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CORRIGENDA

#	Section/ Para	Issued	Action #
1	231	07/2008	111-04
2	234	07/2008	111-23
3	142.6.2	07/2008	111-52
4	143	07/2008	MG 93-22
5	Annex A, 2.2.4	01/2009	112-03
6	581.2.1 point 7	01/2009	112-03
7	Table 8, CC2	01/2009	112-05
8	Table 21, Caret	01/2009	112-08
9	253.2.6	01/2009	112-10
10	LSN deletion	01/2009	112-13
11	KMA/KME del	01/2009	112-13
12	LSN deletion	01/2009	112-13
13	KMA/KME del	01/2009	112-13
14	DRN 9505 del	01/2009	112-13
15	Annex C, pt9	01/2009	112-28
16	ESR2	01/2009	112-28
17	ESR2	01/2009	112-28
18	ESR2	01/2009	112-28
19	Form 9 del	01/2009	112-28
20	221.5	01/2009	112-29
21	Table 31-LO	01/2009	112-30
22	Miscellaneous	01/2009	MG 94-33
23	142.6.1	01/2009	MG 94-51
24	533-KCD	07/2009	113-01
25	264.2	07/2009	113-03
26	Table 23, CTR	07/2009	113-05
27	543-DRN7075	07/2009	113-14
28	Seg H (1)	07/2009	113-16
29	Seg H (2)	07/2009	113-16
30	DRN 0855 del	07/2009	113-16
31	432.3.2	07/2009	113-25
32	493	07/2009	113-53
33	523-KEC del	07/2009	113-53
34	525-KEC del	07/2009	113-53
35	534-KEC del	07/2009	113-53
36	Message	07/2009	113-53
37	App2 AnnexE	07/2009	113-59
38	Annex C	07/2009	MG 94-52
39	132.1.1	07/2009	MG 95-49
40	142.8.4/5	07/2009	MG 95-59

#	Section/ Para	Issued	Action #
41	438.5	01/2010	114-01
42	581.2.1, pt8	01/2010	114-21
43	543	01/2010	114-27
44	Annex E	01/2010	114-49
45	150 (new)	01/2010	MG 96-47
46	532 - LSA	01/2011	115-56
47	562.8 LSA	01/2011	115-56
48	539	01/2011	115-59
49	581.5	01/2011	116-03
50	Table 31	01/2011	116-24
51	435.2.2	01/2011	116-30
52	Table 07	01/2011	116-30
53	581.2	01/2011	116-32
54	493.4.2.2	01/2011	116-38
55	253.2.1	01/2011	116-39
56	254.3.6	01/2011	116-39
57	631.1	01/2011	116-39
58	253.2/3	01/2011	116-40
59	562.13 KHN	01/2011	116-47
60	133.1.4	01/2011	116-56
61	433	01/2011	116-56
62	434	01/2011	116-56
63	472	01/2011	116-56
64	512.2 - V	01/2011	116-56
65	522 - LSA	01/2011	116-56
66	App2 AnnexE	01/2011	116-58
67	711/712	01/2011	116-58
68	415	01/2011	116-59
69	221	07/2011	117-16
70	243	07/2011	117-32
71	Table 23B	07/2011	117-32
72	462	07/2011	117-35
73	523, KKD/KKU	07/2011	117-42
74	136 (new)	07/2011	MG 99-27
75	444.2.1 (8)	01/2012	118-22
76	445(new)	01/2012	118-22
77	463(new)	01/2012	118-22
78	Table 138	01/2012	118-22
79	233	01/2012	118-35
80	Annex A	01/2012	118-35

#	Section/ Para	Issued	Action #
81	442.1.2	01/2012	118-35
82	T08 (5)+(6)	01/2012	118-35
83	562.1.2 LAR	01/2012	118-35
84	561.2 (B)	01/2012	118-39
85	581.5	01/2012	118-47
86	434.4.6	01/2012	118-54
87	435	07/2012	119-21
88	581	07/2012	119-41
89	Table 41	07/2012	119-46
90	253	07/2012	119-58
91	630	07/2012	119-58
92	142.4	07/2012	MG 101-34
93	233.2	01/2013	120-06
94	242.1.3	01/2013	120-06
95	446	01/2013	120-06
96	415.4	01/2013	120-06
97	Table 136	01/2013	120-06
98	581.6	01/2013	120-06
99	Table 1 (9)	01/2013	120-06
100	562 (various)	01/2013	120-06
101	Table 24 (R)	01/2013	120-11
102	340	01/2013	120-17
103	431	01/2013	120-19
104	437	01/2013	120-19
105	Annex C	01/2013	120-19
106	711/712	01/2013	120-19
107	434.5.2	01/2013	120-23
108	T130 (704)	01/2013	120-23
109	562.13.1	01/2013	120-34
110	438.2	01/2013	120-36
111	445	01/2013	120-48
112	463	01/2013	120-48
113	Table 139	01/2013	120-59
114	T18 (national)	01/2013	120-61
115	536 – MRD5	01/2013	120-63
116	711/712	01/2013	120-63
117	611.6	01/2013	120-67
118	711	01/2013	120-67
119	434.10.1	07/2013	121-07
120	Table 131	07/2013	121-07
121	543-DRN7325	07/2013	121-08
122	442.1.2	07/2013	121-13

#	Section/ Para	Issued	Action #
123	562.1.1	07/2013	121-13
124	434.11	07/2013	121-17
125	Annex A	07/2013	121-21
126	562.3.1	07/2013	121-29a
127	562.1.1	07/2013	121-29b
128	581.2.3	07/2013	121-29c
129	562.1.2	07/2013	121-29d
130	562.3.2	07/2013	121-29d
131	562.4.2	07/2013	121-29d
132	562.7.2	07/2013	121-29d
133	543-DRN9975	07/2013	121-54
134	142.5.1	07/2013	121-56/103-57
135	562.8.5	07/2013	121-58
136	415.6	07/2013	MG 103-19
137	142.3.3	07/2013	MG 103-55
138	222.2	01/2014	122(new)
139	321.1	01/2014	122(new)
140	538 (del)	01/2014	122(new)
141	T37(update)	01/2014	122(new)
142	512.2 - W	01/2014	122(new)
143	253.2.1	01/2014	122-04
144	253.3.1.4	01/2014	122-04
145	Form7-Note4	01/2014	122-04
146	435.2.1	01/2014	122-04
147	444.1	01/2014	122-04
148	446.2.1a	01/2014	122-04
149	274.2	01/2014	122-04/08
150	435.3.2	01/2014	122-04/08
151	435.3.4	01/2014	122-04/08
152	435.3.5	01/2014	122-04/08
153	435.3.6	01/2014	122-04/08
154	435.3.7	01/2014	122-04/08
155	436.3.1	01/2014	122-04/08
156	442.1.2	01/2014	122-04/08
157	442.1.4	01/2014	122-04/08
158	NIIN SC4	01/2014	122-04/08
159	NIIN SC8	01/2014	122-04/08
160	RET CODE	01/2014	122-04/08
161	437.1.3	01/2014	122-17
162	464-ESR4	01/2014	122-17
163	ESR4	01/2014	122-17
164	Table35-Box	01/2014	122-29

#	Section/ Para	Issued	Action #
165	Table35-Ea	01/2014	122-29
166	Table30_5	01/2014	122-33
167	Table30_6	01/2014	122-33
168	Table30_&	01/2014	122-33
169	581.2.1	01/2014	122-41
170	581.2.3	01/2014	122-41
171	581.2.5	01/2014	122-41
172	581.3	01/2014	122-49
173	241	01/2014	122-53
174	242	01/2014	122-53
175	243	01/2014	122-53
176	Form 2A/B del	01/2014	122-53
177	434.11.2	01/2014	122-55
178	435.2.4	01/2014	122-55
179	435.2.7	01/2014	122-55
180	Table 7 (E)	01/2014	122-55
181	Form 7	01/2014	122-55
182	711 (E)	01/2014	122-55
183	434.5.3	01/2014	122-56
184	Table130(606)	01/2014	122-56
185	415.4	01/2014	122-57
186	562.2.2 (4)	01/2014	122-57
187	562.12.4 (10)	01/2014	122-58
188	562.12.5 (2)	01/2014	122-58
189	562.12.7 (2)	01/2014	122-58
190	562.12.9 (3)	01/2014	122-58
191	415.8	01/2014	MG 104-12
192	Table 25	07/2014	123-24
193	562.13.1 (12)	07/2014	123-24
194	581.3	07/2014	123-24
195	444.2.1 (9)	07/2014	123-27
196	532-KRE note2	07/2014	123-52
197	543-(3920/3921)	07/2014	123-52
198	562.3.1 (11)	07/2014	123-53
199	562.4.2 (6)	07/2014	123-53
200	Table 18	07/2014	123-54
201	142.6.1.1	07/2014	MG 105-36
202	142.6.2	07/2014	MG 105-37
203	Ch1-App3-AnnE	07/2014	MG 105-37
204	142.6.2	01/2015	MG 106-05
205	Ch1-App3-AnnE	01/2015	MG 106-05
206	142.8.4	01/2015	MG 106-45

#	Section/ Para	Issued	Action #
207	446.4	01/2015	124-17
208	Table 136-L23	01/2015	124-17
209	562.10.4 (L23)	01/2015	124-17
210	543 (2900)	01/2015	124-21
211	581.3	01/2015	124-32
212	446.2.1	01/2015	124-38
213	446.2.2	01/2015	124-38
214	Table 136-K23	01/2015	124-38
215	631.1 (form23)	01/2015	124-38
216	562.12-KFF	01/2015	124-40
217	562.13-KHN	01/2015	124-40
218	562.14	01/2015	124-40
219	581.2.1	01/2015	124-53
220	474.1.2	01/2015	124-91
221	474.2	01/2015	124-91
222	581.1/2/3	07/2015	MG107-07
223	Ch7-Glossary	07/2015	MG107-07
224	ISO3166-1	07/2015	MG107-08
225	142.3.2	07/2015	MG107-13
226	144	07/2015	MG107-13
227	Disclaimer	07/2015	MG107-39
228	591.1	07/2015	MG107-40
229	592	07/2015	MG107-40
230	Ch2-Annex-A	07/2015	125-10
231	581.2.1	07/2015	125-40
232	562.13.1	07/2015	125-42
233	562.14	07/2015	125-42
234	581.3	07/2015	125-42
235	432.3.2	07/2015	125-47
236	433.3	07/2015	125-47
237	523-KMP	07/2015	125-47
238	581.2.1	07/2015	125-59
239	Stanag-3151	07/2015	125-64
240	543 (2900)	07/2015	125-65
241	415.7	07/2015	125-77
242	Ch1-Annex-A	01/2016	MG108-42
243	142.4	01/2016	MG108-46
244	264.3	01/2016	126-12
245	434.5.3	01/2016	126-12
246	Table 05-DAC9	01/2016	126-12
247	434.10.1	01/2016	126-15
248	Form No 7	01/2016	126-15

#	Section/ Para	Issued	Action #
249	Table 131	01/2016	126-15
250	435.2.6	01/2016	126-16
251	543-(0113)	01/2016	126-18
252	Table 139	01/2016	126-18
253	433.4	01/2016	126-24
254	Ch2-Annex-A	01/2016	126-25
255	434.5.2	01/2016	126-29
256	450	01/2016	126-30
257	471.2.2	01/2016	126-34
258	471.4	01/2016	126-34
259	631.1-ESR2	01/2016	126-34
260	581.3	01/2016	126-43
261	242.1.5	01/2016	126-55
262	581.1	01/2016	126-56
263	562.14	01/2016	126-70
264	252.5.7	07/2016	127-04
265	252.7.4	07/2016	127-04
266	LSA notes	07/2016	127-04
267	Seg M concepts	07/2016	127-04
268	543-DRN0113	07/2016	127-14
269	461	07/2016	127-25
270	462	07/2016	127-25
271	591.3.2	07/2016	127-25
272	592.3	07/2016	127-25
273	631-ESR1	07/2016	127-25
274	471.4	07/2016	127-28
275	631-ESR2	07/2016	127-28
276	581.2.1 (4820)	07/2016	127-32
277	581.2.5 (0766)	07/2016	127-32
278	581.2.5 (3445)	07/2016	127-32
279	581.2.5 (3445)	07/2016	127-35
280	581.2.1 (4080)	07/2016	127-37
281	233.4	07/2016	127-50
282	581.2.3 (0846)	07/2016	127-50
283	581.2.3 (2910)	07/2016	127-50
284	432.3.2	07/2016	127-59
285	533-K23 (Note1)	01/2017	128-09
286	543-DRN0113	01/2017	128-17
287	553-Table129	01/2017	128-23
288	273.9	01/2017	128-36
289	274.2	01/2017	128-36
290	435.3	01/2017	128-36

#	Section/ Para	Issued	Action #
291	436.3.1	01/2017	128-36
292	442	01/2017	128-36
293	463	01/2017	128-36
294	553-Table01 (4)	01/2017	128-36
295	553-Table01 (8)	01/2017	128-36
296	553-Table02	01/2017	128-36
297	711-OMT	01/2017	128-36
298	712-OMT	01/2017	128-36
299	722-OMT	01/2017	128-36
300	581.2.5	01/2017	128-43
301	NCAGE XML	01/2017	128-53
302	542-XML DRNs	01/2017	128-53
303	543-XML DRNs	01/2017	128-53
304	711-XML DRNs	01/2017	128-53
305	712-XML DRNs	01/2017	128-53
306	711	01/2017	128-54
307	434.10.1 (Note1)	01/2017	128-55
308	Table130 (601)	01/2017	128-55
309	553-Table21 (5)	01/2017	128-56
310	581.2.5	01/2017	128-56
311	442	01/2017	128-57
312	415.6	07/2017	MG111-26
313	539.4	07/2017	MG111-26
314	591.2	07/2017	MG111-48
315	Table 24 (T)	07/2017	129-06
316	543-DRN9566	07/2017	129-18
317	553-Table23	07/2017	129-18
318	562.13	07/2017	129-18
319	562.14	07/2017	129-18
320	562.15	07/2017	129-18
321	581.3	07/2017	129-18
322	446.4 (G)	07/2017	129-23
323	Table 136 (G)	07/2017	129-23
324	581.2.1	07/2017	129-27
325	463.2	07/2017	129-28
326	463.3	07/2017	129-28
327	464.2	07/2017	129-28
328	464.3	07/2017	129-28
329	542	07/2017	129-41
330	543	07/2017	129-41
331	544	07/2017	129-41
332	711	07/2017	129-41

#	Section/ Para	Issued	Action #
333	712	07/2017	129-41
334	722	07/2017	129-41
335	723	07/2017	129-41
336	Table 31 (KN)	07/2017	129-42
337	533-L23.note4	07/2017	129-51
338	L23 sample.CIC	07/2017	129-51
339	K23 sample.CIC	07/2017	129-51
340	543-DRN6999	07/2017	129-51
341	562.10.3 (12)	07/2017	129-51
342	562.10.4 (6)	07/2017	129-51
343	562.11.3 (11)	07/2017	129-51
344	562.11.4 (8)	07/2017	129-51
345	L23	07/2017	129-52
346	L23 Notes	07/2017	129-52
347	L23 Samples	07/2017	129-52
348	K23	07/2017	129-52
349	K23 Notes	07/2017	129-52
350	K23 Samples	07/2017	129-52
351	435.2.6	07/2017	129-54
352	581	07/2017	129-74
353	Table 04 (UJ)	07/2017	129-82
354	562.4.2 (del 6)	07/2017	129-82
355	542 (GTIN)	01/2018	130-04
356	543 (GTIN)	01/2018	130-04
357	Table23C (GTIN)	01/2018	130-04
358	562.13.1 (GTIN)	01/2018	130-04
359	581.3 (GTIN)	01/2018	130-04
360	NCAGE XML	01/2018	130-04
361	XML Schema 1.1	01/2018	130-04
362	XML Schema 1.1	01/2018	130-04
363	XML Validation	01/2018	130-04
364	XML Error codes	01/2018	130-04
365	711 (GTIN)	01/2018	130-04
366	722 (GTIN)	01/2018	130-04
367	Table 22A/B	01/2018	130-19
368	581.2.1	01/2018	130-38
369	435.2.2 del Note	01/2018	130-39
370	461.1.1 del Note	01/2018	130-39
371	Table 06	01/2018	130-41
372	243.1.4	01/2018	130-45
373	L23	01/2018	130-55
374	L23 Notes	01/2018	130-55

#	Section/ Para	Issued	Action #
375	L23 Samples	01/2018	130-55
376	K23	01/2018	130-55
377	K23 Notes	01/2018	130-55
378	K23 Samples	01/2018	130-55
379	142.8.4.4	01/2018	130-65
380	661	01/2018	MG112-51
381	NCAGE XML	07/2018	131-05
382	581.3 (DUNS)	07/2018	131-05
383	133.1.1	07/2018	131-17
384	134.1.1	07/2018	131-17
385	431.1	07/2018	131-17
386	431.2	07/2018	131-17
387	445.2	07/2018	131-27
388	463	07/2018	131-27
389	631 (ESR3)	07/2018	131-27
390	464.1.3 (Note)	07/2018	131-29
391	Table 41	07/2018	131-43
392	Table 40 (COL)	07/2018	131-52
393	543-DRN7075	07/2018	131-52
394	562.13.1	07/2018	131-68
395	581.3	07/2018	131-68
396	581.2.1 (TIIC)	07/2018	131-70
397	581.2.5 (ISAC)	07/2018	131-70
398	581.2.5 (MRC)	07/2018	131-70
399	581.1	07/2018	131-79
400	542 (GLN)	01/2019	132-08
401	DRN 9568 (GLN)	01/2019	132-08
402	Table 23C (GLN)	01/2019	132-08
403	562.13.1 (GLN)	01/2019	132-08
404	581.3 (GLN)	01/2019	132-08
405	434.8.1	01/2019	132-11
406	252.5.5	01/2019	132-14
407	DRN 9111 title	01/2019	132-14
408	DRN 0113 title	01/2019	132-14
409	581.2.1 (4820)	01/2019	132-53
410	581.2.3 (0846)	01/2019	132-53
411	581.2.5 (3317)	01/2019	132-53
412	435.3.2	01/2019	132-58
413	NSN-XML-v1.8	01/2019	MG114-03
414	Ch1-Ann.E-App1	01/2019	MG114-22
415	Ch1-Ann.E-App3	01/2019	MG114-41
416	Para 142.6.2	01/2019	MG114-41

#	Section/ Para	Issued	Action #
417	Character Set	07/2019	133-01
418	562.13.1 (XML)	07/2019	133-04
419	581.3 (NADEX)	07/2019	133-04
420	581.3 (XML)	07/2019	133-04
421	XML Data (GLN)	07/2019	133-04
422	XML Schema	07/2019	133-04
423	XML Controls add	07/2019	133-04
424	581.5	07/2019	133-38
425	562.13.1 (NACE)	07/2019	133-62
426	581.3 (NACE)	07/2019	133-62
427	Table 23 (note3)	07/2019	133-62
428	581.2.3 (C-0846-15)	07/2019	133-64
429	581.2.3 (C-0846-16)	07/2019	133-64
430	581.2.3 (C-2750-1)	07/2019	133-64
431	581.2.3 (C-2920-1)	07/2019	133-64
432	NSN-XML-v1.9	07/2019	133-73

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This Publication contains the basics of the NATO Codification System. The terms of reference and responsibilities of National Codification Bureaux, users and contractors are specifically defined therein.

Every nation has the responsibility to implement ACodP-1 rules and procedures. The application of those rules and procedures, as well as their harmonization with national regulations, is the responsibility of each National Codification Bureau, which is the final authority in this matter.

NOTES

1. The official version of ACodP-1 is this electronic version.
2. Each Sub-Section is page numbered separately.
3. New or adjusted text is indicated by means of Microsoft Word Option “View Tracked Changes” (red font = inserted text; ~~bright green strikethrough font~~ = deleted text).
4. This publication is preceded by a record of corrigenda and shall indicate the section/paragraph concerned, action no. and date of issue.
5. The Maintenance Procedure of the ACodP-1 is described in Chapter VI, Section 640.

GENERAL PREFACE

This Manual provides the Principles, Responsibilities, Operating Procedures and ADP Regulations for co-ordinated maintenance of the NATO Codification System. It is issued and updated by the NATO Support and Procurement Agency - NSPA - under the authority of the NATO Group of National Directors on Codification (AC/135).

The instructions contained in this Manual are mandatory for use by all countries and NSPA participating in the NATO Codification System.

Participants in the system may, where required, issue supplementary national instructions relative but consistent with the policies, rules and procedures contained in this Manual.

The NATO Allied Publication ADatP-1 "Standard Data Elements, Data Item, Abbreviations and Codes for NATO Interservice use in Automated Data Handling System" published by the NATO Standardization Office (NSO) is not applicable to the NATO Codification System.

The Manual consists of the following 7 Chapters titled as indicated:

TABLE OF CONTENTS

SHORTCUTS

TRANSACTION FORMATS - HYPERLINKS

NATO FORMS AC/135

NATO MANUAL ON CODIFICATION

ACodP-1

Chapter I - POLICY AND PRINCIPLES

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CHAPTER I - POLICY AND PRINCIPLES

Preface

Standardization is defined within NATO as the process of developing concepts, doctrines, procedures and designs to achieve and maintain the most effective levels of "compatibility, interchangeability and commonality" in the operational, procedural, materiel, technical and administrative fields. The primary products of this process, and NATO's tools for the enhancement of interoperability, are Standardization Agreements (STANAGs) between member nations.

The NATO Codification System (NCS) is governed by the principles and procedures described in the following STANAGs:

- STANAG 3150 : Codification – Uniform System of Supply Classification.
- STANAG 3151 : Codification – Uniform System of Item Identification.
- STANAG 4177 : Codification – Uniform System of Data Acquisition.
- STANAG 4199 : Codification – Uniform System of Exchange of Materiel Management Data.
- STANAG 4438 : Codification – Uniform System of Dissemination of Data Associated with NATO Stock Numbers (NSN).

The Allied Codification Publication no. 1 (ACodP-1) describes additional principles and procedures necessary for the creation and effective management of the NCS

Copies of these STANAGs are found in Section 150 of this chapter.

This chapter outlines the general policies and principles of the NCS and lists the responsibilities of the participating countries and the NATO Support and Procurement Agency (NSPA).

The instructions contained in this chapter are mandatory for use by all countries participating in the NATO Codification System and NSPA.

Section 110 - NATO Codification System

Sub-Section 111 - Purpose

111.1 The NCS is the official programme under which equipment components and parts of the military supply systems are uniformly named, described, classified, and assigned a NATO Stock Number. These stock numbers and item descriptions are published in supply catalogues and repair parts lists, and are used as the key identifiers within logistic information systems. The NCS is a common supply language which operates effectively in a multilingual environment. It facilitates interoperability, curbs duplication (both within nations and between nations), permits interchangeability, promotes standardization and maximises logistics support in the most economical manner possible. However, the primary goal of the NATO Codification System is to ensure that military personnel deployed in an operational scenario can be assured of getting the right items to successfully complete their mission..

111.2 The system is designed to achieve maximum effectiveness in national and international logistic support, to facilitate data management in the area of materiel identification and to identify items with identical characteristics. It thereby becomes possible to reduce supplies (equipment, assemblies, components and spare parts) and to keep the required quantity of stocks under control.

Sub-Section 112 - Scope

112.1 STANAGs 3150, 3151, 4177, 4199 and 4438 (see Section 150 to this chapter) provide for the operation of a uniform system of classification and identification of items of supply and for the exchange of codification information between NATO and partner countries. The NCS is managed centrally through the Group of National Directors on Codification (AC/135) and operated nationally under the appointed national authorities.

112.2 Each ratifying and participating country and NSPA should maintain files in which item identification data is recorded. These files may be consulted by all participants.

112.3 Certain cross servicing functions related to the operation of the NCS are not suitable for execution by an individual country.

A Memorandum of Understanding (MOU) to cover the execution of these functions has therefore been established between the Group of National Directors on Codification and NSPA (see ANNEX A to this chapter).

A list of the functions executed under this MOU is contained in the AC/135 budget for the respective year and maintained in the “Financial Folder” of NABS. The list will be reviewed annually by the countries and NSPA.

Section 120 - Basic Principles

Sub-Section 121 - Identification and Classification

121.1 General

Each item of supply to be introduced into the NCS shall be named, described, therefore identified, and classified in such a way that it is recognized by only one NATO Stock Number (NSN).

The structure of the NSN is described in STANAG 3151.

121.2 Item Name

The item name is established during identification according to the internationally agreed criteria on the basis of the Item Name Index, described in Chapter II.

121.3 Item Identification

Item identification is carried out, when required, in accordance with the methods described in Chapter II.

The identification of an item of supply consists of the minimum data needed to meet a logistics requirement and establishes the essential characteristics of the item which both:

- give the item its unique character;
- differentiate the item from any other item of supply.

The complete description of the physical and performance characteristics is given whenever necessary and possible.

121.4 NATO Supply Classification System

The NATO Supply Classification System establishes grouping of items and their relationships to fulfil management needs.

This system of classification makes it possible for the items to be divided into groups, each of which is subdivided into classes.

Each class covers a fairly homogeneous area of commodities which are associated on the basis of one of the following criteria:

- their physical and/or performance characteristics;
- their relationship of parts, attachments and accessories to the next higher assemblies for which they were specifically designed;
- the fact that the items are usually procured or issued together.

The NATO Supply Classification System is described in Chapter III along with the "Indexes of Groups and Classes"; these, with the Item Name Index are the keys to enter the identification system.

121.5 Related Codification Data

Item identification contains other codification data such as the references of the items of production, the users of the item of supply and other data.

Sub-Section 122 - Item of Supply and Item of Production

122.1 **Main Purposes of the system**

The main purpose of the NCS is to identify each item of supply and register the associated information that will meet the requirement of the greatest possible number of users, independently of the equipment of which the item may form a part. A distinction must be made between an item of supply and an item of production.

122.2 **Item of Production**

An item of production consists of those parts or objects grouped under the same manufacturer reference number, conforming to the same engineering drawings, specifications and inspection tests.

122.3 **Item of Supply**

In the NCS, the expression "item of supply" designates an item of production or group of items of production which has been defined by a qualified logistics service to meet a specific requirement. These items of production or group of items of production may be functionally interchangeable or may be substituted for the same purpose and are comparable in terms of use, or a modification of a normal item of production.

The exact determination of an item of supply depends on technical and logistic considerations on the basis of which the user specifies the characteristics and tolerances of his concept in the broadest possible terms compatible with his own essential needs.

122.4 **Relationship between Item of Supply and Item of Production**

This principle means that wide-concept items of supply may cover narrower-concept items of supply, where specific requirements makes it necessary to distinguish between otherwise identical items of production. Each must however be given a separate NATO Stock Number. Thus an item of supply may be:

- a single item of production;
- a modification (altered by the user or by request of the user) of a normal item of production;
- an item of production that is more stringently quality-controlled than the normal item of production (through the choice of a narrower tolerance, specific characteristics or finer quality criteria);
- several items of production that are functionally interchangeable or that may be substituted one for another for the same purpose and have a comparable use.

122.5 **Submitter's Responsibilities**

122.5.1 When presenting details of items for which codification is required the submitter has the responsibility for ensuring that the item is an item of supply.

This includes lists presented by manufacturers on behalf of the users.

122.5.2 The normal method is for the item to be included on a list of items of supply required in accordance with the repair policy of the user. Where a submitter is preparing the list on behalf of more than one user, for example a Common or NATO project, then the list must reflect the repair policies of all the users.

Sub-Section 123 - Marking of Items

123.1 **Items of Production**

Items of production are marked, if marking can be accommodated, in accordance with instructions given by the manufacturer controlling the production of the item.

123.2 **Items of Supply**

Items of supply are marked, if marking can be accommodated, in accordance with instruction given by the Design Control Authority or by instructions which have been accepted as part of a procurement contract.

123.3 **Marking of Packing** containing Items of Supply

Packing of items of supply is marked in accordance with instructions specified and agreed in a procurement contract.

123.4 **Marking of the NSN** on Items of Supply

Marking (engraving, stamping) of physical items with their assigned NSN should be avoided as an NSN may subsequently change (change of class, change of NSN after modification) or be cancelled.

Sub-Section 124 - Dissemination of Data

124.1 NATO and Tier 2 sponsored countries can disseminate their codification or management data in accordance with the guidelines described in STANAG 4438.

124.2 Requests for codification or codification information must be directed to the NCB responsible for codification of this item of supply. If an NCB receives a request for information about an NSN assigned by another NCB, it must return the request, using the appropriate transactions, without releasing the information.

Sub-Section 125 - Limited Rights Data

125.1 A country, subject to compliance with its laws, may disclose its limited rights data (other than detailed design, manufacturing or process data) to other countries or NSPA for informational or evaluative purposes only, as described in STANAG 4438.

125.2 A country must seek the written agreement of the country asserting limited rights if further use or disclosure is desired.

125.3 A non-NATO country must agree to comply with the requirements set forth in this Sub-Section prior to obtaining access to a NATO country's limited rights data pursuant to paragraph 125.1. The non-NATO country is subject to the same requirements and may make the same types of agreements that apply to NATO countries under this Sub-Section.

Section 130 - National Responsibilities

Sub-Section 131 - Basic Policy

131.1 **Supply of NATO Stock Numbers and Item Identification Data.**

131.1.1 **Items of Supply originating from Manufacturers located in NATO or Tier 2 sponsored countries**.

The National Codification Bureau (NCB) of the NATO or Tier 2 sponsored country where the design control authority of an item of supply is located will be responsible for supplying the procuring country or NSPA with the NATO Stock Numbers and item identification data for the items of supply, when requested. These shall be developed in accordance with the NATO Codification System. Details of code assignments are found in CodSP-3.

131.1.2 **Items of Supply originating from non-manufacturers.**

The country where a known supplier trades is responsible for the codification of the item of supply when the Design Control Authority cannot be verified. It is recommended in such cases that the item of supply is recorded in the TIR with the Standard Reference as the Primary Reference. The supplier's part number is then properly recorded as a Secondary Reference Number in the TIR. For details of registering this information, see Chapters IV and V.

131.1.3 **Items of Supply originating from Manufacturers located in Tier 1 sponsored or non sponsored countries**.

The NCB of the NATO or Tier 2 sponsored country employing items of supply originating from manufacturers located in a Tier 1 or non sponsored country will be responsible for assigning the NATO Stock Numbers after having checked in the NATO Master Catalogue of References for Logistics (NMCRL) that the items concerned are not already codified.

131.1.4 **Items of Supply originating from a NATO Production and Logistics Organization (NPLO) or NATO Agency.**

The NCB nominated as Pilot NCB for a new item of supply the design of which is controlled by a NATO Production and Logistics Organization (NPLO) or by a NATO Agency, will be responsible for assigning a NATO Stock Number having checked in the NATO Master Catalogue of References for Logistics (NMCRL) that the items concerned have not already been codified by another NCB.

131.2 **NATO Code for NCB**

131.2.1 **Definition**

As part of the NATO Stock Number (5th and 6th position), the NATO Code for NCB indicates the country assigning the national item identification number.

131.2.2 **Composition**

2-digit numeric code

131.2.3 **Allocation**

Allocated by the Secretary of AC/135 in cooperation with the US NCB

131.2.4 **Existing codes**

See CodSP-3 (NCS Country Codes).

131.3 **Position of NATO Agencies with regard to the NCS**

As NSPA is considered as the sole NATO Agency participating in and operating the NATO Codification System all other NATO Agencies should obtain the codification data from NSPA.

131.3.1 Since the policy rule mentioned in paragraph 131.3 was determined after publication of the ACodP-1, "NSPA" should be read for "NATO Agency" wherever applicable.

131.4 **Scope**

The basic provisions as given in paragraph 131.1 are intended to apply to items subject to repetitive procurement, storage, supply or issue and to items of such practical logistic significance as to warrant centralized stock management, the preparation of reports or control by the logistics organization of the procuring country or agency.

Only the logistics experts can decide, in the light of their management requirements, which items are to be codified.

Sub-Section 132 - Bilateral Agreements

132.1 **Scope**

132.1.1 It is the intent of the Group of National Directors on Codification that between NATO / Tier 2 Countries, codification services performed by a NCB and the exchange of codification data and/or System Support Record data be carried out free of charge on a reciprocal basis. A bilateral agreement between NATO / Tier 2 countries will, therefore only be necessary, where national regulations require the payment of such services.

132.1.2 It is the generally accepted policy of the Group of National Directors on Codification that between NATO and Sponsored countries, codification services performed by a NCB and the exchange of codification data and/or System Support Record data be carried out in compliance with the NATO countries' laws. The necessity of a bilateral agreement between NATO and Sponsored countries is governed by the regulations in paragraph 142.5.

132.2 **Rules and Models**

These bilateral agreements may vary from one country to another but should comply with the rules and models given in ANNEX B to this chapter.

Sub-Section 133 - Responsibilities of a Procuring Country or NATO Agency

133.1 General

When the design control authority for items to be codified is located in another NATO or Tier 2 sponsored country, the procuring country or NSPA is responsible for the following actions:

133.1.1 Initial Exchange of Information Form

When required, the NCB of the procuring country or NSPA must notify the producing country's NCB as soon as possible of codification requests exceeding the number pre-defined in CodSP-71. NATO Form AC/135-No 1A must be used for notification as described in Chapter IV, Sub-Section 431.1.

133.1.2 Contractor Commitments

The procuring country must assure that a Codification Contract Clause is inserted in its procurement contracts in accordance with STANAG 4177. This clause requires the contractor to furnish the technical data or, if required, draft item identifications plus technical data to the NCB of the producing country in accordance with the guide or specifications issued by AC/135 and with any general and special instructions of the producing country. The procuring country must also require the contractor to disclose the Design Control Authority's name and reference number for each item of production and, when known, the NSNs of the items of supply which are in question.

133.1.3 Preliminary Screening

Before sending a request for codification, the procuring country must make a preliminary screening to see if the item is already codified. This screening is performed by searching the references against NMCRL or an equivalent national product.

133.1.4 Characteristics Search Process

When the procuring country has access to the technical data of the items to be codified, it carries out a detailed screening using the characteristics search module of NMCRL online to verify if the item of supply concept is already codified.

133.1.5 Codification Request

After eliminating references of the items of production that have already been codified, the procuring country submits codification requests as described in Chapter IV, Sub-Sections 432 and 442 to serve as a basis for the codification actions to be carried out by the producing country.

133.1.6 Information on Changes

During the life of the contract, the procuring country will notify the producing country of changes in the identification data which may affect the item of supply concept, so that the producing country may take any appropriate action.

133.1.7 Updating Documentation

During the life of the contract, the procuring country will maintain and update the documentation relating to spare parts selected for codification, for the information of the producing country.

Sub-Section 134 - Responsibilities of a Producing Country

134.1 General

When the design control authority for items to be codified is located in another NATO or Tier 2 sponsored country, and the NCB of the procuring country has initiated the initial exchange of information, the NCB in the NATO or Tier 2 producing country is responsible for the following:

134.1.1 Initial Exchange of Information Form

When the NCB of the producing country receives from a procuring country's NCB a NATO Form AC/135–No 1A it must respond to the procuring country within 30 calendar days about the codification capabilities and the required time frame to complete the codification activities by using NATO Form AC/135–No 1B/C as described in Chapter IV, Sub-Section 431.2.

134.1.2 Contact with Manufacturer

The producing country is responsible for contact with the manufacturer indicated in the Initial Exchange of Information Form. They will arrange for the receipt of the data required under the provisions of the Codification Contract Clause (see Annex A to STANAG 4177) in the procurement contract and they will issue all necessary instructions to the manufacturer for the preparation of item identifications and all necessary directives.

134.1.3 Special Instructions

The producing country will inform the procuring country or NATO Agency of any special instructions which must be added to the codification provisions of the contract.

134.1.4 Items of Supply already Codified

When receiving a request for codification, the producing country must make a complete screening against its Total Item Records (TIR) to see if the item is already codified. If an NSN is found matching the request, the producing country will provide the NATO Stock Numbers and item identification data on items for which a codification request has been submitted.

134.1.5 User Registration

The registration of the procuring country or NSPA as user of all the items of supply already codified by the producing country, if so requested.

134.1.6 Item of Supply to be Codified

The preparation, approval of the item identifications and the allocation of NATO Stock Numbers to items not yet codified by the producing country; the determination, in co-operation with the procuring country if necessary, of the item of supply concept and the item identification method to be used; the registration of the procuring country or NSPA as user and the supply of the item identifications and the relevant ADP data. When the work is undertaken by a service company specializing in codification, the producing country will supervise the work.

134.1.7 **Information on Changes**

Notifying the procuring country or NSPA of all changes that affect the item of supply concepts or the NATO Stock Numbers of the items for which the procuring country is registered as a user.

134.1.8 **Updating**

The review, during the life of the contract, of the changes submitted by the procuring country or NSPA as a registered user of items already codified; the inclusion of the relevant changes in the item identification data and the supply of the revised versions to the procuring country.

134.1.9 **File Maintenance**

The supply to the user country or NSPA of the normal file maintenance data to ensure compatibility of Total Item Record -TIR- file data.

Sub-Section 135 - Responsibilities of the Manufacturer

135.1 Supply of Technical Data

Pursuant to the Codification Contract Clause (see Annex A to STANAG 4177) or, if necessary, special instructions in each contract between the Armed Forces of the procuring country or NATO Agency and a manufacturer in a NATO or Tier 2 sponsored country, the manufacturer is responsible for furnishing to the NCB of the producing country, or to an activity designated by it, technical and/or identification data covering the items procured. Such data will be consistent with guide or specification of the producing country, together with any special instructions issued by it and applicable to the specific contract.

135.2 Naming of the Design Control Authority

In this connection, the equipment supplier (when not the manufacturer) is responsible for specifying the name of the "Design Control Authority" (see Chapter II, Sub-Section 241) and the "Reference Number" allocated by this manufacturer to each item.

Sub-Section 136 - Compliance of National Codification Systems

As stipulated in AC/135 Handbook of Aims, all nations must have a codification system fully compliant with the NCS procedures for international data exchange. Therefore all new codification systems (from NATO or Tier 2 countries) shall be certified by carrying out the tests as stipulated in Chapter V, Section 590.

Section 140 - The NATO Codification System and Non-NATO Countries

Sub-Section 141 - General

141.1 Non-NATO countries which adopt the NATO Codification System (NCS), either completely or partially, can be divided into 2 categories i.e. sponsored countries or non-sponsored countries.

141.2 The basic differences between the 2 categories are:

- Sponsored countries. The non-NATO countries enter into a Sponsorship Agreement with AC/135. The countries will gradually progress into full membership of the NCS community, and they participate to some degree, in the management of the system (see Sub-Section 142 for details).

- Non-sponsored countries. The non-NATO countries enter into a Bilateral Agreement with one or more NATO or Tier 2 sponsored countries to receive national data from, or supply of national data to, that country. Data exchange on the basis of a Bilateral Agreement does not constitute entry into the NCS data exchange.

141.3 A prerequisite to participate in the NCS is the allocation of certain codes. The responsibility for the assignment lies with NSPA.

141.3.1 Codes for sponsored countries are assigned according to Sub-Section 142.

141.3.2 Codes for non-sponsored countries are assigned on request and following the approval of the Group of National Directors on Codification. Non-sponsored countries may be assigned the following codes:

- Major Organisational Entity (MOE) Code
- NCB Code

These codes will be used in bi-national data transmission, only.

141.4 The AC/135 Secretariat will inform the non-sponsored country about assigned codes and will ensure that the appropriate entry into CodSP-3 is made.

Sub-Section 142 - Sponsorship of Non-NATO Nations(*) and International Organisations

142.1 General

142.1.1 AC/135 offers participation in the NATO Codification System to non-NATO nations, subject to approval by the NATO Council. This can be achieved by applying for Sponsorship. The Sponsorship Programme is a mutual commitment between AC/135 and the sponsored nations. This commitment involves obligations for both parties to the sponsorship agreement and failure to meet them may lead to the sponsorship agreement being rescinded by AC/135 Main Group.

142.1.2 By entering into a Sponsorship Agreement with NATO AC/135, a sponsored nation accepts certain responsibilities on its behalf and AC/135 accepts certain responsibilities on the behalf of the sponsored nation.

142.1.3 Some NATO nations have a national legal requirement concerning information exchange which means that a sponsored nation must, like a non-sponsored nation, enter into separate Bilateral Agreements with each of these NATO nations, from which it wishes to receive data or supply data to. See paragraph 142.5.

142.1.4 All rules and procedures that apply to data exchange between sponsored nations and the NATO nations shall also apply to data exchange between sponsored nations.

142.2 Requirements for Sponsorship

142.2.1 Non-NATO nations that are unanimously approved by the NATO nations can become sponsored nations by signing a Sponsorship Agreement (see ANNEX C to this chapter) with AC/135.

142.2.2 The Sponsorship Agreement is a statement from the non-NATO nation to the AC/135 that it has commissioned an authority to act as the NCB of the nation. It also states that the nation has adopted or intends to adopt the principles of the NCS as set out in the standardisation agreements STANAGS 3150, 3151, 4177, 4199 and 4438 (see Section 150) and ACodP-1. STANAGS are NATO documents and as such cannot be an official condition of any agreement between AC/135 and a non-NATO nation

142.2.3 The Sponsorship Agreement implies that the nation will gradually develop the organization, skills and systems that are necessary to fully participate in the NCS.

142.2.4 Testing of a sponsored nation's system, to ensure compatibility with NATO data exchange (NADEX) standards, may be required. Such testing shall be co-ordinated by NSPA and AC/135 Panel A with assistance from nations designated by the Chairman of Panel A.

142.3 Types of Sponsorship

142.3.1 Development of full codification capabilities is a gradual process. Sponsorship has two levels or tiers, Tier 1 and Tier 2.

(*) Hereafter, the term “Non-NATO” nations shall also be understood to include “International Organisations”

142.3.2 **Tier 1**:

This is the basic level of sponsorship for nations that have no codification system or a system that is not yet fully compliant with the ACodP-1 procedures. Tier 1 sponsorship is characterized by one-way data exchange with the following privileges and restrictions:

Privileges:

- The sponsored nation can request codification of items produced in a NATO or Tier 2 nation subject to the restrictions mentioned in sub-paragraph 142.1.4.
- The sponsored nation can register itself as user of any NATO stock number assigned by a NATO or Tier 2 nation (items already codified).
- The sponsored nation can request assignment of NATO Commercial and Government Entity (NCAGE) codes from any of the NATO or Tier 2 nations.
- The sponsored nation can request assignment of non-NATO NCAGE codes from NSPA for items produced in a Tier 1 or non-sponsored nation [(1)].
- A Tier 1 sponsored nation can allocate national CAGE codes and maintain a cross reference to the corresponding S-type CAGE codes, which will be used in NCS and NMCRL until the sponsored nation reaches Tier 2 status. The sponsored nation will participate in the quality control of all CAGE information from that nation (see Sub-Section 144).
- A Tier 1 nation may, upon request, have its codification data included in the NMCRL as stipulated in Chapter IV, Sub-Section 415.
- A Tier 1 nation may introduce
  - an IIG maintenance and NATO Supply Class change proposal in the collaboration procedure (see Chapter II, Sub-Section 253);
  - a NATO Codification System Change Request (NCSCR) using the procedure outlined in Chapter IV, Sub-Section 481;
  - a Problem Report using the procedure outlined in Chapter IV, Sub-Section 482. The Problem Report will be sent to the nation concerned (with copy to all NATO and Tier 2 nations) using NATO Form AC/135-No 4.
- The evaluation and acceptance of a proposal from a Tier 1 nation remains with the AC/135. The Tier 1 nation will be informed of the final decision
  - via the US of the decision to a IIG or NSC collaboration procedure, as per Chapter II, Sub-Section 253;
  - via the Secretary of the final decision to a NCSCR;
  - via the nation of a decision to a Problem Report.

[(1)] Even if a Tier 1 sponsored nation can assign and use national CAGE codes in its own system, these codes will not be recognized by NATO or Tier 2 nations. This implies that their national CAGE codes should also be assigned a non-NATO NCAGE (S-type CAGE) by NSPA.

Restrictions:

- NATO and Tier 2 nations will not request codification for items produced in the Tier 1 nation, they will codify the items themselves.
- NATO and Tier 2 nations will not register themselves as users of items codified by a Tier 1 nation, they will codify the items themselves.
- NATO and Tier 2 nations will not request nor use CAGE codes from Tier 1 nations, they will get a non-NATO NCAGE code from NSPA.

142.3.3 **Tier 2**:

- This is for nations that have a codification system that has been certified as being fully compliant with the NCS procedures for international data exchange. Tier 2 Sponsorship is characterized by two-way data exchange with the following obligations and privileges:
- The sponsored nation shall request codification of items produced in a NATO or Tier 2 nation subject to the restrictions mentioned in sub-paragraph 142.1.4.
- The sponsored nation shall register itself as users of any NATO stock number they use assigned by a NATO or Tier 2 nation (item already codified).
- The sponsored nation shall request assignment of NATO Commercial and Government Entity (NCAGE) codes from any of the NATO or Tier 2 nations.
- The sponsored nation shall request assignment of non-NATO NCAGE codes from NSPA for items produced in a Tier 1 or non-sponsored nation.
- NATO nations and sponsored nations shall request codification of items produced in the Tier 2 nation.
- NATO nations and sponsored nations shall register themselves as users of items codified by the Tier 2 nation.
- NATO nations and sponsored nations shall request assignment of NCAGE codes from the Tier 2 nation when required.
- Codified data from Tier 2 nations must be added to the NATO Master Catalogue of References for Logistics (NMCRL)
- Tier 2 nations are required to assign NCAGEs to all entities that are part of the nation's national territory and assign NSNs to all items of supply that originate in their nation upon request from the NCS user community.
- A Tier 2 nation may introduce
  - an IIG maintenance and NATO Supply Class change proposal in the collaboration procedure (see Chapter II, Sub-Section 253);
  - a NATO Codification System Change Request (NCSCR) using the procedure outlined in Chapter IV, Sub-Section 481;
  - a Problem Report using the procedure outlined in Chapter IV, Sub-Section 482. The Problem Report will be sent to the nation concerned (with copy to all NATO and Tier 2 nations) using NATO Form AC/135-No 4.

- The evaluation and acceptance/non-acceptance of a proposal from a Tier 2 nation remains with the AC/135. The Tier 2 nation will be informed of the final decision
  - via the US of the decision to a IIG or NSC collaboration procedure, as per Chapter II, Sub-Section 253;
  - via the Panel A decision of which it is a full member (see sub-paragraph 142.4.3);
  - via the nation of a decision to a Problem Report.

142.4 **Rights and privileges at meetings**

142.4.1 Partnership Meetings:

AC/135 invites sponsored Tier 1 and Tier 2 countries to participate in all meetings of Main Group and Panel A. Participation in AC/135 Sub-Groups shall be coordinated with the Chairman of the concerned Sub-Group. The agenda, decision sheet and list of actions will be provided to all participants, except for parts of the agenda and decision sheets, which may be classified as “NATO Only”. AC/135 can also invite representatives from NATO Partner Nations even if they are not sponsored.

142.4.2 Partnership meetings – Participation Rules:

Nations invited to participate in the Partnership AC/135 meetings as observers may be invited to address the meeting but will have no voting rights. The agenda and summary of the documents will be provided by the Secretary of AC/135 three weeks ahead of the meetings or at the start of the meetings if a nation had not announced its participation three weeks before. All sponsored nations that have settled their subscription services in support of their Sponsorship will receive copies of the Decision Sheets of all AC/135 meetings.

Depending on subject matter, the Chairman of Main Group can convene a “NATO Only” assembly during the Main Group meeting at his discretion. The Chairman of Panel A can convene a “NATO Only” assembly during the Panel A meeting at his discretion. The minutes of these meetings are distributed only to NATO members.

142.4.3 Tier 2 nations are invited to participate in all AC/135 Main Group and Panel A meetings with the following exceptions:

- a Tier 2 nation cannot chair Main Group meetings,
- a Tier 2 nation cannot break consensus among NATO nations,
- Tier 2 nations can be excluded from Main Group or Panel A sessions at any time and on any topic if a NATO nation asks for a closed session meeting (NATO nations only). If a situation arises where participation of a Tier 2 nation is in question, the Chairman will seek guidance from the AC/135 Main Group.
- a Tier 2 nation can chair a Panel A Task Group meeting upon endorsement from the parent body (AC/135 Main Group and Panel A).
- Tier 2 nations are invited to delegate a representative to participate in the Budget and Strategic Planning Committee (BSC)

142.5 Bilateral Agreements

142.5.1 A separate Bilateral Agreement is required to exchange data with those countries listed in the table below (Sample bilateral agreements are shown in ANNEX B to this chapter)

Country	***Address***	***Phone / Fax / E-mail***
DENMARK	Danish Defence Acquisition and Logistics Organisation National Codification Bureau Lautrupbjerg 1-5 DK-2750 BALLERUP	☎ +45 7257-5930 @ ncbdk.tm@mil.dk
FRANCE	Centre d'Identification des Matériels de la Défense (CIMD) B.P. 10 F-35998 RENNES CEDEX 9	☎ +33 (2) 90 22 6100 🖷 +33 (2) 90 22 6094 @ cimd.dir.fct@intradef.gouv.fr
GERMANY	Bundeswehr Logistics Command (LogKdoBw) Zeppelinstraße 18 D-99096 ERFURT	☎ +49 361 342-68000 🖷 +49 361-342-68999 @ LogKdoBwNCBGE@bundeswehr.org
ITALY	Ministero della Difesa Segretariato Generale della Difesa e Direzione Nazionale degli Armamenti V Reparto 3° Ufficio Via di Centocelle 301 I-00175 ROMA	☎ +39 (06) 469130771 @ r5u3s0@sgd.difesa.it
UNITED STATES [(1)]	DLA Logistics Information Service Attn: U.S. NCB - KPP 74, N. Washington Avenue BATTLE CREEK MI 49037-3084	☎ +1 (269) 961-7752 🖷 +1 (269) 961-7752 @ ncbus@dla.mil

142.5.2 Reimbursement for codification data and services provided by a NATO nation is a national matter which can be specified in the Bilateral Agreement between the NATO nation and the sponsored nation.

142.6 Application Procedures

142.6.1 Tier 1 Sponsorship

142.6.1.1 Requests for sponsorship at Tier 1 level is sent to AC/135 through the Secretary

NATO Support and Procurement Agency (NSPA)
Codification Support Section (LB)
Attn: Secretary AC/135
L-8302 CAPELLEN
LUXEMBOURG

Fax: +(352) 3063 4020
E-mail: ac135secretary@nspa.nato.int

[(1)] For the U.S. the "Bilateral Agreement" takes the form of a Foreign Military Sales (FMS) case for cataloguing services with the U.S. NCB. However, sponsored countries only need an FMS case if they are currently buying codification products or services from the U.S. Otherwise, no bilateral agreement is required.

The request should be a simple letter, signed by a competent authority, stating the intent to use the NCS.

The secretary distributes the request to the NATO nations stating the use of the 6 week silence procedure and the deadline. The 6 weeks silence procedure begins on the date the request is published in NABS. If the silence is broken, a new deadline of 6 weeks will be communicated in the same manner. Depending on the country's relationship with NATO, agreement from CNAD and NAC may be needed prior to signing a sponsorship agreement. The Chairman will send a Sponsorship Agreement to the applying nation for signature. The Sponsorship Agreement will be valid from the moment it is signed by both the commissioned authority of the applying nation and the Chairman of AC/135.

142.6.1.2 When the Secretary receives a request for sponsorship he will acknowledge receipt of the application and invite the applicant to complete a questionnaire (see ANNEX D to this chapter). The responses to the questionnaire will be distributed to the NATO nations to be considered together with the Sponsorship application.

142.6.1.3 AC/135 is empowered by the Conference of National Armaments Directors (CNAD) to approve Sponsorship requests from Partnership Nations. In the case where a contact nation (non-NATO, non-Partnership nation) applies for Tier 1 Sponsorship, the AC/135 Secretary will distribute the request to NATO nations, as described in sub-paragraph 142.6.1.1. Following the unanimous approval of AC/135, the Chairman AC/135 will address a letter to CNAD for the North Atlantic Council (NAC) seeking endorsement. Prior to the NAC approval, the Chairman will identify a NATO nation which will act as "Sponsor" of the applying contact nation according to NAC regulations [(1)].

142.6.2 **Tier 2 Sponsorship**

A Tier 1 sponsored nation may apply for Tier 2 Sponsorship. As a rule, a nation must have been at Tier 1 level for at least one full year before applying for Tier 2 level Sponsorship and all necessary Bilateral Agreements must be in place.

Additionally, before applying for Tier 2 Sponsorship, a Tier 1 sponsored nation has to meet the following prerequisites:

- The Total Item Record -TIR- data file of its NCB must include a set of national NSNs representing a minimum volume of **1% of the total number of References** already codified by the NATO and TIER 2 nations (S-CAGE Codes), this volume corresponding to a minimum of **500 NSNs**. This set of national NSNs can cover Items of Supply that are different from the items codified by the NATO and TIER2 nations but, in such cases, they must relate to different families (codification performed with a variety of Groups-Classes/Item Names).
- National NSNs and NCAGEs have to have been integrated in the NMCRL **for a minimum period of 6 months**.
- The applying nation must be connected to the NATO Mailbox System (NMBS) and NATO Automated Business System (NABS).

The request is submitted to the Secretary of AC/135.

(1) NATO HQ document referenced as PO(2001)225, dated 21 November 2001

The secretary will place this request under a new point of the Agenda of the next Main Group meeting. The NATO or Tier 2 nations which are opposed to this request or which have reserves should express them within the next 6 weeks. If at the end of this period no nation has expressed any opinion the secretary will create a new point on the Agenda of the next Panel A meeting and the Chairman of Panel A will indicate the nations which, in collaboration with NSPA, will carry out the tests on the systems of the applicant Tier 2 nations as stipulated in Chapter V, Section 590.

If the testing is successful, AC/135 will approve the request and the decision will be appended to the original Sponsorship Agreement. If testing is not successful, AC/135 will decide, in co-operation with the applying nation, which action to pursue.

To assist Tier 2 candidate nations in the completion of the steps that comprise Tier 2 acceptance, a Checklist has been prepared. It can be found in Appendix 3 of Annex E of this Chapter of ACodP-1.

142.7 **Sponsorship Tasks for NSPA on behalf of the AC/135 Secretariat**

142.7.1 Once a nation has obtained sponsorship it will require a number of administrative and technical services to effectively use or prepare to use the NCS. The services are provided by NSPA on behalf of AC/135 on a cost recoverable basis. The tasks of NSPA are outlined in the AC/135 budget for the respective year and maintained in the financial folder of NABS.

142.7.2 NSPA shall maintain a list of the service charges subject to approval by Main Group. The list is published in CodSP-74.

142.8 **Revocation/Cancellation of the Sponsorship Agreement**

142.8.1 In the unlikely event that a Sponsorship Agreement is being revoked / cancelled the parties concerned shall follow the rules below.

142.8.2 A sponsored nation wishing to terminate their Sponsorship shall formally inform the Secretary of AC/135 of their intent to revoke the agreement.

The Secretary of AC/135 shall inform the NATO Group of National Directors on Codification and NSPA of the sponsored nation’s revocation request.

On decision of the NATO Group of National Directors on Codification, the Secretary AC/135 shall initiate the cancellation of the sponsored nation’s

- NCB code;
- NCAGE Codes;
- MOE Code.

NSPA shall, on decision of the NATO Group of National Directors on Codification,

- initiate the conversion of Tier 2 sponsored nation’s NCAGEs to S-code NCAGEs;
- inform the users of Tier 2 sponsored nation’s NATO Stock Numbers for further action;
- initiate the deletion of the sponsored nation's NATO Stock Numbers in the NMCRL to be replaced by NSNs created by NATO or Tier 2 nations using those items;
- delete NCAGE data from the sponsored nation in NMCRL.

142.8.3 A NATO nation wishing to have a Sponsorship Agreement with a sponsored nation terminated shall formally put in a request for cancellation to the NATO Group of National Directors on Codification and to the AC/135 Secretary.

The AC/135 Secretary distributes the request to all NATO nations. NATO nations should provide formal written concurrence or non-concurrence to the request.

In case non-concurrence is expressed by one of the NATO nations, the request for cancellation will be denied.

In case the request is approved, the NATO Group of National Directors on Codification, through the Secretary AC/135, will inform the sponsored nation of the decision to cancel the Sponsorship Agreement. The Secretary of AC/135 and NSPA will perform the same tasks as if the sponsored nation terminated the agreement (see 142.8.2).

142.8.4 **Sponsorship suspension**

142.8.4.1 **Suspension for non-payment of fees**

NSPA administers all aspects of the sponsorship on behalf of AC/135, including maintenance of contact lists, invoicing, receiving payment and providing services. A reasonable time will be given to effect payment in response to invoices and where a sponsored nation is in arrears with payments, NSPA must first ensure that the invoice has reached the proper authority before any other action is undertaken.

Where payment has not been received within one year of the Invoice date, NSPA will initially advise the Chairman of AC/135 Main Group, who will write to the NCB outlining the consequences of failure to pay or to meet other obligations required by the sponsorship agreement. If this action fails to resolve the situation, an agenda item will be raised on the next Main Group meeting, for endorsement of formal suspension of sponsorship. The secretary will then inform the nation that all privileges outlined in ACodP-1 have been withdrawn. The nation will no longer be invited to the Partnership meetings at Panel A and Main Group or provided with services by NSPA until all arrears are cleared and payment is resumed.

If a nation whose membership has been suspended wishes to reactivate their sponsorship, this will be reported through the Chairman at the next Main Group meeting. The Directors could then agree to cancel the suspension and secretary will then inform the nation that all privileges outlined in ACodP-1 have been recovered and the nation will again be invited to the Partnership meetings at Panel A and Main Group and provided with services by NSPA.

142.8.4.2 **Suspension for political reasons**

AC/135 may be required to suspend a nation from sponsorship as a result of a political decision made by the NATO nations and promulgated by NATO headquarters. When that happens, NSPA will inform the Main Group, and the secretary will raise an agenda item at the next Main Group meeting. The secretary will also inform the nation that all privileges outlined in ACodP-1 have been withdrawn. The nation will no longer be invited to the Partnership meetings at Panel A and Main Group or provided with services by NSPA until the political decision is changed.

142.8.4.3 **Technical consequences of sponsorship suspension**

When a nation is suspended from sponsorship, a number of actions will be required by NSPA and the nations in addition to the fact that the suspended nations will no longer be invited to AC/135 meetings. These actions will only be taken after the suspended nation's NCB and all nations of AC/135 have been informed and an effective date has been given:

(a) Accounts for the NATO Mail Box System (NMBS) and NATO Business System (NABS) shall be disconnected.

(b) The Tier 2 suspended nation will no longer assign NCAGE codes to entities that are located in the nation. NCAGE assignment and maintenance will revert to the procedures that are applicable to "S" prefix NCAGEs. The suspended nation's existing NCAGEs will remain in the NCS database in the near term. However, AC/135 will continuously review the situation, and at some point may direct NSPA to convert that suspended nation's existing NCAGEs back to "S" prefix NCAGEs.

(c) The Tier 2 suspended nation will no longer assign NSNs to items of supply that originate in the nation. In the near term, the suspended nation's TIR data will stay in the NMCRL database with no deletions or changes. NATO and Tier 2 sponsored NCBs requiring an NSN for an Item(s) of Supply that originates in the suspended nation will assign their own NSN(s) to the item. However, AC/135 will continuously review the situation, and at some point may decide to convert the suspended nation's NSN data.

(d) If at some point AC/135 decides to delete the suspended nation's data from the NCS database, NSPA shall archive all the data of the nation so that it can be restored in the event that the political decision is changed.

(e) In some cases where suspension of a nation occurs for political reasons, NMCRL subscriptions may also be cancelled, for government subscribers and even industry subscribers. In such cases, AC/135 actions will be based entirely on guidance provided by NATO headquarters.

142.8.4.4 **Actions performed as consequences of sponsorship suspension**

If mandated by AC/135 as per 142.8.2 and 142.8.4.3 (d), a number of actions are required to be performed by NSPA and the foreign users of the NSNs assigned by the suspended nation.

Deletion of the suspended nation's data from the NCS database is managed by NSPA in cooperation with the foreign users of the NSNs involved according to the following process:

(a) NSPA takes over the suspended nation's NCAGE Code management;

(b) NCBs registered as users of the suspended nation's NSNs perform withdrawal of user registration using their own national codification software;

(c) NCBs registered as users of the suspended nation's NSNs create their own new replacement NSNs, if needed. Where any of the suspended nation's NSNs have more than one registered user, there must be mutual agreement on who will assign the new NSNs;

(d) NCBs send the newly created replacement NSNs for inclusion in the NCS database and inform NSPA;

(e) NSPA archives all of the suspended nation's NSNs (thereby making them invisible in NCS database).

142.8.4.5 **Financial consequences of sponsorship suspension**

Depending on the situation, NSPA and AC/135 may receive guidance from NATO headquarters that the suspended nation should receive a partial reimbursement of the fees it has paid for sponsorship services. If a partial reimbursement is authorized, it will be carried out after coordination among the AC/135 secretary, NSPA's Finance Division, and the suspended nation.

If the political situation changes in such a way that a nation whose membership was suspended for political reasons may again be eligible for sponsorship, NSPA will inform AC/135 of the change. Whether the suspension is lifted immediately or at a later time will be based on guidance provided to the Committee by NATO headquarters through the International Staff.

142.8.5 **Sponsorship cancellation**

After five years of suspension, the former sponsored country will be deemed to have demonstrated that it is no longer interested in the NATO Codification System. The situation will be raised on the next Main Group meeting, for endorsement by the directors of formal cancellation of sponsorship.

If Main Group endorses the cancellation, the secretary will then inform the nation that its membership of the NCS is revoked.

Regardless of whether the cancellation of sponsorship was for administrative or political reasons, all references or data from this country will then be removed from NMCRL.

If a nation whose sponsorship agreement has been cancelled for non-payment of fees wishes to reactivate its sponsorship agreement, the full approval cycle must be completed in accordance with Paragraphs 142.1, 142.2 and 142.6. This is to include national statements by all NATO members, and NAC approval where appropriate. After all requirements are met, the nation will then be reinstated.

Sub-Section 143 - Assistance to establish codification capabilities (BASELOG Concept)

143.1 Purpose

AC/135 Main Group has established the BASELOG Concept, recognising the need for sponsored countries to be assisted in reaching the necessary standards for full participation in the NCS. The BASELOG Concept provides a methodology and procedures for requests for assistance to be received by AC/135 through NSPA and circulated to AC/135 members for evaluation of their capabilities to provide help. By this means a coordinated response from AC/135 can be provided in all cases and support rendered in the most effective manner.

The BASELOG Programme does not preclude the possibility of a nation requesting assistance directly from NATO and other nations on a bilateral basis.

143.2 Scope

The BASELOG Concept is available to all of the following countries.

- Sponsored countries; any AC/135 sponsored country is eligible to seek assistance under the BASELOG Concept.
- NATO Partner Nations [(1)], as defined accordance with NATO general policies on cooperation; any Partner Nation, whether it is sponsored by AC/135 or not, can participate. Partner Nations interested in participating are encouraged to seek Sponsorship.
- NATO countries; any NATO country is eligible to participate in the BASELOG Programme.

For codification assistance supported through the BASELOG Programme to be effective, it is necessary for a client country to adopt an “intelligent customer” approach. A client country should fully specify details of the problem that needs to be resolved or the area of business and organisation for which assistance is required.

143.3 Types of assistance

143.3.1 Workshops, seminars

Workshops and seminars are conducted to convey information about the NCS to nations who are considering adopting this system and to discuss how the NCS may fit into a nation’s logistics concepts. AC/135 may support such a requirement with a single representative, a few representatives or high level representation depending on the scope of the workshop or seminar. In some cases AC/135 will seek remuneration for this service.

143.3.2 Bilateral assistance

In some cases it will be possible for a client country, which has a well-defined codification concept and strategy already developed, to find a requirement that is covered fully by specific services offered by a NATO country. If a single country can provide the type and degree of support required in order to meet the need, the detailed arrangements for investigation and implementation of the solution will be a matter for bilateral agreement between the client and NATO countries.

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(1) Partner nations are nations having established a cooperation programme with NATO including Partnership for Peace (PfP), Mediterranean Dialogue (MD), Istanbul Cooperation Initiative (ICI) or other nations approved by NAC for cooperation with AC/135.

Information about training capabilities of participating nations can be found at the AC/135 web site at www.nato.int/codification , rubric “Training”.

143.3.3 NATO coordinated assistance

In other instances it may prove necessary for a combination of NATO country capabilities to be deployed in order to provide an adequate solution. For these responses one of the participating NATO countries or NSPA will take the lead in coordinating efforts between the requesting country and the providing countries.

143.4 **BASELOG Procedures**

143.4.1 Subscription procedures

A country can initiate requests for support from the BASELOG Programme through a simple request to the AC/135 Secretary at NSPA:

NATO Support and Procurement Agency (NSPA)
Codification Support Section (LB)
Attn: AC/135 Secretary
L-8302 CAPELLEN
LUXEMBOURG

Fax: +(352) 3063 4020
E-mail: ac135secretary@nspa.nato.int

143.4.2 Questionnaire

If a client country has not answered a questionnaire when applying for Sponsorship (see ANNEX D to this chapter), the Secretary will prepare a questionnaire for the country to determine the state of its codification capabilities and the links to the national logistics systems. The information of the questionnaire is distributed to NATO countries that are potential BASELOG service providers.

143.4.3 Where a single provider country is selected the arrangement of a bilateral agreement covering the specified project or service will be negotiated directly between the parties. Payment for service provision will form part of that agreement.

143.4.4 Where a NATO coordinated assistance is selected all financial arrangements will be on a bilateral basis with the individual NATO countries involved.

143.5 **Reporting**

143.5.1 Nations seeking information and guidance on the implementation may approach several NATO nations for this information at the same time. It is in the interest of AC/135 to avoid duplication of efforts and, where possible, to present a coordinated approach for these nations. NATO countries involved in providing bilateral assistance to non-NATO countries should therefore report to AC/135 Main Group once a year. The report should cover the following areas:

- Details of support
- Details of formal project start
- Estimation of completion date
- Description of project status
- Description of project problems and difficulties or lessons learned which might be taken into account in dealing with future requests for BASELOG support.

143.5.2 The reports are to be submitted bi-annually in time for consideration by the AC/135 Main Group and should reach the AC/135 Secretary not later than 6 weeks before each AC/135 Main Group meeting.

143.5.3 **Instructions for completion of NATO Form AC/135-No 33 "BILATERAL SUPPORT TO BASELOG CLIENTS"**

Block	Instructions
1	Indicate the "3-letter" Country Code of the reporting NCB according to ISO 3166-1 and as listed in CodSP-3 (see Note*)
2	a) Indicate date and national reference (optional). b) Indicate control number (mandatory) composed of: - MOE Code of the requesting NCB/NSPA (e.g. ZZ); - the current Julian date (e.g. 97330) and - a serial number (e.g. 01, 02, 03, ...) , the use of digital and alphabetical characters being allowed.
3	Report to AC/135
4	Detail of the support being given under the headings Codification Services, Consultation Services, Training or other.
5	Formal start date of support project.
6	Estimated completion date of support.
7	Description of project status.
8	Description of project problems and difficulties or lessons learned, which might be taken into account in dealing with future requests for BASELOG support
9	Remarks not covered in previous entries.
10	Signature of the responsible authority.

* Note: NSPA having no NATO code, will be referred to as "NSPA"

NATO CODIFICATION SYSTEM - SYSTÈME OTAN DE CODIFICATION

BILATERAL SUPPORT TO BASELOG CLIENTS /
SUPPORT BILATÉRAL DES CLIENTS BASELOG

1 FROM / DE			**3** TO / POUR		
2 REFERENCE / RÉFÉRENCE	DATE		MOE CODE / CODE ORG	JULIAN DATE / DATE JULIENNE	SERIAL No. / N° SÉRIE
4 DETAIL OF SUPPORT / RENSEIGNEMENTS SUR LE SOUTIEN					
5 PROJECT START / DÉBUT DU PROJET			**6** COMPLETION DATE / DATE D'ACHÈVEMENT		
7 PROJECT STATUS / ÉTAT D'AVANCEMENT DU PROJET					
8 DESCRIPTION OF PROJECT PROBLEMS / DESCRIPTION DES PROBLÈMES DU PROJET					
9 REMARKS / REMARQUES			**10** SIGNATURE		

NATO FORM AC/135-No 33 **(03.01)** **FORMULAIRE OTAN AC/135-N° 33**

Sub-Section 144 – Allocation of national CAGE codes to Tier 1 countries

144.1 **Purpose**

A Tier 1 Sponsored country can allocate national CAGE codes and maintain a cross reference to the corresponding S-type CAGE codes, which will be used in NCS and NMCRL until the sponsored country reaches Tier 2 status. The sponsored country will participate in the quality control of all CAGE information from that country.

The purpose of introducing this possibility is to facilitate the change from S-type CAGE to NCAGE codes when a Tier 1 country is granted Tier 2 status. The national CAGE codes will not be used in NCS data exchanges and they will not appear in NMCRL except in cases where Tier 1 data has been accepted for inclusion into NMCRL. In such cases, the data will be marked.

144.2 **Procedures**

A Tier 1 country can allocate national CAGE codes.

A Tier 1 country wishing to assign national CAGE codes will inform NSPA accordingly. NSPA will produce a listing of all S-type CAGE information pertaining to the Tier 1 country and ask the country to verify and validate the information in this file. When the national information has been reconciled with the S-type CAGE information, the Tier 1 country will allocate national CAGE codes to all the existing S-type CAGE codes and will maintain a cross-reference file between the two sets of codes. NSPA will inform the Tier 1 country maintaining the cross-reference file on a regular basis about newly assigned non-NATO CAGEs (S-type CAGEs).

The Tier 1 country is responsible for the maintenance of the cross-reference file.

Section 150 – NATO Standardization Agreements (STANAGs) on Codification

AC/135 is responsible for the following STANAGs:

- STANAG 3150 : Codification – Uniform System of Supply Classification.
- STANAG 3151 : Codification – Uniform System of Item Identification.
- STANAG 4177 : Codification – Uniform System of Data Acquisition.
- STANAG 4199 : Codification – Uniform System of Exchange of Materiel Management Data.
- STANAG 4438 : Codification – Uniform System of Dissemination of Data Associated with NATO Stock Numbers (NSN).

The processing of STANAGs by AC/135 will follow the rules and procedures established by NATO Headquarters as outlined in Allied Administrative Publication AAP-03 - Directive for the Production, Maintenance and Management of NATO Standardization Agreements (STANAGs) and Allied Publications (APs).

STANAG 3150
(Edition 8)
NAVY/ARMY/AIR

STANAG 3150

NATO STANDARDIZATION AGREEMENT (STANAG)

CODIFICATION
UNIFORM SYSTEM OF SUPPLY CLASSIFICATION

Related Documents: STANAG 3151 - Codification - Uniform System of Item Identification
ACodP-1 - NATO Manual on Codification

AIM

1. The aim of this agreement is to provide a uniform system of supply classification for use by the Armed Forces of the NATO countries.

AGREEMENT

2. Participating nations agree to the following:

   a. The United States "Federal Supply Classification System" is adopted as the NATO Supply Classification System.

   b. The NATO Uniform System of Supply Classification, together with the NATO Uniform System of Item Identification (STANAG 3151), forms the basis for the NATO Codification System.

   c. All signatories participating in this agreement will use the NATO Supply Classification System.

   d. The NATO Group of National Directors on Codification (AC/135) is accepted as the responsible body to ensure the continuity and the interpretation of the system as described in the NATO Manual on Codification (ACodP-1).

   e. Maintenance of the NATO Supply Classification System is vested in the United States.

   f. Rules for decisions on changes are contained in ACodP-1 as maintained by the Group of National Directors on Codification.

   g. The method and rate of application of this STANAG within each NATO country shall remain a matter of national discretion.

   h. No signatory will terminate this agreement without three months formal notice to the other signatories.

IMPLEMENTATION OF THE AGREEMENT

3. This STANAG is implemented when the provisions detailed in this agreement have been included in the national documentation concerned.

STANAG 3151
(Edition 10)
NAVY/ARMY/AIR

STANAG 3151

NATO STANDARDIZATION AGREEMENT (STANAG)

CODIFICATION
UNIFORM SYSTEM OF ITEM IDENTIFICATION

Related Documents: STANAG 3150 - Codification - Uniform System of Supply Classification
ACodP-1 - NATO Manual on Codification

AIM

1. The aim of this agreement is to provide a uniform system of item identification for use by the Armed Forces of the NATO nations, as well as AC/135 sponsored countries[(1)].

AGREEMENT

2. Participating nations agree to the following:

   a. The United States "Federal System of Item Identification" is adopted as the basis for the NATO Item Identification System.

   b. The NATO Uniform System of Item Identification, together with the NATO Uniform System of Supply Classification (STANAG 3150), forms the basis for the NATO Codification System.

   c. All signatories participating in this agreement will use the NATO Item Identification System.

   d. The NATO Group of National Directors on Codification (AC/135) is accepted as the responsible body to ensure the continuity and the interpretation of the system as described in the NATO Manual on Codification (ACodP-1).

   e. Rules and procedures for the NATO Codification System are published in the NATO Manual on Codification (ACodP-1) under the authority of AC/135. Agreements may be entered into between countries to supplement the dispositions of ACodP-1, but they must refer to this Manual and no contradictory dispositions shall be included.

   f. The considerable interdependence of the system among the NATO nations and AC/135 sponsored countries necessitates a constant co-ordination of interests. Any major development or change envisaged by one partner will therefore be communicated to the other signatories in sufficient time to examine its implications and effects and for establishment of implementation details.

   g. A uniform stock numbering system, based on the main principle that design control authority countries normally codify their products for all user countries, will be applied. When the main principle cannot be applied, alternative procedures are published in ACodP-1.

(1) PO(2001)225 dated 20 December 2001

h. A NATO Stock Number (NSN) of 13 digits in length, composed of a 4 digit NATO Supply Classification Code and a 9 digit NATO Item Identification Number (NIIN) is accepted by all signatories for assignment to an item of supply. The 9 digit NATO Item Identification Number is composed of a 2 digit NATO Code for the National Codification Bureau (NCB) plus a 7 digit non-significant number assigned by the individual NCB.

Example:

<table>
<tr><td>1005</td><td>13</td><td>123 4567</td></tr>
<tr><td>NATO Supply Classification Code</td><td>NATO Code for NCB</td><td>Non-significant Number</td></tr>
<tr><td></td><td colspan="2">NATO Item Identification Number (NIIN) - (Note 1)</td></tr>
<tr><td colspan="3">NATO STOCK NUMBER (NSN) - (Note 1)</td></tr>
</table>

NOTE: (1) Terms used by the United States for US assigned NSNs:
"National Item Identification Number" for "NATO Item Identification Number" and "National Stock Number" for "NATO Stock Number".

To provide recognition at all times of NATO Stock Numbers the 13 digit NSN as illustrated above shall not be separated by supply management codes or other symbols.

i. It will remain a principle of the NATO Codification System that an item of supply produced in more than one country shall be assigned the same NATO Stock Number when the signatories concerned agree that the items are identical.

j. The method and rate of application of this STANAG within each NATO nation shall remain a matter of National discretion.

k. No signatory will terminate this agreement without three months formal notice to the other signatories.

IMPLEMENTATION OF THE AGREEMENT

3. This STANAG is implemented when the provisions detailed in this agreement have been included in the national documentation concerned.

STANAG 4177
(Edition 5)
NAVY/ARMY/AIR

STANAG 4177

NATO STANDARDIZATION AGREEMENT (STANAG)

CODIFICATION UNIFORM SYSTEM OF DATA ACQUISITION

ANNEX A: Contract Clause Relating to the Supply of Technical Data for Identifying Items of Supply within the NATO Codification System.

Related documents: STANAG 3150 - Codification - Uniform System of Supply Classification.
STANAG 3151 - Codification - Uniform System of Item Identification.
ACodP-1 - NATO Manual on Codification

AIM

1. The aim of this agreement is to provide the policy for execution of a uniform system of data acquisition for use by the armed forces of the NATO countries and by NATO Agencies in Codification.

AGREEMENT

2. Participating countries agree to the following:

   a. Contracts for the supply of equipment and spare parts will include a clause, or an equivalent contractual instrument, for furnishing on request to the Codification Authority in the country of design or production such Technical Data as may be required for item identification purposes.

   b. Technical information extracted for codification purposes from manufacturers' documentation may under this agreement be used for national and international governmental transactions. In the event of any part of it being categorized "Commercial in Confidence" such information will not be released outside governmental circles without the written authority of the manufacturer.

   c. Some national Codification Authorities require that draft item identifications are prepared by the contractor as part of the Technical Data to be delivered under the contract. The extent and form of these draft item identifications is to be agreed between the contractor and the pertinent Codification Authorities with suitable conditions included in the final contract.

   d. Conditions for the delivery of the Technical Data required for identification of items of supply are to be included in all contracts for equipment and spare parts.

   e. All signatories participating in this agreement will in their contracts use a contract clause on the lines of the attached Annex A requiring contractors to furnish Technical Data as applicable. The clause may be substituted by equivalent contractual arrangements if so desired, as long as the delivery of proper documentation is guaranteed.

   f. The method and rate of application of this STANAG within each NATO country shall remain a matter of national discretion.

g. No signatory will terminate this agreement without three months formal notice to the other signatories.

IMPLEMENTATION OF THE AGREEMENT

3. This STANAG is implemented when the provisions detailed in this agreement are included in the national documentation concerned.

ANNEX A to
STANAG 4177
(Edition 5)

ANNEX A to STANAG 4177

CONTRACT CLAUSE RELATING TO THE SUPPLY OF TECHNICAL DATA FOR IDENTIFYING ITEMS OF SUPPLY WITHIN THE NATO CODIFICATION SYSTEM

1. In this Clause:

   a. "Codification Authority" means the National Codification Bureau (NCB) or Authorized Agency for Codification located in the country of design of the item(s) covered by this contract if the contractor is located in a NATO country or in an sponsored Tier 2 country and if the contractor is not located in a NATO country or in an sponsored Tier 2 country the "Codification Authority" will be the National Codification Bureau or Authorized Agency of the country where the "Contracting Authority" is located.

   b. "Contracting Authority" means the procurement activity of a NATO country or a NATO Management Authority/ Activity.

   c. "Technical Data" means the engineering drawings, standards, specification and/or technical documentation required to fully identify the items designated by the Contracting Authority to support the equipment covered by the contract.

   d. "Equivalent contractual instrument" means an agreed formal contractual statement by which a contractor undertakes to furnish technical data in support of codification.

2. Technical Data (comprising drawings, specifications, catalogues or any other information describing the physical characteristics of an item) is required to enable codification to be undertaken for the identification and management of materiel as required by the NATO Codification System (NCS).

   The contractor shall make available to the Codification Authority, within the timescales specified, the necessary technical data for all items supplied under this contract. This information can be provided either as 'hard copy' drawings, specifications etc. or, where appropriate and available, via access by the Codification Authority to electronic data held at a specific World-Wide Web site address.

   The contractor shall dispatch the data or arrange for access to the data via the web, from sub-contractors or suppliers on request from the Codification Authority within the timescales specified in the contract.

   In addition to the initial provision of technical data the contractor shall also provide any updated information on all items specified in this contract resulting from agreed modifications, design or drawing changes as and when these changes are made during the life of the contract.

3. The contractor shall include the terms of this clause or an equivalent contractual instrument in any sub-contract(s) to ensure the availability of technical data to the Codification Authority. If dispatch of the data takes place from the sub-contractor or supplier, the contractor shall provide details of sub-contract numbers or similar to enable the Codification Authority to approach the sub-contractor or supplier direct for the data.

4. In the event of a sub-contract order being placed with a manufacturer in a non-NATO country, the contractor shall be responsible for obtaining the necessary technical data from the sub-contractor/supplier and furnishing it to the Contracting Authority.

5. The Technical Data for codification purposes shall include the name and address of the Design Control Authority(s), the Design Control Authority's drawing or item part number(s), standards/ specifications reference number(s) and item name(s), if these elements have not been provided in the Recommended Spare Parts List (RSPL) supplied in the initial provisioning phase, such that contractors will not be misled.

6. If the contractor/sub-contractor or supplier has previously supplied Technical Data for codification purpose on any of the items covered in this contract to the requesting Codification Authority, he is to state this fact and to indicate to which NCB/Codification Agency they were supplied. He shall not under normal circumstances be required to make further supply of the data already provided.

7. The contractor, sub-contractor or supplier shall contact the Codification Authority in his country for any information concerning the NATO Codification System.

STANAG 4199
(Edition 4)
NAVY/ARMY/AIR

STANAG 4199

NATO STANDARDIZATION AGREEMENT (STANAG)

CODIFICATION
UNIFORM SYSTEM OF EXCHANGE OF MATERIEL MANAGEMENT DATA

Related documents:	STANAG 3150	-	Codification - Uniform System of Supply Classification
	STANAG 3151	-	Codification - Uniform System of Item Identification
	ACodP-1	-	NATO Manual on Codification

AIM

1. The aim of this agreement is to provide a uniform system of exchange of materiel management data for use by the armed forces of the NATO countries.

AGREEMENT

2. Participating nations agree to the following:

   a. The United States System of processing of Materiel Management Data is adopted as the basis for the NATO System of Exchange of Materiel Management Data.

   b. The NATO System of Exchange of Materiel Management Data forms, together with the NATO Codification System (STANAGs 3150 and 3151), the basis for the NATO Cataloguing System.

   c. All signatories participating in this agreement will use the NATO System of Exchange of Materiel Management Data.

   d. The NATO Group of National Directors on Codification (AC/135) is accepted as the responsible body for the policy relative to development, maintenance and interpretation of the system.

   e. Rules and procedures for the NATO System of Exchange of Materiel Management Data, are published in the NATO Manual on Codification (ACodP-1) under the authority of the Group of National Directors on Codification. Agreements may be entered into between countries to supplement the dispositions of the NATO Manual on Codification but they must refer to that Manual and no contradictory dispositions shall be included.

   f. The NATO System of Exchange of Materiel Management Data is applicable to all NATO Organizations managing items of supply on behalf of the signatories.

   g. The NATO System of Exchange of Materiel Management Data is based on the principle that the country codifying an Item of Supply under the rules covered by STANAGs 3150 and 3151 provides the management data to the other user countries and agencies.

   h. The method and rate of application of this STANAG within each NATO country shall remain a matter for national discretion.

i. No signatory will terminate this agreement without three months formal notice to the other signatories.

IMPLEMENTATION OF AGREEMENT

3. This STANAG will be considered as implemented when the provisions detailed in this agreement have been included in the national documentation concerned.

STANAG 4438
(Edition 2)
NAVY/ARMY/AIR

STANAG 4438

NATO STANDARDIZATION AGREEMENT (STANAG)

CODIFICATION OF EQUIPMENT UNIFORM SYSTEM OF DISSEMINATION OF DATA ASSOCIATED WITH NATO STOCK NUMBERS

Related Documents	STANAG 3151	-	Codification - Uniform System of Item Identification
	STANAG 4199	-	Codification - Uniform System of Exchange of Materiel Management Data
	ACodP-1	-	NATO Manual on Codification

AIM

1. The aim of this Agreement is to provide a uniform system for the dissemination of data associated with NATO Stock Numbers (NSNs) for use by the Armed Forces of the NATO countries.

AGREEMENT

2. Participating nations agree to the following:

   a. A NATO country may disseminate to other NATO countries or NSPA its NATO codification and management data associated with the NSNs of Items of Supply codified by that country as provided in the NATO Manual on Codification, ACodP-1, Sub-Sections 112.2 and 132.1;

   b. A NATO country may disseminate to other NATO countries or NSPA its limited rights data and its administrative or procedural data associated with the NSNs of Items of Supply codified by that country or other countries in its discretion;

   c. A NATO country may disseminate to non-NATO countries its limited rights data, its NATO codification or management data, and its administrative or procedural data associated with the NSNs of Items of Supply codified by that country or other countries as a matter of national discretion;

   d. A country may disseminate another country's NSN, item name and reference. It shall not disseminate the following:

      - any other NATO codification or management data associated with the NSNs of Items of Supply codified by another country;
      - another country's administrative or procedural data associated with the NSNs of Items of Supply codified by that country or other countries, or
      - another country's limited rights data.

A country may disclose data, to which it has access pursuant to this Agreement, to its governmental civilian and military agencies that require the data for logistics purposes, and to contractors that are subject to non-disclosure agreements and that need access to such data in the performance of their contractual duties in support of such Agencies. NSPA shall not disseminate such data except in accordance with the Memorandum of Understanding Concerning NSPA Services in Support of the NATO Codification System. A country may agree that its data may be disseminated by other countries or NSPA, with such restrictions as it deems appropriate;

e. The NATO Group of National Directors on Codification (AC/135) is accepted as the responsible body for the policy related to the development, maintenance and interpretation of the uniformity of data dissemination;

f. Agreements may be entered into between countries to supplement the dispositions of this STANAG and the NATO Manual on Codification, but they must refer to this STANAG and the Manual and no contradictory dispositions shall be included;

g. The considerable interdependence of the codification system including the dissemination of data, among the NATO countries necessitates a constant co-ordination of interests. Any major development or change anticipated by one country that could affect the dissemination of data as provided by this STANAG shall be communicated to the other signatories so that its implications and effects can be examined;

h. The NATO System of Dissemination of Data is applicable to all NATO Organizations possessing data associated with NSNs;

i. Rules for decisions on changes are contained in the NATO Manual on Codification as maintained by the Group of National Directors on Codification;

j. The method and rate of application of this STANAG within each NATO country shall remain a matter for national discretion;

k. No signatory will withdraw from this Agreement without three months' formal notice to the other signatories.

IMPLEMENTATION OF THE AGREEMENT

3. This Agreement is implemented when the provisions detailed in this Agreement have been included in the national documentation concerned.

ANNEX A
-
NSPO AGREEMENT No. 1901 :

MEMORANDUM OF UNDERSTANDING (MOU) BETWEEN AC/135 GROUP OF NATIONAL DIRECTORS ON CODIFICATION AND NATO SUPPORT AND PROCUREMENT AGENCY CONCERNING NSPA SERVICES IN SUPPORT OF THE NATO CODIFICATION SYSTEM

1. Whereas the Terms of Reference[1] for the Group of National Directors on Codification (AC/135), approved by the Conference of National Armaments Directors on 10 June 2014 task AC/135 to develop and maintain NATO Codification System (NCS) policy, procedures and agreements with, inter alia, the aim to engage with NATO bodies and organisations to promote the use of the NCS and to improve operational support or capability development cooperation.

2. Whereas in accordance with the NSPO Charter[2] (within Section II : MISSION), NSPO's mission is to provide responsive, effective and cost-efficient acquisition, including armaments procurement; logistics; operational and systems support and services to the Allies, NATO Military Authorities and partner nations, individually and collectively, in time of peace, crisis and war, in order to maximize the ability and flexibility of their armed forces, contingents, and other relevant organisations, within the guidance provided by the NAC, to execute their core missions.

3. Whereas under the NSPO Charter an executive body called the NATO Support and Procurement Agency (NSPA) has been established.

4. Whereas NSPA provides logistic support and services to the NATO Allies, NATO Military Authorities, and partner nations either individually or collectively, or associated, for common NATO Projects.

5. Whereas the Group of National Directors on Codification has established in the Allied Codification Publication (ACodP-1) that:

   - The NATO Codification System (NCS) is designed to achieve maximum effectiveness in national and international logistics support.
   - NSPA is considered as the sole NATO Agency participating in and operating the NATO Codification System; all other NATO Agencies should obtain the codification data from NSPA.

6. Whereas AC/135 approved this MOU (REF AC/135-DS(2015)0001 (PFP) dated 6 August 2015) and authorized its Chairman to sign it.

7. Whereas the NSPO ASB approved this MOU (REF AC/338-D(2015)0030-AS1 dated 17 September 2015) and authorized the NSPA General Manager to sign it.

Now, therefore, the AC/135 Group of National Directors on Codification, acting in the name of its member states, and NSPA agree as follows:

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[1] AC/259-D(2014)0035

[2] C-M(2015)0012, Annex 1

ARTICLE 1 - ABBREVIATIONS

AC/135	The Group of National Directors on Codification
AC/135 HB	The Group of National Directors on Codification Handbook on Aims, Organization and Working Procedures
ACodP-1	NATO Manual on Codification
AP	Allied Publication
NSPA	NATO Support and Procurement Agency
NSPO	NATO Support and Procurement Organization
NCS	NATO Codification System
NSN	NATO Stock Number
STANAG	Standardization Agreement

ARTICLE 2 - PURPOSE

2.1 The purpose of this MOU is to provide the basis upon which NSPA will perform Codification Support Services to the users of the NATO Codification System as specified by AC/135.

2.2 Note: The Codification Services to be provided within NSPO for NSPA customers (e.g., under the terms of relevant NSPA Operating Instructions) do not fall under this MOU.

ARTICLE 3 - RESPONSIBILITIES

3.1 Role and Responsibilities of the AC/135

3.1.1 The role and responsibilities of the AC/135 are defined by the Group of National Directors on Codification and defined in the Handbook on Aims, Organization and Working Procedures (AC/135 HB).

3.1.2 AC/135 has overall responsibility for operating the NATO Codification System, defining and monitoring the services to be provided and the related policies and procedures.

3.2 Role and Responsibility of NSPA

3.2.1 NSPA, as the executive body of NSPO, will seek approval from the NSPO ASB on all those tasks assigned to it (see 3.2.2 below), including relevant financing, in accordance with established policy and procedures.

3.2.2 The tasks to be undertaken by NSPA in support of the NCS shall include:

3.2.2.1 creation and operation of files in accordance with decisions taken by AC/135;

3.2.2.2 data exchange with the users of the NCS, as far as feasible by use of data communications;

3.2.2.3 participation in and co-ordination of codification support for NATO Agencies, NATO Military Commands, and NATO Bodies;

3.2.2.4 participation in meetings with AC/135 Main Group, Panels, Working and Task Groups as needed for the establishment and the co-ordination of operating procedures;

3.2.2.5 travel on behalf of AC/135 for the purpose of training, marketing, and representation as directed by the Committee through the Main Group.

3.2.3 NSPA shall provide to AC/135 an annual report on the tasks performed in accordance with procedures to be defined in the ACodP-1.

3.2.4 The tasks listed in sub-paras. 3.2.2.1. through 3.2.2.5. above are elaborated in the AC/135 Handbook on Aims and the annual Programme of Work that AC/135 assigns to NSPA, as may be appropriate.

ARTICLE 4 - NSPA'S RELATIONSHIP WITH AC/135

4.1 NSPA is considered as the sole NATO Agency participating in and operating the NCS on behalf of all other NATO Agencies.

4.2 AC/135 and NSPA will establish and maintain such routine contacts with each other and with the effective and potential common users as may be required to provide the agreed support and services.

4.3 NSPA will refer to AC/135 for resolution of any conflicting priorities that may arise in the discharge of NSPA responsibilities as assigned under the terms of this MOU.

ARTICLE 5 - PROCEDURES

5.1 Procedures proposed by NSPA for codification support directly related to AC/135 tasks will be subject to AC/135 approval and promulgation in the ACodP-1.

5.2 Procedures developed by AC/135, insofar as they refer to actions by NSPA, will be subject to NSPA's co-ordination prior to final approval by AC/135 and promulgation.

ARTICLE 6 - NSPO REGULATIONS AND PROCEDURES

6.1 NSPO Regulations and procedures and Functional Directives will apply, except deviations mutually agreed by AC/135 and NSPO and recorded as amendments in this document.

6.2 These Regulations and Functional Directives and procedures will be supplemented whenever necessary by Management Plans and procedures, jointly developed and approved by AC/135 and NSPA.

ARTICLE 7 - SUPPORT AND SERVICES

7.1 The Support and Services to be provided by NSPA within a given year will be agreed between AC/135 and NSPA in due time to allow NSPA to make appropriate manpower establishment and budgetary proposals.

7.2 These proposals will be submitted to AC/135 for advice prior to their submission to the NSPO ASB for approval.

ARTICLE 8 - ORGANIZATION

8.1 NSPA will establish, within its Organization and Personnel Establishment, in co-ordination with AC/135, the necessary organizational element to perform the services specified in this MOU.

ARTICLE 9 - FINANCIAL SUPPORT

9.1 NSPA will carry out the tasks under this MOU on the basis of payment of the actual direct and indirect costs incurred.

9.2 Those costs will be funded by AC/135 Member nations, both NATO and non-NATO.

ARTICLE 10 - ALERT AND WAR

10.1 This MOU shall continue to be implemented in time of NATO Alert and/or War.

ARTICLE 11 - FINAL PROVISIONS

11.1 Termination or amendment of this MOU will require 6 month notice by the involved parties and will be implemented provided it:

11.1.1 does not prejudice the execution of current tasks or impact on the continuity of the codification services support required to operate the NATO Codification System;

11.1.2 receives approval by the appropriate NATO Authorities.

11.2 The English and French texts of the MOU shall be equally authentic.

ARTICLE 12 - SIGNATURE

12.1 This MOU becomes effective on the date of last signature of the signatories.

For AC/135

Signed at Capellen (Luxembourg)
on 19 November 2015

Maj. Thierry Vanden Dries

Chairman
Group of National Directors on Codification AC/135

For NSPA

Signed at Capellen (Luxembourg)
on 19 November 2015

Michael J. Lyden

General Manager
NSPA

ANNEX B
-
EXAMPLE OF AGREEMENT BETWEEN TWO COUNTRIES (NATION A & B) FOR THE FURNISHING OF CODIFICATION DATA AND SERVICES

This agreement and any subsequent revision, change and/or addition thereto will govern the supply of codification services from the National Codification Bureau of Nation A to Nation B subject to availability and future operational requirements of the National Codification Bureau of Nation A and controlled by the conditions set forth below.

1. The commissioned authority of Nation A reserves the right of withdrawing all or any part of this offer or transaction hereunder at any time prior to delivery, whenever such action is deemed necessary in the interest of Nation A.
2. The Government of Nation B agrees that it will obtain the consent of the Government of Nation A prior to the disposition of, or transfer of possession of the materiel and information furnished under this agreement for its own use. To the extent that information furnished under this agreement may be classified by the Government of Nation A to maintain a similar classification and to employ and maintain all measures necessary to preserve such security, equivalent to those employed by the Government of Nation A throughout a period coequal with that during which the Government of Nation A may maintain security measures. It is understood and agreed that the disclosure of patented and unpatented information under this agreement does not convey any private right which may exist in such information and that all such rights will be respected.
3. Requests for Nation A codification data and codification services shall be forwarded to ..... (full name and address of NCB of Nation A), or such revised address as may be notified from time to time in accordance with the procedures contained in document cited below in paragraph 5.
4. The sole representative of Nation B acting for the ..... for all requests for codification services as well as addressee for the codification data is ..... (full name and address).
5. Requests for codification data and codification services shall be prepared and forwarded in accordance with the rules established in the NATO Manual on Codification (ACodP-1) and its subsequent changes and revisions published by the NATO Support and Procurement Agency -NSPA- under the authority of the Group of National Directors on Codification .
6. It is agreed that no costs will be charged for the codification services supplied under the terms of this agreement. The cost of draft Item Identification prepared in accordance with the requirements of the Codification Contract Clause is, however, the responsibility of the end item manufacturer and is to be included by him in the contract price or as instructed by the purchasing authority.

6. Reimbursement in Nation A currency for ..... (state what is required) furnished under this agreement will be made directly to the Government of Nation A. Costs will be accumulated and Nation B will be billed for payment on a ..... (delay) basis. Such bills will be due and payable upon receipt. A 60-day notice will be given by Nation A prior to effecting a price change in the costs charged for furnishing of codification services and codification data by NCB. The prices are specified in .....(quote document).

for acceptance

(Authority of Nation A)	(Authority of Nation B)
Date:	Date:
Signature:	Signature:

ANNEX C
-
SPONSORSHIP AGREEMENT
BETWEEN
THE NATO GROUP OF NATIONAL DIRECTORS ON CODIFICATION (AC/135)
AND
A NATION OR INTERNATIONAL ORGANISATION(*)
FOR AFFILIATION WITHIN
THE NATO CODIFICATION SYSTEM (NCS)

In the context of the Partnership Initiative of the Conference of National Armaments Directors (CNAD), the NATO Group of National Directors on Codification - Allied Committee 135 (AC/135) - is dedicated to sharing experience and knowledge of the NATO Codification System (NCS) with Partner countries. This AC/135 Sponsorship Programme, operated under CNAD supervision, provides non-NATO countries with a unique cooperation framework for participating in and benefiting from the use of the NCS.

The NATO Group of National Directors on Codification (AC/135) and <*The applying NATION*> have agreed the following :

1. The <*Name of the Commissioned Authority*> is the sole authorised representative of <*Applying NATION*> acting for the purpose of implementing this Agreement and for all requests for sponsored services. The <*Name of the Commissioned Authority*>, situated in <*Complete Name and Address of the Commissioned Authority of applying NATION*>, is recognized as the National Codification Bureau (NCB) of <*Applying NATION*>.

2. This Agreement and subsequent revisions or additions govern the exchange of codification data and services between <*The applying NATION*> and AC/135.

3. <*The applying NATION*> accepts and will abide by the principles of the NCS as set out in Standardization Agreements 3150, 3151, 4177, 4199 and 4438, as well as the policies and procedures contained in the NATO Manual on Codification (ACodP-1).

4. To receive codification data and services, the NCB of <*Applying NATION*> shall enter into separate bilateral Agreements with the appropriate NCBs of NATO countries that require such an agreement. ACodP-1, Chapter 1 lists those countries.

5. <*The applying NATION*> is invited to use the BASELOG Programme as described in ACodP-1, Chapter 1. This may require a separate bilateral agreement with the NATO country that provides the requested services. The terms of payment for these services shall be specified in the bilateral agreement(s). As a rule, pre-financing shall not be required unless otherwise specified in the bilateral agreement(s) for the said services.

6. Requests for sponsored services shall be prepared by the NCB of <*The applying NATION*> and forwarded to the AC/135 Secretariat in accordance with the rules established in the ACodP-1.

(*) Hereafter, the term “Non-NATO” countries shall also be understood to include “International Organisations”

7. Sponsored services shall be provided for the purpose of this Agreement in accordance with ACodP-1, Chapter 1. They include, but are not limited to:

   a) allocation of S-type Commercial and Governmental Entity (CAGE) codes to vendors/manufacturers located in non-NATO countries;

   b) allocation of national CAGE codes on behalf of the NCB of <*The applying NATION*> (on request);

   c) provision of copies of AC/135 documents;

   d) publication of national codification data in the NATO Master Catalogue of References for Logistics (NMCRL), etc.

8. In accordance with the procedures contained in ACodP-1, the AC/135 Secretariat shall forward all requests it receives from <*The applying NATION*> to NATO countries and/or the NATO Support and Procurement Agency (NSPA), and forward the results of such requests to the NCB of <*The applying NATION*>.

9. The NATO Automated Business System (NABS) is the prime source of AC/135 official documents published by the AC/135 Secretariat under the authority of AC/135, and is available to <*The applying NATION*> under terms specified in the Codification Support Publication (CodSP).

10. Reimbursement in EURO (EUR) for services furnished under this Agreement shall be made directly to the AC/135 Secretariat under the payment terms specified in the CodSP. Invoices shall be paid within six months of the invoice date. Failure to do so will lead to suspension of the sponsorship agreement.

11. In the event of any dispute regarding interpretation or implementation of this Agreement, representatives of <*The applying NATIO*> and AC/135 will consult and cooperate with each other to resolve any problems and will not refer such matters to an international tribunal or a third party for settlement.

12. This Agreement is entered into in <*one of the NATO official languages*>. In the event of a conflict between that agreed <*NATO official language*> text and any later translations of that text into any other language, the former shall prevail.

13. This Agreement will come into effect on the date of the last signature. It may be amended at any time subject to mutual consent. It will remain in effect until either signatory notifies the other of its intention to withdraw from this Agreement giving at least 6 months' notice of the proposed termination date. If either signatory withdraws from this Agreement, any codification activities then in progress will continue until their conclusion.

For <The applying NATION>	For the NATO Group of National Directors on Codification (AC/135)
<Authority of the Applying NATION>	Chairman AC/135
Date	Date
Signature	Signature

ANNEX D
-
QUESTIONNAIRE FOR NATIONS APPLYING FOR AC/135 SPONSORSHIP AT TIER 1 LEVEL

1. How do you register and account for items of supply in your logistics systems.

   a. Use NATO Stock Number (NSN) as major identifier.

   b. Use a national designed number as major identifier.

   c. Use something else. (Please specify)

2. Do you have a central record of all manufacturers/suppliers of items of supply?

3. Do you have a system for allocating identification codes (like NCAGE codes) for manufacturers/suppliers of items of supply?

4. Do you have a national authority that is responsible for identification of items of supply and who allocates identification numbers for Items of Supply (IOS) that are registered in your logistics systems?

5. Do you use manufacturer's part number to reference supply items to a stock number or do you use another method?

6. Do you have a single organization within the Armed Forces that is responsible for development of your codification system?

7. Which organization has the authority to act on behalf of all the Armed Forces in your nation?

8. Are they responsible for international cooperation in codification matters?

9. Are they empowered to settle invoices from AC/135?

10. Please note the Name, Address, telephone number, fax number and e-mail address of the person or authority that will act as point of contact (POC) for the AC/135.

11. If you do not yet have a single, centralized cataloguing agency/site within your country, are you planning to establish one? If yes, will it be controlled by one of the military services or centralized by the Ministry of Defence or Department of Defence?

12. What are your reasons for applying for AC/135 Sponsorship?

13. Do you intend to develop your codification capabilities to achieve Tier 2 level sponsorship?

14. Do you intend to develop or acquire a codification tool to perform codification of items of supply in accordance with the rules in the NATO Codification System?

15. Do you intend to use the NSN as the national identifier of items of supply in all your logistics systems?

ANNEX E
-
CERTIFICATION PROCEDURE TIER 2

Upon receipt of a request for Tier 2 sponsorship :

- The AC/135 Secretary distributes the request to all NATO countries seeking their indication of support for Tier 2 sponsorship and their input as to the reliability of the requesting country in terms of codification. NATO nations are invited to submit to NSPA, Codification Support Section (LB), any information they possess on the codification system and processing of the requesting country within 6 weeks.

- If all members give their support for Tier 2 sponsorship, the Chairman of AC/135 Panel A will advise the country making application that a technical evaluation is to begin. He/she will also advise the applicant country of the need to put in place the necessary Bilateral Agreements, in accordance with sub-paragraph 142.6.2, prior to formal acceptance as a Tier 2 member.

- NSPA will obtain from the requesting country the necessary information on their organisational structure and working procedures to evaluate their reliability in terms of management of the NATO Codification process. Similarly, NSPA will obtain from the requesting country detailed information on their ADP system and their electronic data transfer capabilities. This information will be evaluated to arrive at appropriate recommendations to AC/135 Panel A on the acceptability of the requesting nation for Tier 2 Sponsorship.

- The questionnaire at Appendix 1 to ANNEX E will be used to obtain the majority of the required information.

- NSPA will also obtain from the requesting nation the necessary data to perform detailed testing on its compliance with the NATO Codification System rules and procedures. The principles of the tests are defined in Chapter V, Section 590. NSPA will use its own ADP system to perform these tests and provide a detailed record of the results which will be used to render its recommendations to the Panel.

- Should any doubt be raised in Panel A on the processing capability of the requesting country, an Audit team will be formed to evaluate the technical readiness of the requesting country and make recommendations to the requesting country to resolve the encountered problems.

- Should a site visit to the requesting nation's NCB be deemed necessary, NSPA will seek the participation of at least one Representative from the Audit team.

- AC/135 Panel A will make an appropriate recommendation to the AC/135 for discussion at their next meeting.

- The Chairman of AC/135 Main Group will advise the requesting nation of the decision taken by AC/135. When all Tier 2 criteria have been met, including the establishment of Bilateral Agreements with those NATO members listed in paragraph 142.5, a letter from the Chairman of AC/135 Main Group will be appended to the original Sponsorship Agreement and shall be considered the authority for Tier 2 sponsorship.

Actions to be taken after achieving Tier 2 sponsorship status :

- NSPA will work with the new Tier 2 country to convert all S-type CAGE codes from companies located in that country to its national NCAGE codes. This implies that the national CAGE codes assigned by the country prior to Tier 2 sponsorship will be added to the NATO consolidated NCAGE file and that discrepancies between S-types and these national NCAGE codes will be resolved with a view to cancelling all S-type CAGE codes originating from that country.

- Within 30 days after a new Tier 2 country's S-type CAGE codes are converted to national NCAGEs, the country will inform by letter or e-mail message each of the companies whose codes are converted of their new NCAGE code assignment. The letter should also explain why the companies' NCAGEs were changed.

- NCBs should update their Segment C records to reflect the Tier 2 country's new status. NSPA will supply all NATO and Tier 2 nations with a list of S-Codes that have been superseded, and NCBs are responsible for amending their own NIINs as appropriate.

APPENDIX 1 to ANNEX E
-
QUESTIONNAIRE FOR NATIONS APPLYING FOR AC/135 SPONSORSHIP AT TIER 2 LEVEL

1. Do you currently have a single, centralized cataloguing agency/site within your country? If so, what is the name and address? If not, approximately how many different locations perform cataloguing functions?

2. If you have a single, centralized cataloguing agency/site within your country, is it controlled by one of the military services, or centrally by the defence ministry or department of defence? Which military services and/or civilian agencies within your country use the centralized cataloguing agency/site?

3. If you do not yet have a single, centralized cataloguing agency/site within your country but are planning to construct one, will it be controlled by one of the military services, or centrally by the defence ministry or department of defence?

4. Have you already developed an automated cataloguing system? If you have, please answer the following questions about it:

   a. What type of computer equipment do you use? Mainframe, mini-computer, PC, or some combination thereof?

   b. What type of computer software has been used in developing your system?

   c. Do you have a Local Area Network (LAN) design?

   d. Can you provide a brief description of how your current cataloguing functions are performed?

5. Do you exchange codification data with other countries? If so, by what means (such as electronic data transfer, electronic data carrier)?

6. Are each of your military services and civilian agencies responsible for codifying their own items independently of each other, with unique information that is relevant to only their specific requirements?

7. How many people would you estimate are involved in codifying supply items within your country?

8. Is codifying performed strictly by government personnel or do you have a private agency performing some of the functions?

9. What type of communication is used to transmit codification data between users within your country? Do you have electronic data transfer capabilities for this purpose? Do you use networks/protocols such as ISDN or X.25?

10. What media do you use for disseminating codification data?

11. Who are (will be) the primary users of the codification data you maintain?

12. How many stock numbers currently exist in your codification system?

13. Do you manage your inventory or stock supply items by the "type" of item they are, regardless of who makes the item, or is your system based upon reference numbers?

14. Do you have codes assigned to manufacturers so that they can be identified in the codification system by code?

15. Do you keep any descriptive/characteristic information on supply items for your military services/civil agencies? Is it stored in computer coded format?

16. Do you use any "NATO Codification" procedures within your system?

17. Have you formalised the requested Bilateral Agreements with countries indicated in paragraph 142.5.1 ?

Please indicate in the table below the status of each Bilateral Agreement:

Country	*Bilateral Agreement Formalisation Status*	
	Signed	*In Preparation*
DENMARK		
FRANCE		
GERMANY		
ITALY		
UNITED STATES		

APPENDIX 2 to ANNEX E
-
TIER 2 CONVERSION

After the AC/135 has taken the decision that the certification procedure outlined in Annex E is completed,

- The new Tier 2 sponsored NCB takes over the authority of assigning national NCAGE codes for manufacturers located in the Tier 2 country. All NATO and Tier 2 sponsored countries shall forward their NCAGE requests for such manufacturers directly to the new Tier 2 nation's NCB. NSPA updates the AC/135 NCAGE online tool described in Chapter II, paragraph 243.1.1 to redirect requests to the NCB of the new Tier 2 country.
- At the time S-type CAGE codes are converted to national NCAGES, the new Tier 2 country will inform by letter each of the companies whose codes are converted of their new NCAGE code assignment.
- The new Tier 2 nation shall transmit national KHN and KFF data to NSPA in accordance with CodSP-73 on NMCRL production.
- NSPA - in cooperation with the new Tier 2 nation - replaces all S-type CAGE codes of this country by national NCAGE codes and distributes a list of the corresponding KHN data.
- NSPA distributes a list of potential duplicates of NSN for items manufactured in the new Tier 2 country assigned in a NATO/Tier 2 country and in the new Tier 2 country before this country reached Tier 2 status. These NSNs are termed "Legacy Duplicates".
- Legacy Duplicates can be defined as:
    - NSN created by a NATO/sponsored Tier 2 nation, in the absence of a codifying NCB in the nation where the design rights are held, at the time of codification. Duplication occurs when the NCB of the design control authority allocate an NSN for the same item.
- Where NSNs are known to conform to this condition the following should be adhered to:
    - Nations agree to cancel Legacy Duplicates in favour of the NSN created by the NCB where the Design Control Authority (DCA) resides on a bilateral/multilateral basis.
    - Any extant NSN(s) remaining as a result of cancellation of Legacy Duplicates must be of equal or better quality than the cancelled NSN.
    - NSPA will monitor these known "Legacy Duplicate" NSNs to see if the number reduces and report to PA.
- NMCRL must be used to ensure thorough screening prior to NSN creation.
- No retrospective re-codification should occur when a nation moves from Tier 1 to Tier 2 unless agreed between nations on a bilateral/multilateral basis.
- All NATO and sponsored countries shall request new codification of items designed in the new Tier 2 nation at their respective NCB.
- All NATO and sponsored countries shall register themselves as users of items codified by the new Tier 2 nation as needed.
- All nations agree to the "one item / one NSN" principle.

APPENDIX 3 to ANNEX E
-
TIER 2 SPONSORSHIP CHECKLIST

	Action Required	By whom	Applicable Procedure	Reviewing Authority / Remarks	✓
1.	**APPLICATION :**				
	a) Application for Tier 2 sponsorship to the secretary AC/135	Candidate nation	ACodP-1, Chapter I, Sub-paragraph 142.6.2	Main Group: NATO, Tier 2 nations have 6 weeks under silence procedure to comment	
	b) Including the Tier 2 sponsorship questionnaire filled out in full	Candidate nation	ACodP-1, Chapter I, Appendix 1 to Annex E		
	c) Fulfill prerequisites (TIR, NMCRL, NMBS, NABS)	Candidate nation	ACodP-1, Chapter I, Sub-paragraph 142.6.2	NSPA	
2.	**CERTIFICATION :**				
	a) Indication of support	• NSPA • All NATO, Tier 2 nations • Candidate nation to attend NABS training provided by NSPA	• ACodP-1, Chapter I, Annex E • Sub-paragraph 142.6.2	Main Group, NSPA	
	b) Bilateral Agreements	• Candidate nation • NATO nations (see Table in sub-paragraph 142.5.1)	• ACodP-1, Chapter I, Annex E • Paragraph 142.5	AC/135 Secretary: Bilateral agreements may be completed concurrently with Tier 2 testing	
	c) Compliance Testing	• Candidate nation • Panel A • NSPA	• ACodP-1, Chapter I, Annex E • Sub-paragraph 142.6.2 • Chapter V, Section 590	Main Group tasks Panel A to conduct testing	
	d) Fulfill Criteria: Achieving Tier 2	Candidate nation	ACodP-1, Chapter I, Annex E	Chairman Main Group	

	Action Required	By whom	Applicable Procedure	Reviewing Authority / Remarks	✓
	e) Agreement to follow HoA, ACodP-1 and CodSP rules (includes software business rules, agreement to follow STANAGs)	Candidate nation	• HoA "Quality Charter", ACodP-1 "General Preface", and the individual STANAGs, and page 24 of the NCS Quality Process Manual • Maintain CodSP tables	Chair Main Group on recommendation from Chair Panel A	
	f) Maintain an audit trail of codification decisions	Candidate nation	Nation to provide example of audit trail on items relating to NCS	Chairman Main Group	
	g) Assert NCB director has authority to make decision	Candidate nation	NCB Directors have the authority to make decisions on behalf of their nations (understanding that internal coordination is sometimes necessary)	Chairman Main Group	
	h) Maintain data	Candidate Nation	Continuously monitor and improve MIS, ACodP-1, Section 580	Chairman Panel A	
	i) Regularly attend Panel A and Main Group	Candidate Nation	All countries should attend each Panel A and Main Group and actively participate. On rare occasions countries cannot participate, countries will review agenda and decision sheets and comment as required	Chairman as applicable	
	j) Process to add/maintain NATO Commercial and Government Entity (NCAGE) Codes	Candidate Nation validates requests for SCAGE and assigns NCAGE	In accordance with ACodP-1, Sub-Section 242	Chairman Panel A / NSPA	
	k) Establish or obtain repeatable training for staff	Candidate Nation	In accordance with AC/135 Quality Process Manual (QPM) page 26	Assert to Main Group Chairman	

	Action Required	By whom	Applicable Procedure	Reviewing Authority / Remarks	✓
	l) Capable to maintain software synchronization with NCS system (includes XML)	Candidate Nation	ACodP-1, Chapter 1, Sub-Section 135 and ACodP-1, Chapter 5 Section 590	Panel A / with NSPA testing	
3. CONVERSION :					
	a) S-CAGE to NCAGE	• New Tier 2 nation • NSPA	ACodP-1, Chapter I, Appendix 2 to Annex E	• New Tier 2 nation: Info to companies • NSPA: List of S-CAGE codes	
	b) Update Segment C	• NSPA • NCBs	ACodP-1, Chapter I, Appendix 2 to Annex E		
	c) Legacy Duplicates	• New Tier 2 nation • NSPA • NCBs	ACodP-1, Chapter I, Appendix 2 to Annex E	NSPA: List of duplicates	

Note: Additionally, countries should forecast the number of NSN request they may receive and have adequate staff

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NATO MANUAL ON CODIFICATION

ACodP-1

Chapter II - ITEM IDENTIFICATION

July 2019

CHAPTER II - ITEM IDENTIFICATION

Preface

The Uniform System of Item Identification concept is outlined in the NATO Standardization Agreement No 3151 (STANAG 3151) - see Chapter I, Section 150.

This Chapter explains the item identification system aimed to establish a unique identification for each item of supply.

The instructions contained in this chapter are mandatory for use by all countries participating in the NATO Codification System and the NATO Support and Procurement Agency (NSPA).

Section 210 – Identification

Sub-Section 211 – General

211.1 Item Identification is the most important element of the NATO Codification System. The concept of each item of supply must be expressed by a unique identification.

211.2 The item identification consists of data sufficient to establish clearly the essential information about the item, which determines its unique character and differentiates it from every other item of supply. Those minimum data are: a name, a NATO Supply Class, and/or at least one primary reference.

211.3 Different types of item identification can be used depending on the quality and quantity of available data/tools. The types of identification are prescribed in Sub-Section 262.

Section 220 - Item Names

Sub-Section 221 - Principles and Terminology

The selection or development of a single name for an item of supply provides a common terminology. It must be the first step in the identification of an item of supply.

The name of the item is the key for its correct identification, since it is used to determine the correct class and the applicable Item Identification Guide (IIG) for its description. An item of supply may be codified using an Approved or a Non Approved Item Name.

221.1 An Approved Item Name (AIN)

An Approved Item Name is the one that is officially selected and carefully delimited to designate a family of items of supply with similar characteristics mostly determined by a definition.

221.2 A Non Approved Item Name (NON AIN)

When an Approved Item Name is not available, the part name given to the item of production by its manufacturer, or an official NCB according to professional practice, will be used as a Non Approved Item Name.

221.3 Item Name Development

Approved Item Names (AIN) and Non Approved Item Names (NON AIN) are developed in accordance with the Item Name System described in the US Procedures Manual DoD 4100.39-M, Volume 3, Chapter 2 “ITEM NAMES”.

(available online at FLIS Technical Procedures)

221.4 Language Use

221.4.1 Approved Item Names

English and French are mandatory languages for Approved Item Names (AIN). The official English text will be provided by the US NCB and the official French text will be provided by the French NCB. See CodSP-75 tables for details about multilingual rules within AC/135.

221.4.2 Non Approved Item Names

The mandatory language of Non Approved Item Names (NON AIN) for international data exchange is English.

Already existing NON AINs may be managed in the native language within national systems, but should be translated into English whenever possible prior to output to other NCBs or NSPA.

TIR updates (e.g. KFF file replacement data) may be submitted as they are recorded in the TIR.

The receiving country may request the translation of single NON AIN submitted in such data exchange if they are not able to manage the translation themselves. If the submitting country is providing such a translation its own database should be updated in parallel.

For the processing of LSA requests containing NON AIN the English translation of the NON AIN is mandatory, if the name in the producing countries' language is not available (see also ACodP-1, Chapter IV, Sub-Section 434.5.1).

Sub-Section 222 - Choice of the Approved Item Name

222.1 The US Item Name Directory - H6 - is the comprehensive and internationally agreed dictionary of Approved Item Names required in the preparation of all item identification. Link: https://www.dla.mil/HQ/LogisticsOperations/Services/FIC/H6.aspx

A NATO or Tier 2 sponsored country having a requirement for an item name which is not included in the dictionary should request its assignment as outlined in Sub-Section 225.

222.2 The NATO Item Name Directory is published online in Allied Codification Publication No. 3 (ACodP-3) NATO Multilingual Item Name Directory at https://eportal.nspa.nato.int/ac135public/. The English record is the authority of translated records. Details on collection of translations, storage, production and distribution of supply classification and item names are described below and in CodSP-75.

Sub-Section 223 - Item Name Code -INC- (DRN 4080)

223.1 To facilitate the exchange of data by Automatic Data Processing -ADP - each name in the NATO Codification System is assigned an individual five character Item Name Code -INC-. Each Non Approved Item Name is assigned code 77777. Item Name Codes are also assigned to Basic and Colloquial Names but cannot be used to codify items of supply.

223.2 New Item Name Codes can be assigned upon request by the National Codification Bureau of the United States (DLA Logistics Information Service) in the framework of the collaboration procedure described in Sub-Section 253.

223.3 Before the existence of the international collaboration procedures for the assignment of Approved Item Names, codes were assigned nationally by the NCBs using 5 numerals for the US and Canada and 4 numerals followed by a letter for the other NATO countries. If they still exist, these old Item Name Codes are mentioned in the National H6 manuals.

223.4 Nations shall convert their national Item Name Codes allocated under existing NSNs to 77777 before exchanging them by ADP.

Sub-Section 224 - Item Name Directory - H6 -

224.1 Content

The Item Name Directory - H6 - contains Approved Item Names, Basic Names and, normally, their definitions together with any appropriate inclusions, exclusions and Colloquial Names. In addition, the directory contains Item Name Codes, the NATO Supply Classes in which the items shall be placed and also Item Identification Guide Numbers (see Section 250) for all Approved Item Names.

224.1.1 Basic Name

A Basic Name is either a noun or a phrase which primarily defines an item, without detailing any specific feature application. The Basic Name is delimited by modifiers to form an Approved Item Name.

224.1.2 Colloquial Name

A Colloquial Name is any name, by which the item is commonly known by its users. A cross-reference of known Colloquial Item Names to Approved Item Names can be found in H6 and ACodP-3.

224.1.3 Basic and Colloquial Names are not to be used to codify items of supply. They just provide help to determine the Approved Item Name that fits the item of supply concept more properly.

Sub-Section 225 - International Collaboration

Any NATO or Tier 2 sponsored country can initiate an international collaboration on the Item Names within the framework of the procedures for the maintenance of Item Identification Guides - IIG - (see Sub-Section 253).

NATO or Tier 2 sponsored countries wishing to take part in these collaborations will apply to the AC/135 Secretariat for registration at CodSP-4 (NCB Technical Contacts - H2/H6/IIG Collaboration).

Section 230 - Reference Numbers

Sub-Section 231 - General Definition

A reference number is any number used to designate an item of production, to identify an item of supply, either by itself or in conjunction with other reference numbers or to provide some additional information relevant for management purposes. Reference numbers may be any of the following:

- manufacturer's part numbers;
- manufacturer's drawing numbers;
- manufacturer's model or type numbers;
- manufacturer's source controlling numbers;
- specification controlling numbers;
- manufacturer's trade name, when the manufacturer designates the item by trade name only;
- NATO Item Identification Number (see Sub-Section 233);
- specifications and standard numbers and/or appropriate designators;
- any other information defined by an NCB or AC/135 as relevant for management purposes.

The characters which can be used to create the reference numbers are exclusively those included in Chapter V, Sub-Section 553, Table 21. Some words should not be used within Reference Numbers and some specific characters should be converted as stipulated in Chapter IV, Annex A.

In international transactions, reference numbers are limited in length to 32 characters. When a reference exceeds 32 characters, it is called Extra Long Reference Number (ELRN), and the following actions are to be taken:

(a) Enter the first 31 characters as they appear in the original configuration or with the necessary modifications according to the rules stipulated in the Annex above-mentioned;

(b) Replace the 32nd character by a dash (-), which is the ELRN indicator code (DRN 9380);

(c) No impacts on the Type of the Item Identification are to be generated due to the addition of extra-long reference numbers.

Sub-Section 232 - Quality of Reference Numbers

232.1 General

Reference numbers are qualified by the addition of the following information:

- category: some reference numbers are said to be "primary reference number". They determine the item of supply concept, while others give additional supply information;
- variation: the value of the reference number to identify the item may vary, even among primary reference numbers; some are fully identifying, others require additional information;
- procurement status;
- responsibility for technical documentation and technical documentation availability;
- formatting of the reference number, indicating whether it has been modified.

To these qualifications is added, when required, the justification for the presence of the same reference number in more than one item of supply concept.

In the NATO Codification System, "reference number related codes" are assigned to each of these qualifications.

232.2 Category

In order to portray exactly how a reference number (Item of Production) relates to a given NSN (Item of Supply), each reference number is assigned a Reference Number Category Code -RNCC- (DRN 2910). In conjunction with the RNVC, the RNCC depicts the actual relationship of the reference number to the item of supply. A complete list of RNCCs can be found in Chapter V, Sub-Section 553, Table 08.

232.2.1 **Primary Reference Numbers**.

They represent, or form part of, the item of supply concept:

- source control reference -RNCC 1-,
- official specification or standard -RNCC 2 or 4-,
- manufacturer reference number -RNCC 3-.

NOTE: An NSN may have more than one primary reference. See Sub-Section 264 for valid combinations of Primary and Additional Reference Numbers.

232.2.2 Additional Reference Numbers

They are reference numbers that may or may not be related to the concept of the item of supply; they provide some relevant information for management purposes, as follows:

- secondary reference -RNCC 5-,
- informative reference -RNCC 6-,
- vendor item drawing reference -RNCC 7-,
- reproduced item reference number -RNCC 8-,
- packaging and related logistic data reference number -RNCC A -,
- reference to establish a peculiar relationship between item of production and an item of supply -RNCC C-,
- drawing number reference related to an item and not qualified for assignment of codes 1, 3, 5, 7 or C -RNCC D-.

232.3 **Variation**

The Reference Number Variation Code -RNVC- (DRN 4780) is used to indicate the status of the reference number, whether it is item identifying, non-item identifying or for information purposes only. A complete list of RNVCs can be found in Chapter V, Sub-Section 553, Table 12.

For codification purposes, the following definitions will be used to distinguish between Item Identifying and Non-Item Identifying reference numbers:

Item Identifying	This reference number fully identifies an item of production. This item does not require additional information to give it its unique character and identity (i.e., fit, form, and function information).
Non-Item Identifying	This reference number cannot fully identify an item of production. This item requires additional information to give it its unique character and identity (i.e., fit, form, and function information).

232.4 **RNCC / RNVC Combinations**

RNCCs/RNVCs must be used in valid combinations to ensure proper logistics support to field activities as well as safe weapon system support. A list of valid, acceptable RNCC/RNVC combinations can be found in Sub-Section 264. The following are the most commonly used, acceptable RNCC/RNVC combinations:

RNCC	RNVC	EXPLANATION
1	2	An Item Identifying, Non-Reparable Source Control reference number. Along with the Source Control reference number, ACodP-1 edits require that at least one additional reference number with an RNCC 3/RNVC 2 shall also be recorded on the item.
1	3	A Reparable Source Control reference number, which is Item Identifying. ACodP-1 edits require that only one additional RNCC 3/RNVC 3 be recorded on the NSN.
2	2	A definitive reference number developed from a government specification or Standard which is item identifying.
3	1	A design control reference number, which is Non-Item Identifying, assigned by a manufacturer, professional association or standard designator to an item of production.
3	2	A design control reference number, which is Item Identifying, assigned by a manufacturer, professional association or standard designator to identify an item of production. Sometimes referred to as the primary buy item.
3	3	A design control reference number on a Source Control item, which is Item Identifying, assigned by a manufacturer, professional association or standard designator to an item of production.
3	9	A design control reference number that has been canceled as obsolete and is retained for traceability purposes.

RNCC	RNVC	EXPLANATION
4	1	A Non-definitive reference number derived from a Government Specification or Standard. Additional information such as type, class, grade, style, size and material is required to fully identify the item.
5	1	A secondary reference number, which is Non-Item Identifying.
5	2	A secondary reference number, which is, Item Identifying. Sometimes referred to as the secondary buy item.
5	9	A reference number that has been canceled as obsolete or superseded and is retained for informational purposes only (audit trail, visibility and tracking purposes).
6	9	Informative Reference. Used to indicate interchangeability between the items of supply or corresponding NSN or reference to another classification/nomenclature.
7	1	A Vendor Item Control Drawing (VICD) number which is Non-Item Identifying. ACodP-1 edits requires that there must also be at least one RNCC 3/RNVC 2 vendor reference number assigned.
7	2	A VICD number, which is Item Identifying. VICD numbers are administrative control numbers and shall not be used as a part identification number. ACodP-1 edits require that there must also be at least one RNCC 3/RNVC 2 vendor reference number assigned.
D	9	Identifies a drawing or other document related to an Item of Supply for informational purposes only, but is not used in item of supply determinations. Envelope drawings, next higher assembly drawings or parts list fall into this category.

232.5. **RNCC / RNVC Compatibility with Type of Item Identification Code (TYPE II CODE)**

This code identifies the type of item identification assigned to the NSN. See Sub-Section 264, for acceptable combinations of reference number and Type II codes. A complete list of Type of Item Identification codes can be found in Chapter V, Sub-Section 553, Table 10.

232.6 **Document Availability**

The document availability will be expressed by the one digit Document Availability Code -DAC- (DRN 2640). The type of document covering the cited reference number, its availability from the activity in charge and its security classification are indicated with this code. Codes are listed in Chapter V, Sub-Section 553, Table 05.

NOTE: Compatibility between RNCC, RNVC and DAC in an item identification is determined by the type of item identification (see type of item identification in Sub-Section 262 and Table of combinations of codes in Sub-Section 264).

232.7 **DAC Action Activity**

The activity (or NCB) in charge of the document as indicated by the DAC is quoted by its two digit Reference Number Action Activity Code -RNAAC- (DRN 2900). The list of these codes is included in Chapter V, Sub-Section 553, Table 18.

232.8 **Procurement Status**

The procurement status, expressed by the one digit Reference Number Status Code -RNSC- (DRN 2923), gives indications as to the procurement of the item of production (source of supply and invitation for bid). The list of codes is included in Chapter V, Sub-Section 553, Table 14.

232.9 **Reference Number Justification**

These are codes used to justify the creation of a new Item Identification (II) despite a recognized condition of possible duplication with an existing item. A Reference Number Justification Code -RNJC- (DRN 2750) is required for each resubmittal of an item identification action for assignment of an NSN or reinstatement of a cancelled NSN which previously matched (output Document Identifier Code KRP) an existing item, and a reference number match is determined to be not suitable for the application. The RNJC is required for each addition or change of a reference number which would create another possible duplication. A complete list of justification codes can be found in Chapter V, Sub-Section 553, Table 06.

232.10 **Reference Number Format**

The reference number format expressed by the one digit Reference Number Format Code -RNFC- (DRN 2920) indicates possible modification applied to the reference number before its introduction into ADP (for more details, see Chapter IV, Sub-Section 432, Paragraphs 432.2 and 432.3, and ANNEX A). The list of codes is included in Chapter V, Sub-Section 553, Table 09.

Sub-Section 233 - Informative Reference – RNCC 6

233.1 **Interchangeability indication between NSN from different countries**

Whenever interchangeability between a national item of supply and a foreign item is unilaterally recognized by a NCB, this information is indicated in its national system in the following manner:

(1) The foreign NATO Item Identification Number -NIIN- will be recorded in the files as an "informative reference number" against the nationally assigned NATO Stock Number. The format must be:

XX - XXX - XXXX

(2) This informative reference is accompanied by a NATO Commercial and Government Entity (NCAGE) Code INTE9.

(3) RNFC 4, RNCC 6, RNVC 9, DAC 9 and RNSC B should be assigned.

(4) The country which develops this link will also show the reverse link on the interchangeable item. Interchangeability Indications have to be established between non-cancelled NSNs. In case of an item cancellation, the existing Interchangeability Indications have to be revised.

233.2 **Indication of the corresponding NSN**

In the collaboration and the cooperation procedure for the cancellation of a NATO Stock Number, when a nation wants to temporarily maintain a NSN in the TIR, until the exhaustion of stock or until the end item is withdrawn from circulation, the replacement NSN is indicated in the following manner:

(1) The NATO Item Identification Number -NIIN- of the replacement NATO Stock Number will be recorded in the files as an " informative reference number " against the cancelled NATO Stock Number temporarily maintained in the TIR. The format must be:

XX - XXX - XXXX

(2) This informative reference is accompanied by a NATO Commercial and Government Entity Code INTE8.

(3) RNFC 4, RNCC 6, RNVC 9, DAC 9 and RNSC B should be assigned.

(4) Nations cannot be recorded as user of the cancelled NATO Stock Number temporarily maintained in the TIR.

(5) Once the last user has been withdrawn, the country responsible for the “end of life” NSN (NIIN SC 9) will produce the cancel duplicate (LKD) or cancel use (LKU).

233.3 **Reference indication to an international classification/nomenclature**

When an item of supply refers to an international classification contained in ANNEX A of this Chapter, this information is indicated in its national system in the following manner:

(1) The international classification/nomenclature will be recorded in the files as an "informative reference number" against the nationally assigned NATO Stock Number. The format must be in compliance with the in force rules.

(2) This informative reference is accompanied by a NATO Commercial and Government Entity (NCAGE) Code of the editor organism.

(3) RNFC 4, RNCC 6, RNVC 9, DAC 9 and RNSC B should be assigned.

233.4 **Reference indication to a national classification**

When an item of supply refers to a national classification contained in the CodSP-82, this information will be recorded in the NSN data as an “Informative Reference Number” coded: RNFC 4, RNCC 6, RNVC 9, DAC 9 and RNSC B.

NOTE: The NATO Commercial and Government Entity (NCAGE) codes listed in CodSP-82 are not restricted to be used only with informative references with RNCC 6.

Sub-Section 234 - Use of Standard Reference

234.1 In cases where the design control authority cannot be established the use of a Standard Reference is required.

234.2 For ease of identification the Standard Reference is used in conjunction with the NCAGE code of "IREF0" and a standard RNCC, RNVC, DAC, RNFC, RNSC combination of 3, 2, 9, 4, B.

234.3 The Standard Reference is used in lieu of a Primary Reference when:

A supplier/distributor (Non-Manufacturer) is unable or unwilling to disclose the design control authority. The supplier's/distributor's reference will be recorded as a Secondary Reference RNCC 5. The Standard Reference should be used as a substitute for the Primary Reference.

Example:

RNCC	RNVC	DAC	RNFC	RNSC	NCAGE	REFERENCE NUMBER
3	2	9	4	B	IREF0	NO PRIMARY REF **-***-****

Note:

-*-**** = NIIN in full

NOTE: Implementation of this procedure will be a matter of national discretion (see CodSP-42).

Sub-Section 235 - Reference Review

235.1 When a reference contains an NCAGE code, and the NCAGESD is changed to “F” or “H”, and the reference number has an RNVC of 2, the RNVC must be changed to 9 and RNSC changed to “B” indicating the reference number is not authorized for procurement.

235.2 When a reference contains an NCAGE code, and the NCAGESD is changed to “R”, the RNVC on the reference number must be changed to 9. After a pertinent review has been completed by the applicable RNAAC/NCB and the applicable replacement NCAGE and part number is identified the applicable RNAAC/NCB will process an LAR containing the new reference.

235.3 When a reference contains an NCAGE code, and the NCAGESD is changed to “F”, “H” or “R”, the RNVC changes on the reference number can be requested only by the country responsible for the associated RNAAC on the reference number or the NSN assigning nation when the RNAAC is not registered as a user anymore.

Section 240 - NATO Commercial and Government Entity -NCAGE-

Sub-Section 241 - General

241.1 Determination of the real source for an item of supply is one of the most important prerequisites for proper application of the Uniform System of Item Identification (STANAG No 3151). It is the source where documentation will be obtained from and its location normally gives advice for codification responsibility.

241.2 Although the NATO Codification System uses NATO Commercial and Governmental Entity (NCAGE) codes principally to identify manufacturers, NCAGEs are broadly used in many countries in a variety of logistics processes. As such, they are often assigned to a variety of organizations, including distributors, standards bodies, government organizations, and service providers.

241.3 Within the NATO Codification System the term MANUFACTURER covers the whole range of possible sources for technical data for items entering the supply systems of participating countries.

For proper definitions see Chapter VII (Glossary).

241.4 The primary use of organizational entity coding is in ADP operations related to logistics programs, such as codification, standardization, and procurement.

The following types of organizations/functions are eligible for NCAGE Code assignment; however, a NCAGE Code should not be assigned unless it is required:

a) Manufacturing organizations that are the sources from which items of supply are obtained.

b) Government or commercial organizations that control the design of items, but not necessarily manufacture nor sell them directly.

c) Manufacturing organizations that produce items of industrial production equipment, and whose items are published in industrial plant equipment handbooks.

NOTE : The NCAGE Code is published in conjunction with the plant equipment codes assigned to the individual items of a given manufacturer.

d) Distributors who are sources of supply in their own country for items produced by manufacturers located in their own or in any foreign country.

e) Government agencies that manufacture items entering the supply system of an individual NATO or Tier 2 sponsored country or control the design of such items without actually manufacturing them.

f) Manufacturers who supply materials for incorporation into the products of manufacturers who provide drawings of these products.

g) Organizations connected with the development of national or international standards/specifications or related documents.

h) NATO Production or Logistics Organizations - NPLO - or NATO Agencies who act as design activities and provide standards, specifications or drawings containing information qualified for item identification purpose.

i) Providers of services working in the field of logistics (repair shops, carriers...) but not providing items of production they referenced in their system.

j) Providers of services, including consultation, training, research studies. These NCAGEs may be assigned to individuals.

Sub-Section 242 - NATO Commercial and Government Entity Code -NCAGE CODE-

242.1 Any reference number entered into the NATO Codification System shall be combined with a NATO Commercial and Government Entity Code (NCAGE Code) prior to entering the manufacturer's part/reference number into the Total Item Record (TIR) maintained by the individual NCBs.

The NCAGE Code is assigned to establishments defined under Paragraph 241.4. The NCAGE Code consists of five characters :

– **For the United States:**

Three alpha/numerical characters prefixed and suffixed by a numeral (#***#).

NOTE: Canadian NCAGE Codes with three alpha/numerical characters prefixed and suffixed by a numeral are considered valid and will be maintained by Canada. However, Canada will progressively replace these codes with the structure outlined at the following paragraph as file maintenance action occurs. Additionally, in order to properly direct LSA submittals countries must refer to the US Foreign/Domestic Designator Code (US F/DDC) which is a code used by the US and Canada to reflect the geographical location of the manufacturer. See Chapter V, Sub-Section 553, Table 25, for code definitions.

– **For the other countries:**

a) Three alpha/numerical characters prefixed by one significant alpha character and suffixed by a numeral (@***#);

or

b) Three alpha/numerical characters prefixed by a numeral and suffixed by a significant alpha character (#***@);

or

c) Three alpha/numerical characters prefixed and suffixed by a significant alpha character (@***@).

`@ = alpha character  # = numeral  * = alpha/numerical`

NOTE: The letter "I" must be used only in the first position of International NCAGEs assigned by NSPA, the letter "O" must not be used in NCAGEs.

242.1.1 Series of letters designated for the respective country/organisation to be prefixed or suffixed are listed in CodSP-3 (NCS Country Codes). When additional alphabetical characters are required the Group of National Directors will allocate them on request.

242.1.2 When interchangeability of items is established (see Sub-Section 233) the referenced NIIN is accompanied by the special NCAGE INTE9.

242.1.3 When a NSN proposed for cancellation is temporarily maintained in the TIR (see Sub-Section 233.2) the referenced NIIN is accompanied by the special NCAGE INTE8.

242.1.4 An entity located in a Tier 1 sponsored or non-sponsored country, whose reference number(s) is(are) used in the NATO codification system is allocated a NATO Commercial and Government Entity Code in the 'S' series (see conditions of assignment in Sub-Section 243).

242.1.5 A NATO Production and Logistics Organisation, a NATO Agency, or a Supranational Organisation being considered as NCAGE is allocated a NATO Commercial and Government Entity Code in the "I" series (see conditions of assignment in Sub-Section 243).

242.2 Handbook for NATO Commercial and Government Entity Codes -H4-

242.2.1 Responsibility for the publication of the handbook

Each NCB is responsible for the preparation, publication and maintenance of the national H4 handbook.

242.2.2 Composition

Includes name, address, telephone, FAX, and other pertinent data about organisational entities, including manufacturers, distributors and suppliers, Standardisation Organisations and other entities that have been assigned NATO Commercial and Government Entity Codes (NCAGEs).

242.2.3 Organisational Entity File

The ADP file of NCAGE Codes may be used for automatic control of some operations on the Total Item Record - TIR -.

242.3 Reference

The combination of a NATO Commercial and Government Entity Code and a Reference Number forms the "Reference". This data element is primarily used for screening purposes (see in Chapter IV, Sub-Section 432).

242.4 Association Code (DRN 8855)

To improve screening operations an "Association Code" can be used. This code, assigned by NCBs but not included in international exchange, will show the internal relationship within a corporate industrial complex comprising several divisions, branches or affiliated firms etc..., to which a specific NATO Commercial and Government Entity Code has been assigned.

242.5 **Exchange of System Support Records** - SSR - for NATO Commercial and Government Entity Code - NCAGE Code -

242.5.1 **NCAGE File**

The ADP file of NCAGE Codes may be used for automatic control of some operations on the Total Item Record - TIR -.

242.5.2 A total files replacement of the ADP file of NATO Commercial and Government Entity Codes may be exchanged between NATO and Tier 2 sponsored countries.

242.5.3 According to the schedules laid down in the CodSP-73C, NCBs are sending on a regular basis NCAGE data to NSPA for integration in the NMCRL and in turn NSPA disseminates consolidate files to NCBs. NCAGE codes will in principle never be dropped from the NMCRL database. In case a NCAGE code already integrated in NMCRL database is missing in a full file transmitted by a nation to NSPA, associated NCAGE data will be preserved in the NMCRL database and the DATE OF LAST CHANGE (DRN 9567) will be updated to the value "33333".

242.6 **NCAGE Updates through U.S. SAM Program**

The U.S. maintains a program called System for Award Management (SAM). Under SAM, companies that do business with the U.S. government must register in SAM, obtain an NCAGE code, and update their company data once per year. Whenever the U.S. receives notification of a change to the data on a company located in another country, they will provide a notification to the applicable National Codification Bureau *or to NSPA in the case of S-CAGE changes*. The country that receives the notification should take immediate action to update their NCAGE file for that company.

Sub-Section 243 - NATO Commercial and Government Entity Code Request/Assignment

243.1 **Procedure**

243.1.1 NCAGE code requests shall be submitted via the AC/135 NCAGE online tool at https://eportal.nspa.nato.int/AC135Public/scage/CageList.aspx:

- Requests related to an entity located in a country which is a NATO or Tier2 nation are transmitted to the NCB where the entity is located or a link to the national NCAGE tool is directly provided online at the beginning of the NCAGE request;

- Requests related to an entity located in a country which is not a NATO or Tier2 nation, a NATO production/logistics organisation/Agency or a supranational organisation are processed at NSPA.

243.1.2 The assigning country shall not reuse an NCAGE code. Once an NCAGE code has been assigned, it shall be retained permanently in the assigning country's file, even if it is cancelled. That will ensure that any reference numbers assigned to each NCAGE code can always be traced back to the manufacturing company.

243.1.3 The assigning country will verify the data furnished on the organizational entity and will transmit the assigned code to the requester. NCBs may, at their discretion, arrange to accept either self-certification - certification by the contractor or manufacturer themselves - according to domestic regulations or third party verification of NCAGE information.

243.1.4 There are two separate timeframes for processing the assignment of a NCAGE Code; timeframes are indicated by the Priority in Block 6 of the Form.

The current timeframes are:

Timeframe in Calendar Days	Type of Request
10	Routine
3 (business days)	Emergency

243.1.5 The given timeframes must be observed to the greatest possible extent within a nations capability.

243.1.6 The application of the emergency procedure shall only be requested in special cases of an exceptionally urgent nature.

243.1.7 Companies shall be allowed to apply directly to NCBs or NSPA (S-CAGE) for NCAGE Code assignments.

243.1.8 Concurrently with the assignment, any available information on affiliated or related firms and common reference numbering structures which may exist between the organizational entity and affiliated or related firms, will be furnished.

243.1.9 Only one NCAGE shall be assigned to each entity. If an entity is a manufacturer, distributor, and/or a service provider, the Type Code shall be assigned based on the predominant activity of the entity.

243.1.9.1 The predominant activity corresponds to the highest "qualification" in relation to the NATO identification principles that is to say : the "manufacturing" activity predominates on the "distributing" activity which itself predominates the "provider of service " activity; this is shown in the following chart :

Company activity			
Manufacturer	**Non-manufacturer**	**Service provider**	**Allocated NCAGE Type code**
yes	yes	-	A/E
yes	-	yes	A/E
yes	yes	yes	A/E
-	yes	yes	F

Section 250 - Tools for the Description of Items of Supply

Sub-Section 251 - Item Identification Guide - IIG -

251.1 Objective and Main Principles

An IIG is a document used to identify an item of supply by describing its characteristics in order to differentiate it from other items of supply and to establish the necessary supplementary data required for logistics management.

Each IIG is a self-contained document constructed on the basis of Approved Item Names for a specific commodity area and containing a compilation of requirements plus decision-making rules in order to achieve the fixed objective.

The IIGs are tools which allow to identify item characteristics and to codify them for computer input.

They thus permit the benefits of ADP to be adopted in those national logistic functions where characteristic data is used.

251.2 Basis of the IIG System

The IIG system is based on the United States Federal Item Identification Guide - FIIG - system founded on:

a. Cataloguing handbook H6 Item Name Directory (see Sub-Section 222 and 224).

b. Master Requirements Directory - MRD - which is accepted as the comprehensive international MRD. (see Sub-Section 283)

c. Military Standard Item Characteristics Coding Structure - MILSTICCS.

The maintenance of these documents is assumed by the United States.

251.3 **FIIG Structure**

A FIIG consists of several parts:

a. General Information

Introduction and indexes with information to orientate the user on the contents of the document.

b. Section I

Section I includes item characteristics requirements specifically needed to identify and describe items of supply for the purpose of NSN assignment.

c. Section III

Section III includes requirements for supplementary technical characteristics and item related supply management data which do not affect the item of supply concept. National discretion may be used in applying this section. This section is being gradually incorporated into Section I.

d. Appendix A

Appendix A contains codes reply tables for requirements in Section I and III.

e. Appendix B

Appendix B contains illustrations of configurations and dimensional characteristics.

f. Appendix C

Appendix C contains Identified Secondary Address Coding (ISAC) tables and miscellaneous such as conversion tables, definitions of expression etc., pertinent to requirements.

251.4 **IIG**

Each national IIG is based on the US FIIG and enables full descriptive type item identification - Type 1 -. Implementation and maintenance by the countries should take place following the coordination procedures (see Sub-Sections 252 and 253). Upon publication of a National IIG, two copies will be provided for each NCB.

251.5 **Mini IIG**

The Mini IIG is a national document or concept which is an abbreviation of the original FIIG. The exact degree of abbreviation is dependent upon each individual country's requirements.

This method can be applied unilaterally by any country at any time since the resulting Mini IIG will be in harmony with the US FIIG.

251.6 **IIG Numbering**

All IIGs will be numbered in accordance with the US FIIG numbering system. Each IIG is identified by an alphanumeric code of a maximum of 6 digits (see examples):

- First character : A or T
- Second to fourth character : Numeric, non-significant and assigned sequentially
- Fifth and sixth character: alphanumeric

When the IIG, the first character of which is A (Approved IIG), has not been subject to any revision, these last digits are not represented. A major revision is indicated by a letter in the fifth position. The sixth position should only be completed by a letter when necessitated by the number of revisions.

A minor revision does not involve modification in numbering and is issued as replacement pages. The effective date and the change number are printed at the bottom of each of these pages.

NOTE : In international ADP exchange, the IIG number must have 6 digits, initially the last two being zeros.

If for an IIG the first character of which is T (Temporary IIG), Section I is composed of one part, these digits are zeros; if Section I is composed of several parts, the fifth digit is a dash and the sixth is a letter indicating the part used.

Examples	**FOR PUBLICATION**	**IN ADP FORMAT**
A IIG without revision	A001	A00100
A IIG after a first major revision	A001A	A001A0
T IIG with a single part in Section I	T196	T19600
T IIG with several parts in Section I	T196	T196-C

Sub-Section 252 - Implementation of IIGs

252.1 General

The implementation of IIGs is conducted under the direction of Group AC/135 for generalised use in NATO and Tier 2 sponsored countries of the Item Identification Guide System as devised by the United States. Responsibilities in this field are defined as follows:

252.2 Responsibilities of Group AC/135

Under the policy direction of the Group of National Directors, Panel A is responsible for the administration of the IIG system programme. Panel A provides general guidance and defines procedures, programme priorities and implementation plans towards the development of data exchange.

252.3 Responsibilities of NATO and Tier 2 Sponsored Countries

Although the rate and sequence of IIG implementation is a matter of national discretion, every attempt should be made by the NATO and Tier 2 sponsored countries to ensure the development, preparation and maintenance of assigned IIGs including co-ordination with all participating activities. All modifications, which countries judge necessary to the corresponding FIIG, should be co-ordinated as specified in Sub-Section 253.

252.4 Responsibilities of the United States

The United States are responsible for:

- The pursuit of the greatest possible harmony in the FIIG system to facilitate the international development of the IIG system.
- Assigning and maintaining codes used in IIGs in accordance with MILSTICCS principles.
- Establishing and maintaining the MILSTICCS, MRD and Tables of Replies incorporating all replies and tables of NATO and Tier 2 sponsored countries.
- Making available and maintaining the Master Requirements Directory - MRD - if required (see Sub-Section 283).
- Making available IIG data (with H2-H6) in electronic files resulting from the export of data included in a series of tables from the FLIS database (see Sub-Section 537). Those files are available, on a monthly basis, in a Web server of the US NCB for the requesting countries. Data concerning the Reference Drawing Groups are updated on a quarterly basis.

252.5 **Basic Elements for a Description by IIG**

252.5.1 Coded Characteristics Data Group (DRN 3317)

The Coded Characteristics Data Group is the data chain consisting of:

- Master Requirements Code - MRC - (DRN 3445);
- Secondary Address Code - SAC -, eventually (DRN 8990);
- Mode Code Permissible (DRN 4735);
- Coded Reply (DRN 3465) or Clear Text Reply (DRN 4128).

Data (response) is written in the above order. No space is authorised between each element of data, except in a clear reply between two words. The end of a data element with variable length is indicated by an appropriate code (DRN 8268).

252.5.2 **Applicability of Requirements**

Each Approved Item Name has an Applicability Key. The Index of Applicability Keys indicates the requirements related to each item name. It indicates also which requirements are mandatory and which are optional dependant on the instructions to the requirements.

If an answer is given to all mandatory requirements, the type of item identification will be 1, 1A or 1B; otherwise the type of item identification will be 4, 4A or 4B.

252.5.3 **Master Requirements Code - MRC - (DRN 3445)**

Each requirement appearing in Section I (and in Section III) of an IIG is identified by a 4 digit code.

252.5.4 **Identified Secondary Address Coding - ISAC - (DRN 0766)**

The Identified Secondary Address Coding is used to identify specific locations, sequences and relate them to characteristics for a designated MRC.

252.5.5 **Mode Code (DRN 4735)**

Replies are given either in clear or coded text or in a combination of coded and clear text. The manner in which a response to a requirement must be given is specified by a one-position alphabetic code.

For **Clear Text Characteristics Replies (DRN 4128)** codifiers must choose Mode Code '**E**' or '**G**'. Specific Rules for their use are as follows:

Mode Code E:

This Mode Code 'E' is used in lieu of the Mode Code assigned to a requirement. It signifies that the reply represents a specific value as called for by the requirement, but the reply is not included as one of the authorized values. Under the following conditions, Mode Code 'E' is acceptable in lieu of any assigned Mode Code except 'G':

a. It may be used in those instances where the requirement specifies, through an authorized table of replies or other limitations, the replies that are normally acceptable and the appropriate reply is not among those specified. In this sense, Mode Code 'E' represents an exception reply condition.

b. Mode Code ‘E’ replies must be in context with the requirement with which it is used. For example, if a normally acceptable reply was not provided in the reply table for a requirement calling for surface treatment, the reply will be given in full text. Additional data such as surface thickness or colour is not a valid response to this requirement.

c. Mode Code ‘E’ replies must always be given totally in clear text.

d. Mode Code ‘E’ replies must be structured in the same manner as the replies authorized for use with the requirement.

e. Mode Code ‘E’ must not be used in lieu of Mode Code ‘D’ for MRC ‘ELCD’ Extra Long Characteristics Description

Example:

CODED CHARACTERISTICS	DECODED CHARACTERISTICS
AMSP**E**FIBERGLASS	BASIC MATERIAL FIBERGLASS

Mode Code G:

The complete reply, consisting of any combination of words, numerals and/or symbols is given in clear text. This Code is used where the requirement cannot be predetermined. An example of this type of requirement is the —Special Features requirement contained in FIIGs/IIGs. Replies given with this Mode Code do not require decoding.

Example:

CODED CHARACTERISTICS	DECODED CHARACTERISTICS
AGAV**G**AIRCRAFT MODEL C-119	END ITEM IDENTIFICATION AIRCRAFT MODEL C-119

252.5.6 **Coded Reply** (DRN 3465)

A data field which identifies the contents of a reply in coded form. If the tables containing the Reply Codes are too lengthy for inclusion in Section I/III, they are referred to the Appendix A of the IIG. For reply structure see Paragraph 252.7.4

252.5.7 **Clear Text Characteristics Reply** (DRN 4128)

Used for some Mode Code or when coded replies are not available. Clear Text Characteristics Replies shall be in English and may also be provided in the native language of the codifying NCB.

252.6 **IIG Content Guidelines**

252.6.1 Section I of the IIG should be prepared to include narrative definitions of all physical and performance characteristics required to identify and describe an item of supply in order to differentiate it from other items. Requirements should be limited to the minimum necessary to accomplish NSN assignment. The requirements should be established in such a manner that resulting replies will be brief, yet fully describe the characteristics defined.

To appear in Section I, a requirement must meet all the following conditions:

- absolutely required to differentiate one item from another in order to accomplish stock number assignment;
- specifically related to physical and performance characteristics of the item to be described (i.e. not management-type data);
- applicable to at least 1% or 100 (whichever is smaller) of the total range of items in the commodity area of the requesting country (characteristics applicable to a smaller population can be entered through use of the requirement "special features");
- not a restatement or expansion of an already established requirement.

252.6.2 Requirements and instructions must be simple, clear, and easy to understand. Obscure technical terms or jargon should not be used. Only requirements which are needed for differentiation of items of supply should be included. Requirements should be limited to those specific to the commodities covered. Generalised requirements should not be established solely to achieve greater IIG coverage. Maximum use should be made of previously developed data.

252.7 **IIG Requirements**

The following rules are provided for guidance and cover several aspects on IIG preparation not specifically explained elsewhere.

252.7.1 **Single Characteristic per Requirement**

Each requirement should reflect only one characteristic. A characteristic, however, may be made up of several sub-characteristics listed in tabular form, so that only one requirement is necessary for reply.

Examples:

- The actual size may be keyed to tolerance range to provide "size" which is the characteristic stated as the IIG requirement.
- A requirement such as "Quantity and Size of Mounting Holes", however is not acceptable because two characteristics and two variables are involved. If two variables are required to describe a single characteristic, they must be identified or coded as one reply.

252.7.2 **Single Requirement for Characteristic**

The same characteristic or variable must not be included in more than one requirement. This does not preclude use of the characteristic or variable in more than one table referring to different requirements. A requirement must not appear more than once merely because of a difference in expression.

252.7.3 **Requirement Structure**

252.7.3.1 An IIG requirement is divided into three parts:

- the title of the requirement;
- the definition;
- the reply instructions.

Collectively, the three parts must provide a clear indication and delimitation of a characteristic in a manner that they provide for a specific reply which is not subject to arbitrary interpretation. Whenever possible, requirements should result in replies which do not require further definition by other requirements.

252.7.3.2 The title of the requirement should be short and concise immediately identifying the characteristic of the item being described. The following guidelines are furnished for the development of the titles of requirements:

- The title of a requirement must not contain punctuation marks.
- Singular word form is preferred to plural word form.
- Words such as "designator", "indicator", "symbol" or "code" should not be used unless required by technical content.
- The IIG title, or Approved Item Names covered by the appropriate IIG should not appear in the titles of requirements.
- A specific unit of measurement may appear in the title of a requirement only when such a unit is never acceptable in differing form or multiple. (For example, "Arc in Degrees", may be acceptable, whereas "Length in Inches" is never acceptable, because length may be given in feet, metres etc.) When the unit is included in the title of a requirement, Mode Code B or F should be utilised.
- When a newly standardised term for rating or measuring is used the previous term in parentheses should follow the new term, e.g. CELSIUS (CENTIGRADE); HERTZ (cycles per second).

The previous term should also be shown on at least the first occasion that the new term is used in the requirement instruction.

252.7.3.3 Requirements definitions should be as broad as possible, yet adequately describe the characteristic being defined. The following guidelines are furnished for development of requirement definitions:

- The definition should be clearly worded, avoiding the use of the requirement delimitation in the definition. Use of NSO, ISO, IEC or other standardisation institutes recommended definitions should be used whenever available.
- Units of measure should not appear in a definition unless they are invariable and required to define the characteristic.
- MRD definitions should be used whenever applicable.

252.7.3.4 Reply instructions form a very important part of a requirement. It is through the discipline of the reply instructions that all replies to the requirement in a specific IIG are transmitted in the same language. Conversions from fractions to decimal format, if required, should be shown in Appendix C.

252.7.4 **Reply Structure**

Replies to requirements must be structured in either coded or clear language in accordance with the principles of MILSTICCS. Clear language replies shall be in English and may also be provided in the native language of the codifying NCB.

252.7.4.1 Qualitative coded replies which can be predicted must be included in a table from which a selection can be made readily by the user of the IIG. Within a given reply table for a MRC and whatever the IIG, the number of the coded characters must be equal. The table of replies should be established by applying the following rules.

252.7.4.2 **Reply Codes** should be as short as possible and still provide sufficient code lengths to cover the quantity of known replies or predictable '1' replies in a table. In development of Reply Codes for a MRC Reply Table, if ten or less Reply Codes are the maximum that can be expected as the number of replies, a single character should be established as a Reply Code and the table appears in this case in Section I/III, following replies instructions. Where the possibility of replies exceeds ten, two or more characters will be needed for each code, depending upon the quantity of different replies anticipated. Reply Codes should be mnemonic whenever possible. Thus, the replies "LEFT" and "RIGHT" are always coded "L" and "R" respectively. Reply Code may be all numeric, all alpha or controlled alphanumeric within a given table.

Existing codes must not be recoded, which means, once having been assigned Reply Codes must not be changed, supplemented or deleted. This rule must be followed even if the existing codes do not meet the criteria above.

When the table of replies is limited to one positive and one negative reply (e.g., positive and negative measures) the positive reply should be coded "P" (PLUS) and the negative reply should be coded "M" (MINUS).

252.7.5 **Measurement**

Unless otherwise instructed by a requirement, measurements will be recorded in decimal form.

For International System Units - SI - (Metric) a minimum of one and a maximum of three digits before and after the decimal point may be used. For other units a minimum of one digit must precede the decimal point and, unless otherwise instructed, measurements carried to the nearest three places of decimal are to be used.

Sub-Section 253 - International Collaboration for IIG Maintenance and NATO Supply Class Changes

253.1 FIIG/IIG Co-ordination Status

To ensure that all countries implementing, or having implemented, an IIG are included in any co-ordination action initiated, the following procedure will be adopted.

253.1.1 Within the framework of the international collaboration on Item Names, NSC and IIGs, the list of nations which collaborate can be consulted in Table CodSP-4.

For a complete and up-to-date listing of U.S. IIGs, go to address https://www.dla.mil/HQ/LogisticsOperations/Services/FIC/IIG.aspx on Internet. If you do not have Internet access or cannot download the list, contact the US NCB, and they will provide you with a copy of the list.

253.2 Procedure

253.2.1 The NATO or Tier 2 sponsored country needing to revise an IIG/FIIG should forward a request via E-mail to fiigs@dla.mil

The E-mail must have attached to it the completed NATO Form AC/135-No 28A and technical data having regard to the rules and requirements stipulated in paragraph 252.7. The US NCB will send the NATO Form AC/135-No 28A to all participating nations identified in the CodSP-4 “Technical Contacts - H2/H6/IIG Collaboration”.

The timeframe for collaborations is defined as **10 days**. Co-ordination and collaboration may only be carried out on the last IIG issue, updated to the latest corrigendum.

253.2.2 The US NCB initiates a co-ordination action with request forms to all countries participating in International collaboration and US services for concurrence and comments. Each participating country should review the proposed revision and provide comments to the US NCB, through e-mail with courtesy copies to all collaborating countries (listed in CodSP-4: Technical Contacts - H2/H6/IIG Collaboration), within **10 days** from receipt. The exception is NSC’s, where **30 days** from receipt will be allowed. No comments within the said timeframes means full agreement with the request.

253.2.3 During the reply timeframe:

a. If there are dissenting views or suggested revisions to the original proposal, the non-concurring country must provide either additional technical data, or justification and/or comment supporting the dissenting views or suggested revision to the original proposal.

b. The US NCB will analyse the comments received and determine whether to discuss the dissenting views or suggested revisions with the submitting country, or withdraw, amend or pursue the original proposal.

c. Exchanges of correspondence to revise a notification will be between the submitting country, the country which disagrees with the proposal and the US NCB, with courtesy copies to all collaborating countries (listed in CodSP-4 : Technical Contacts - H2/H6/IIG Collaboration).

d. The US NCB will make every effort to obtain consensus among collaborating nations.

253.2.4 If after exchange of information the submitting and non-concurring countries change their decision, any revisions to the proposal will be sent to the US NCB by the submitting country. If the submitting country decides to withdraw the proposal, participating countries will be advised of the decision. If the original proposal has significant amendments, participating countries will be provided an opportunity to comment upon the revised proposal.

253.2.5 Should it prove impossible to reconcile comments or counter proposals, the proposals are referred to AC/135 Panel A who will, if necessary, present detailed proposals to the Group of National Directors for a final decision.

253.2.6 All Except USA (AEUSA) Item Names: Formerly, ACodP-1 allowed the creation of INCs labelled “All Except USA” in cases where all countries agree with an Item Name proposal except NCB US. However, effective January 1, 2009, the creation of new AEUSA INCs is not allowed. AC/135 is working to reduce, and eventually to eliminate, AEUSA INCs from the NCS.

253.2.7 DLA Logistics Information Service will implement the proposal in accordance with US Procedures Manual DoD 4100.39-M, Volume 3, Chapter 2, “ITEM NAMES” (available online at FLIS Technical Procedures).

253.2.8 The submitting country and participating countries will be informed by DLA Logistics Information Service through e-mail about implemented changes, and DLA Logistics Information Service will publish the changes. Also, there is an IIG Change List in the back of each IIG that shows all current changes to that IIG.

253.3 **NATO Form AC/135-No 28A** - H2/H6/IIG Collaboration Action Request (see 253.3.3)

253.3.1 **General**

253.3.1.1 NATO Form AC/135-No 28A should be used by the submitting country to co-ordinate all revisions of the Item Identification Guides - IIGs -, the Item Name Directory (H6) and Classification Handbooks (H2). When countries have multiple requests each addition / change / deletion is considered a separate request and should be submitted on separate NATO Forms AC/135-No 28A .

253.3.1.2 The US NCB initiates a co-ordination action with the request forms for concurrence and comments to the submitting country and all co-ordination countries listed in CodSP-4 : Technical Contacts - H2/H6/IIG Collaboration.

253.3.1.3 Copies of any dissenting views and/or proposals for revision should be forwarded to the US NCB, at E-mail address listed in CodSP-4 : Technical Contacts - H2/H6/IIG Collaboration, with courtesy copies to all collaborating countries (listed in same CodSP).

253.3.1.4 Proposed changes to Item Names and NSCs should be entered on the form and forwarded via E-mail to fiigs@dla.mil.

253.3.1.4.1 DLA Logistics Information Service notifies all users of NSC changes through C/F letters, copies of which may be found at:
https://www.dla.mil/HQ/LogisticsOperations/Services/FIC/IIG/CFLetters.aspx

Note: NSC changes will not be implemented until six months after they are approved because of the potentially large impact they may have in item management.

253.3.2 **Purpose and Application of NATO Forms AC/135-No 28, Part A and B**

253.3.2.1 **Part A: H2/H6/IIG Collaboration Action Request – Transmittal Form (NATO Form AC/135-No 28A)**

(1) The purpose of this form is to co-ordinate all proposed H2/H6/IIG changes between Collaborating NCBs and US NCB.

(2) Provision is made for:

(a) Proposed Item Names & associated CPV codes

(b) Item Name Definition:

(i) Addition of AIN definition;

(ii) Revision of AIN definition & associated CPV codes;

(c) Approved Item Name:

(i) Cancel of Approved Item Names;

(ii) Cancel / Replace of Approved Item Names;

(iii) NSC Action of Approved Item Names;

(iv) Colloquial term for Approved Item Names;

(d) Basic Name:

(i) Addition of basic names;

(ii) Cancellation of basic names;

(iii) Revision of basic names;

(e) MRC Action:

(i) Add a MRC;

(ii) Delete a MRC;

(iii) Revise a MRC;

(f) Reply code(s):

(i) Add reply code(s);

(ii) Delete reply code(s);

253.3.2.2 **Part B: H2/H6/IIG Collaboration Action Request – Reply Form (NATO Form AC/135-No 28B)**

Form to show Collaboration replies from NATO countries to proposed action(s).

253.3.3 Completion of NATO Forms AC/135-No 28, Part A and B

253.3.3.1 Part A: H2/H6/IIG Collaboration Action Request – Transmittal (NATO Form AC/135-No 28A)

Information to be entered by the initiator of the Collaboration Action Request

Block	Instructions
1	Insert your "3-letter" Country Code according to ISO 3166-1 and as listed in CodSP-3.
2	Insert your national reference and date for control purposes.
3	Receivers of the report are: - US NCB; - All Collaborating NCBs (see CodSP-4)
4	Enter affected INC for proposed action. If this request is for an action on an existing name enter the Item Name Code (INC) here. If this is a new name request enter the INC of a similar item here. If changing or deleting, identify information to be altered;
5	Check appropriate box(es) for desired action
6	Describe/explain what action is to be taken and what it should accomplish
7	If applying to multiple INCs a list of INCs should be part of the proposal or added as an attachment. Beneath this number enter in parentheses the appropriate Condition Code. List specified NSCs for Condition Code 2 with an NSC Modifier (in lower case) on the same line. List all modifiers for Condition Code 2 NSCs regardless of action. List the NSCs in numeric order
8	PROPOSED CPV CODE: the appropriate CPV code should be entered including the decoded text. The CPV-INC mapping table should be used to help identify a suitable CPV code. The CPV-INC mapping can be found in NABS; NOTE: Selection of the proposed CPV should take into account the CPV used for similar Approved Item Names (AINs) to ensure a uniform approach. Agreement of the CPV will be reached in accordance with the procedure set forth in Sub-Section 253.2
9	State/justify why this action is needed. For example, "There is no current Approved Item Name that describes this item";
10	Enter any information not previously covered along with Point of Contact information here; Include the name, country, telephone number and e-mail address of the requester

253.3.3.2 **Part B : H2/H6/IIG Collaboration Action Request Reply Form (NATO Form AC/135-No 28B)**

Information to be entered by the recipient of Part A

Block	Instructions
1	Insert your “3-letter” Country Code according to ISO 3166-1 and as listed in CodSP-3.
2	Insert your reference and date for control purposes.
3	Receivers of the report are: - US NCB; - All Collaborating NCBs (see CodSP-4)
4	National Reference of the country having requested the proposed action (c.f. NATO Form AC/135-No 28, Part A, Block 2)
5	Decision: Checkmark the appropriate box (concurrence or disagreement with the action proposed should be stated)
6	Comments and/or recommendations supporting the decision as appropriate
7	Signature of the official responsible for the concurrence/non-concurrence.

NATO CODIFICATION OF EQUIPMENT / CODIFICATION OTAN DES MATÉRIELS

H2/H6/IIG COLLABORATION ACTION REQUEST / DEMANDE DE COLLABORATION H2/H6/GIA

PART A SUBMITTER'S FORM — **PARTIE A – FORMULAIRE DE SOUMISSION**

1 FROM / DE :	2 REFERENCE / RÉFÉRENCE, DATE :	3 TO / DESTINATAIRES : USA & COLLABORATING NCBs / ÉTATS-UNIS & BNC PARTICIPANTS

4 INC / CODE DÉNOM :

Please select action below, provide justification, any comments, and attach only technical data to request / Veuillez s.v.p. sélectionner la mesure ci-dessous, fournir la justification, vos éventuels commentaires et joindre uniquement des données techniques à la demande

5 PROPOSED ACTION / MESURE PROPOSÉE	6 EXPLAIN PROPOSED ACTION / EXPLICATION DE LA MESURE PROPOSÉE	7 NSC / CLASSE
☐ Proposed Item Name / Proposition de dénomination		
☐ Item Name Definition / Définition d'une dénomination ☐ Add / Ajout ☐ Revise / Révision		
☐ Approved Item Name / Dénomination approuvée ☐ Cancel / Annulation ☐ Cancel-Replace / Annulation-Remplacement ☐ NSC Action / Opération Classe OTAN ☐ Colloquial / Usuelle		
☐ Basic Name / Dénomination de base ☐ Add / Ajout ☐ Cancel / Annulation ☐ Revise / Révision		
☐ MRC Action* / Opération MRC* ☐ Add / Ajout ☐ Delete / Suppression ☐ Revise / Révision		
☐ Reply Code(s) / Code(s) réponse ☐ Add / Ajout ☐ Delete / Suppression		
*Please specify MRC tied to the MRC Action / *Veuillez s.v.p. mentionner le MRC lié à l'opération MRC		

8 PROPOSED -CPV- CODE / CODE -CPV- PROPOSÉ :

DECODED TEXT / TEXTE DÉCODÉ :

9 JUSTIFICATION

10 COMMENTS (Please provide name and contact information of Submitter) / COMMENTAIRES (Veuillez s.v.p. fournir le nom et coordonnées de l'auteur de la proposition)

NATO FORM AC/135-No 28A — **12.07** — **FORMULAIRE OTAN AC/135-N° 28A**

NATO CODIFICATION OF EQUIPMENT / CODIFICATION OTAN DES MATÉRIELS

H2/H6/IIG COLLABORATION ACTION REQUEST/ DEMANDE DE COLLABORATION H2/H6/GIA

PART B – COLLABORATION COMMENTS **PARTIE B – OBSERVATIONS DE L'ORGANISME PARTICIPANT**

1 FROM / DE :	2 REFERENCE / RÉFÉRENCE, DATE :	3 TO / DESTINATAIRES : USA & COLLABORATING NCBs / ÉTATS-UNIS & BNC PARTICIPANTS

4 PART A – REFERENCE / RÉFÉRENCE, DATE :

5 DECISION / DÉCISION :

☐ CONCUR WITHOUT COMMENT /
ACCORD SANS COMMENTAIRE

☐ CONCUR WITH COMMENT-RECOMMENDATION /
ACCORD AVEC COMMENTAIRE-RECOMMANDATION

☐ NON-CONCUR WITHOUT COMMENT-RECOMMENDATION /
DÉSACCORD SANS COMMENTAIRE-RECOMMANDATION

☐ NON-CONCUR WITH COMMENT-RECOMMENDATION /
DÉSACCORD AVEC COMMENTAIRE-RECOMMANDATION

6 COMMENT(S) - RECOMMENDATION(S) / COMMENTAIRE(S) – RECOMMANDATION(S) :

7 SIGNATURE :

NATO FORM AC/135-No 28B	12.07	FORMULAIRE OTAN AC/135-N° 28B

Sub-Section 254 - International Collaboration of New Item Identification Guides (IIGs)

254.1 **Purpose**

254.1.1 This Sub-Section defines the procedures to be used to initiate and internationally collaborate, the development of an Item Identification Guide (IIG) by a NATO country other than the United States or a Tier 2 sponsored country. The objectives of these procedures are to ensure that:

a. all NCBs are informed of a 'national' intention or proposal to develop a new IIG;

b. all interested NCBs have an opportunity to provide comments to the originating NCB; and

c. all proposals for new IIGs are processed with the shortest possible timeframe.

254.2 **Definitions**.

254.2.1 For the purposes of this Sub-Section, the following definitions apply :

a. Nationally developed IIG. Refers to an Item Identification Guide which has been proposed and developed by a NATO country other than the United States or a Tier 2 sponsored country.

b. Initiating/Originating Country. Refers to the NATO country or Tier 2 sponsored country which initially proposes and develops a new IIG.

254.3 **Item Identification Guide (IIG) Registration/Action Request**

254.3.1 A NATO or Tier 2 sponsored country which identifies a requirement for and/or proposes to develop a new IIG will prepare and forward **NATO Form AC/135-No 28C "Item Identification Guide Registration/Action Request"** to DLA Logistics Information Service with an information copy to all NCBs. The purpose of the "IIG Registration/Action Request" is twofold:

a. to provide DLA Logistics Information Service with sufficient information to evaluate the proposal and prevent a possible duplication of IIG development effort; and

b. to advise all NCBs that a new Item Identification Guide is being proposed for development.

NOTE : In order to minimise processing delays, IIG Registration/ Action Requests will be transmitted by e-mail to fiigs@dla.mil, wherever possible.

254.3.2 As indicated in Sub-Section 254.3.1 above, the Item Identification Guide (IIG) Registration/Action Request is solely intended to notify DLA Logistics Information Service, as well as all NATO NCBs, of a national intention or proposal to develop a new IIG. As a result, the IIG Registration/Action Request should be prepared and submitted prior to undertaking any significant development effort on the proposed new IIG.

254.3.3 Because it is only a notification of intention, there is no requirement that the IIG Registration/Action Request be subject to international collaboration procedures. Countries will however be afforded an opportunity to subsequently collaborate in the development of the proposed new IIG (refer to Sub-Section 254.4).

254.3.4 Each “IIG Registration/Action Request” shall provide the following information:

a. Approved Item Name(s)/Item Name Code(s):

(1) If a new Approved Item Name (AIN) is being proposed, the proposed NATO Stock Class (NSC) and Item Name Definition will also be identified. In addition, a properly completed Item Name Action Request (NATO Form AC/135 No 28 Parts A and B) will be attached to the IIG Registration/Action Request.

(2) If it is proposed that an existing Approved Item Name (AIN) be developed into a “new” IIG, the Item Name Code (INC) as well as the current IIG/GIA number and Item Name Definition will be provided.

b. Applicable reference data for each Approved Item Name (AIN). If relevant to the proposal, the submitter will also provide copies of relevant technical data sheets.

c. A short statement describing and providing justification for the proposed new IIG; and

d. The name and contact numbers (telephone and facsimile) of the person responsible for development of the proposed 'new' IIG.

254.3.5 Upon receipt of an 'IIG Registration/Action Request', DLA Logistics Information Service will determine whether the proposed new IIG duplicates an existing IIG or an IIG already proposed or under development.

254.3.6 Within **10 days** after receipt of an IIG Registration/Action Request, DLA Logistics Information Service will provide a reply to the initiating NCB (info all NCBs):

a. If the proposed new IIG duplicates an IIG currently under development by the United States or another NATO or Tier 2 sponsored country, the DLA Logistics Information Service reply will indicate the proposed IIG number, the expected completion date and provide details concerning the point of contact;

b. If the proposed new IIG duplicates an existing IIG, the DLA Logistics Information Service reply will indicate the IIG Number and Revision Date;

c. If the proposed new IIG does not duplicate an existing or proposed IIG, the DLA Logistics Information Service reply will indicate whether the development of the new IIG should be undertaken by the United States or whether the initiating NCB is authorised to proceed with development.

254.4 **International Collaboration Procedures**

254.4.1 Upon receipt of a DLA Logistics Information Service reply indicating the 'national' development is to proceed, the originating NCB will finalise the development of the proposed new IIG and forward a copy to all NCBs. Within **10 days** after receipt of the draft, NCBs will forward their recommendations/comments to the originating NCB.

254.4.2 The originating NCB will review all recommendations/comments provided by interested NCBs. Discrepancies concerning the content of the proposed IIG will be settled through bilateral discussion and/or correspondence.

254.4.3 In the event that comments or counter-proposals concerning the content of the proposed new IIG cannot be reconciled through bilateral discussion and/or correspondence, the originating NCB will forward the draft IIG and all supporting documentation to DLA Logistics Information Service for arbitration.

254.5 Format of Draft IIG Proposals

254.5.1 In order to facilitate international collaboration and review of proposed new IIGs, draft copies will be prepared in accordance with the detailed procedures and instructions governing the format and content of IIG proposals contained in the FIIG Users Handbook. IIG proposals should be submitted on diskette, in ASCII format, as well as in hard copies.

254.5.2 Where a draft IIG proposes the addition/deletion/amendment of existing MRCs, replies etc., the IIG maintenance procedure set forth in Sub-Section 253 will also apply.

254.6 Maintenance of Nationally Developed IIGs

254.6.1 All requests for additions/deletions/amendments to an approved nationally developed IIG are to be forwarded to the originating country using the procedures set forth in Sub-Section 253. The originator will be responsible for submitting and co-ordinating changes with DLA Logistics Information Service.

254.7 Publication of Nationally Developed IIGs

254.7.1 Fully collaborated IIG proposals will be forwarded to the United States (DLA Logistics Information Service) for publication and made available to all NCBs in accordance with existing procedures.

254.7.2 In order to facilitate subsequent maintenance of the new IIG, DLA Logistics Information Service will ensure that the originating country is clearly identified and that a statement outlining the special maintenance procedures set forth in Sub-Section 254.6 are incorporated into the new IIG.

254.8 F(IIG) Support Data/Files

254.8.1 Nationally developed IIGs that are fully collaborated and published may, at some time in the future, be adopted for use by other NCBs. As a result, nationally developed IIGs must be afforded the same status as US-developed IIGs.

254.8.2 In order to maintain the integrity of the NATO Codification System, the United States (DLA Logistics Information Service) will ensure that all new and/or amended nationally developed IIGs are fully incorporated into the MRD and any affected F(IIG) support files. In addition, those countries which have developed 'national' decode systems must ensure that these systems are updated to reflect the existence of nationally developed IIGs.

NATO CODIFICATION OF EQUIPMENT / CODIFICATION OTAN DES MATÉRIELS

ITEM IDENTIFICATION GUIDE REGISTRATION/ACTION REQUEST
DEMANDE D'ENREGISTREMENT D'UN GUIDE D'IDENTIFICATION D'ARTICLE

FROM / DE :	REFERENCE / RÉFÉRENCE, DATE :	TO / À : **DLA Logistics Information Service (INFO ALL NCBs)**

APPROVED ITEM NAME(S) / DÉNOMINATION(S) APPROUVÉE(S) : ☐ Proposed / Proposée(s) ☐ Existing / Existante(s)

ITEM NAME CODE(S) / CODE(S) DÉNOMINATION :	(F)IIG / GIA:

ITEM NAME DEFINITION(S) / DÉFINITION(S) DE DÉNOMINATION :

ITEM REFERENCE(S) / RÉFÉRENCE(S) ARTICLE :	NCAGE CODE / CODE NCAGE :	REFERENCE NUMBER(S) / NUMÉRO(S) DE RÉFÉRENCE :

SUPPORTING DOCUMENTATION / DOCUMENTATION À L'APPUI :

☐ Technical Documentation-Specification / Documentation technique ☐ Other / Autre

☐ Draft IIG / Projet GIA ☐ None / Aucune

JUSTIFICATION :

CONTACT PERSON / PERSONNE À CONTACTER :	PHONE / TÉLÉPHONE :	FAX / TÉLÉCOPIE :

Page of / de Pages

SIGNATURE :

NATO FORM AC/135-No 28C **03.01** **FORMULAIRE OTAN AC/135-N° 28C**

Sub-Section 255 - Reference Drawings

255.1 **Definition**

Reference drawings are illustrations which portray and identify general details of the items of supply being identified. They are as broad in scope as possible so that a number of items may be covered by a single drawing and they may not include dimensional requirements.

255.2 **Addition of Reference Drawings**

255.2.1 If an item of supply is being identified and its style is not represented by any Reference Drawing contained in the appropriate FIIG, a request for inclusion within the appropriate Reference Drawing Group - RDG - may be submitted by use of the NATO Form AC/135-No 28 (see Sub-Section 253).

255.2.2 Application for the addition of a style should only be made when an item is of a general style. An item of unique configuration which is unlikely to be repeated should be identified by Partial Description, the style requirement being omitted.

255.3 **Modification, Updating and Distribution**

255.3.1 The updating and maintenance of Reference Drawings related to FIIGs takes place in the framework of the international collaboration procedure (see Sub-Section 253).

255.3.2 Reference Drawings managed by USA are accessible on the following media:

- IIG publication on electronic data carrier
- IIG consultation on the Web site of the US NCB, at: https://www.dla.mil/HQ/LogisticsOperations/Services/FIC/IIG.aspx

Sub-Section 256 - Support for Exchange of Descriptive Item Identification Data

256.1 General

256.1.1 Descriptive Item Identification Data will be provided to all users, including automatic updating, for all items for which the item identification type is different to Type 2. The Segment Availability/Requirement Table (Sub-Section 472) provides information for all NCBs and NSPA as to the ability of the individual recipients to receive Descriptive Item Identification Data in Segment M or V format.

For screening or interrogation requests users may request Descriptive Item Identification Data in Segment M or Segment V format by applying the appropriate Output Data Request Code - ODRC - (DRN 4690) (see Chapter V, Sub-Section 543).

256.1.2 Exchange of descriptive data is arranged by bilateral agreements and is dependent upon countries/NSPA ability to produce or receive the various formats.

256.2 Segment V and M

256.2.1 The format and codes for these segments are explained in Chapter V.

256.2.2 ADP exchange by Segment V requires the national implementation of the General Decoding System - GDS - and the pertaining decoding tools as provided by the US on a quarterly basis.

Format and contents of the Master Requirements Directory - MRD - are described in Section 280.

Sub-Section 257 - System Support Files used for Characteristics Data Processing

257.1 Introduction

The U.S. maintains System Support Files used for Characteristics Data Processing. The definitions and contents of the System Support Files and their related DB2 tables follow.

257.2 Cataloging Handbook H2 (Federal Supply Classification Groups and Classes)

The Federal Supply Classification was developed to classify items of supply in a commodity classification and is sufficiently comprehensive in scope to permit the classification of all items of personal property. In order to accomplish this, groups and classes were established for the universe of commodities. The structure of the FSC currently consists of 80 groups that are subdivided into 672 classes. The Federal Supply Group (FSG) identifies, by title, the commodity areas covered by classes within the group. Each class covers a relatively homogeneous area of commodities, in respect to their physical or performance characteristics, or in respect that the items included therein are usually requisitioned or issued together, or constitute a related grouping for supply management purposes.

The FSC utilizes a four-digit coding structure. The first two digits of the code number identify the group, and the last two digits of the code number identify the classes within each group. The primary application of the FSC code number is in the National Stock Number (NSN). The NSN for an item of supply consists of the applicable four-digit FSC code number plus the nine-digit National Item Identification Number (NIIN). The FSC Cataloging Handbook (H2) presents the classification structure of the FSC, showing all groups and classes listed in the arrangement of the four-digit FSC code-numbering system. Where appropriate, a definition and the main inclusions and exclusions, which delimit the coverage of a particular class, are shown immediately following the title of the class. (DB2 Tables 076, 316, 491)

257.3 Cataloging Handbook H6 (Federal Item Name Directory)

The Federal Item Name Directory contains all Basic Concept Names, Colloquial Names, and Approved Item Names (AINs) with their associated Federal Supply Classifications (FSCs), Condition Codes, Federal Item Identification Guides (FIIGs), and Item Name Codes (INCs). They are listed in alphabetical sequence. Hyphenated noun phrases are grouped in alphabetical order following single nouns. Definitions are included for Basic Concept Names and AINs. Referenced AINs are listed for Colloquial Names. (DB2 Tables 091, 098, 099, 513, 990)

257.4 FIIG Edit Guides

Characteristic Data Management (CDM) includes the requirement for editing characteristic data criteria in a disciplined manner and structuring the criteria in a mechanized mode to ensure that the characteristics description of an item is answered and valid in accordance with the Military Standard Item Characteristics Coding Structure (MILSTICCS) as instructed by each Federal Item Identification Guide (FIIG). FIIGs, Approved Item Names (AINs), Reply Codes/Replies, and styles coded in the FIIG as “All Except USA” (indicated by “#”) are not coded in the FIIG Edit Guides.

The FIIG Edit Guides are divided into four sections:

- Technical Edit — The Technical Edit insures that data entering the system adhere to predetermined formats and usage of authorized replies. Data not meeting these criteria will be automatically rejected to the submitter. (Portions of DB2 Tables 121, 122, 123)

- Relationship Edit — The Relationship Edit insures that subrequirements cross-referenced to specific MRCs and/or replies are answered for Full Descriptive (Type 1) items. Data not meeting this criterion will be automatically rejected to the submitter. (Portions of DB2 Tables 121, 122, 123)

- Proportion Edit — The Proportion Edit insures that dimensional MRCs are answered proportionately respective of each other (i.e., inside diameter cannot exceed outside diameter). Data not meeting this criterion will be automatically rejected to the submitter. (Portions of DB2 Tables 121, 122, 123)

- Format Edit — The Format Edit insures that data entering the system adhere to predetermined requirements. Every Approved Item Name (AIN) assigned to a FIIG is coded with every applicable MRC listed. Data not meeting these criteria will be automatically rejected to the submitter. (DB2 Table 120)

257.5 **Master Requirements Directory (MRD)**

The Master Requirements Directory (MRD) is a consolidated grouping of item characteristics coding information. MRD represents a single master directory of the Military Standard Item Characteristics Coding Structure (MILSTICCS) data for standardized development and formatting of characteristics data. The MRD promotes the standardization of data elements. This data is used in the development and maintenance of the Federal Item Identification Guides (FIIGs).

This directory contains the requirement statements (inferred questions) and replies (possible valid answers) to be used in developing and maintaining a standard description of an item of supply. The MRD also provides a master directory of Master Requirement Codes (MRCs) and related data consisting of reply tables and reply codes, the styles and their related data consisting of the style numbers and titles, and the Identified Secondary Address Coding (ISAC) data consisting of the ISAC tables and ISAC codes.

The MRD is divided into five components:

- Sections I and VII – Master Requirement Codes (MRCs)

  Contains each MRC with its respective Mode Code, MRC Usage Designator, MRD Status Code, Print Skeleton Code, Keyword Group Code, Keyword Modifier Statement, Requirement Statement, Requirement Statement Definition, MILSTICCS instructions, assigned Reply Table(s) and length of the coded replies, if applicable, utilized by the requirement. (DB2 Tables 126, 127, 347)

- Section III – Reply Tables

  Contains the Reply Tables, the assigned Reply Codes, and the respective decoded Reply Statement. (DB2 Table 128)

- Section V – Style Reply Tables

  Contains the Style Number and decoded style reply statement for each Mode Code L MRC. (DB2 Table 131)

- Section VI, Part I – Identified Secondary Address Code (ISAC) Reply Tables

  Contains the ISAC reply tables for each FIIG and MRC utilizing ISAC coding. (DB2 Tables 120, 122, 124)

- Section VI, Part II – Identified Secondary Address Code (ISAC) Code Replies

  Contains the decoded ISAC reply statement for each ISAC reply table and ISAC coded reply. (DB2 Table 125)

NOTE: Sections II and IV are no longer being used.

257.6 **Reference Drawing Group (RDG) Drawings**

An illustration is one method of indirectly displaying characteristics of an item of supply that may not be possible to include in an item identification directly. The FIIG Appendix B contains one or more illustration or Reference Drawing that are as generic as practical so that they may apply to a maximum number of items of supply. Illustrations or Reference Drawings may be drawings, graphs, tables, diagrams, sketches, photographs, or statements used to illustrate or delimit differentiating characteristics of an item of supply. These illustrations or Reference Drawings are arranged into Reference Drawing Groups (RDGs) which contain drawings with similar differentiating characteristics. The RDGs may be further broken down into sections that contain drawings that portray specific variations of a generic characteristic. Drawings may contain dimensional MRCs that must be answered to obtain a full description (Type 1) for the selected style. (DB2 Tables 321, 322, 323, 324, 325, 326)

257.7 **Weblink to U.S. Catalog Tools Tables:**

https://www.dla.mil/HQ/InformationOperations/Offers/Services/FIC/CatalogToolsTables.aspx

Section 260 - Methods and Types of Item Identification

Sub-Section 261 - Methods of Item Identification

Two methods have been established for accomplishing the process of item identification: the descriptive method and the reference method. The descriptive method is the preferred method (see Sub-Section 263).

261.1 Descriptive Method of Item Identification

The descriptive method of item identification establishes an item of supply by describing the characteristics of that item which give it a unique character.

This facilitates identification and allows the comparison between related items, using the available characteristics to determine the degree of similarity or difference.

This permits:

- The selection of the best item for the intended use;
- The assignment of individual items to appropriate classes of the NATO Supply Classification;
- The disclosure and selection of groups of items for which standardisation may be practicable;
- The ability to group items to serve the needs of multiple logistics functions.

261.2 Reference Method of Item Identification

The reference method of item identification establishes the identity of an item of supply by reference(s) to the item identifying number(s) of one or more manufacturers, denoting the item or items of production included under the same concept. Therefore, under the reference method, the essential characteristics of the item of supply are not delineated in the item identification but can be verified by research of the data represented by the manufacturer's(s') item identification number(s) to differentiate it from every other item of supply by reference numbers, thus providing a basis for comparison of related items of supply by means of the NCAGE Code, Reference Number, RNCC and RNVC.

Sub-Section 262 - Type of Item Identification

262.1 The descriptive and reference methods of item identification produce seven types of item identifications ranked in the following order of precedence:

Type 1 : (full descriptive) item identification

Type 1A : (full descriptive-reference) item identification

Type 1B : (full descriptive-reference-descriptive) item identification

Type 4 : (partial descriptive) item identification

Type 4A : (partial descriptive-reference) item identification

Type 4B : (partial descriptive-reference-descriptive) item identification

Type 2 : (reference) item identification

262.2 **Types of Identification for Approved Item Names**

262.2.1 **Type 1 (full descriptive) item identification**

The full descriptive method of item identification produces a Type 1 item identification in which all essential characteristics of an item are contained and by which the item is distinguished from every other item of supply

A Type 1 item identification should be prepared when the item of supply concept can be identified on the basis of the descriptive characteristics alone. The Type 1 item identification delineates the essential characteristics of the item of supply by use of the following kinds of identification data:

a) The Approved Item Name - AIN - is the first element in each Type 1 item identification.

The AIN in the Item Name Directory - H6 indicates the "Item Identification Guide" - IIG - to be used for the description of the items covered by this AIN.

NOTE : When the AIN refers to the "Miscellaneous Items" IIG -A239- and to the “Sets, Kits, Groups and Outfits” IIG -A238- only a partial description will be possible (Type 4, 4A or 4B).

b) The description of the characteristics of the item of supply by a series of statements in words or numerals ordinarily forms the major kind of identification data used in each Type 1 item identification. The specifying of essential characteristics progressively creates a differentiation between items with the same Approved Item Name. When it is not feasible to delineate all essential characteristics of the item in the description, the description may be augmented to indicate additional characteristics by referring to particular documents or other sources of data descriptive of the item of supply. Approved sources to which references may be made are Government manufacturer's or professional/industrial association specifications or standards. It is essential that all references made are to documents which are recognised within Government or Industry and are generally available.

A Type 1 descriptive identification, established with an IIG, is valid when a positive reply is given to every requirement (MRC) listed as compulsory in the Applicability Key Index.

NOTE : If only one compulsory reply is missing, the item identification becomes Type 4.

262.2.2 **Type 1A (full descriptive-reference) item identification**

The Type 1A item identification delineates essential characteristics of the item of supply in the same manner and to the same extent as for a comparable Type 1 item identification. However, it limits the item of supply to a single item of production by a reference to the manufacturer of the single item of production and to his item identification number. The Type 1A item identification combines the data required for a Type 1 item identification with the data required for a Type 2 (reference) item identification representing a single item of production. A Type 1A item identification should be prepared when a single item of production, specific to one manufacturer, is the only one that can fulfil the item of supply concept and is fully identified by the part Reference Number from this manufacturer.

262.2.3 **Type 1B (full descriptive-reference-descriptive) item identification**

The Type 1B Item Identification delineates essential characteristics of the item of supply in the same manner and to the same extent as for a comparable Type 1A item identification. However, it completes the identification of the item of production by a statement of those minimum characteristics required to differentiate the item of production from other items of production having the same manufacturer's Reference Number. A Type 1B item identification should be prepared when the item of supply contains a feature not inherent in the manufacturer's identifying Reference Number.

262.2.4 **Type 4 (Partial Descriptive) item identification**

An Item Identification of this type is prepared when it is not possible or not beneficial to reply to each requirement provided in the IIG under the Approved Item Name.

The minimum characteristics necessary for a Type 4 is a reply to the MRC NAME and a positive reply to one additional MRC of the IIG, as long as this additional MRC is not established by the IIG as the only compulsory MRC for that item besides MRC NAME.

The maximum description is one reply less than a full description.

262.2.5 **Type 4A (Partial descriptive-reference) item identification**

As with an Item Identification of Type 1A, an Item Identification of Type 4A allows for only one item of production which represents exactly the item of supply. The minimum and maximum requirements are the same as for a Type 4 item identification.

262.2.6 **Type 4B (Partial descriptive-reference-descriptive) item identification**

The Type 4B Item Identification reflects the Type 1B concept in that the item of supply is limited to a single item of production, however the Manufacturer's Reference Number assigned does not completely identify the item. The minimum and maximum descriptive requirements as for a Type 4 also apply to a Type 4B.

262.2.7 **Type 2 (Reference) item identification**

This type is used only when the descriptive method item identification is not justified or cannot be used. The essential characteristics of the item of supply are implicitly indicated by the choice of the item(s) of production designated by its/their reference(s). The Type 2 item identification quotes:

- the Approved Item Name or, if that does not exist, the part name given to the item by the manufacturer or by an official body;
- the manufacturer's Reference Number(s) designating the item(s) of production; and/or
- standard or specification identifying the item of supply.

NOTE: The use of a standard must be exceptional and justified only by urgency. Standard items should be identified by description.

262.3 **Types of Identification for Non Approved Item Names**

262.3.1 Since a Non-Approved Item Name can only be codified to IIG-A239 and cannot have answers to mandatory Master Requirements Codes (DRN 3445), an Item Identification Type 1, 1A or 1B cannot be produced.

262.3.2 A Non-Approved Item Name can however, dependent upon the answers to Master Requirements Codes, have an Item Identification Type 4, 4A, 4B or 2.

262.4 **Coding type of item identification**

For application in ADP procedure a TYPE OF ITEM IDENTIFICATION CODE -TYPE II CODE- (DRN 4820) is assigned to each identification type.

The various codes assigned to item identification types are shown in Chapter 5, Sub-Section 553, Table 10.

Sub-Section 263 - Priority in Use and Reason for the Choice of Item Identification Methods

263.1 Priority in Use

When an Approved Item Name - AIN - and an Item Identification Guide - IIG - exist the descriptive method should be applied whenever possible. When seeking the quality of Item Identification, priority must be given to the full descriptive method (Type 1, 1A and 1B) over the other two methods (Type 2 and 4) which are liable to conceal duplicates. The choice of these last methods must not be based on ease of work or rapidity (except when applying an emergency procedure), but for justified reasons such as:

- no appropriate IIG, except IIG A239;
- it is impossible to obtain all the technical data required for descriptive identification.

When these reasons cease to exist, Item Identification must be completed and revised to a higher quality type.

263.2 Reason for the Choice of the Method of an Item Identification

When an Item Identification is established by reference or by Partial Descriptive Identification, the reason for the choice of the method must be furnished in the proposed Item Identification with the Reference or Partial Descriptive Method Reason Code - RPDMRC - (DRN 4765) provided in Chapter 5, Sub-Section 553, Table 11.

When the RPDMRC shows the provisional nature of an Item Identification it must be transferred into Type 1, 1A or 1B, or the value of the code changed, within a given period of time decided by each NCB.

Sub-Section 264 - Combination of Reference Number Category Code, Reference Number Variation Code and Document Availability Code

264.1 The compatibility between the Reference Number Category Code - RNCC - (DRN 2910), the Reference Number Variation Code - RNVC - (DRN 4780) and the Document Availability Code - DAC - (DRN 2640) in an Item Identification is determined, most of the time, by the type of item identification.

264.2 **Type 1 or Type 4 Item Identification**

MUST HAVE ONE (see Note)			MAY HAVE ADDITIONAL		
RNCC	**RNVC**	**DAC**	**RNCC**	**RNVC**	**DAC**
x1	2	1, 2, 5, A-D	3	2, 9	1-6, A-H, U
			5	1, 2, 9	1-6, 9, A-H, U
			6	9	9
			8	1, 2	1-6, U
			A	1, 2	1-2, 5, A-D
			C	1	1-6, 9, A-H, U
			D	9	1, 2, 5, A-D
			E	8	1-6, 9, A-H, U
2	1, 2, 9	3, 4, 6, E-H	xxxx2	1, 2, 9	3, 4, 6, E-H
			3	1, 2, 9	1-6, A-H, U
			xxx4	1, 9	3, 4, 6, E-H
			5	1, 2, 9	1-6, 9, A-H, U
			6	9	9
			8	1, 2	1-6, U
			A	1, 2	1, 2, 5, A-D
			C	1	1-6, 9, A-H, U
			D	9	1, 2, 5, A-D
			E	8	1-6, 9, A-H, U
3	1, 2, 9	1-6, A-H, U	xxxx2	1, 2, 9	3, 4, 6, E-H
			3	1, 2, 9	1-6, A-H, U
or			xxx4	1, 9	3, 4, 6, E-H
3*	2*	9*	5	1, 2, 9	1-6, 9, A-H, U
and			6	9	9
5*	1, 2 or 9*	1-6, 9, A-H, U*	xx7	1, 2, 9	1-2, 5, A-D
			8	1, 2	1-6, U
			A	1, 2	1-2, 5, A-D
		* See sub-paragraph 264.3	C	1	1-6, 9, A-H, U
			D	9	1, 2, 5, A-D
			E	8	1-6, 9, A-H, U
4	1, 9	3, 4, 6, E-H	xxxx2	1, 2, 9	3, 4, 6, E-H
			3	1, 2, 9	1-6, A-H, U
			xxx4	1, 9	3-4, 6, E-H
			5	1, 2, 9	1-6, 9, A-H, U
			6	9	9
			8	1, 2	1-6, U
			A	1, 2	1, 2, 5, A-D
			C	1	1-6, 9, A-H, U
			D	9	1, 2, 5, A-D
			E	8	1-6, 9, A-H, U

264.3 The use of DAC 9 for a RNCC 3 (Design Control Reference), is permissible only in certain circumstances, see Sub-Section 434.5.3 (Reference Number has not been verified by the manufacturer) and Sub-Section 234 (Use of Standard References) for instructions; in these cases a supporting secondary reference must be present. The supporting reference must have a RNCC 5.

264.3.1 If one Reference Number is coded RNCC "1" (source control), there must be one Reference Number coded RNCC "3" (design control) and there may be additional Reference Numbers coded RNCC "3", "5", "6", "8", "A", "C", "D" or "E".

264.3.2 If one Reference Number is coded RNCC "2" (definitive specification or standard designator), there may be additional Reference Numbers coded RNCC "2", "3", "4" (one only), "5", "6", "8", "A", "C", "D" or "E". See Note xxxx.

264.3.3 If one Reference Number is coded RNCC "3" (design control reference) there may be additional Reference Numbers coded RNCC "2", "3", "4", "5", "6", "7", "8", "A", "C", "D" or "E". If the RNCC, RNVC and DAC combination is "3, 2, 9" then, this combination must be supported by the appropriate Secondary Reference. See Note xxxx.

264.3.4 If one Reference Number is coded RNCC "4" (non-definitive government specification or standard designator), there may be additional Reference Numbers coded RNCC "2", "3", "4", "5", "6", "8", "A", "C", "D" or "E". See Note xxxx.

264.4 **Type 1A or Type 4A Item Identification**

MUST HAVE ONE			MAY HAVE ADDITIONAL		
RNCC	**RNVC**	**DAC**	**RNCC**	**RNVC**	**DAC**
3	2, 9	1-6, A-H, U	3	9	1-6, A-H, U
			4	1, 9	3, 4, 6, E-H
or			5	1, 2, 9	1-6, 9, A-H, U
3*	2*	9*	6	9	9
and			xx7	1, 2, 9	1, 2, 5, A-D
5*	1, 2 or 9*	1-6, 9, A-H, U*	8	1, 2	1-6, U
			A	1, 2	1, 2, 5, A-D
		*See sub-paragraph 264.3	C	1	1-6, 9, A-H, U
			D	9	1, 2, 5, A-D
			E	8	1-6, 9, A-H, U

264.4.1 There must be one Reference Number coded RNCC "3" (design control). There may be additional Reference Numbers coded RNCC "4", "5", "6", "7", "8", "A", "C", "D" or "E". If the RNCC, RNVC and DAC combination is "3, 2, 9" then, this combination must be supported by the appropriate Secondary Reference. Additional references coded RNCC “3” are allowed if the RNVC is coded “9”.

264.5 Type 1B or Type 4B Item Identification

MUST HAVE ONE			MAY HAVE ADDITIONAL		
RNCC	**RNVC**	**DAC**	**RNCC**	**RNVC**	**DAC**
x1	3	1, 2, 5, A-D	5	3, 9	1-6, 9, A-H, U
and 3	3, 9	1-6, A-H, U	6	9	9
			8	1, 2	1-6, U
			A	1, 2	1, 2, 5, A-D
			C	1	1-6, 9, A-H, U
			D	9	1, 2, 5, A-D
			E	8	1-6, 9, A-H, U
3	1, 9	1-6, A-H, U	4	1, 9	3, 4, 6, E-H
			5	1, 2, 9	1-6, 9, A-H, U
			6	9	9
			xx7	1, 2, 9	1, 2, 5, A-D
			8	1, 2	1-6, U
			A	1, 2	1, 2, 5, A-D
			C	1	1-6, 9, A-H, U
			D	9	1, 2, 5, A-D
			E	8	1-6, 9, A-H, U

264.5.1 There must be one Reference Number coded RNCC "1" (source control) with a variation code of "3", or one Reference Number coded RNCC "3" (design control) with a variation code of "1" or “9”.

264.5.2 If one Reference Number is coded RNCC "1" with a variation code of "3", there must be one Reference Number coded RNCC "3" (one only) with a variation code of "3" or “9”.

There may be additional Reference Numbers coded "5" with a variation code of "3" or “9” and/or Reference Numbers coded RNCC "6", "8", "A", "C", "D" or "E".

264.5.3 If one Reference Number is coded RNCC "3" with a variation code of "1" or “9”, there may be additional Reference Numbers coded RNCC "4", "5", "6", "7", "8", "A", "C", "D" or "E".

264.6 **Type 2 Item Identification**

MUST HAVE ONE			MAY HAVE ADDITIONAL		
RNCC	**RNVC**	**DAC**	**RNCC**	**RNVC**	**DAC**
x1	2	1, 2, 5, A-D	3	2, 9	1-6, A-H, U
			5	1, 2, 9	1-6, 9, A-H, U
			6	9	9
			8	1, 2	1-6, U
			A	1, 2	1, 2, 5, A-D
			C	1	1-6, 9, A-H, U
			D	9	1, 2, 5, A-D
			E	8	1-6, 9, A-H, U
2	2, 9	3, 4, 6, E-H	xxxx2	2, 9	3, 4, 6, E-H
			3	2, 9	1-6, A-H, U
			xxx4	1, 9	3, 4, 6, E-H
			5	1, 2, 9	1-6, 9, A-H, U
			6	9	9
			8	1, 2	1-6, U
			A	1, 2	1, 2, 5, A-D
			C	1	1-6, 9, A-H, U
			D	9	1, 2, 5, A-D
			E	8	1-6, 9, A-H, U
3	2, 9	1-6, A-H, U	xxxx2	2, 9	3, 4,6, E-H
			3	2, 9	1-6, A-H, U
or			xxx4	1, 9	3, 4, 6, E-H
3*	2*	9*	5	1, 2, 9	1-6, 9, A-H, U
and			6	9	9
5*	1, 2 or 9*	1-6, 9, A-H, U*	xx7	1, 2, 9	1, 2, 5, A-D
			8	1, 2	1-6, U
			A	1, 2	1, 2, 5, A-D
		See sub-paragraph 264.3	C	1	1-6, 9, A-H, U
			D	9	1, 2, 5, A-D
			E	8	1-6, 9, A-H, U

264.6.1 There must be one Reference Number coded either RNCC "1" (source control), RNCC "2" (definitive specification or standard designator), or RNCC "3" (design control) all with a variation code of "2" or “9”.

264.6.2 If one Reference Number is coded RNCC "1" with a variation code of "2", there must be one additional Reference Number coded RNCC "3" with a variation code of "2".

There may be additional Reference Numbers codes RNCC "3", "5", "6", "8", "A", "C", "D" or "E".

264.6.3 If one reference number is coded RNCC "2", there may be additional reference numbers coded RNCC "2", "3", "4", "5", "6", "8", "A", "C", "D" or "E". See Note xxxx.

264.6.4 If one Reference Number is coded RNCC "3", there may be additional Reference Numbers coded RNCC "2", "3", "4", "5", "6", "7", "8", "A", "C", "D" or "E". If the RNCC, RNVC and DAC combination is "3, 2, 9" then, this combination must be supported by the appropriate Secondary Reference. See Note xxxx.

264.7 **Notes**

x	Must always be combined with one Reference Number coded RNCC 3
xx	Not applicable when additional Reference Numbers are coded RNCC 2 or 4
xxx	Only one Reference Number coded RNCC 4 is permissible when an RNCC 2 is present
xxxx	In the United States only one Reference Number coded RNCC 2 is permissible
"**MUST HAVE ONE**" column indicates that at least one Reference Number with the listed RNCC, RNVC and DAC, as applicable, must be recorded for the listed type of item identification, with the exception of the Type 1 item identification which may be recorded in the system without a Reference Number.	
A Permanent System Control Number – PSCN – should conform to the same NATO rules for RNCC/RNVC/DAC combinations that are applicable to NSNs in this Sub-Section.	

Section 270 - Maintenance of an Item Identification

Sub-Section 271 - General

271.1 Item Identification in the NATO Codification System must be maintained by all users of the system. An Item Identification should be revised, cancelled or reinstated whenever necessary by its users. A NSN will never be physically deleted in its national original database or in the NMCRL database. An existing NIIN will never be used for another concept of item of supply.

271.2 Such decisions are taken at national level. However, in the framework of the international procedures, the related output data must be forwarded to the NATO countries registered as users of the Item Identification. This includes the obligation to update national files accordingly.

271.3 In some cases, the cancellation of an Item Identification entails the agreement of the NATO countries registered as users of the Item Identification (see Sub-Section 273).

Sub-Section 272 - Revision and Transfer of an Item Identification

272.1 In general, an Item Identification ought to be revised when:

a. the characteristics data or the manufacturer's data are inaccurate/incomplete;

b. the item name and/or the NATO Supply Classification of the item of supply is/are incorrect;

c. it is not in accordance with the latest version of the appropriate IIG.

272.2 The transfer of an Item Identification represents a modification of the Item Identification Type.

272.2.1 A Type 2 Item Identification should normally be transferred to any Type 1 or 4 Item Identification when:

a. an applicable tool for the description of the item of supply is available;

b. an Approved Item Name becomes available and the item name definition is deemed inadequate, and has been revised to utilise an existing IIG;

c. an Approved Item Name was not available, a name has been developed and referenced to a new or existing IIG.

272.2.2 The transfer of any Type 1 or 4 Item Identification to a Type 2 Item Identification should only be made in exceptional circumstances.

Sub-Section 273 - Cancellation of an Item Identification

273.1 The decision to cancel an Item Identification should be taken at national level in the circumstances identified below.

a. When different Item of Supply concepts are included in the same NIIN. Also if an Item Identification represents an item of supply concept which is too broad and therefore has to be split into two or more narrow item of supply concepts (Cancel-Replace).

b. Two different Item Identifications with different NIINs reveal duplicate item of supply concepts (Cancel-Duplicate).

c. The Item Identification represents an item of supply no longer existing in any supply system and that has been in an inactive state (all users withdrawn) for a certain period (Cancel-Inactive).

d. The Item Identification, because of incomplete, conflicting or erroneous data, does not clearly or adequately establish the identity of an item. Alternatively, the item cannot be furnished by any known manufacturer, and the item for which it was intended is no longer in any supply system (Cancel-Invalid/Non Procurable).

e. Two different Item Identifications with different NIINs do not depict duplicate item of supply concepts but the national users have indicated that one Item Identification should be cancelled to use another item identification (Cancel-Use).

273.2 Prior to the cancellation of an Item Identification, as mentioned in paragraph 273.1.d and e, the concurrence or dissent of the countries registered as users of the item is required. The international collaboration procedure is explained in Chapter 4, Sub-Section 446.

273.3 Initiating the cancellation of duplicate Item Identifications in the NATO Master Catalogue of References for Logistics (NMCRL) is made on the basis of the lists of duplicate or potential duplicate NSNs presented by NSPA or when an NCB discovers the existence of duplicate NSNs.

273.4 The NCB with the lower NCB code or the NCB finding such duplications (the initiating NCB), submits LTI output data with a hardcopy of item identification data to the NCB with the higher NCB code.

273.5 The NCB receiving such data information (the reviewing NCB) will review the data received, together with its own data to determine which NSN is to be cancelled.

The following criteria have been adopted:

a. Give priority to the country of the design control authority if this criterion can be established without ambiguity for a NATO or a TIER 2 country;

b. Give priority to items with the highest number of users;

c. Retain the NSN first allocated;

d. Give priority to Type of Item Identification, Type 1, Type 4 and Type 2.

NOTE: The retained NSN will not have a “lower” type than that of the cancelled NSN. The NCB owning the retained NSN will change the item accordingly (INC, NSC, segment V) if required. If the NCB owning the retained NSN has no possibility to upgrade the type of its NSN, a bilateral solution should have to be found. (National capabilities for providing codification data are stipulated in CodSP-21).

273.6 Thereafter, the reviewing NCB initiates corrective actions on its own files, where possible, or informs the initiating NCB of its recommendations for action.

273.7 The initiating NCB finalises the actions on the basis of the reply from the reviewing NCB.

273.8 Every effort is to be made to arrive at a solution within a reasonable time. Should it be impossible to agree to a solution, action should be taken to amend the references in a way that would eliminate the duplicate situation.

273.9 If a nation wants to propose cancellation of an item identification of another country’s NSN or group of NSNs, the request should be sent via E-mail / NATO Form AC/135 No 34 or via NSN Online Maintenance Tool. It should include all the documentation the receiving country will need to evaluate and process the proposed maintenance action(s). Timeframes for processing maintenance transactions are specified in Chapter IV, Sub-Section 435.

The owner nation of the NSN evaluates the proposal and starts the cancellation process described above.

Sub-Section 274 - Reinstatement of an Item Identification

274.1 A cancelled Item Identification should be reinstated when it represents an item of supply currently active in the supply system provided that it does not duplicate another Item Identification.

274.2 Although the reinstatement of an Item Identification primarily results from a proposal submitted by a national user, a similar decision may be taken upon manual request via E-mail / NATO Form AC/135-No 34 or via NSN Online Maintenance Tool from a NATO or Tier 2 sponsored country. In order that the reinstatement transaction can be identified by the requesting country's suspense file, the manual request via E-mail / NATO Form AC/135-No 34 must contain the DCN in the requesting country's series.

Section 280 - General Decoding System

Sub-Section 281 - General

281.1 The most essential purpose of the Item Identification Guide System is to provide the ability to register, to catalogue, to search, to screen and to exchange coded characteristics data by means of ADP.

281.2 International exchange by ADP of these coded characteristics data takes place using Segment V in accordance with the appropriate procedures and formats (see Chapter 5).

Sub-Section 282 - Decoding Segment V Characteristics Data

282.1 For decoding purposes at national level the General Decoding System furnishes the tools to decode item characteristics data in Segment V format independent of the progress of nationally implemented Item Identification Guides -IIGs-.

282.2 Countries which are in the position to receive and/or submit coded characteristics data by Segment V should make arrangements on this matter by bilateral agreement.

282.3 Part of the General Decoding System is the Master Requirements Directory -MRD - established and maintained by the United States.

Sub-Section 283 - Master Requirements Directory - MRD

283.1 The contents and structure of the Master Requirements Directory are described in Sub-Section 284 and concern the method to decode information in the FIIG/IIG System. This includes all decoding tables for the requirements present in Section I and III of the FIIGs/IIGs so that countries using Section III data may include this data in Segment V for international exchange and discretionary use by the recipients.

283.2 On request the Master Requirements Directory will be made available on an agreed electronic media by the United States.

283.3 Authorised MRCs which have been deleted in the FIIGs/IIGs and which should not be used for future FIIG/IIG development will be maintained in the MRD table concerned with the indication (D) - "not authorised for future development". This makes it possible to decode Segment V prepared in accordance with previous editions of the FIIG/IIG.

283.4 For the international exchange of Segment V characteristics data the decimal point should be used as a standard for representing decimal values.

283.5 Beside the data mentioned in Sections II, III, V and VI, the US Master Requirements Directory -MRD- contains two supporting tables concerning the H- and J Mode Code Reply Code structure and the Approved Item Names.

283.5.1 Within this context the Reply Code Tables appearing in the US Master Requirement Directory may consist of Reply Codes of different lengths. The Reply Codes relating to an individual H - or J Mode Code and its pertaining Master Requirements Code - MRC - will always have a uniform number of positions. This relation is the basis for the table "MRC Oriented Reply Code Structure" which forms part of the General Decoding System and is essential for decoding replies structured from more than one Reply Table, as used for MRCs with Mode Code H and J.

283.5.2 All Approved Item Name Codes - INCs - including the Approved INCs assigned by the United States under agreed collaboration procedures, together with the Approved Item Names are assembled in a separate table which also forms part of the Master Requirements Directory.

283.5.3 For decoding purposes the individual countries' nationally assigned INCs and item names may be exchanged on a bilateral basis in the same format as the General Decoding Table for Approved Item Names mentioned in above Paragraph 283.5.2.

Sub-Section 284 - Contents and Structure of the Master Requirements Directory

284.1 **The Master Requirements Directory** comprises the following sections.

284.1.1 **Master Requirements Code - MRC - Sequence - Table**

This section contains the following data elements:

- Master Requirements Code;
- Mode Code;
- Requirement/Definition;
- Related Reply Table number.

284.1.2 **Reply Code Tables**

This section contains the following data elements:

- Reply Table number;
- Reply Code;
- Decoded Reply.

284.1.3 **L-Mode Code Tables**

This section contains the following data elements:

- L-Mode Code Related Master Requirements Code;
- FIIG/IIG Number;
- Reference Drawing Style Number;

NOTE : An identification code will be present in the form of a one character data element which will be blank if the Reference Drawing Group - RDG - description can be contained in one line. Otherwise it will indicate the line sequence beginning with "0", the last line being numbered "9".

- Decoded Reply.

NOTE : The decoded reply consists of two parts:
- The first part is the alpha and/or numeric identifier in the FIIG/IIG Reference Drawing Group.
- The second part contains the clear text name (title) applied to the Reference Drawing.

284.1.4 **Identified Secondary Address Coding - ISAC - Tables**

This section contains the following data elements:

(1) Part I provides the means to identify the relevant table to be used in decoding a specific Identified Secondary Address Coding and is structured as follows:

- FIIG/IIG Number;
- Master Requirements Code;
- Item Name Code;
- ISAC Table Number.

NOTE : In actual computer decode practice it may be possible to shorten this part to the FIIG/IIG number and the ISAC-Reply Table Number, when the FIIG/IIG concerned applies to only one table. However, the method used is at the discretion of each country.

(2) Part II is structured as follows:

- ISAC Table Number;
- Identified Secondary Address Reply Coding.

NOTE : An identification code will be present in the form of a one character data element which will be blank if the Identified Secondary Address Reply description can be contained in one line. Otherwise it will indicate the line sequence beginning with "0", the last line being numbered "9".

- Text (Decoded Reply).

284.1.5 **Table of Master Requirements Code - MRC - Oriented Reply Code Structure for H and J Mode Code**

This section contains the following data elements:

- Master Requirements Code;
- Requirement Reply Instruction;
- Length Attributes.

284.1.6 **Item Name File**

This section contains the following data elements:

- Approved Item Name Code;
- Full Approved Item Name.

Sub-Section 285 - Maintenance of Master Requirements Directory

285.1 The United States will be responsible for the maintenance and updating of the Master Requirements Directory (MRD).

285.2 The maintenance procedure for the Master Requirements Directory will be complete MRD file replacement by a monthly basis download from the US NCB web site at https://www.dla.mil/HQ/InformationOperations/Offers/Services/FIC/CatalogToolsTables.aspx

See Sub-Section 257 for details.

Sub-Section 286 - Implementation of General Decoding System

286.1 The General Decoding System as described in this section makes it possible to decode characteristics data received in Segment V format by means of ADP. Implementation of the complete Master Requirements Directory is essential for this purpose.

286.2 As a basis for the system procedures for participants in Segment V characteristics data exchange, the following guidelines are recommended:

(1) Each participating National Codification Bureau will make the national provisions for the handling of Segment V data. Details of record layout processing procedures used by individual countries should be confirmed to assist with the systems design and programming.

(2) The Master Requirements Directory should be obtained from the United States and national Approved Item Names and their Item Name Codes assigned for national use should be exchanged bilaterally as necessary. Decode tables should be added to computer databases and tested.

(3) Bilateral agreement should be obtained between participating countries for the exchange of test data. The test data should be constructed, test exchanges made and the test evaluated.

(4) After evaluation of the tests any necessary amendments to computer programs should be made.

(5) The maintenance procedures for the Master Requirements Directory should be as described in Sub-Section 285.

(6) National schedules for participating in the General Decoding System should be determined and allocated.

(7) Bilateral agreement for the commencement of the exchange should be obtained from the other participating countries.

(8) AC/135 will be informed of readiness to commence exchange.

ANNEX A – International Classification/Nomenclature

International classifications / nomenclature below indicated as informative reference (see Sub-Section 233.3) is primarily used for screening purposes.

Classification / Nomenclature	***Associated NCAGE code***
NATO code for standardized fuels, lubricants and associated products An identifying letter and number allocated to a product when it meets a specification which has been accepted under a NATO Standardization Agreement (AAP-6). Examples : ▪ O-135 : Lubricating oil, aircraft turbine engine, Petroleum ▪ G-403 : Grease automotive and artillery Management of NATO Code in accordance with STANAG 1135 is realized by the Military Agency for Standardization (MAS)	I9001
Anatomical Therapeutic Chemical (ATC) classification system System which divides the active substances into different groups according to the organ or system on which they act and their therapeutic, pharmacological and chemical properties. Examples : ▪ A11AA04 : Multivitamins and trace elements ▪ N02BE01 : Paracetamol ATC classification is updated under the responsibility of the WHO. ▪ http://www.whocc.no/atcddd	I9022
Universal Medical Device Nomenclature System (UMDNS) Medical device coding and classification system. The UMDNS database contains terms relating to medical devices, genetic testing, and software related to medical devices. Examples : ▪ 10134: Anesthesia units ▪ 17662: Bronchoscopes, Flexible, Video The UMDNS is managed by ECRI Institute ▪ www.ecri.org/	I9026

Classification / Nomenclature	***Associated NCAGE code***
Reportable Item Code (RIC) NATO Nomenclature for link an operational capacity to an essential article for the mission. Examples : ▪ AA14A : Tank – 120MM – Leopard 2 ▪ BA56AA : Infantry weapon – Small arm - Machine gun, caliber .50 Management of RIC codes is realized by the NATO Communications and Information Agency (NCIA) in The Hague, Netherlands	I9056
United Nations Standard Products and Services Code (UNSPSC) A coding system of classifying and naming products and services used in electronic commerce. Examples: ▪ 44 10 15 01 : Photocopiers ▪ 25 10 15 09 : Electrically powered vehicle The UNSPSC is managed by GS1 US for the UN Development Programme (UNDP). ▪ http://www.unspsc.org/	I9057
Classification of Waste Regulatory Nomenclature for the classification of waste (European List of Wastes commonly called European Waste Catalogue - EWC) . Examples : ▪ 13 01 04 : Waste hydraulic oils - chlorinated emulsions ▪ 16 01 13 : brake fluids Waste classification is updated under the responsibility of the European Community ▪ http://ec.europa.eu/environment/waste/framework/list.htm	I9075

Classification / Nomenclature	***Associated NCAGE code***
Global Medical Device Nomenclature (GMDN) Nomenclature to identify and characterize different types of medical devices and other related products. This nomenclature appears as a list associating a code, a term and a definition. Examples : ▪ 35486 : Blood bank refrigerator ▪ 37806 : Manual external defibrillator The GMDN is managed by the GMDN Agency and based on the standard ISO 15225. ▪ http://www.gmdnagency.com/	I9084

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NATO MANUAL ON CODIFICATION

ACodP-1

Chapter III - ITEM CLASSIFICATION

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CHAPTER III – CLASSIFICATION

Preface

The Uniform System of Supply Classification concept is outlined in the NATO Standardization Agreement No 3150 (STANAG 3150) - see Chapter I, Section 150.

This Chapter explains the classification system, permitting the grouping of related items into families and sub-families on the basis of physical or performance characteristics or their application.

The instructions contained in this chapter are mandatory for use by all countries participating in the NATO Codification System and the NATO Support and Procurement Agency (NSPA).

Section 310 - The NATO Supply Classification System

Sub-Section 311 - General

311.1 **Purpose**

311.1.1 The purpose of the NATO Supply Classification System is to facilitate supply management by grouping items of supply into families and further dividing them into sub-families, or classes. Each Group/Class covers an area of related items of similar use of uniform management category.

311.1.2 The Classification System adopted by NATO is the one used by the United States and described in the:

(a) Procedures Manual (DOD 4100.39-M) Volume 4, Chapter 2. For current text go to FLIS Technical Procedures and click on Volume 4.

(b) Cataloging Handbook Federal Supply Classification (H2 Series). See https://www.dla.mil/HQ/LogisticsOperations/Services/FIC/H2.aspx

311.1.3 NATO, Tier 1 and Tier 2 sponsored countries may, if they wish, produce their own national language versions of these documents (c.f. paragraph 321.4).

311.2 **Classification System-Taxonomy**

311.2.1 The Classification System utilizes a four digit numbering structure. The first two digits of the number identify the Group and the last two digits of the number identify the Class within the Group.

311.2.2 Of the 99 Groups permitted under the numbering system, about 80 Groups sub-divided into some 670 Classes are presently in use.

311.2.3 Each Class covers a relatively homogeneous area of commodities, in respect to their physical or performance characteristics, the relationship of parts and accessories to the next higher assemblies for which they are specifically designed, or in the respect that the items included therein are such as are usually procured or issued together.

Section 320 - The NATO Supply Classification Handbook

Sub-Section 321 - Listing of Groups and Classes

321.1 The NATO Supply Classification System is published online in the Allied Codification Publication No. 2 (ACodP-2) NATO Multilingual Supply Classification Handbook at https://eportal.nspa.nato.int/ac135public/. The English record is the authority of translated records. Details on collection of translations, storage, production and distribution of supply classification and item names are described below and in CodSP-75.

321.2 The List of Groups and Classes shows all the existing Groups/Classes. Where appropriate, the main inclusions and exclusions which delimit the coverage of a particular Class, are shown immediately following the title for a Class. In addition, certain notes are given following some Group and Class titles which define or delimit the coverage of the particular Group or Class. For many Classes, the phrase "and components" is shown as a part of the Class title, indicating that assemblies, sub-assemblies and component parts which are specially designed for the items in the Class are to be included. In those instances where the phrase "and components" does not appear as a part of the Class title, the inclusion of assemblies, sub-assemblies and component parts specially designed for the end items in the Class is to be understood unless otherwise provided for in the classification structure.

321.3 The NATO Supply Classification System is published nationally in one document called :

Cataloguing Handbook H2 - Supply Classification - Groups and Classes

321.4 English and French are obligatory languages for the NMCRL and the Multilingual ACodP-2 product. For the Multilingual ACodP-2, the official English text will be provided by the US NCB and the official French text will be provided by the French NCB.

321.5 Refer to CodSP-75 tables describing the maintenance process of the multilingual ACodP-2.

321.6 The multilingual ACodP-2/3 web-based application is accessible at the following URL: https://eportal.nspa.nato.int/ac135public/

Sub-Section 322 - Relationship between H2 and H6

322.1 Without a suitable Index to serve as a guide for the assignment of items to Classes, some users may reach conflicting conclusions as to the classification of identical items. To eliminate such inconsistency, the Item Name Directory, H6, contains for each Item Approved Name – INC, the Supply Class(es) in which an item should be placed..

Section 330 - Maintenance of the NATO Supply Classification System

Sub-Section 331 - Revision to NATO Supply Groups/Classes/Item Names

331.1 **General**

Maintenance of the NATO Supply Classification System is divided into two categories:

(a) Revisions to NATO Supply Groups and Classes (NSGs/NSCs))

(b) Revisions to Approved Item Names (AINs)

331.2 **Revisions to NSGs and NSCs**

331.2.1 Revisions to the structure of the NSC will be accomplished by using NATO Form AC/135-No 28A following the rules stipulated in Sub-Section 253.

331.2.2 Maintenance of the structure is vested in the United States which has the right of decision on all matters pertaining thereto.

331.2.3 Revisions to the present Groups and/or Classes include:

(a) The establishment of a new Group or Class;

(b) The deletion of an existing Group or Class;

(c) The revision to the delimitations of an existing Group or Class, which results in a broader or narrower scope;

(d) The revision in a principle or rule for classification.

331.3 **Revisions to the AINs**

331.3.1 Revisions to the AINs will be accomplished by using NATO Form AC/135-No 28A.

331.3.2 Revisions to the AINs are those changes which affect the individual classification of specific items of supply. Such revisions are generally caused by a change in item name, its definition or concept.

Section 340 – NCS linkage with other Classification Systems

Sub-Section 341 – Linking principles

341.1 General

Logisticians from Defence forces use to a great extent NCS data in different steps of the supply and maintenance chain. Nevertheless, at some points, they have also to use data from other classification systems developed in non-Defence areas.

When the usage of data from other classification systems becomes a common need in several nations, AC/135 tries to establish linking mechanisms allowing to a maximum extent an automatic mapping between NCS data and data of the other Classification System in question.

The results of such linking mechanisms are in principle integrated in the NMCRL-WEB publication.

341.2 Common Procurement Vocabulary – CPV Codes (DRN 9569)

341.2.1 The Common Procurement Vocabulary (CPV) – DRN 9569 has been developed by the European Union for public procurement. CPV codes are a standardised vocabulary to describe procurement notices to help procurement authorities to classify procurements consistently, and to help service and product suppliers find procurements of interest.

341.2.2 Web link: http://simap.ted.europa.eu/web/simap/cpv

341.2.3 The mapping between NCS and CPV directly is done from the Item Name Codes (INC) to the Common Procurement Vocabulary Codes (CPV). The creation and revisions of the links are developed during the following processes:

(a) International Collaboration for IIG Maintenance and NATO Supply Class Changes (see Sub-Section 253);

(b) The Panel A monitors the evolution of the existing links and tasks nations for revisions when needed.

341.2.4 The table with all active links is published in NABS.

341.3 Custom Codes

341.3.1 At the international level, a Classification System called **Harmonized System (HS)** has been developed, and on the basis of this system the US have developed the **Schedule B** Numbers.

341.3.2 **The Harmonized System (HS) Classification (DRN 9571)** is a 6-digit standardized numerical method of classifying traded products developed and maintained by the World Customs Organization (see www.wcoomd.org). HS numbers are used by customs authorities around the world to identify products for the application of duties and taxes. Additional digits are added to the HS number by some governments (like U.S.) to further distinguish products in certain categories.

341.3.3 **Schedule B number (DRN 0435) :** In the United States, numbers used to classify exported products are called “Schedule B” numbers. The U.S. Census Bureau administers the Schedule B system; web link: www.census.gov/foreign-trade/schedules/b/. Schedule B numbers, not HS numbers, must be provided on the Shippers’ Export Declaration (SED). The Census Bureau uses SEDs and Schedule B numbers to calculate U.S. export statistics.

341.3.4 **Difference between HS and Schedule B numbers** : The HS number is an internationally accepted code. The basic **HS code** contains **6-digits**, known as a subheading. The **Schedule B** is a **10-digit code** built upon the first 6 digits of the HS code. Additionally, the Schedule B code is a U.S.-specific coding system used by the U.S. Government to monitor U.S. exports.

341.3.5 **A linking mechanism** has been developed by the US-NCB for the Schedule B numbers. This linking system is based on a mapping with NSG/NSC data, INC and Segment V data of the NSNs or a direct link from a specific NSN to the Schedule B number. Once a Schedule B is elaborated, the 6 first digits of the Schedule B Number represent the international Custom Code.

341.3.6 **The maintenance** of the links (Schedule B Taxonomies) is done by the US-NCB. Every 3 months, the US-NCB transmits to NSPA the set of linking tables for integration into the NMCRL database.

NATO MANUAL ON CODIFICATION

ACodP-1

Chapter IV - INTERNATIONAL OPERATIONS

July 2019

CHAPTER IV - INTERNATIONAL OPERATIONS

Preface

This Chapter describes all operations used in the framework of the international exchange of codification data, such as:

- the necessary operations, rules and procedures in order to:
  - request and obtain codification services;
  - obtain and assure the maintenance of codification data;
  - permit the presentation and exchange of data by ADP.
- the rules describing the necessary steps upon receipt of rejects by ADP means or by means of the appropriate documents.

The instructions contained in this chapter are mandatory for use by all countries participating in the NATO Codification System (NCS) and the NATO Support and Procurement Agency (NSPA).

Section 410 - Basic Policy

Sub-Section 411 - Procedural details and common rules

411.1 Procedural details and common rules are to be used internationally for:

- requesting and assigning NATO Stock Numbers, including the related coding transactions;
- cancellation or modification of NATO Stock Numbers, including the related coding transactions;
    - registration, storage, and output of item identification data;
    - registration, storage, and output of management data;
    - registration, storage, and output of standardization data;
    - exchange of codification, management, and standardization data;
    - application of special procedures.
- provision of data for the NATO Master Catalogue of References for Logistics (NMCRL).

411.2 The operating procedure for processing international transactions, as set forth in this chapter, apply to all National Codification Bureaux and NSPA participating in the NATO Codification System - NCS -.

Sub-Section 412 - Submittal of requests and their replies

412.1 Requests for Codification Services, and their replies, are to be generated in ADP format using the standard formats described in Sub-Sections 532 (Inputs) and 533 (Outputs) and submitted by agreed means. Normal means are:

- by inter-transfer using the NATO Mailbox System (NMBS) located at NSPA in accordance with AC/135 CodSP-23 “Communication Routing Identifier”. For details see Sub-Section 493.

- by agreed upon electronic media (email, ftp, CD/DVD, …) For details see CodSP-25 “Media for Data Exchange other than NMBS”.

412.2 When requests, or their replies, are submitted by electronic data carrier then the submitting NCB/NSPA is to:

- dispatch a copy of NATO Form AC/135-No 26 to the receiving destination with the electronic support.

Sub-Section 413 - Suspense files

413.1 All requests for codification services (see Sub-Section 421) should be registered in the appropriate suspense file concerning submittals:

- received from other NCBs or NSPA;
- received from own national activities and forwarded to other NCBs/NSPA.

413.2 The organization and content of the suspense file are left to the discretion of each NCB/NSPA providing that the aims and retention periods defined below can be achieved.

413.3 The purpose of the suspense file is to:

- follow the progress of submittals;
- correct the ascertained errors;
- ensure that responses or updating data are passed to the submitting national activities;
- permit reporting of unprocessed LSA requests (see Sub-Section 461);
- permit follow-up (LFN) processing (see Section 450).

413.4 Storage and retrieval of data

The suspense file shall provide for:

- interrogation by Document Control Number (DCN);
- determination of the length of time the transaction has been resident in the suspense file;
- output of K27 data;
- output of TIR data - when available - by direct access to the Total Item Record or by creating internal LTI transactions.

413.5 Retention of data

- An LSA transaction will be stored for a minimum of 360 days;
- other maintenance transactions will be stored for a minimum of 180 days.

To permit interrogation to take place the transactions are to be stored for the minimum periods after the reply has been sent for incoming L-DICs or received for outgoing L-DICs.

413.6 Updating of the suspense file

The updating of the suspense file takes place either on the basis of ADP transactions, including KFN transactions with reply codes of 'NA' and 'ND' (see Sub-Section 553, Table 26), or by means of DIC K27. In the latter cases, it concerns answers to LSA requests containing data which is missing, not suitable for ADP or item identification and cannot be corrected by the codifying NCB as well as corrections made by the codifying NCB to the submitted NCAGE Code or Reference Number (see Sub-Sections 434 and 436).

Sub-Section 414 - Association of Transactions

414.1 Association of input transactions

414.1.1 A segment or package of data segments constituting an input transaction will be identified by the appropriate Input DIC.

414.1.2 A Document Control Number -DCN- (DRN 1015) must be allocated to each input transaction. To allow follow-up actions and clearance of the suspense file of the submitting country or NSPA, the DCN shall not be changed during processing.

414.1.3 The grouping input transactions under a single DCN is acceptable only for input DIC LMD if the actions requested concern the same NATO Stock Number.

414.1.4 Submissions in respect of different item identifications having or likely to receive, different NATO Stock Numbers must be given different Document Control Numbers.

414.2 Association of output transactions

414.2.1 Results obtained in response to codification requests will be furnished by way of data output, each output transaction being identified by its appropriate output DIC. Type and volume of the data output are governed by the input DIC of the related input transaction (Sub-Sections 522 and 524).

414.2.2 The necessary association between the output and the related input transaction will be assured by the Document Control Number.

414.2.3 Erroneous input transactions will be rejected, using the corresponding output DICs. The error involved will be identified by the applicable Return Code (Sub-Section 553, Table 02).

Sub-Section 415 - NMCRL Publication

415.1 The NATO Master Catalogue of References for Logistics (NMCRL) is the basic tool designed to determine whether an item of supply is already codified within NATO and to retrieve related Identification -, Reference - and NCAGE data.

415.2 Inclusion of data

As a tool for screening it is important that the NMCRL contains as much codification data as possible providing that this data follows the codification rules stipulated in ACodP-1. All NATO and Tier 2 countries are entitled to have their codification data included in the NMCRL.

Tier 1 countries can have their codification data included in the NMCRL provided they can produce these data as detailed in ACodP-1 and follow the same rules as the NATO and Tier 2 countries for provision of the data. A Tier 1 country must request incorporation of their data from NSPA. NSPA and the Tier 1 country will determine the necessary parameters required in CodSP-73.

Data originating from Tier 1 countries will be clearly marked in the NMCRL through a colour code or another appropriate method.

415.3 Control of data

All NATO and Tier 2 countries whose systems have been accepted for data exchange in NCS will automatically have their codification data included in the NMCRL without further check.

The systems of Tier 1 countries have not been approved for data exchange in NCS and NSPA will therefore check the data for conformity before submitting them for inclusion. In addition to normal edit checks, NSPA will screen incoming Tier 1 data to make sure they conform to the following rules :

- Segment A data will include the Tier 1 assigned NSN's with corresponding INC and AIN. The Tier 1 originator will be implicitly marked through the NCB code in the NSN.

- Segment B data will include the Tier 1 assigned NSN's with corresponding MOE rules. The Tier 1 originator will be implicitly marked through the NCB code in the NSN. The MOE rules can only refer to other tier 1 countries since NATO and Tier 2 countries will not register themselves as users of items codified by a Tier 1 country.

- Segment C data will include the Tier 1 assigned NSN's with associated references The Tier 1 originator will be implicitly marked through the NCB code in the NSN. References can be a mixture of Tier 1 cage data, NCAGE and SCAGE data.

- Segment K data will include the Tier 1 assigned NSN's with corresponding item identification status/cancellation data. The Tier 1 originator will be implicitly marked through the NCB code in the NSN.

- Segment 8 data will include the Tier 1 assigned national cage codes with associated cage data. The Tier 1 originator will be implicitly marked through the use of the NCAGE prefix/suffix as detailed in CodSP-3.

415.4 Provision of data

Each NCB is responsible to provide the following data of its national inventory to NSPA:

- in KFF-format:
  - Segments A, B, C and V if available for active NSNs (NIIN SC 0) or;
  - Segments A, C and V if available for inactive NSNs (NIIN SC 6) or;
  - Segments A, B, C, K and V if available for cancelled NSNs temporarily maintained in the TIR (NIIN SC 9) or;
  - Segment K for cancelled NSNs (NIIN SC 3, 4, 5, 7 or 8).
- Segment 8 in KHN-format.

NSPA is responsible to provide:

- Segment 8 in KHN-format for all I and S coded NCAGEs.

The technical requirements for provision of these data are described in CodSP-73.

415.5 NMCRL-OFFLINE and NMCRL-WEB Production

The NMCRL database maintained at NSPA is updated on a daily basis. The NMCRL-WEB platform is updated daily and the NMCRL-OFFLINE is published every 2 months. The working procedure for the production, publication and maintenance of the NMCRL is explained in CodSP-73.

415.6 NMCRL Raw-Data

In order to allow the automatic screening in the national codification systems, NCBs, military services and governmental organizations authorized by NCB of AC/135 member nations may subscribe to the NMCRL Raw-Data. Subscribers of NMCRL Raw-Data are listed in CodSP-73F.

NMCRL Raw-Data (in text file format) are published 6 times per year as a Full File via NSPA *e*-Portal download and weekly as Differential Files via NMBS. NSN data files are recorded according to the format described in Sub-Section 539 and NCAGE data are consolidated in a single KHN file (see KHN format in Sub-Section 533).

415.7 NMCRL Web Services

In order to allow automatic screening by different software tools of private and governmental entities, those may subscribe to the NMCRL Web Services. NMCRL Web Services application provides searching methods for NSN or NCAGE information coming from NMCRL database, using a standardized XML transaction exchange.

NMCRL Web Services expose 4 methods:

- NSN and Reference Data provided for a NIIN (*SearchForNiin*)
  - this method provides Segments A, B, C, K and 8
- NSN and Reference Data provided for a Part Number (*SearchForPartNumber*)
  - this method provides Segments A, B, C, K and 8
- NSN and Reference Data provided for a Part Number and a NCAGE Code (*SearchForPartNumber_CageCode*)
  - this method provides Segments A, B, C, K and 8
- NCAGE Data provided for a NCAGE Code (*SearchCageData*)
  - this method provides Segment 8, only

415.8 Publication of Item Images

A separate application related to the publication of item images is available after signing in to the NMCRL-WEB and is accessed by clicking on the tab labelled “IMAGE MANAGEMENT”. A complete set of procedures related to image uploading and management can be found by clicking on the Help Files tab within any NMCRL-WEB application and scrolling down to Section EN-08.

Section 420 - Requests for Codification, Interrogations and Screening

Sub-Section 421 - General

421.1 Codification services which may be requested from another country are defined by the following input transactions which are identified by Document Identifier Codes - DIC - (DRN 3920) (see also Section 520).

The capability of nations to send and receive NADEX transactions are listed in table CodSP-21B.

Service Requested	DIC
Codification and Registration of User	LSA
Interrogation by NATO Item Identification Number (NIIN)	LTI
User Registration (add MOE Rule Number)	LAU
Withdrawal of User Registration (delete MOE Rule Number)	LDU
Add Reference and Related Codes	LAR
Delete Reference and Related Codes	LDR
Change of Reference Related Codes	LCR
Multiple DIC Input	LMD
Follow-up Interrogation	LFN
Other requests are possible on the basis of bilateral agreements.	

Sub-Section 422 - Categories of requests

422.1 Two categories of requests are to be considered:

- **LSA requests** which request both codification on the basis of reference(s), and registration of the submitter as a user of the corresponding item identification;

- **LTI, LAU, LDU, LAR, LDR, LCR, LMD and LFN requests** which as a rule are machine processed. These are requests which interrogate or change existing data. They require no special request form.

Sub-Section 423 - Interrogation by NATO Item Identification Number -LTI-

423.1 This input transaction shall be used to request complete or selected file data related to a NATO Item Identification Number - NIIN -. The volume of required output data will be indicated by the appropriate Output Data Request Code - ODRC -. Details on related codes are given in Sub-Section 553, Table 03.

423.2 The consultation of the TIR permits to respond completely to the request.

423.3. This input transaction can also be used to request the file data related to a NATO Item Identification Number - NIIN - in order to update an existing item identification or to add a missing item identification to the TIR.

In these cases, the DIC "LTI" will be especially marked by the requesting country. The marking should be made in a way that has no effect on the international data exchange, but at the same time allows identification of the reply (for example within the DCN).

423.4. For all possible ADP output see Sub-Sections 523 and 533.

Section 430 - Requests for New Codification Items of Supply

Sub-Section 431 - Initial Exchange of Information

431.1 General

431.1.1 The objective of this procedure is to coordinate the planning and programming of codification operations for items of supply and larger than normal volumes of items of production being procured from a design control authority in another country.

431.1.2 The NCB of the procuring country or NSPA will notify the NCB of the producing country as soon as possible of potential codification requests for equipment and related items of production when the total number of items exceeds the amount pre-defined by the NCB of the producing country (see CodSP-71). When the design control authorities for the items of production are sub-contractors from different countries and the items are acquired by a main contractor, the NCB of the procuring country or NSPA should notify separately each NCB of a producing country where one or several sub-contractor(s) is (are) located. CodSP-71 should be referenced to determine which NCBs require notification.

431.1.3 The producing country will review the notification information from the NCB of the procuring country or NSPA and respond with the planning of the work related to these requests.

431.1.4 For this purpose, NATO Form AC/135-No 1 "Initial Exchange of Information" will be used.

431.1.5 The use of NATO Form AC/135-No 1 "Initial Exchange of Information" is necessary to specify that the codification will be carried out in the framework of the export contract method (see Sub-Section 437) and obligatory when the number of items to be codified exceeds the predefined national maximum number laid out in CodSP-71. The maximum relates to the total number of items in a single project. Data purification and other maintenance activities are to be considered as "projects", and also require the use of NATO Form AC/135-No 1 if the number of transactions generated exceeds the national maximum.

431.2 NATO Form AC/135-No 1, Part A, B and C "INITIAL EXCHANGE OF INFORMATION"

431.2.1 The NATO Form AC/135-No 1, Part A is used to notify the NCB of the producing country of potential cataloguing requests exceeding the national maximum identified in CodSP-71. It should precede any codification transactions to allow for complete planning of the codification work by the producing country's NCB.

431.2.2 The NCB of the producing country needs to respond to the NCB in the procuring country with the NATO Form AC/135-No 1, Part B and C within 30 calendar days to allow the initiator to be made aware of the ability of the producing country's NCB to meet the initiator's timescales (see also Sub-Section 435). Where information cannot be filled in for all blocks in Part B and C, information available at the time should be given and the remainder provided as soon as possible.

431.2.3 Instructions for the completion of NATO Form AC/135-No 1, Part A, B and C

Part A

This section is to be completed by the inquiring NCB or NSPA.

Block	Instructions
1	Insert your "3-letter" Country Code according to ISO 3166-1 and as listed in CodSP-3. (see Note*)
2	Insert your reference and date for control purposes.
3	Insert the "3-letter" Country Code of the producing country according to ISO 3166-1 and as listed in CodSP-3. (see Note*)
4	Control number consisting of MOE Code, the current Julian date, and serial number (e.g. ZG0003101); Revision number in case it is a second or later issue (e.g. ZG000310101).
5	State the security classification of the information, if required e.g. Unclassified.
6	Insert the allocated NATO Codification Project Code, where applicable (see Sub-Section 438.3).
7	Describe the end item for which codification can be required as clearly as possible. This information will absolutely be provided even if the main contractor is not located in the country receiving the NATO Form AC/135-No 1 If the nomenclature of the producing country is unknown, the nomenclature which is used in the contract should be indicated. The Approved Item Name as stated in the United States Directory H6 and/or the appropriate Item Name Code should also be given in order to allow a comparison for other countries which might be interested in the equipment.
7A	Insert the name, NCAGE code and full address of the contractor.
7B	State the contract number, if available.
7C	Indicate whether the contract includes, or will include, the Codification Contract Clause. When the Codification Contract Clause specifies the export contract method described in Sub-Section 437, checkmark the "direct codification" box.
8	Describe the major component(s) of the end item for which codification will be required as clearly as possible. Declare the type and/or model number.
8A	Insert the name and NCAGE code or full address of the sub-contractor / manufacturer.
8B	State the sub-contract number, if available.

* Note: NSPA having no NATO code, will be referred to as "NSPA"

Block	Instructions
8C	Indicate whether the sub-contract includes, or will include, the Codification Contract Clause. When the Codification Contract Clause specifies the export contract method described in Sub-Section 437, checkmark the "direct codification" box.
9	State countries or agencies interested in this equipment, if known.
10A	State the approximate number of items to be codified (as estimated by the initiator).
10B	Checkmark the appropriate box to show if the figure at block 10A is rough or after screening.
10C	Place the date at which your country intends to commence forwarding the codification request to the producing country. (Not applicable, if the codification process will be carried out in the framework of the export contract method described in Sub-Section 437).
10D	Determine a date for the completion of the codification, if so desired (see also Sub-Section 435).
10E	State the dates of delivery for the equipment and for the supporting spare parts.
11	Signature of the official responsible for the completion of the report.

Part B

This section has to be completed by the National Codification Bureau of the producing country.

Block	Instructions
1	Insert your "3-letter" Country Code according to ISO 3166-1 and as listed in CodSP-3. (see Note*)
2	Insert your reference and date for control purposes.
3	Insert the "3-letter" Country Code of the country that initiated the form according to ISO 3166-1 and as listed in CodSP-3. (see Note*)
4	Indicate the control number of the requesting NCB or NSPA (the same entries as used in part A – mandatory entry).
5	State the security classification of the information, if required e.g. Unclassified.
6	Insert the allocated NATO Codification Project Code, where applicable (see Sub-Section 438.3).
7A	State countries or agencies using this equipment, if known.

* Note: NSPA having no NATO code, will be referred to as "NSPA"

Block	Instructions
7B	Declare if the equipment is in use in your country. Additional information (such as other type or model used) should be given in PART C).
8A	Checkmark the appropriate box.
8B	State the allotted time that will be taken into account on receiving the codification requests. Timeframes related to accelerated and routine procedures are those at Sub-Section 435, sub-paragraph 435.2.4.
8C	State if your NCB 1. has sufficient resources to accommodate codification requests only once; 2. requires that requests be transmitted over a well-balanced X month-period; 3. accepts codification by “Export Contract” method (direct codification without LSA).
8D	State the desired date for the reception of the first requests if the date mentioned at block 10C, part A cannot be taken into account. NOTE : if the information provided at blocks 8B through 8D are not compatible with the wishes at part A (10C and 10D) if required give additional information at part C.
9	Insert the Signature of the responsible official at the producing country's NCB.

Part C

Block	Instructions
1	This part may be used by either party to give additional information or details. It must however be clearly stated who is giving this additional information. In particular, information concerning codification of a model or type that deviates slightly from the equipment in question should be given. Where possible indicate the range of commonality.

NATO CODIFICATION SYSTEM - SYSTÈME OTAN DE CODIFICATION

INITIAL EXCHANGE OF INFORMATION CONCERNING THE CODIFICATION OF AN EQUIPMENT PROCURED IN ANOTHER COUNTRY / ÉCHANGE INITIAL DE RENSEIGNEMENTS CONCERNANT LA CODIFICATION D'UN MATÉRIEL ACQUIS DANS UN AUTRE PAYS

PART A **PARTIE A**

1 FROM / DE	2 REFERENCE / RÉFÉRENCE , DATE	3 TO / POUR

4 CONTROL NUMBER / NUMÉRO DE CONTRÔLE

MOE CODE / CODE ORG		JULIAN DATE / DATE JULIENNE					SERIAL No. / N° SÉRIE		REVISION No. / N° DE RÉVISION	

5 CLASSIFICATION / DEGRÉ DE SÉCURITÉ	6 NATO CODIFICATION PROJECT CODE / CODE PROJET DE CODIFICATION OTAN

7 EQUIPMENT/ SYSTEM (NOMENCLATURE IN THE LANGUAGE OF THE PRODUCING COUNTRY AND U.S. H6 LANGUAGE) / MATÉRIEL / SYSTEME (DÉSIGNATION DANS LA LANGUE DU PAYS PRODUCTEUR ET DANS LA TERMINOLOGIE H6 DES ÉTATS-UNIS)

7A CONTRACTOR (NAME, NCAGE CODE, ADDRESS AND COUNTRY) CONTRACTANT (NOM, CODE NCAGE, ADRESSE ET PAYS)	7B CONTRACT No / CONTRAT N°
	7C CODIFICATION CLAUSE INCLUDED / CLAUSE DE CODIFICATION INCLUSE ☐ YES /OUI — DIRECT CODIFICATION / CODIFICATION DIRECTE ☐ YES /OUI — INDIRECT CODIFICATION / CODIFICATION INDIRECTE ☐ NO / NON

8 MAJOR COMPONANT/SUB-ASSEMBLY (NOMENCLATURE, TYPE AND/OR MODEL No.) / COMPOSANT PRINCIPAL/SOUS-ENSEMBLE (DÉSIGNATION, N° DU TYPE ET/OU DU MODÈLE)

8A SUB-CONTRACTOR(S) (NAME AND NCAGE CODE/ADDRESS) / SOUS-TRAITANT(S) (NOM ET CODE/ADRESSE NCAGE)	8B SUB-CONTRACT(S) No / CONTRAT(S) EN SOUS-TRAITANCE N°
	8C CODIFICATION CLAUSE INCLUDED / CLAUSE DE CODIFICATION INCLUSE ☐ YES /OUI — DIRECT CODIFICATION / CODIFICATION DIRECTE ☐ YES /OUI — INDIRECT CODIFICATION / CODIFICATION INDIRECTE ☐ NO / NON

9 OTHER COUNTRIES OR AGENCIES INTERESTED / AUTRES PAYS OU ORGANISMES INTÉRESSÉS

10A APPROXIMATE NUMBER OF ITEMS TO BE CODIFIED / NOMBRE APPROXIMATIF D'ARTICLES À CODIFIER	10B PROVISIONING SCREENING / CRIBLAGE PRÉLIMINAIRE ☐ YES / OUI ☐ NO / NON
10C DATE TRANSACTIONS WILL BE FORWARDED / DATE D'ENVOI DES OPÉRATIONS	10D DATE CODIFICATION IS DESIRED/ DATE DE CODIFICATION DÉSIRÉE
10E DATE OF DELIVERY / DATE DE LIVRAISON • EQUIPMENT / MATÉRIEL • SPARE PARTS / RECHANGES	11 SIGNATURE

NATO FORM AC/135-No 1A (13.01) FORMULAIRE OTAN AC/135-N° 1A

NATO CODIFICATION SYSTEM - SYSTÈME OTAN DE CODIFICATION

INITIAL EXCHANGE OF INFORMATION CONCERNING THE CODIFICATION OF AN EQUIPMENT PROCURED IN ANOTHER COUNTRY /
ÉCHANGE INITIAL DE RENSEIGNEMENTS CONCERNANT LA CODIFICATION D'UN MATÉRIEL ACQUIS DANS UN AUTRE PAYS

PART B **PARTIE B**

1 FROM / DE	2 REFERENCE / RÉFÉRENCE , DATE	3 TO / POUR

4 CONTROL NUMBER / NUMÉRO DE CONTRÔLE

MOE CODE / CODE ORG		JULIAN DATE / DATE JULIENNE					SERIAL No. / N° SÉRIE		REVISION No. / N° DE RÉVISION	

5 CLASSIFICATION / DEGRÉ DE SÉCURITÉ

6 NATO CODIFICATION PROJECT CODE / CODE PROJET DE CODIFICATION OTAN

7A EQUIPMENT USED BY THE FOLLOWING OTHER COUNTRIES OR AGENCIES / MATÉRIEL UTILISÉ PAR LES AUTRES PAYS OU ORGANISMES CI-APRÈS

7B EQUIPMENT USED BY PRODUCING COUNTRY / MATÉRIEL UTILISÉ PAR PAYS PRODUCTEUR

☐ YES / OUI ☐ NO / NON

8A EQUIPMENT / LE MATÉRIEL

☐ IS CODIFIED / EST CODIFIÉ

☐ WILL BE CODIFIED FOR OWN USE / SERA CODIFIÉ POUR PROPRE USAGE

☐ WILL NOT BE CODIFIED FOR OWN USAGE / NE SERA PAS CODIFIÉ POUR PROPRE USAGE

8B ALLOTED TIME TO PROCESS REQUESTS / DÉLAI DE TRAITEMENT DES DEMANDES

☐ ACCELERATED PROCEDURE / PROCÉDURE ACCÉLÉRÉE

☐ ROUTINE PROCEDURE / PROCÉDURE DE ROUTINE

☐ ☐ MONTHS / MOIS

8C TRANSMISSION OF CODIFICATION REQUESTS BY / TRANSMISSION DES DEMANDES DE CODIFICATION PAR

☐ DIRECT CODIFICATION METHOD ACCEPTED / MÉTHODE PAR CODIFICATION DIRECTE ACCEPTÉE

☐ UNIQUE SHIPMENT ACCEPTED / ENVOI UNIQUE ACCEPTÉ

☐ MULTIPLE SHIPMENTS OVER / ENVOIS MULTIPLES RÉPARTIS SUR ☐ MONTHS / MOIS

8D FIRST REQUEST SHIPMENT DATE/ DATE D'ENVOI DES PREMIÈRES DEMANDES /

9 SIGNATURE

PART C **PARTIE C**

1 ADDITIONAL INFORMATION / RENSEIGNEMENTS COMPLÉMENTAIRES

NATO FORM AC/135-No 1B/C **(13.01)** **FORMULAIRE OTAN AC/135-N° 1B/C**

Sub-Section 432 – Screening of LSA requests

432.1 General

Within the scope of the international exchange of NATO codification data, reference screening against national Total Item Records - TIR - is required for :

LSA : An NSN with full file data is needed to enter an item of supply in the national TIR, including user registration to keep this information up-to-date.

432.2 Structure and Formatting

432.2.1 For screening actions, structure and formatting of all submitted reference numbers must be in conformity with the rules "NATO Formatting of Reference Numbers" defined in ANNEX A.

432.3 Processing

432.3.1 When processing LSA transactions, each NCB will screen input references against its TIR.

NOTE :

If, upon processing an LSA transaction non-national references after conversion are found to provide an exact match on the identification of another NATO or Tier 2 sponsored country which is already stored in the national TIR, the processing NCB may forward a listing of its screening results (DICs KSR, KMR) to the NCB of the related NSN.

In such cases, Segment J (DIC KMR) will show the reference number(s) in the format as originally submitted.

The above-mentioned listing is entitled "List of References with Exact Match After Conversion".

It serves as information to the recipient NCB so that appropriate action can be taken there.

432.3.2 Automatic screening by Item Name Code (INC) and Part Number against NMCRL shall be programmed into nations' NCS software application tools as part of LSA screening to help ensure that duplicate NSNs are not assigned to different subsidiaries of the same corporation.

Sub-Section 433 - Processing of an LSA transaction

433.1 General

433.1.1 This input transaction shall be applied to :

- request the codification of an item identified
  - by a reference number or group of reference numbers and related manufacturer's code(s);
  - where possible, by physical or performance characteristics data (Segment V/M);
- register the submitter as a user of the corresponding item identification.

433.2 Exact match

433.2.1 There are two required conditions for an exact match between the submitted reference number(s) and related manufacturer's code(s) and an item identification of the TIR, namely:

a. all the references (maximum 3) submitted under one DCN must be present in the TIR with only one NSN. There may, however, be additional references in the TIR for that item identification;

> **Note**: The option to allow additional references is a matter of national discretion.

b. at least one reference existing in the TIR for that NSN, should be accompanied with the following related codes:
   - RNCC (DRN 2910) : 2 or 3;
   - RNVC (DRN 4780) : 2;
   - RNJC (DRN 2750) : Blank.

433.2.2 In addition an exact match can occur when the submitted NCAGE Code has been superseded and the match conditions given above are fulfilled when screening is carried out using the superseding NCAGE Code.

433.2.3 When the exact match conditions are fulfilled, the given output data will be provided as follows:

a. If the NSN has been assigned by the destination NCB, the submitter will be registered as a user of the corresponding item identification/NSN and will receive the complete item identification data (KAT) as if a user registration transaction LAU had been submitted. All the other users of the NSN will receive a notification of registration as user (KAU), for updating of their national TIR;

b. If the NSN has been assigned by another NCB (NCB Code is different from that of its own NCB) no user registration action will be taken but a return notification DIC KRE with Return Code AU will be furnished. The submitting NCB is thereby advised to initiate a request for file data (LTI) or user registration (LAU) directly to the responsible NCB.

433.3 Potential match

The search on the TIR can result in a potential match. This situation exists when one of the submitted references (maximum 3) exists in the TIR but the conditions listed in sub-paragraphs 433.2.1 and 433.2.2 are not fulfilled or the combination of INC / Part Number is recorded on one or more NSNs. The codifying NCB can :

- either choose to process potential matches in house and output complete item identification data (KAT). All the other users of the NSN will receive a notification of registration as user (KAU), for updating of their national TIR
- or send the potential match results (KSR, KMR, KMP) to the submitting country when LSA inputs do not show any RNJC.

Potential match results (KSR, KMR, KMP) associated with LSAs showing RNJC will necessarily be retained by the codifying NCB for appropriate action.

433.4 Match through association

This situation exists when at least one part number submitted in the LSA request matches a part number on the TIR of an existing NSN, but the NCAGE codes are different. To justify further investigation, the recorded NCAGE codes must be associated or related to each other.

Example of association:

- LSA: NCAGE ABCDE / Part Number 123 = ACME Enterprises International Div.
- NSN: NCAGE FGHIJ / Part Number 123 = ACME Enterprises INC.

The processing NCB shall attempt to contact the NCAGE identified in the LSA:

1. If the NCAGE confirms the part number in the LSA is the same as the part number on the existing NSN, the processing NCB shall ask the NCAGE to identify which of the NCAGE codes is correct for use with the part number.
   - If the NCAGE code on the existing NSN is correct, the processing NCB shall process the appropriate K27 response/s (see paragraph 436.4), and if required, shall process an LAU using the DCN recorded on the LSA.
   - If the NCAGE code on the LSA is correct, the processing NCB shall submit the appropriate K27 response/s (see paragraph 436.4) as well as the appropriate maintenance action on the existing NSN. The processing NCB shall use the DCN recorded on the LSA when submitting the maintenance action.
2. If the manufacturer does not, or will not confirm a match, to include no response, the LSA request shall be processed as originally requested under the DCN recorded on the LSA.

The submitting NCB or NSPA will receive KAT and/or KAR data while the other users will receive KAU and/or KAR data. See sub-paragraph 433.2.2 for superseded NCAGE Codes

433.5 No match

The TIR of the destination NCB contains none of the references submitted under the same DCN (KNR). A manual handling is necessary in order to initiate a new item identification.

Sub-Section 434 - Codification and Registration of a User -LSA-

434.1 General

A country or NSPA wishing to obtain services concerning the codification of items of supply from another country will request these services in accordance with the rules described below.

434.2 LSA requests

434.2.1 The processing of LSA requests will normally include user registration of the submitting country or NSPA to assure updating of the output data.

434.2.2 Requests for Codification and Registration of User shall be submitted together with a properly completed NATO Form AC/135-No 7 or by sending a covering transaction L07 (see Sub-Section 522) together within the same shipment or telecom message.

434.2.3 The information provided by the NCB/NSPA submitting the request using NATO Form AC/135-No 7 or L07 transaction must enable the codifying NCB to carry out the services requested in the best possible manner and as rapidly as possible. All the requests concerning the same NATO Form AC/135-No 7 or L07 should include the same processing timeframe.

434.2.4 In order that LSA requests can be adequately processed, they must be accompanied by precise information which will enable the codifying NCB to carry out the following specific tasks:

- The checking and progression of all requests from the time of receipt until the response is dispatched to the submitting country;
- properly carrying out the actions involved in the identification process, using the appropriate method taking into account the type of equipment or family of items in question;
- enabling the identifying activity to obtain the technical data required to prepare new item identifications.

434.3 Grouping LSA requests

LSA requests may be grouped on the same NATO Form AC/135-No 7 or in the respective L07 transaction, but selection must be made in such a way as to avoid any ambiguity as to the activity or section to which the task of identification is to be entrusted: all requests covered by a single NATO Form AC/135-No 7 or L07 transaction must be able to be processed by one responsible activity or section.

The criteria to be borne in mind, therefore, are in order of priority: the same type of equipment or assembly (possibly related to a unique NATO Form AC/135-No 1), the same constructor or contractor, the same manufacturer, the same family of items or class, the same user and all the requests should include the same Priority Indicator Code -PIC- (DRN 2867).

No limit is set on the number of LSA requests that can be grouped on a single NATO Form AC/135-No 7 or in an L07 transaction, each under a separate Document Control Number - DCN - (DRN 1015) within the series indicated in block 040 of the form or within the lowest and highest DCN Sequence Numbers (DRN 2198 and 2199) indicated in the first record (A01) of the L07 transaction.

The statements, however, to be provided in blocks 090 - CONTRACT - and 110 ORIGIN OF REFERENCE NUMBER - must apply to all requests grouped on the same form or in the L07 transaction respectively. If grouping is not feasible a separate NATO Form AC/135-No 7 or a separate L07 transaction must be completed for each single LSA request.

When an LSA request has been separated from a given series it can retain the original Document Control Serial Number - DCSN - (DRN 1000). The Transaction Date (DRN 2310), however, must be changed to create a new DCN which will appear on the new NATO Form AC/135-No 7 or in the corresponding entry of the L07 transaction.

For each LSA request with RNJC 1 (DRN 2750), a separate L07 transaction/NATO Form AC/135-No 7 has to be prepared.

434.4 Responsibility of NCBs / NATO Agencies

434.4.1 The information to be given in blocks 080 to 110 of NATO Form AC/135-No 7 or in the corresponding entries of the L07 transaction provides vital information required by the codifying NCB. The requester must, therefore, complete these with the utmost care. To facilitate the control of codification work, block 060 must be filled in every time an LSA shipment is related to the codification of an equipment announced by a NATO Form AC135-No 1.

434.4.2 In accordance with STANAG 4177, and as a matter of principle, it is the responsibility of the NCB of the procuring Country/NSPA to insist that the procuring agencies include the Codification Contract Clause or an equivalent contractual instrument in every procurement of an equipment and its item of supply.

434.4.3 When the NCB of the procuring country/NSPA has access to the technical data of the items to be codified, it carries out a screening using NMCRL online to detect NSN's on the basis of the item characteristics data.

434.4.4 Before submitting an LSA request the responsible NCB or NSPA shall insist that the national services concerned provide all the information required to properly complete:

- NATO Form AC/135-No 7 or L07 transaction;
- both parts of the appropriate Segment 2 data for each LSA transaction (see Sub-Section 532 - LSA);
- where possible, a draft of item characteristics data (Segment M or V).

434.4.5 The submitting NCB/NSPA shall indicate on NATO Form AC/135-No 7 or in the respective L07 transaction whether or not the Codification Contract Clause or an equivalent contractual instrument (see sub-paragraph 434.4.2) was included in the related procurement contract. If there is no Codification Contract Clause or an equivalent contractual instrument included, the documentation required to enable the codifying NCB to complete the request is to be provided with the NATO Form AC/135-No 7 or L07 transaction and transmitted, preferably by email (see sub-paragraph 434.4.6), or by fax or mail.

The information in question must be sufficient to meet the LSA requests by at least a Type 2 Item Identification (see Section 260 - and sub-paragraph 434.2.4).

If - to the knowledge of the submitter - the required documentation is available to the codifying NCB, this fact is to be notified in block 100 of the requesting form or in the corresponding data field of the L07 transaction.

434.4.6 Wherever possible technical documents and data sent by the submitting NCB in support of an LSA request should be transmitted by email. This ensures that the information arrives at the processing NCB at about the same time as the NMBS transaction. Other methods such as fax or post are prone to delay.

The correct email address to be used for each NCB is specified in CodSP-4 Technical Contacts and is listed under “LSA Matters and Electronic Doc’s”.

The recommended file types are “DOC”, “XLS”, “PDF”, “JPG”, “BMP”, “TIF”, or “GIF”. Whenever practical, those types which have the smallest footprint, such as “PDF”, should be used.

The maximum allowable file size of a single email is five megabytes (5Mb). This accommodates the firewall restrictions of most nations. When it is necessary to send larger files, the submitting NCB must contact the processing NCB and mutually agree on a different procedure.

Where one exists, the Document Control Number of the relevant transaction is to be included in the subject line of the email. This allows to easy searching and matching of the supporting data with the affected LSA.

The sender of the email is responsible for ensuring that scanned images (especially drawings) are clear and that information in small print (such as dimensions) is legible.

434.4.7 It is a requirement of the codifying country to meet codification requests whenever technical data are available.

If there is no Codification Contract Clause or equivalent contractual instrument and the submitter cannot supply documentation, the codifying NCB is to ascertain whether the technical data can be obtained free of charge from the manufacturer or to request the manufacturer to confirm the validity of the submitted Item Name(s), Reference(s) and eventually item characteristics data to enable the production of at least a Type 2 Item Identification.

434.4.8 The codifying country shall attempt to obtain the bar code number or other product identification number compliant with EAN International or the Uniform Code Council (UCC) before writing an item identification. These numbers may be obtained from the manufacturer and are designated by Document Availability Code (DAC) U.

434.5 Difficulties in processing a codification request (LSA)

434.5.1 Whenever possible, LSA requests should not be returned in an unprocessed state.

Therefore:

a. the submitter shall
   - compile all data required with utmost care and submit a fully completed NATO Form AC/135-No 7 or DIC L07;
   - include in the request the appropriate NATO Supply Class and Item Name Code or the Non-approved Item Name in the language of the producing country or, if not possible, in English (see Sub-Section 532);

b. the codifying NCB should perform a manual review of the request if it is found to be unprocessable because of discrepancies in format or logical errors and/or inconsistencies such as lacking technical documentation (see sub-paragraphs 434.4.4 to 434.4.6).

434.5.2 The manual review of a codification request should be performed in the following manner:

- If the request reveals obvious errors which, based on the processor's experience and supported by the remaining data in the request, can be properly adjusted, the request should be corrected accordingly and resubmitted for machine processing. The submitter should be informed on the types of correction made, by using a DIC K27 with a 700 series code.

- Requests may only be returned in an unprocessed state, if meticulous reviews and studies have left no possible doubt as to the unsuitability of these requests for processing. In this case, the type of discrepancies noted should be reported to the submitter on DIC K27 by indicating the relevant reasons, for a possible resubmission of the request(s) involved.

- Lack of technical data shall not be considered adequate grounds for returning an LSA (see sub-paragraph 434.4.5), but instead the Type 2 Item Identification can be assigned (see sub-paragraph 434.4.7).

434.5.3 Any difficulty that cannot be solved by the codifying NCB could result in the request being rejected. In this event it will be the responsibility of the procurement or management services in the submitting NCB's country/NSPA to overcome the difficulties reported with the suppliers by initiating the necessary contractual arrangements.

When the NCAGE specified in the LSA request did not verify the Reference(s) data or did not respond to inquiries, either of the following applies:

- If the codifying NCB validates the reference number on the basis of a documentation (web site, flyer, brochure, etc.), it responds to the LSA request with at least a Type 2 Item Identification. DAC 9 and RNSC D should be assigned to indicate that the “Reference Number” has not been validated by the manufacturer and the procurement authority needs to determine if the manufacturer and reference number are (or are not) authorized for procurement.

- However, if the codifying NCB does not have any documentation to confirm the reference number, it will reject the LSA request with codes 606 and 801 under DIC K27.

A short summary (in English, if multiple languages are involved) of the correspondence exchanged with the NCAGE (i.e. dates and contents of correspondence) will be returned via e-mail to the LSA point of contact (submitting NCB) in CodSP-4 or online.

Based on these elements, the NCB of the procuring country must ask (again) the NCAGE to confirm the validity of the Item Name, Reference(s) data and, if possible, Item characteristics data necessary to identify the item of supply.

434.5.4 The LSA requests will however be returned without further action when:

- they are already contained in the suspense file under the same Document Control Number;

- they match an NSN assigned by another NATO or Tier 2 sponsored country;

- they are not suitable for processing or item identification and if the submitted data elements cannot be corrected by the recipient NCB;

- the receiving NCB cannot confirm the Reference Number and the Item Name of the item of supply to be codified in absence of Codification Contract Clause or equivalent contractual instrument which causes difficulties to have the required technical documentation available (see sub-paragraphs 434.4.5 and 434.4.6).

434.6 Substitution of items based on failure rate

A country may offer as a substitute for an item to be codified an existing NSN which has a lower failure rating.

"Lower failure rate" shall be defined as "rated to fail less frequently than an existing item". Items must be identical in form, fit, and function in every respect except failure rate to fall into this category. This concept encompasses electronic components such as resistors, capacitors, relays, and microcircuits where the failure rate is built into the reference number.

- In order to prevent an unacceptable delay in processing, the country offering the substitute shall send a facsimile message (or telecom if facsimile is not available) to the country which initiated the request, stating the proposed substitution. The message shall include TIR data with appropriate data segments of the NSN offered as a substitute, and may include supporting documentation not to exceed two pages.

- If the offered substitute is not acceptable, the country being offered the substitute shall reply within five business days. The reply shall state the reason the substitute is not acceptable. Otherwise, the country offering the substitute may assume concurrence and finish processing the LSA request via a K27.

- If a substitute based on the above is accepted by the country which submitted the LSA, the country assigning the NSN shall add the reference(s) submitted with the LSA to the substitute NSN as RNCC/RNVC 5-9.

- If a country requests assignment of an NSN to a military specification that is obsolete and that does not contain a failure rating in the specification number, and if that obsolete specification has been replaced by a specification that does contain failure ratings as part of the specification number, the receiving country shall assign the NSN to the replacement specification number that designates the lowest failure rating. The country assigning the NSN shall add the obsolete specification as an RNCC/RNVC 5-9 to the NSN.

434.7 Substitution of Military Specifications and Commercial Item Descriptions

In cases where a country submits an obsolete or inactive Military Specification (Mil Spec) or Commercial Item Description (CID) for codification on an LSA request, the processing country shall substitute the latest version of the Mil Spec or CID. The submitted reference number, if obsolete or inactive, shall be added to the new NSN with RNCC 5, RNVC 9 and RNSC B. The country processing the LSA shall inform the initiating country of the substitution through a K27 reply.

434.8 Notification of Receipt of LSA

Upon receipt of an LSA request, the destination country shall generate a DIC KRT to the initiator of the LSA, when the result of the automatic processing phase (screening) is no match.

For those countries who don’t carry out direct controls and screening actions upon receipt of the LSA’s, KRT transaction shall be generated in all cases, only as an indication of receipt of LSA.

Once LSA’s are validated and processed, appropriate K-transactions shall be generated and forwarded to the submitter.

434.8.1 If DIC KRT or appropriate K-transaction is not received by an LSA submitting country within 7 days, the LSA (including L07) transaction should be resubmitted, using the original DCN. The prerequisite for doing such a resubmittal after 7 days is linkage to the NATO Mailbox System (NMBS).

434.9 Procedure for Deletion of a Request

434.9.1 Deletion of requests is only required for LSA requests, as all other requests are actioned automatically and can be handled by replacing transactions.

434.9.2 Deletion of an LSA request is a manual operation to be done by email as soon as the submitting NCB/NSPA realizes that the request is no longer valid or can be deleted. The procedure may, for large number of deletions, be made by email with deletion list(s) attached.

434.9.3 Example of the format for deletion of a Codification Request via email

To: (Codifying NCB)

From: (Submitting NCB or NSPA)

Subject: Deletion of LSA request

References: A. L07 or NATO Form AC/135-No 7
Ref : ..... , date .....

B. DCN : .....

1. Processing of above-mentioned reference A no longer required.
2. Referenced DCN is to be deleted from your suspense file, if the request has not already been processed.

NOTE :	When the LSA requests have been sent together with a covering L07 transaction, the "Reference" section of the above message shall indicate the respective L07 DCN (DRN 1015) (e.g. "L07/05ZN88322KM3AAAA").

434.9.4 Requests deleted from the suspense file shall not be followed-up by the submitting NCB/NSPA.

434.9.5 If the codifying NCB has completed the initial request prior to receipt of the deletion request, no further action is taken by the codifying NCB on the request.

The submitting NCB/NSPA may be informed accordingly by email.

434.10 NATO Form AC/135-No 7 "REQUEST FOR CODIFICATION AND REGISTRATION OF A USER"

434.10.1 Instructions for the completion of NATO Form AC/135-No 7

Block	Instructions	Man-datory
010	Insert your "3-letter" Country Code according to ISO 3166-1 and as listed in CodSP-3. (see Note*)	YES
020	Insert the reference and date of the submitting NCB or NSPA for control purposes.	YES
030	Insert the "3-letter" Country Code of the receiving NCB according to ISO 3166-1 and as listed in CodSP-3. (see Note*)	YES
040	Enter the lowest and highest Document Control Number.	YES
050	Enter the total quantity of Document Control Numbers.	YES
060	Enter the NATO Form AC/135-No 1 Control Number (9 characters without the revision No) prior transmission.	YES/NO (see Note 1)
070	Where applicable enter the NATO Codification Project Code (DRN 1057). See CodSP-72.	NO
080	This block is to be completed with the greatest possible care. All information shall be related to the requests identified by the DCNs in block 040.	
081	Enter the name of the equipment in accordance with the following criteria: - in case of LSA requests for items belonging to a common end item, enter the name of the end item; - in case of LSA requests grouped on one form (paragraph 434.3), enter the type of equipment or family of items to which the individual items are associated; - in case of single LSA requests (only one DCN) for an item which cannot be associated with a special end item, enter the name of the item requested for codification; - in case of an existing NATO or Common Project, enter the name of the project and of the related equipment.	YES
082	Enter the type or model of the item/equipment designated under block 081.	YES
083	If applicable, enter the name of the next higher assembly item where all the items listed in block 081 are assembled. Sometimes could be the end item. NOTE: It could be possible that the items have the same end item but different next higher assembly item.	NO

* Note: NSPA having no NATO code, will be referred to as "NSPA"

Block	Instructions	Man-datory
084	Enter the Manufacturer's NATO Commercial and Government Entity Code -NCAGE CODE- (DRN 4140) related to the item/equipment or family of items designated under block 081.	YES
085	Indicate as precisely as possible the main user (specialised service and/or service branch) e.g. Army, Air Force, Navy, Supply Corps, Medical Service, Communications Branch, etc. Example: Army Communications.	YES
086	If it has not been possible to supply an answer to blocks 081, 082 and 083 mentioned above (in the case of Miscellaneous Items, for instance) indicate the criterion applied in grouping these items or any other helpful information.	NO
087	LSA requests grouped by: - the same type of equipment or assembly - the same constructor or contractor - the same manufacturer - the same family of items or class - the same user	NO
090	Enter the following Contract and Documentation Information:	
091	Enter NCAGE Code of Main Contractor entrusted with the contract and responsible for sub-letting a Codification Contract Clause or an equivalent contractual instrument to sub-contractors, if any, and manufacturers. In the case of Miscellaneous Items ensure that these entries apply to all items grouped on the form.	NO
092	Enter NCAGE Code -if available- or name and address of the sub-contractor, or the constructor or manufacturers in the codifying country, particularly if the contractor indicated under block 091 is located in the submitting country or in a third country. In this case, give the reference of the contract binding the sub-contractor or manufacturer to the main contractor.	NO
093	Enter the number of the contract or order in which the Codification Contract Clause or an equivalent contractual instrument was included.	NO
094	Indicate whether the Codification Contract Clause or an equivalent contractual instrument is or is not included by checkmarking the appropriate box and ensure that this statement applies to all items indicated on the form. In the event of a negative answer, explanation or action taken must be specified in block 100, "Remarks".	YES
095	Checkmark the appropriate box to indicate by whom technical documentation is/will be provided. In case of checkmarking "OTHER SOURCES" specify in block 100 or on the reverse side of the form.	YES

Block	Instructions	Man-datory
096	Checkmark the appropriate box to indicate whether technical documentation or other attachments are included or not. If necessary give explanation in the clear in block 100. Technical data should be sent to receiving countries address as listed in CodSP-4 “LSA Matters + electronic docs”.	YES
097	Enter the applicable Order Number allocated by the Manufacturer.	NO
100	This block must be used to enable NSN assignment when normal processing cannot be accomplished due to lack of technical data or supporting documentation. Information, in lieu of technical data or supporting documentation, must be at least one of the following: a. Website URL b. Contact information at the manufacturer, i.e., Name, Phone number, e-mail address c. Catalogues d. Any additional information that will permit Part Number validation An LSA request with RNJC 1 (DRN 2750) must include the following information: - Differentiating Characteristics Data (to be described by use of existing MRCs) If the assignment of a narrow item of supply concept is required, the request must state desired TYPE OF ITEM IDENTIFICATION CODE (TIIC, DRN 4820), i.e. K, L, M or N. If a Segment M or V is submitted in support of the LSA, the request must state the source of characteristics data.	NO
110	Quote the document(s) from which the references presented in the LSA requests covered by the NATO Form AC/135-No 7 have been obtained (e.g. catalogues, ADP data carriers, labels, listings etc. with indication of date).	NO
120	Enter the signature of the responsible officer in the submitting activity.	YES

NOTES :

(1) The use of NATO Form AC/135-No 1 is mandatory if the volume of LSA requests subject to a single project exceeds the limit stated by nations (see sub-paragraph 134.1.1 and CodSP-71). If this rule is not respected, the processing NCB is advised to return the concerned LSA by means of a K27 with code "601".

(2) All LSA transactions should be accompanied by a minimum of **one** of the below pieces of information. The items are listed in order of their priority.

a) End item (included in block 081 and 082).

b) Technical information (indicated in Block 096 and sent separately, or provided as an Internet site with URL in Block 100.

c) Point of contact at the Manufacturer (name and telephone number) included in Block 100.

d) Contract number included in Block 093.

The minimum data elements of Form No. 7 are highlighted in "light blue". If the minimum data is not provided, the processing country is **advised** to return the concerned LSA by a K27 with code "601".

(3) Input instructions for the corresponding L07 transaction are given in Sub-Section 532.

NATO CODIFICATION SYSTEM - SYSTÈME OTAN DE CODIFICATION

REQUEST FOR CODIFICATION AND REGISTRATION OF USER - LSA / DEMANDE DE CODIFICATION ET INSCRIPTION COMME UTILISATEUR - LSA

010 FROM / DE	020 REFERENCE / RÉFÉRENCE , DATE	030 TO / POUR

040 LOWEST AND HIGHEST DCN / LE PLUS PETIT ET LE PLUS GRAND ND

DCN / ND	ORIG	SUBM / SOUM	TRANSACTION DATE	DCSN / NSND
LOWEST / PLUS PETIT				
HIGHEST / PLUS GRAND				

050 TOTAL QUANTITY OF DCNs / QUANTITÉ TOTALE DE ND	060 NATO FORM AC/135-No 1 CONTROL NUMBER / N° DE CONTRÔLE DU FORMULAIRE OTAN AC/135-N° 1	070 NATO CODIF. PROJECT CODE / CODE PROJET DE CODIF. OTAN

080 EQUIPMENT / MATÉRIEL

081	NAME OF EQUIPMENT / NOM DU MATÉRIEL	
082	TYPE OR MODEL / TYPE OU MODÈLE	
083	ASSEMBLY / ENSEMBLE	
084	MANUFACTURER'S NCAGE CODE / CODE NCAGE DU FABRICANT	
085	USER SERVICE / SERVICE UTILISATEUR	
086	OTHER INFORMATION / AUTRES RENSEIGNEMENTS	
087	LSAs GROUPED BY / LSA REGROUPÉES PAR	

090 CONTRACT / CONTRAT

091	MAIN CONTRACTOR'S NCAGE CODE / CODE NCAGE CONTRACTANT PRINCIPAL	
092	SUB CONTRACTOR'S NCAGE CODE OR NAME CODE NCAGE OU NOM SOUS-CONTRACTANT	
093	CONTRACT No. / CONTRAT N°	
094	CODIFICATION CONTRACT CLAUSE / CLAUSE DE CODIFICATION	☐ YES / OUI ☐ NO / NON (IF NO, EXPLAIN IN BLOCK 100) (SI NON, PRECISER EN CASE 100)
095	DOCUMENTATION PROVIDED BY / FOURNIE PAR	☐ MAIN CONTRACTOR / CONTRACTANT PRINCIPAL ☐ SUB CONTRACTOR / SOUS-CONTRACTANT ☐ OTHER SOURCES / AUTRES SOURCES
096	ATTACHMENTS / PIÈCES JOINTES	☐ YES / OUI ☐ NO / NON
097	ORDER NUMBER / NUMÉRO DE COMMANDE	

100 ADDITIONAL DATA / DONNÉES COMPLÉMENTAIRES
(Examples: WWW site URLs, technical data, contact information at the manufacturer, catalogues, etc.) / (Exemples : adresses URL de sites Internet (www), données techniques, coordonnées de la personne à contacter chez le fabricant, catalogues, etc.)

110 ORIGIN OF REFERENCE NUMBERS / SOURCE DES NUMÉROS DE RÉFÉRENCE	120 SIGNATURE

NATO FORM AC/135-No 7 **(16.01)** **FORMULAIRE OTAN AC/135-N° 7**

NOTE : If a printed version of NATO Form AC/135-No 7 is used it is recommended to increase the size of Box 100 to enable it to contain as much information as possible.

434.11 Emergency Codification Procedure

434.11.1 In special cases of an exceptionally urgent nature (e.g., when materiel for which no NSN has been assigned is received at a depot), the application of the emergency codification procedure may be requested for newly procured items.

434.11.2 Countries should ensure that the LSA have a Priority Indicator Code (PIC) of "**E**" as well as the **L07** transactions which cover these requests. **Requests are to be restricted to a maximum of ten (10) items per country, per day.** If a country has requirements to submit more than 10 emergency LSAs per day, the submitting country must contact the LSA Point of Contact (see CodSP-4) to make the appropriate arrangements. Moreover the submitting country must provide the minimum expected information within the emergency LSA request (see paragraph 435.2.6). If the minimum information is not provided, the processing country is advised to return the concerned LSA by a DIC K27 with code “601”.

434.11.3 Based on the reference(s) stated, the codifying NCB will immediately check whether NATO Stock Numbers have already been assigned and, if so, the submitter will be registered as a user for the appropriate NSNs.

434.11.4 If no NSN has been assigned, the reference(s) quoted will be verified (through confirmation obtained either from available technical documentation or from the manufacturer) and the codifying NCB will assign a NATO Stock Number.

434.11.5 Results of the codification services requested will be transmitted to the submitter through the NMBS within the prescribed time frame of **7 days**, by normal output (KAT) using RPDMRC 5 and DAC 5 or 6, when appropriate and upgrading the item identification.

434.11.6 If the reference(s) stated do not qualify for an item identification, the submitter will be informed by normal K27 output. If so required a new request for codification must be submitted.

Sub-Section 435 - Timeframes for Responses

435.1 General

435.1.1 Timeframes are necessary to plan and programme the codification process. They are applied for both new codification requests (LSA) and for maintenance requests on existing NSNs (e.g. LAU, LAR). There are different timeframes and priorities for new requests and maintenance requests, as specified below.

435.1.2 The timeframes specified for codification and maintenance requests are under the control and review of the AC/135 Group of National Directors on Codification.

435.1.3 In all cases the timeframes will only apply if sufficient technical supporting documentation has been supplied to the processing NCB, either through the inclusion of a codification clause in the contract, the provision of a link to the manufacturer's website/point of contact, or through the emailing of the documents by the submitting NCB (see paragraph 434.4).

435.2 LSA Timeframes

435.2.1 Pre-requisites to meeting the LSA timeframes are:

- The Codification Contract Clause or an equivalent contractual instrument has been incorporated within the procurement contract, or technical documentation covering item identification is supplied with the codification request.
- For Accelerated and NATO or Common Project requests:
  - the request and associated DIC L07 should be transmitted by NMBS;
  - the supporting information (documentation) should be transmitted by email or FAX on the same day as the codification request. DCN of concerned LSA/L07 will be indicated in the email;
  - the contract number quoted in the supporting information must be relevant to the manufacturer in the recipient country, or the technical documentation should be transmitted by email or FAX on the same day as the request.
- Emergency Requests should be transmitted via NMBS, if the request is submitted manually (see paragraph 434.11).

435.2.2 LSA Timeframes are defined as being the period from the date of receipt of LSA requests by the destination country (RSFED, DRN 0870, see sub-paragraph 434.8.1) to the date of transmittal of the responses to the submitting NCB/NSPA.

435.2.3 There are three separate timeframes for actioning new codification requests; timeframes are indicated by the Priority Indicator Code - PIC - (DRN 2867) (see Chapter V).

435.2.4 The current timeframes are:

Timeframes in Calendar Days	PIC	Type of Request
60	4	Routine
45	A	Accelerated and NATO or Common Project
7	E	Emergency

435.2.5 The time needed for carrying out a codification request depends mostly on the proper information submitted with the request. The given timeframes will be observed to the greatest possible extent within a nation's capability. When difficulties occur during the preparation of an item identification, and it appears that the appropriate timeframes will not be met, the codifying NCB should assign an NSN within the required timeframe provided that the minimum supporting data for codification is available. Such codification records should be updated to a descriptive item identification whenever possible.

435.2.6 The minimum supporting data for all LSA requests is:

- NATO Commercial and Government Entity Code (DRN 4140) corresponding to an active entity;
- Reference Number(s) (DRN 3570);
- Proposed NATO Supply Class (DRN 3990);
- Item Name Code (DRN 4080) or Non-Approved Item Name (DRN 5020) where the INC is unknown;
- Reference Number Format Code (DRN 2920);
- Reference Number Justification Code (DRN 2750) (if applicable);
- Supporting technical information (documentation) in time with the request (mandatory for emergency and accelerated LSAs);
- L07 filled in with mandatory elements following the instructions for L07 completion (see paragraph 434.10).

435.3 Maintenance Timeframes

435.3.1 Timeframes for carrying out maintenance transactions are necessary to ensure that dependent supply chain processes in the submitting NCB are not delayed. Some nations have put in place validation that requires that a particular reference (NCAGE and Part Number) cannot be used in the supply system until it appears in the Segment C data of the relevant NSN. In other cases, where parts become obsolete, it is important to undertake the maintenance action as soon as possible, to avoid non-procurable parts from being ordered in error.

435.3.2 There are two main types of maintenance transaction – those that are undertaken automatically through the NMBS, and those that must be requested manually, via E-mail / NATO Form AC/135-No 34 or via NSN Online Maintenance Tool to the processing NCB.

Wherever possible, automatic transactions through NMBS should be used to reduce the amount of work for each NCB. Manual transactions shall only be used in accordance with paragraph 442.1.3 and for follow-up actions or when specifically required and justified by the requesting NCB.

435.3.3 Automatic maintenance requests that can be submitted via NMBS comprise Add User Registration (LAU) Delete User Registration (LDU) and certain types of Add Reference(s) and Related Codes (LAR) that are permitted via NMBS (e.g. secondary references). The processing timeframe for these requests is **seven days**, measured from NMBS shipment date.

435.3.4 Manual maintenance requests (see also Sub-Section 445) comprise all other requests to add/delete/change data on an NSN that have to be requested via E-mail / NATO Form AC/135-No 34 or via NSN Online Maintenance Tool to the processing NCB, such as the addition of a reference with primary RNCCs. For this type of request there are two different processing timeframes, depending on the priority assigned by the submitting NCB. Routine requests should be handled within **60 days,** while emergency requests are to be responded to within **14 days**. The timeframe is to be measured from the date the request was received by the processing NCB.

435.3.5 Pre-requisites to meeting the maintenance timeframes are:

- Relevant supporting documentation, which justifies that the reference to be added matches the concept of the NIIN, must accompany the request via Online Maintenance Tool or to be supplied by email to the designated address in CodSP-4, if request is sent via E-mail / NATO Form AC/135-No 34. The DCN or file reference of the request is to be quoted in the subject line of the email, so that the supporting documents can be matched up with the relevant maintenance requests.

- Manual maintenance requests must state the priority assigned by the submitting NCB, either routine or emergency.

435.3.6 When a processing NCB receives maintenance requests via E-mail / NATO Form AC/135-No 34 or via NSN Online Maintenance Tool, and they do not include the required level of documentation, they should be rejected.

435.3.7 The current maintenance timeframes are:

Timeframes in Calendar Days	Type of Request	Priority
60	Manual Request via E-mail / NATO Form AC/135-No 34 or via NSN Online Maintenance Tool	Routine
14	Manual Request via E-mail / NATO Form AC/135-No 34 or via NSN Online Maintenance Tool	Emergency
7	Automatic LAU, LDU, LAR submitted through NMBS	Not Applicable

Sub-Section 436 - Rejection of Requests for New Codification

436.1 General

436.1.1 The input transactions submitted by a country or NSPA wishing to obtain codification services may be rejected for different reasons.

436.1.2 These rejects may be subdivided into two important categories:

a. Rejects provided to the submitting NCB or NSPA by output transactions that are results of machine edits/validations.

b. Rejects forwarded to the submitting NCB or NSPA by manually prepared-machine processed K27 (see paragraph 436.4).

436.1.3 In order to avoid any delay in the processing of LSA requests, the destination NCB shall correct the errors which can easily be adjusted (contradictions within the format; logical errors; incompatibilities). The submitting NCB or NSPA will be informed in order to avoid similar errors in the future, using DIC K27.

436.1.4 When a 600 series Reason for Return Code from Chapter V, Sub-Section 553, Table 130, is reflected in a DIC K27, the NCB responsible for rejecting the LSA request will also be responsible for changing the related Transaction Status Code to ND in its suspense file.

436.2 Reasons for Rejects

436.2.1 **ADP rejects**

436.2.1.1 The submitted input transactions are checked by the recipient NCB by means of an ADP entry control program. Consequently input transactions are rejected when they contain errors or cannot be processed.

436.2.1.2 The submitting NCB or NSPA is informed by an output transaction identified by DIC KRE or KRU using the appropriate Return Code giving the reason for the reject (see Sub-Sections 523, 524 and 553, Table 02).

436.2.2 **Rejects by DIC K27**

In some cases, LSA requests may be rejected when the submitted data are not suitable for processing or item identification and cannot be corrected by the destination NCB. Before rejecting an LSA request, however, see paragraph 434.5

436.2.2.1 If the data contained on the NATO Form AC/135-No 7 or DIC L07 are not adequate to permit item identification for a single item of an LSA request, a DIC K27 shall be forwarded to the submitting NCB or NSPA stating the reason for the reject.

436.2.2.2 Only in the exceptional cases when a DIC K27 is not sufficient to explain the reason for the reject an e-mail explaining the reasons for rejection, including supporting documentation, shall be sent.

436.3 Actions to be taken on Receipt of Rejects

436.3.1 **ADP rejects**

Based on the Return Code, the submitting NCB/NSPA determines the actions to be taken. In the event of a transaction which could not be processed, it is sufficient to complete or correct the missing or invalid control data and to resubmit the transaction. In all other cases, the actions to be taken may vary and include:

a. the transaction shall be corrected or completed before resubmission;

b. the proposed transaction is not authorized but may be submitted by manual request via E-mail / NATO Form AC/135-No 34 or via NSN Online Maintenance Tool;

c. the transaction shall be submitted to the NCB of another country.

436.3.2 **Rejects by DIC K27** (see Sub-Section 434)

When one or more LSA requests are rejected by means of a DIC K27, the submitting NCB or NSPA shall delete the request(s) in its suspense file, study the reason for rejection and take the necessary actions which may be:

a. correct or complete the transaction and resubmit it to the destination NCB under a new DCN;

b. submit a transaction to another destination NCB;

c. establish another transaction with different DIC and resubmit to the destination NCB;

d. arrange for the problem to be solved by the national user without further action to the destination NCB.

436.4 Application of DIC K27

436.4.1 DIC K27 is a manually generated output transaction used to forward information by ADP means concerning a return or revision of an LSA request. For all possible output see Chapter V, Sub-Sections 523 and 533.

436.4.2 By using a combination of Reason for Return/Notification Codes in DIC K27 (see Chapter V, Sub-Section 553, Table 130), a codifying NCB will be able to inform the submitter:

- why his request has been rejected and may need to be resubmitted under a new DCN, or

- that although his request has been accepted he should note that amendments or corrections have had to be made to his input data. This will assist him to avoid similar errors in future requests and help him to recognize exactly where input or output data segments have been corrected.

Sub-Section 437 - Alternative Approaches to Codification Requests

437.1 Codification of “Export Contracts”

437.1.1 The codification of an “Export contract” can be achieved by replacing the LSA procedure itself by a more direct process.

The contract should include a clause, or an equivalent contractual instrument for the direct codification process. Before signing the contract prospective contractors may ask their NCBs to confirm the feasibility of this direct process. The extent of the coordination and scope of the task to be carried out by the NCB of the main contractor must be agreed on a bi-lateral basis.

In fact from the initial provisioning list validated by the customer, the main work in added value is between the main contractor and the codification bureau where the main contractor is located.

When an NCB is informed of a contract signed between the Armed Forces of its own nation and a foreign contractor, it is invited to transmit this information within NATO Form AC/135-No 1 to the NCB of the Main Contractor's armament programme concerned (see Sub-Section 431).

When the IPL is finalized and validated by the customer, the codification tasks can be started through a direct contact between the Main Contractor and the NCB of its nation. A periodic report is forwarded to the NCB of the customer nation during the tasks achievement stage.

437.1.2 Details on the various stages along with the actors of the procedure are explained in the flowchart “Codification for a Major Export Contract” in ANNEX C to Chapter IV.

437.1.3 A biannual reporting for direct codification performed for export contracts has to be established, using the “Electronic Statistics Report No 4 (ESR4) on codification for export contracts” which is available in the NATO Automated Business System (NABS) in the “AC135 Forms” folder .(see Sub-Section 464).

Sub-Section 438 - Other Operations

438.1 Reproduced Items

438.1.1 Conditions for application of original NATO Stock Numbers

The application of NATO Stock Numbers of the originating NATO country or Tier 2 sponsored country or International Organisations (IOs)(*) to reproduced items is governed by the following conditions:

a. the item of supply concept of the originating NATO country or Tier 2 sponsored country must be adopted by the reproducing country(ies);

b. the reproduction must be effected in full conformity with the original drawing and/or standards/specifications, although certain minor deviations shall be accepted, such as the use of equivalent raw materials and/or manufacturing processes and/or non-identity of non-essential dimensions or tolerances provided that these deviations do not affect the item of supply concept and that they have been approved by the originating NATO country or Tier 2 sponsored country;

c. the reproduction must be achieved under the terms of a licensing agreement entered into between the original manufacturer and the reproducing manufacturer, or within the context of an existing agreement between the competent authorities of the governments of the originating NATO country or Tier 2 sponsored country and of the reproducing NATO country or Tier 2 sponsored country;

d. any agreement to use the original NATO Stock Number must be sanctioned by the originating NATO country or Tier 2 sponsored country.

438.1.2 An attempt will be made at all times to conform with the above conditions a, b and c before requesting agreement to use the original NATO Stock Numbers from the originating NATO country or Tier 2 sponsored country.

When only conditions a and b exist and the nature of the items precludes condition c (e.g. items reproduced to the national standards of another NATO country, the reproducing NATO country or Tier 2 sponsored country may still apply to the originating country for authorisation to use the original NATO Stock Numbers, this request is to be accompanied by adequate justification.

438.1.3 When the originating NATO country or Tier 2 sponsored country has granted its authorisation, the reproduced items will receive the original NATO Stock Numbers. The reproducing NATO country will submit an LAU request as well as an LAR request in order to initiate user registration and to add the reference with RNCC 8 in the files of the originating NATO country or Tier 2 sponsored country.

(*) Hereafter, the term “Non-NATO” countries shall also be understood to include “International Organizations”

NOTE:

In case an NCB, having received an LSA request, discovers that the submitted reference represents an item of another NATO country or Tier 2 sponsored country reproduced in its own country under the conditions of sub-paragraph 438.1.1 and for which it is not itself a user of the item, it shall advise the submitting NATO country or Tier 2 sponsored country/NSPA to apply directly to the originating NATO country or Tier 2 sponsored country for authorisation to use the original NSN(s).

The NCB of the reproducing NATO country or Tier 2 sponsored country will assist the user country by furnishing all necessary information.

After having received this permission the user country or NSPA will submit an LAU request as well as an LAR request to the originating NATO country or Tier 2 sponsored country.

438.1.4 If the originating NATO country or Tier 2 sponsored does not grant authorisation and/or if the items for which the reproducing NATO country or Tier 2 sponsored country does not consider that the preliminary conditions (see sub-paragraphs 438.1.1 a. and b.) have been met, the reproduced items will normally be assigned national NATO Stock Numbers allocated by the reproducing NATO country or Tier 2 sponsored country

438.1.5 The above procedure does not apply to NATO Common Projects which are subject to special rules (see paragraph 438.2).

438.1.6 Application of NATO Form AC/135-No 6

438.1.7 Countries having reproduced an item and wishing to use the NATO Stock Number allocated by the originating NATO country or Tier 2 sponsored shall submit a request for authorisation to this country by means of the NATO Form AC/135-No 6.

438.1.8 The request is to be completed in triplicate, two copies of which are to be forwarded to the originating NATO country or Tier 2 sponsored. If necessary a list of the reproduced items shall be annexed to the request.

The originating NATO country or Tier 2 sponsored country will return one copy to the reproducing country duly completed with the decision in part B of the form.

438.1.9 NATO Form AC/135-No 6 "REQUEST FOR APPROVAL TO UTILIZE ORIGINAL NATO STOCK NUMBERS FOR REPRODUCED ITEMS"

438.1.9.1 Instructions for the completion of NATO Form AC/135-No 6

PART A

Block	Instructions
1	Insert your "3-letter" Country Code of the submitting NCB according to ISO 3166-1 and as listed in CodSP-3. (see Note*)
2	Date and reference. The reference of the first request should be retained throughout the whole process until a final decision has been taken.
3	Insert the "3-letter" Country Code of the destination NCB according to ISO 3166-1 and as listed in CodSP-3. (see Note*)
4	A) Name, type or model of equipment; state in sufficient detail. If necessary, give supplementary details on the List For Codification Of Reproduced Items (Appendix to the form). B) Checkmark the applicable statement.
5	Checkmark the applicable statement. The Appendix to the form should always show the same reference as the request.
6	Checkmark the appropriate reply and give full address of the co-ordinating agency if applicable.
7	Checkmark the applicable statement and provide most detailed information.
8	Checkmark the appropriate reply.
9	Checkmark the appropriate reply.
10	State full address of controlling agency.
11	State full designation of specifications and/or standards. Any deviations noted should be indicated on a list to be attached to the form (see sub-paragraph 438.1.10: Appendix to NATO Form AC/135-No 6).
12	Name, signature and telephone number of responsible officer of requesting NCB within reproducing country.
13	Number and date of the contract concluded between original and reproducing manufacturer.

* Note: NSPA having no NATO code, will be referred to as "NSPA"

Block	Instructions
14	Statement and signature by responsible officer of government service within reproducing country concerning "Mutual Acceptance of Government Quality Assurance", in accordance with STANAG 4107, Annex D.

PART B

Block	Instructions
1	Insert your “3-letter” Country Code according to ISO 3166-1 and as listed in CodSP-3. (see Note*)
2	Date and reference. The reference of the first request should be retained throughout the whole process until a final decision has been taken.
3	Insert the “3-letter” Country Code of the reproducing country according to ISO 3166-1 and as listed in CodSP-3. (see Note*)
4	Decision by the responsible NCB. Checkmark the appropriate decision. In case of adverse decision, justification should be provided on separate sheet or on the reverse side.
5	Signature.

* Note: NSPA having no NATO code, will be referred to as “NSPA”

NATO CODIFICATION SYSTEM - SYSTÈME OTAN DE CODIFICATION

REQUEST FOR APPROVAL TO UTILIZE ORIGINAL NATO STOCK NUMBERS FOR REPRODUCED ITEMS /
DEMANDE D'APROBATION DE L'UTILISATION DES NUMEROS DE NOMENCLATURE ORIGINAUX DES ARTICLES REPRODUITS

PART A **PARTIE A**

1 **FROM / DE**	2 **REFERENCE / RÉFÉRENCE , DATE**	3 **TO / POUR**

4A **NAME OF EQUIPMENT / NOM DU MATÉRIEL**	4B **THE REPRODUCTION OF THE EQUIPMENT / REPRODUCTION DU MATÉRIEL** ☐ IS CONTEMPLATED / PRÉVUE ☐ WAS PERFORMED / EFFECTUÉE

5 **AN ITEM LISTING / UNE ÉNUMERATION DES ARTICLES** ☐ IS ATTACHED / EST JOINTE ☐ WILL BE FORWARDED / SERA ADDRESSÉE ☐ IS NOT REQUIRED / EST INUTILE

6 **THE EQUIPMENT IS A JOINT NATO PROJECT / LE MATÉRIEL EST UN PROJET OTAN COMMUN** ☐ YES / OUI ☐ NO / NON

IF YES, THE COORDINATING AGENCY IS :
DANS L'AFFIRMATIVE, L'AGENCE COORDONNATRICE EST :

7 **THE REPRODUCTION IS BASED ON / LA REPRODUCTION SE FONDE SUR** ☐ A GOVERNMENTAL AGREEMENT / UN ACCORD OFFICIEL ☐ A LICENSEE-LICENSOR AGREEMENT BETWEEN / UN ACCORD DE LICENSE ENTRE

8 **DRAWINGS OF THE ORIGINAL MANUFACTURER WILL BE USED / LES DESSINS ET PLANS DU FABRICANT ORIGINAL SERONT UTILISÉS** ☐ YES / OUI ☐ NO / NON

9 **THE ORIGINAL MANUFACTURER CONTROLS THE REPRODUCTION / LE FABRICANT ORIGINAL CONTRÔLE LA REPRODUCTION** ☐ YES / OUI ☐ NO / NON

10 **AGENCY WHICH CONTROLS THE REPRODUCTION / AGENCE QUI CONTRÔLE LA REPRODUCTION**

11 **THE REPRODUCTION IS BASED ON THE FOLLOWING SPECIFICATIONS OR STANDARDS (DEVIATIONS ARE INDICATED IN AN ATTACHED LISTING*) / LA REPRODUCTION EST FONDÉE SUR LES SPÉCIFICATIONS OU NORMES CI-APRÈS (LES DÉROGATIONS SONT INDIQUÉES DANS UNE LISTE JOINTE*)**
* CROSS OUT IF NOT APPLICABLE / RAYER SI SANS OBJET

12 **SIGNATURE OF RESPONSIBLE OFFICER OF REQUESTING NCB (WITHIN REPRODUCING COUNTRY) / SIGNATURE DE L'OFFICIER RESPONSABLE DE L'ORGANISME DEMANDEUR (DU PAYS REPRODUCTEUR)**

13 **NUMBER AND DATE OF THE CONTRACT BETWEEN ORIGINAL AND REPRODUCING MANUFACTURER / NUMÉRO ET DATE DU CONTRAT ENTRE LE FABRICANT ORIGINAL ET LE FABRICANT REPRODUCTEUR**

14 **STATEMENT BY RESPONSIBLE GOVERNMENTAL SERVICE IN ACCORDANCE WITH STANAG 4107 (OF REPRODUCING COUNTRY) / DÉCLARATION DU SERVICE GOUVERNEMENTAL RESPONSABLE, CONFORMÉMENT AU STANAG 4107 (DU PAYS REPRODUCTEUR)**

THE ORIGINATING COUNTRY IS REQUESTED TO INDICATE EACH CASE WHERE THE NATO STOCK NUMBER FOR THE ORIGINAL ITEM OF PRODUCTION EMBRACES MORE THAN ONE UNDER CONSIDERATION FOR REPRODUCTION. /
IL EST DEMANDÉ AU PAYS D'ORIGINE D'INDIQUER CHAQUE CAS OU LE NUMÉRO DE NOMENCLATURE OTAN DE L'ARTICLE DE PRODUCTION ORIGINAL COMPORTE D'AUTRES ARTICLES QUE CELUI DONT LA REPRODUCTION EST EXAMINÉE.

PART B **PARTIE B**

1 **FROM / DE**	2 **REFERENCE / RÉFÉRENCE , DATE**	3 **TO / POUR**

4 **DECISION BY NCB / DÉCISION DU BNC** ☐ AGREED / ACCORD ☐ NOT AGREED / DESACCORD *

* SEE JUSTIFICATION ON ATTACHED STATEMENT /
VOIR JUSTIFICATION SUR LA DÉCLARATION JOINTE

5 **SIGNATURE**

NATO FORM AC/135-No 6 **(03.01)** **FORMULAIRE OTAN AC/135-N° 6**

438.1.10 Appendix to NATO Form AC/135-No 6 / Appendice au formulaire OTAN AC/135-Nº 6

Equipment / Matériel	

Requesting Country / Pays demandeur	
Mod. No. / Liste N°	
Date	

LIST FOR CODIFICATION OF REPRODUCED ITEMS / LISTE D'ARTICLES REPRODUITS A CODIFIER

1	2	3				4	5	6	7	8	9	10	11	12
LINE ITEM	SERIAL NUMBER	NATO STOCK NUMBER NUMERO DE NOMENCLATURE OTAN				APPROVED ITEM NAME (In the codifying country)			ORIGINAL MANUFACTURER'S CODE	ORIGINAL MANUFACTURER'S REFERENCE NUMBER	REPRODUCING MANUFACTURER'S CODE	REPRODUCING MANUFACTURER'S REFERENCE NUMBER	ITEM NAME	REMARKS
No D'ORDRE	No DE SERIE	CLASS CLASSE	NATO Code for NCB Code OTAN du BNC	Item Identification Number Numéro d'identification		DENOMINATION APPROVEE (dans le pays codificateur) INC CD	NAME DENOM	Type of Item Identification Type d' identification	CODE DU FABRICANT D'ORIGINE	NUMERO DE REFERENCE DU FABRICANT D'ORIGINE	CODE DU FABRICANT REPRODUCTEUR	NUMERO DE REFERENCE DU FABRICANT REPRODUCTEUR	DENOMINATION (dans le pays reproducteur)	OBSERVATIONS
*)4	*)7	*)4	*)2	*)3	*)4	*)5	*)19	*)1	*)5	*)16	*)5	*)16	*)19	
	*) The size of the columns may be adapted as required and indicated by the numbers of digits / La largeur des colonnes peut être adaptée aux besoins d'un rédacteur et indiquée par le nombre des digits.													

438.2 Codification of Items of Supply for Common Project

438.2.1 Definitions

438.2.1.1 Common Project

A common project consists of one or more equipments or end items procured by more than one nation for which codification of the items of supply is to be performed. Equipment (weapon system) becomes named as a “Common Project” after mutual agreement of at least two nations on co-operation on codification of Items of Supply of the equipment.

The items of supply can be original or reproduced items (Consult with your NCB).

438.2.2 General procedural requirements

438.2.2.1 NCB/NSPA publishes a list of current and potential Common Projects in the NABS folder entitled „COMMON PROJECTS“. These projects either already have Items of Supply or will require Items of Supply to be codified in the future.

438.2.2.2 The file format is MS Excel with the following structure:

- Serial No. of the project
- USER (3 digits ISO abbreviation of the nation)
- Name of the project in English, *for example: Helicopter MI 24V*
- Reference number of the project in Latin characters (English), *for example: Mi 24V*
- NCAGE of actual manufacturer
- Picture of the project.

438.2.2.3 National lists of potential Common Projects are consolidated once per year after 31st March into a single list by the designated NCB/NSPA. The “designated NCB” is a volunteer nation among the users of the equipment that has been accepted to the role of “designated NCB” by the nations participating in the Common Project.

438.2.2.4 Co-operation on data exchange on existing Items of Supply or those requiring future codification among the nations participating in the Common Project conforms to bilateral or multilateral agreements. However, it is recommended to publish Items of Supply data of specific Common Projects in the NABS sub-folder entitled „COMMON PROJECTS“.

438.2.2.5 The file name structure is: ISO country code of NCB – Reference No. of the project. File format is MS Excel.

438.2.2.6 The file (i.e. the list of Items of Supply for a Common Project) is managed by the NCB identified in the file name (see 438.2.2.5) having the following structure:

- Serial No. of IoS within the project
- USER (3 digits ISO abbreviation of the country)
- NSN
- INC (if available)
- Name in English
- Name in national language

- Reference number in Latin characters (English)
- NCAGE of actual manufacturer.

438.3 Codification of Items of Supply for NATO Project

438.3.1 Definitions

A NATO Project is a common project which is officially recognized.

438.3.1.1 Project contractor

A project contractor is a contractor acting on behalf of one or more activity/activities authorized to produce parts lists (indicating items of supply) or changes thereto.

438.3.1.2 Home NCB

The Home NCB is the NCB of the country in which the project contractor is located.

438.3.1.3 Participating or consortium countries

Developing, manufacturing, procuring and using countries are participating or consortium countries.

438.3.1.4 The items of supply can be original or reproduced items. The equipment or end items involved in a NATO project can be that which is:

- developed, manufactured and used by one country and also procured by other countries
- developed and manufactured by one country and procured by several countries (managed through an established materiel agency)
- developed and manufactured by several countries and procured by several countries.

438.3.2 General procedural requirements

438.3.2.1 A complete and detailed Codification Contract Clause (see STANAG 4177) or an equivalent contractual instrument will be inserted in the respective contracts with main and sub-contractors. Main and sub-contractors are obliged to insert the Codification Contract Clause or an equivalent contractual instrument in all contracts with their sub- contractors, etc.

438.3.2.2 Data for codification will be transmitted between NCBs via telecommunication in accordance with Sub-Sections 493 (General Rules) and 513 (Formats). The mode of telecommunication between Home NCB and project contractors and vice versa is at national discretion.

438.3.2.3 Co-ordination of codification

Co-ordination of codification can reduce overall project costs and the number of codification requests.

The participating countries should decide on how the codification of items of supply for the project concerned is to be co-ordinated.

The following options are available:

438.3.2.3.1 Co-ordination by a Home NCB

The codification of items of supply will be co-ordinated by the Home NCBs of the countries in which the lists of the items of supply are initiated. These lists are normally submitted by the project contractors in the name of the consortium countries. This co-ordination will be undertaken for all the items of supply listed irrespective of the country of origin or national user requirement for any item of supply. The Home NCB will be responsible for requesting codification in the country of origin for each item concerned. The Home NCB or agreed representative is to take part in the logistics conference in accordance with national procedures. For detailed flowchart on co-ordination by a Home NCB, see ANNEX B-2.

438.3.2.3.2 Co-ordination by one country/NSPA

Participating or consortium countries will utilize one country or NSPA to co-ordinate the codification of the items of supply for a project. The co-ordinating country/NSPA will submit codification requests on behalf of all participating countries direct to the NCB concerned. A flowchart based on those in ANNEX B-1 and ANNEX B-2 may be produced.

438.3.2.3.3 No co-ordination

The codification of each and every item is requested by each and every user in accordance with the procedures contained earlier in this chapter.

438.3.2.4 The project contractor will only contact his Home NCB.

438.3.2.5 When parts lists or changes thereto are used to generate codification requests the following minimum data must be included for each item of supply:

- NATO Commercial and Government Entity Code (DRN 4140)
- Reference Number(s) (DRN 3570)
- Proposed NATO Supply Class (DRN 3390)
- Item Name Code (DRN 4080) or Non-Approved Item Name (DRN 5020) where the INC is not known
- Reference Number Justification Code (DRN 2750) (if applicable)

For change requests, the reasons for the change and details of any items affected.

438.3.2.6 A contractor within a project may be registered as an authorized data receiver for the following data elements:

- NATO Stock Number (DRN 3960)
- Item Name (DRN 5010 or 5020)
- Item Name Code (DRN 4080)
- NATO Commercial and Government Entity Code (DRN 4140)
- Reference Number(s) (DRN 3570)
- Reference Number Category Code (DRN 2910)
- Reference Number Variation Code (DRN 4780)
- Reference Number Justification Code (DRN 2750)

438.4 NATO Codification Project Codes - DRN 1057

438.4.1 General

NATO Codification Project Codes as defined in Sub-Section 543 - DRN 1057 - are assigned to allow for quick recognition of relevant ADP transactions and NATO AC/135 Forms on which they are quoted.

438.4.2 Allocation

A NATO country/NSPA wishing to obtain a NATO Codification Project Code for a project in which 2 or more countries/NSPA are involved should first obtain the agreement of the other countries/NSPA. They are then to submit a request using NATO Form AC/135-No 18, completed in triplicate, to the AC/135 Secretariat. Normally only one code is allocated for a project.

If a special Sub-Group of National Directors on Codification exists for the project this group will have to confirm that the allocated NATO Codification Project Code is sufficient for its need. If not then the Sub-Group is to arrange for a member country/NSPA to request one or more additional codes.

A copy of the form completed with replies will be sent to the NCBs of the NATO countries/NSPA involved by the AC/135 Secretariat.

438.4.3 Cancellation

A NATO country/NSPA wishing to cancel a NATO Codification Project Code should first obtain the agreement of the other countries/NSPA who are recorded as being involved in the project. They are then to submit a request using NATO Form AC/135-No 18, completed in triplicate, to the AC/135 Secretariat.

A copy of the form completed with replies will be sent to the NCBs of the NATO countries/ NSPA involved by the AC/135 Secretariat.

A cancelled NATO Codification Project Code will not be re-allocated by the AC/135 Secretariat until a period of 12 months has elapsed from the AC/135 Secretariat receiving the cancellation request.

438.4.4 NATO Form AC/135-No 18 "REQUEST FOR REGISTRATION/CANCELLATION OF A NATO CODIFICATION PROJECT CODE"

438.4.4.1 Instructions for the completion of NATO Form AC/135-No 18

438.4.4.2 **PART A**

Information to be provided by the requesting country.

Block	Instructions
1	Insert the "3-letter" Country Code of the requesting NCB according to ISO 3166-1 and as listed in CodSP-3 (see Note*). (to allow further enquiries when necessary).
2	Insert the date and reference of the request.
3	Insert the address of the AC/135 Secretariat.
4	Insert the name of the NATO Codification Project for which registration (or cancellation) of the Project Code is requested (e.g. NADGE)
5	Only to be filled in when a cancellation is requested.
6	For the convenience of all parties concerned, countries involved in the codification project (as users or producers/main national contractors) should be stated.
7	Additional remarks.
8	Signature of the official in the requesting NCB/NSPA.

438.4.4.3 **PART B**

To be filled in by the AC/135 Secretariat.

Block	Instructions
1	Insert the address of the AC/135 Secretariat.
2	Insert the AC/135 Secretariat reference and date.
3	Insert the "3-letter" Country Code of the destination NCB according to ISO 3166-1 and as listed in CodSP-3. (see Note*)
4	The assigned 2 characters will be indicated in this field or on an attached list.
5	Additional information.
6	Signature of the official in the AC/135 Secretariat.

* Note: NSPA having no NATO code, will be referred to as "NSPA"

NATO CODFICATION SYSTEM - SYSTEME OTAN DE CODIFICATION

**REQUEST FOR REGISTRATION / CANCELLATION OF A NATO CODIFICATION PROJECT CODE /
DEMANDE D'OBTENTION / D'ANNULATION D'UN CODE PROJET DE CODIFICATION OTAN**

PART A **PARTIE A**

1 FROM / DE	2 REFERENCE / RÉFÉRENCE, DATE	3 TO / POUR

4 PROJECT FOR WHICH CODE IS REQUESTED / CANCELLED / PROJET POUR LEQUEL LE CODE EST DEMANDÉ / ANNULÉ (*)

5 TIME CANCELLATION BECOMES EFFECTIVE / DATE À LAQUELLE L'ANNULATION PREND EFFET

6 COUNTRIES INVOLVED IN PROJECT / PAYS IMPLIQUÉS DANS LE PROJET

7 REMARKS / REMARQUES	6 SIGNATURE

(*) DELETE INAPPLICABLE STATEMENT
BIFFER LA MENTION INUTILE

PART B **PARTIE B**

1 FROM / DE	2 REFERENCE / RÉFÉRENCE, DATE	3 TO / POUR

4 ASSIGNED CODE / CODE TO BE CANCELLED / CODE ATTRIBUÉ / CODE À ANNULER (*)

5 REMARKS / REMARQUES	6 SIGNATURE

(*) DELETE INAPPLICABLE STATEMENT
BIFFER LA MENTION INUTILE

NATO FORM AC/135-No 18	(03.01)	FORMULAIRE OTAN AC/135-N° 18

438.5 Identification of materiel that attracts Provenance and Traceability (P&T) considerations

438.5.1 General

Clear identification of materiel that attracts Provenance and Traceability (P&T) considerations is required. A standard approach across the NCS is necessary. These items require additional assurance levels as they are used in critical applications on aircraft. Such items need clear and unambiguous identification to distinguish from non-certified items (often using the same Part Number). More importantly the addition of unapproved supplier's References to items that require P&T, due to their being used in safety critical applications, must be prevented as mixing of such stocks could put lives at risk .

438.5.2 Procedure

438.5.2.1 The submitting nation shall :

- screen using national tools and NMCRL prior to any action ;
- submit LSA with RNJC of '1' (assuming no duplicate is created) ;
- state in the “Additional data” (block 100) on the associated L07 : “Answer to MRC ZZZY required”. Reply with "Airworthy Certificated Item supplied with Provenance & Traceability documentation". This implies the Reference should contain an RNVC of ‘1’. Narrow concept, type 1B or 4B is required ;
- Any supporting data must be attached in the normal way by completing blocks 095 & 096 (Documentation & Attachments) as required .

438.5.2.2 The processing nation will :

- codify the item with an RNVC or ‘1’ and reply to ZZZY as “Airworthy Certificated Item supplied with Provenance & Traceability documentation" ;
- codify the item using a 1B or 4B type of identification .

NOTE: The adoption of this procedure, as a submitting nation, is at national discretion .

Section 440 - Maintenance Operations on Items of Supply

Sub-Section 441 - Registration or Withdrawal of User Interest -LAU and LDU-

441.1 Registration of user -LAU-

441.1.1 This input transaction shall be used to request registration as a user of an existing item identification and NATO Stock Number.

441.1.2 This registration implies the despatch by the NCB of the producing country of all the registered data concerning the item identification according to the NSN (KAT) subject of the LAU transaction. The registered user automatically receives subsequent updating of all data elements of this item identification.

441.1.3 This item will remain active in the TIR of the NCB of the producing country as long as any user is registered.

However, see Sub-Section 446 for items codified in error.

441.1.4 Any additional user registration shall be notified to all other users registered on the related NSN by output transaction KAU.

441.1.5 For all possible ADP-output see Chapter V, Sub-Sections 523 and 533. For controls on this transaction see Chapter V, Sub-Section 562. Timeframes for LAU are specified in Chapter IV, Sub-Section 435.

441.2 Withdrawal of user registration -LDU-

441.2.1 This input transaction shall be used to request the withdrawal as a user of an item identification and NATO Stock Number whenever the user registered country/ NSPA ceases to use an item for which user registration has been recorded in the producing country. Only the registered country or NSPA can withdraw interest for itself.

441.2.2 Any withdrawal of user registration shall be notified to all other users registered on the related NSN by output transaction KDU.

441.2.3 For all possible ADP-output see Chapter V, Sub-Sections 523 and 533. For controls on this transaction see Chapter V, Sub-Section 562. Timeframes for LDU are specified in Chapter IV, Sub-Section 435.

Sub-Section 442 - Addition/Deletion/Change of References and Related Codes -LAR, LDR, LCR-

442.1 Add reference(s) and related codes -LAR-

442.1.1 This input transaction shall be used to request the addition of reference(s) to an existing item identification for which the submitter is registered as a user.

442.1.2 Only Additional references coded RNCC 5 or 6 can be added by an automatic LAR request (see Sub-Section 562, paragraph 562.1.1).

442.1.3 Exceptions to paragraph 442.1.2 are listed below and identify the conditions that require the use of E-mail / NATO Form AC/135-No 34 or NSN Online Maintenance Tool when additional references are requested:

(a) with primary RNCCs (RNCC 1, 2, 3 or 4)

(b) with RNCCs 5 and RNVC 2 on NSN having specification or standard coded RNCC-RNVC 2-2. This is to allow the codifying country to have the reference added to the applicable Qualified Products List (QPL) associated with the Standard Military Drawing or Military or civilian Specification.

For RNCC 8, the prerequisites as stated in paragraph 438.1 for use of the original NSN in case of reproduction items must be fulfilled and the request to the codifying country will be by manual request via E-mail / NATO Form AC/135-No 34 or via NSN Online Maintenance Tool.

(c) on NSNs already having a source controlled item (RNCC 1) with the exception of informative references (RNCC 6) which are added by an automatic LAR request.

(d) on NSNs identifying narrow concept items (Types 1A, 4A, 1B, 4B) with the exception of informative references (RNCC 6) which are added by an automatic LAR request.

(e) with NCAGEs located in the codifying country. This is to allow the codifying country to check the category of the reference number(s) in order to safeguard the item of supply concept and to add them, including as a primary reference, as deemed necessary.

442.1.4 Addition of 3rd countries' references, or references from the submitter's country will be processed by normal LAR request under the above conditions. The submitter will be responsible for the documentation of those references.

NOTE :

If the receiving country does not have the submitted NCAGE Code in its file, it is to ask the requesting country for details by facsimile or E-mail message, the requesting country is to answer in KHN format and the receiving country is to process the LAR after updating of its files.

442.1.5 Any addition of reference(s) shall be notified to all other users registered on the related NSN by output transaction KAR.

442.1.6 For all possible ADP-output see Chapter V, Sub-Sections 523 and 533. For controls on this transaction see Chapter V, Sub-Section 562. Timeframes for LAR are specified in Chapter IV, Sub-Section 435.

442.2 Delete reference(s) and related codes -LDR-

442.2.1 This input transaction shall be used to request withdrawal of reference(s) and related codes from an existing item identification for which the submitter is registered as a user.

Such withdrawal can be requested only by the country responsible for the reference(s) as indicated by the associated Reference Number Action Activity Code - RNAAC - or by the NSN assigning nation when RNAAC is not registered as a user anymore.

When the LDR request is submitted by a country not associated with the registered RNAAC, the request will be submitted via E-mail / NATO Form AC/135 No 34 or via NSN Online Maintenance Tool. See Sub-Section 444.

442.2.2 Any deletion of reference(s) shall be notified to all other users registered on the related NSN by output transaction KDR.

442.2.3 For all possible ADP-output see Chapter V, Sub-Sections 523 and 533. For controls on this transaction see Chapter V, Sub-Section 562. Timeframes for LDR are specified in Chapter IV, Sub-Section 435.

442.3 Change of reference related codes -LCR-

442.3.1 This input transaction shall be used to request the change of related codes to reference(s) of an existing item identification for which the submitter is registered as a user.

Such a change can be requested only by the country responsible for the associated Reference Number Action Activity Code - RNAAC - or by the NSN assigning nation when RNAAC is not registered as a user anymore.

When the LCR request is submitted by a country not associated with the registered RNAAC, the request will be submitted via E-mail / NATO Form AC/135 No 34 or via NSN Online Maintenance Tool. See Sub-Section 444.

442.3.2 Any change of reference related codes shall be notified to all other users registered on the related NSN by output transaction KCR.

442.3.3 For all possible ADP-output see Chapter V, Sub-Sections 523 and 533. For controls on this transaction see Chapter V, Sub-Section 562. Timeframes for LCR are specified in Chapter IV, Sub-Section 435.

442.4 Capturing bar code data

When the codifying country makes contact with manufacturers regarding reference number additions, deletions, or changes, they shall attempt to obtain the bar code number or product identification number, assigned by companies affiliated with GS1, and take appropriate action on the corresponding bar code number or product identification. These numbers are designated by Document Availability Code (DAC) U.

Sub-Section 443 - Multiple DIC Input -LMD-

443.1 This input transaction shall be used for grouping of input transactions under the same DCN and is limited to LAR, LDR and LCR inputs, at least two of which must be present. These transactions must concern references pertaining to one existing item of supply concept under one NSN. The order in which the DICs must appear is as follows:

LMD, LDR, LAR, LCR.

443.2 The conditions for submission of an LMD transaction are those pertaining to the relevant L-DICs it contains.

443.3 Any result of an LMD transaction shall be notified to all other users registered on the related NSN by output transaction KMD.

443.4 For all possible ADP-output see Chapter V, Sub-Sections 523 and 533. For controls on this transaction see Chapter V, Sub-Section 562. Timeframes for LMD are specified in Chapter IV, Sub-Section 435.

Sub-Section 444 - Revision of NATO Stock Numbers (NSNs) - Standard Electronic Maintenance Form -

444.1 NATO Form AC/135-No 34 is used to request a revision to another country's NSN or group of NSNs. It should include all the documentation the receiving country will need to evaluate and process the proposed maintenance action(s). Timeframes for processing maintenance transactions are specified in Chapter IV, Sub-Section 435.

The form is primarily for use as an E-mail attachment file. However, where use of E-mail isn't possible, the form can be sent by FAX. Below are instructions for filling out the form.

444.2 NATO Form AC/135-No 34, Part A and B "REVISION OF NATO STOCK NUMBERS – STANDARD ELECTRONIC MAINTENANCE FORM"

444.2.1 Instructions for the completion of NATO Form AC/135-No 34, Part A and B

Part A

This section is to be completed by the requesting NCB or NSPA. Blocks marked with an asterisk (*) are mandatory.

Block	Instructions
1	Insert your "3-letter" Country Code according to ISO 3166-1 and as listed in CodSP-3. (see Note*)
2	Insert your reference for control purposes. This can be any combination of letters and numbers of your choice that can be used for tracking this request.
3	Insert your name.
4	Insert your phone number.
5	Insert your e-mail address.
6	Insert the "3-letter" Country Code of the receiving NCB according to ISO 3166-1 and as listed in CodSP-3. (see Note*)
7	Insert the NSN, if the request involves only one NSN. If multiple NSNs are involved, include them in an attachment file. Submitters are encouraged to submit a mirror image of the transaction(s) they want processed, using the formats for L-DIC transactions found in Chapter V. That will add clarity to the request and speed processing by the receiving NCB.
8	Insert the reason code for the maintenance request. See Chapter V, Sub-Section 553, Table 138 for appropriate codes.
9	Checkmark the appropriate box to indicate the Priority Indicator Code - PIC - for the maintenance request. See Sub-Section 435.3.7 for current maintenance timeframes for manual requests
10	Insert the related NSN (cancellations only).

* Note: NSPA having no NATO code, will be referred to as "NSPA"

Block	Instructions
11	Remarks. Add any text needed to clarify the request and/or include an image of the transactions you want processed.
12	Attachments. List the attachment files or other documentation included with the request. For scanned documents, use either the .TIF or .JPG formats. For transaction files, use MsWord, .XLS or .TXT format. If you are submitting multiple LAR, LCR, or LDR transactions by mail or FAX, you may use the LAR-LCR-LDR Maintenance Grid (see paragraph 444.3 : Appendix to the form)

Part B

This section has to be completed by the National Codification Bureau of the country receiving the request. Blocks marked with an asterisk (*) are mandatory.

Block	Instructions
1	Insert your "3-letter" Country Code according to ISO 3166-1 and as listed in CodSP-3. (see Note*)
2	Insert the reference shown in Block 2, Part A of the form.
3	Insert your name.
4	Insert your phone number.
5	Insert your e-mail address.
6	Insert the "3-letter" Country Code of the submitter country according to ISO 3166-1 and as listed in CodSP-3. (see Note*)
7	Remarks.

* Note: NSPA having no NATO code, will be referred to as "NSPA"

NATO CODIFICATION SYSTEM - SYSTÈME OTAN DE CODIFICATION

REVISION OF NATO STOCK NUMBERS (NSN) - STANDARD ELECTRONIC MAINTENANCE FORM /
RÉVISION DES NUMÉROS DE NOMENCLATURE OTAN (NNO) - FORMULAIRE ÉLECTRONIQUE STANDARD DE MISE À JOUR

PART A - SUBMITTER'S FORM **FORMULAIRE DU SOUMETTANT - PARTIE A**

1* FROM / DE	6* TO / POUR
2* REFERENCE / RÉFÉRENCE , DATE	
3* SUBMITTER'S NAME / NOM DU SOUMETTANT	
4* SUBMITTER'S PHONE NUMBER / N° TÉL DU SOUMETTANT	
5* SUBMITTER'S E-MAIL ADDRESS / E-MAIL DU SOUMETTANT	

7* NSN / NNO
8* REQUESTED ACTION / ACTION DEMANDÉE
9* PIC / CP ☐ 4 (Routine) ☐ E (Emergency / Urgence)
10 RELATED NSN (CANCELLATIONS ONLY) / NNO RATTACHÉ (ANNULATION UNIQUEMENT)
11* REMARKS / REMARQUES
12 ATTACHMENTS / DOCUMENTS JOINTS

NATO FORM AC/135-No 34A	(14.07)	FORMULAIRE OTAN AC/135-N° 34A

NATO CODIFICATION SYSTEM - SYSTÈME OTAN DE CODIFICATION

REVISION OF NATO STOCK NUMBERS (NSN) - STANDARD ELECTRONIC MAINTENANCE FORM /
RÉVISION DES NUMÉROS DE NOMENCLATURE OTAN (NNO) - FORMULAIRE ÉLECTRONIQUE STANDARD DE MISE À JOUR

PART B - REPLY FORM **FORMULAIRE RÉPONSE - PARTIE B**

1* FROM / DE	6* TO / POUR
2* REFERENCE / RÉFÉRENCE , DATE	
3* PROCESSOR'S NAME / NOM DU CODIFICATEUR	
4* PROCESSOR'S PHONE NUMBER / N° DE TÉL DU CODIFICATEUR	
5* PROCESSOR'S E-MAIL ADDRESS / E-MAIL DU CODIFICATEUR	

7* REMARKS / REMARQUES

NATO FORM AC/135-No 34B	(03.01)	FORMULAIRE OTAN AC/135-N° 34B

444.3 Appendix to NATO Form AC/135-No 34A : LAR-LCR-LDR Maintenance Grid

DIC	DOCUMENT CONTROL NUMBER				ASSIGNED NATO STOCK NUMBER		RNFC	RNCC	RNVC	DAC	RNAAC	RNSC	RNJC	REFERENCE	
	ORIGINATOR CODE	SUBMITTER CODE	TRANS-ACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NSC	NIIN								NCAGE CODE	REFERENCE NUMBER
LAR	ZFZF00299999A740				5930	142240000	4	3	2	2	35	A	1	F6230	600000UN1P0LA1REN01RR0UGE981
															XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
															(32 characters)

Example of transmitted data

NIIN

Reference Number on 32 characters

Sub-Section 445 – NSN Maintenance and standard form for tracking manual maintenance transactions

445.1 The standard form for tracking manual maintenance transactions of one or more NSNs/References is used to control timeframes (see sub-paragraph 435.3.4) for the realisation of maintenance services by countries.

445.2 Each NCB allowing receipt of manual maintenance transactions out of Online Maintenance Tool (OMT) is responsible for maintaining and updating this form, cf. Sub-Section 463.

445.3 **Monitoring Form – ESR3**

445.3.1 A current copy of the ESR3 form is to be found on the NATO Automated Business System (NABS) in the "AC135 Forms" folder.

445.3.2 Instructions for the completion of the ESR3 form (worksheet in MS Excel file) for manual maintenance transactions.

Column	Data	Instructions
A	Submitting NCB/NSPA	Select from drop down list the Country Name of the submitting NCB / NSPA
B	Processing NCB	Select from drop down list the "3-letter" Country Code of your NCB
C	Receipt Date	Indicate the date of receipt of the request
D	Reference	Indicate the reference of the request. The method of numbering remains at the discretion of each submitting NCB
E	PIC	Select from drop down list the Priority Indicator Code -PIC- (DRN 2867) of the request
F	Due Date	The Due date to the requesting NCB is automatically calculated in accordance with the PIC and associated maintenance timeframes (see sub-paragraph 435.3.7)
G	Type of Maintenance	Select from drop down list the transaction that is requested (see Chapter V, Sub-Section 553, Table 138-A). Proposals may include the following: A - Maintenance of Reference data: LAR, LCR and LDR B - Cancellation of NSN: LKD C - Change INC, NSC or definition D - Add / Change / Delete Characteristics E - Reinstate NSN F - NON AIN translation is not in English G - Miscellaneous
H	Total of NIINs/Ref.	Indicate the total of NSNs or the total of References attached to this request

Column	Data	Instructions
I	Request Status	Select from drop down list the status of the request (see Chapter V, Sub-Section 553, Table 138-B). The status can be: W - Completed X - Rejected: the request contains errors Y - Rejected: the request is unprocessable Z - In process
J	Processing Date	Indicate the Processing/finalisation date of the request
K	Timeframe days	The actual Processing Timeframe (in days) is automatically calculated and relates to: ▪ the delay since a not-processed request is recorded ▪ the delay of a processed request (difference between the dates of column C and J)
L	ESR3 Timeframe	For processed requests, timeframe expressed in 10-day periods is automatically calculated (used in ESR3 consolidation)
M	Remarks	Remarks

Sub-Section 446 - Cancellation of NATO Stock Numbers

446.1 General

446.1.1 The purpose of this procedure is to ensure collaboration and co-operation in the cancellation of NATO Stock Numbers.

446.1.2 A NATO or Tier 2 sponsored country wishing to cancel a NATO Stock Number with DIC LKV (Cancel-Invalid), DIC LKD (Cancel-Duplicate) or DIC LKU (Cancel-Use) issued from its own files but used by other countries or NSPA, should seek general agreement for action prior to cancellation of the number.

446.1.3 The cancellation of a NATO Stock Number with DIC LKR (Cancel-Replace) will not require such agreement (see Sub-Section 526, DIC LKR).

446.1.4 Some countries retain full data on cancelled NSNs in their systems, even though the data is not exchanged in NADEX. Because cancelled NSN data can be useful many years after an item is cancelled, for reinstating NSNs and other purposes, countries participating in the NCS should consider retaining the data.

446.2 Collaboration Procedure

446.2.1 A country wishing to cancel a NATO Stock Number will take the following actions:

a. ascertain from its records all other countries and NSPA or other organisations which are registered as a user of the NATO Stock Number concerned and initiate either NATO Form AC/135-No 23 or DIC L23;

(1) For manual processing, prepare a NATO Form AC/135-No 23 (see paragraph 446.4) and forward by email to each user country/NSPA or other registered organisations;

(2) For automated processing, prepare DIC L23 (see Sub-Section 532 - L23) and submit via NMBS to each user country/NSPA or other registered organisations. If the requested action is LKD or LKU, the L23 input contains Total Item Record (TIR) Segments A, B and C of the replacement NSN. Response to L23 input is DIC K23 (see Sub-Section 533 - K23). For controls on this transaction see Chapter V, Sub-Section 562.

b. allow 60 days for reply action before cancellation of the NSN;

(1) In case of unanimous agreement, if LKD or LKU the cancellation of the NSN leads to an automatic transfer of MOE rules and References of the cancelled NSN to the replacement NSN (refer to Sub-Sections 523 and 524);

(2) In case of unanimous agreement but with decision of one or more countries/NSPA to temporarily maintain the cancelled NSN in the TIR, until exhaustion of stock or until the end item is withdrawn from circulation, the referenced NIIN of the replacement NSN is accompanied by the special NCAGE INTE8 (see Sub-Section 233.2 - Indication of the corresponding NSN).

(3) In case of disagreement of one or more countries/NSPA no cancellation action will be undertaken.

446.2.2 On receipt of the NATO Form AC/135-No 23 or L23, the addressee will:

a. review the proposal for the reasons stated in block A6 of the Form No.23 or in position 55 of the second record of the L23;

b. review its own national requirements for use of the NSN concerned;

c. reply within 60 days of the date on the Form No. 23 or L23 to the originating country stating the decision in Blocks B4 and B5 of the form or in position 55 of the K23 transaction. If the proposed cancellation is accepted no reply needs to be given; concurrence may be assumed by the country initiating the L23 or Form No. 23 after 60 days.

However, if the country receiving a cancellation request wishes to concur prior to the 60 day time frame, they may reply with reason code "Q".

446.3 Change of user registration

A country accepting the proposed cancellation should:

a. if the requested action is LKV

- initiate a LDU transaction on the NSN proposed for cancellation;

b. if the requested action is LKD or LKU

- initiate a LDU transaction on the NSN proposed for cancellation, if the item is no longer in use in the country

Note: For automatic transfer of the MOE rule and references of cancelled NSNs see sub-paragraph 446.2.1.b.(1)

446.4 NATO Form AC/135-No 23 "Cancellation of NATO Stock Numbers"

446.4.1 Instructions for the completion of NATO Form AC/135-No 23

Part A

Block	Instructions
1	Insert the "3-letter" Country Code of the dispatching NCB according to ISO 3166-1 and as listed in CodSP-3. (see Note*)
2	Insert reference and date.
3	Insert the "3-letter" Country Code of the destination NCB according to ISO 3166-1 and as listed in CodSP-3. (see Note*)
4	Quote the NSN and attach to the form the TIR data. Review this data prior to dispatch of the form to include any recent updating information to ensure the addressee has the fullest information to permit an affirmative reply.

* Note: NSPA having no NATO code, will be referred to as "NSPA"

Block	Instructions
5	Checkmark the appropriate box and ensure that full item identification data of the replacement item are attached.
6	Checkmark the appropriate box as being one of the following reasons: (A) Within the producing or codifying NATO or Tier 2 sponsored country the NSN no longer represents a valid item of supply. (B) There is an error in the manufacturers or other authority references listed in the identification of the item. (C) The items of production, corresponding to this item of supply are obsolete or, for other reasons, can no longer be supplied and substitute items must be produced. (D) The item has been declared non-standard and has been withdrawn from procurement in favour of a standardized item. (E) The item is no longer manufactured. (F) Attach a detailed statement setting out reasons for cancellation if different from cases (A) to (E) and (G). (G) The item is a duplicate NSN.
7	This block is self-explanatory.
8	Signature of a responsible officer of the dispatching NCB.

Part B

Block	Instructions
1	Insert the "3-letter" Country Code of the replying NCB according to ISO 3166-1 and as listed in CodSP-3. (see Note*)
2	Insert your reference and date on the copy to be returned to the requesting NCB.
3	Insert the "3-letter" Country Code of the requesting NCB according to ISO 3166-1 and as listed in CodSP-3. (see Note*)
4	The end item(s) on which the item is used will be indicated.
5	Checkmark the appropriate box.
6	Signature of a responsible officer of the replying NCB or NSPA.

* Note: NSPA having no NATO code, will be referred to as "NSPA"

NATO CODIFICATION SYSTEM - SYSTÈME OTAN DE CODIFICATION

CANCELLATION OF NATO STOCK NUMBERS - NSN / ANNULATION DE NUMÉROS DE NOMENCLATURE OTAN - NNO

PART A **PARTIE A**

1 FROM / DE	2 REFERENCE / RÉFÉRENCE , DATE	3 TO / POUR

4 NSN PROPOSED TO BE CANCELLED / NNO PROPOSÉ À L'ANNULATION

IT IS PROPOSED TO CANCEL THE ITEM IDENTIFICATION (DATA ATTACHED) FOR WHICH YOUR COUNTRY IS REGISTERED AS A USER /
IL EST PROPOSÉ D'ANNULER L'IDENTIFICATION D'ARTICLE (DONNÉES CI-JOINTES), POUR LEQUEL VOTRE PAYS EST ENREGISTRÉ COMME UTILISATEUR.

5 THE PROPOSED ACTION IS INDICATED / LA MESURE PROPOSÉE EST LA SUIVANTE

LKV - CANCEL INVALID / ANNULATION POUR INVALIDITÉ ☐ **LKD** – CANCEL DUPLICATE / ANNULATION POUR DOUBLE ☐

LKU - CANCEL USE / ANNULATION FUSION ☐

THE RELATED NSN IS / LE NNO CORRESPONDANT EST FOR WHICH DATA ARE ATTACHED / POUR LEQUEL LES DONNÉES SONT JOINTES

6 CANCELLATION IS ENVISAGED FOR THE FOLLOWING REASON / L'ANNULATION EST ENVISAGÉE POUR LA RAISON SUIVANTE

- **(A)** ☐ CHANGE IN ITEM OF SUPPLY CONCEPT / MODIFICATION DU CONCEPT DE L'ARTICLE DE RAVITAILLEMENT
- **(B)** ☐ ERROR IN NSN REFERENCE / ERREUR DANS UNE RÉFÉRENCE DU NNO
- **(C)** ☐ SUBSTITUTE ITEM / ARTICLE DE REMPLACEMENT
- **(D)** ☐ NON-STANDARD ITEM / ARTICLE NON NORMALISÉ
- **(E)** ☐ ITEM IS NO LONGER AVAILABLE FROM MANUFACTURER / L'ARTICLE N'EST PLUS DISPONIBLE CHEZ LE FABRICANT
- **(F)** ☐ OTHER REASON (ADDITIONAL REMARKS ARE ON THE REVERSE) / AUTRE MOTIF (POUR EXPLICATIONS SUPPLÉMENTAIRES VOIR AU VERSO)
- **(G)** ☐ DUPLICATE NSN / NNO FAISANT DOUBLE EMPLOI

7 YOU ARE REQUESTED TO EXAMINE THIS PROPOSAL AND IN CASE OF DISAGREEMENT TO RETURN THE FORM WITHIN A PERIOD OF 60 DAYS AS FROM THE DATE MENTIONED IN BLOCK A2 AND AFTER COMPLETION OF PART B.
FAILURE TO REPLY WITHIN THE PRESCRIBED TIME LIMIT WILL BE CONSIDERED AS INDICATION OF APPROVAL. /

VOUS ÊTES PRIÉ D'EXAMINER CETTE PROPOSITION ET EN CAS DE DÉSACCORD DE RENVOYER CE FORMULAIRE DANS UN DÉLAI DE 60 JOURS À COMPTER DE LA DATE INDIQUÉE DANS LA CASE A2 ET APRÈS AVOIR REMPLI LA SECTION B.
L'ABSENCE DE RÉPONSE DANS LE DÉLAI PRESCRIT SERA CONSIDERÉE COMME UNE ACCEPTATION.

8 SIGNATURE

PART B **PARTIE B**

1 FROM / DE	2 REFERENCE / RÉFÉRENCE , DATE	3 TO / POUR

4 NOTE THAT THE ITEM IS USED ON / NOTEZ QUE L'ARTICLE EST UTILISÉ SUR

5 DECISION OF CANCELLATION REQUEST / DÉCISION DEMANDE D'ANNULATION

- **(Q)** ☐ CONCUR / ACCORD
- **(X)** ☐ CONCUR / ACCORD — ITEM NEEDS TO BE MAINTAINED IN THE TIR UNTIL EXHAUSTION OF STOCK / L'ARTICLE DOIT ÊTRE MAINTENU DANS LE FGI JUSQU'À L'ÉPUISEMENT DES STOCKS
- **(Y)** ☐ CONCUR / ACCORD — ITEM NEEDS TO BE MAINTAINED IN THE TIR UNTIL THE END ITEM IS WITHDRAWN FROM CIRCULATION / L'ARTICLE DOIT ÊTRE MAINTENU DANS LE FGI JUSQU'À CE QUE L'ENSEMBLE SUPÉRIEUR SOIT RETIRÉ D'EMPLOI
- **(Z)** ☐ NONCONCUR / DÉSACCORD — REASON FOR REJECT/ MOTIF DU REJET

6 SIGNATURE

NATO FORM AC/135-No 23 **(17.07)** **FORMULAIRE OTAN AC/135-N° 23**

Sub-Section 447 - Reinstatement of NATO Stock Numbers

447.1 General

Reinstatement of a cancelled NATO Stock Number comprises preparation of the complete item identification including determination of respective codes.

447.2 Countries requesting the reinstatement of NSN(s) should forward a letter to the NCB responsible for the assignment of the NSN(s), containing the following mandatory data:

- NATO Stock Number
- Item Name in the language of the producing country and/or Item Name Code
- Reference Number(s)
- Applicable NCAGE Code(s)
- Document Control Number for each item

447.3 Any supplementary data known to the submitting country should be added:

- Identification Type and related Item Identification Card
- RNVC
- RNCC
- RNSC
- RNFC
- DAC
- End Item or Major Assembly
- Supporting documentation (e.g., technical drawings, manufacturer's catalogues, military technical or supply documentation such as Technical Orders, Technical Manuals, Identification Lists, Management Data Lists etc.).

447.4 The NCB responsible for the reinstatement will ;

a. review the NSNs to determine if reinstatement action is appropriate;

b. prepare the item identifications for reinstatement and initiate LAU transactions, using the DCN submitted with the initial request, to register the submitting country as a user, forwarding the TIR data with DIC KAT;

c. request the submitting NCB/NSPA to furnish additional technical data when reinstatement is not possible because of insufficient data;

d. communicate to the submitting NCB/NSPA the reasons why the reinstatement cannot take place (e.g. NCAGE's data invalid or already registered under another NSN).

447.5 If the reinstatement of an NSN is not possible, the submitting and receiving countries will delete the submitted DCN from their suspense files.

Section 450 - Follow-Up Interrogations (LFN)

450.1 General

450.1.1 The follow-up system based on national suspense files shall be used to monitor the implementation of the NATO time frames/standards for completion of codification services by the countries.

It is restricted to input DICs used for file maintenance.

450.1.2 Follow-up interrogations will be submitted by means of DIC LFN (see Sub-Sections 522 and 532) for international input transactions identified by DICs LAR, LAU, LCR, LDR, LDU, LMD or LSA. For controls on this transaction see Chapter V, Sub-Section 562.

450.1.3 Follow-up interrogations will not be submitted for input transactions identified by DICs LTI. The original transaction may be re-input if no reply has been received after 15 days.

450.1.4 Results of follow-up interrogations will be output by means of DIC KFN (see Sub-Sections 523 and 533). The KFN transaction will contain the applicable Transaction Status Code (see Sub-Section 553, Table 26) which will inform the submitter as to the status of the original input transaction.

450.2 Follow-up actions

450.2.1 LFN transactions can be generated at any time after the codification request (see Sub-Section 435.2) or maintenance timeframes (see Sub-Section 435.3) have passed. The number of LFN transactions relating to an input transaction is not limited.

450.2.2 If the reply to a follow-up transaction of a LSA request shows Transaction Status Code “NA”, the LSA transaction (including L07) should be resubmitted using the original DCN.

450.2.3 If the reply to a follow-up transaction for DICs LAR, LAU, LCR, LDR, LDU and LMD shows Transaction Status Code “NA”, the accompanying TIR data should be evaluated if the desired changes were incorporated. If the TIR does not show the desired results, the original relevant details are to be resubmitted using the original DCN.

450.2.4 If no reply has been received to the follow up transactions or the KFN reply shows Transaction Status Code “NB”, an e-mail shall be sent to the appropriate technical contact in CodSP-4 of the defaulting NCB requesting that immediate action be taken to solve the problem. The unresolved issues will be documented on NATO Form AC/135-No 4A (see Sub-Section 482 – Problem Reporting System).

450.3 Actions to be taken by the submitting NCB or NSPA

450.3.1 For international input transactions stated under sub-paragraph 450.1.2, follow-up interrogations will be submitted in the format of DIC LFN (see Sub-Section 532).

450.3.2 The DCN on the LFN transaction will be the same as the DCN on the offending transaction.

450.3.3 A separate LFN transaction will be submitted for each follow-up.

450.3.4 When an e-mail is sent to the appropriate technical contact on CodSP-4 of the defaulting NCB it must be accompanied with sufficient information including the original Document Control Number (DRN 1015).

450.4 Actions to be taken by the receiving NCB

450.4.1 Upon receipt of a follow-up interrogation the following actions must be taken:

450.4.1.1 Process the follow-up transaction against the suspense file.

450.4.1.2 Output the results by means of DIC KFN (see Sub-Section 533).

450.4.1.3 When the TIR is accessed as a result of Transaction Status Code “NA”, output TIR data under DICs KFE, KFS, KIR or KTN.

450.4.1.4 When the TIR is accessed as a result of Transaction Status Code “NC”, output TIR data under DICs KFE, KFS, KIR, KTN or KRE.

450.4.1.5 KFN reply for LSA transactions should include all available K27 output (see Sub-Section 553, Table 130).

450.4.2 TIR data will be included in the same package with KFN output.

450.4.3 If an e-mail to the appropriate technical contact in CodSP-4 is received stating an L-transaction is outstanding, the status of the original request is to be determined immediately and the initiating country is to be notified accordingly.

Section 460 - Reports on New Codification Processing

Sub-Section 461 - Report on pending codification services - ESR1

461.1 General

461.1.1 Semi-annual reporting takes place for those codification requests unprocessed beyond the agreed time frames (see sub-paragraph 435.2.4). The Recorded Suspense File Entry Date (RSFED, DRN 0870) shall be used as a basis for this report.

461.1.2 The Report on Pending Codification Services is to be included as a standing item in the agendas of Main Group and Panel A meetings.

461.2 Action to be taken by NSPA

461.2.1 As at the 1st of January and the 1st of July NSPA will retrieve a list of outstanding LSA's from NMBS. The consolidated report on pending codification services will be published within one month in the AC/135 Management Information System (MIS).

461.2.2 In order to follow-up on the development of the number of outstanding LSA requests nations are to investigate and take action on a bi-lateral basis to evaluate and resolve any issues reported within ESR1 in MIS.

461.2.3 To assist in the evaluation countries/NSPA may:

- regularly raise LFN transactions (see Sub-Section 450) and update their suspense file according to the KFN replies (see Sub-Section 553, Table 26).

- if required submit details in ADP format for ADP comparison (LSA in text file). The following layout should be used (modifications agreed to by the participating NCBs are allowed):

Columns	***Type of data***	***Columns***	***Type of data***
1-16	Document Control Number (DCN)	34-38	Julian Date received
19-21	Input DIC (e.g. LSA)	41-45	Julian Date completed
24-26	Initial Output DIC (e.g. KNR)	48-50	Secondary Output DIC (e.g. KAT; optional Field)
29-31	Reason for Return/Notification Code or Transaction Status Code (optional in POSITION 29-30)	53-65	NATO Stock Number

461.2.4 Where an NCB/NSPA has evidence to show that maintenance L-DICs have not been responded to within the 90 day time frame then they should raise a Problem Report (see Sub-Section 482).

461.3 Action to be taken by the authority responsible for completion of pending Requests

461.3.1 On receipt of the DCN's those authorities holding processing of any requests from other authorities in abeyance shall reconcile any discrepancies regarding these requests on the basis of the Document Control Number(s) of the submitting NCB.

461.3.2 Panel A shall review any national requests or statements and discuss solutions for problem cases.

461.4 At the Main Group Meeting

- the Chairman Panel A shall report on problems revealed and
- the national representatives concerned shall inform the Group on actions intended to be taken for elimination of individual problem cases.

Sub-Section 462 - Report on completed LSA's - ESR1

462.1 General

462.1.1 Semi-annual reporting takes place for those codification requests that have been answered with DICs K27 of the 600-series, KAT, KRE, KRU and LSA completion by days' timeframes on completed LSA actions. The data shall be retrieved from NMBS for the reporting period by NSPA.

462.1.2 The "LSA Electronic Statistics Report No 1 (ESR1) on Rejected Codification Requests, Completion Timeframes and Pending Codification Services" is to be included as a standing item in the agendas of Main Group and Panel A meetings.

462.2 Action to be taken by NSPA

462.2.1 As at the 1st of January and the 1st of July NSPA will retrieve the list of completed LSA's from NMBS. The consolidated report on completed LSA's will be published within one month in the AC/135 Management Information System (MIS).

462.2.2 The report of 1st JANUARY shall cover the codification requests **completed** within the period of 1st July to 31st December of the **previous year.** Similarly, the report of 1st JULY shall cover the codification requests **completed** during the period 1st January to 30th June of the **same year**.

462.2.3 In order to recognize and resolve the reasons for rejections of LSA requests NSPA is to prepare a "Consolidated Report on LSA Rejects and Completion Timeframes" in MIS and present it at the next meeting of AC/135 Panel A. Directors are informed at each AC/135 Main Group meeting through the report of Chairman Panel A.

462.3 Action to be taken by the receiving authority

462.3.1 Authorities receiving rejects to LSA requests shall investigate reasons for accumulation of rejects and try to adjust their system for improvement.

462.3.1.1 Authorities shall assess national performance against current (see sub-paragraph 435.2.4) and future proposed LSA completion timeframes and take actions to meet stated timeframe targets.

462.3.2 Panel A shall review the report of NSPA in MIS and discuss solutions for problem cases.

462.4 At the Main Group Meeting

- the Chairman Panel A shall report on problems revealed and
- the national representatives concerned shall inform the Group on actions intended to be taken for elimination of individual problem cases.

Sub-Section 463 – Report on manual maintenance transactions - ESR3 (transactions outside NADEX)

463.1 General

463.1.1 The monthly reporting for manual maintenance transactions is established, specifying timeframes by days and the number of requests. The data shall be retrieved from OMT for the reporting period by NSPA.

463.1.2 The “Electronic Statistics Report No 3 (ESR3) on manual maintenance transactions” is to be included as a standing item in the agendas of Main Group and Panel A meetings.

NOTE: The report is to be prepared by NATO and TIER 2 sponsored countries, only in case there were manual maintenance transactions processed out of OMT within the reporting period.

463.2 Action to be taken by NSPA or ESR3 submitting authority

463.2.1 On the first business day of each calendar month every submitting authority will transmit a copy of the MS Excel ESR3 form file used to record only the manual maintenance transactions handled out of Online Maintenance Tool (OMT) as described in Sub-Section 445.

463.2.2 NSPA will record all the manual maintenance transactions handled via OMT.

463.3 Resulting actions

463.3.1 In order to make an assessment on timeframes, type of process and number of manual requests, NSPA shall prepare a summary report and present it in the AC/135 Management Information System (MIS).

463.3.2 A monthly report will cover the manual maintenance transactions **completed** during the period of the **previous calendar month.**

463.3.3 The monthly ESR3 report has to be submitted through NABS not later than the first business day of each month.

463.3.4 AC/135 Panel A shall review the NSPA reports and discuss solutions for problems identified.

463.3.5 Panel A Chairman shall report these problems to AC/135 Main Group.

Sub-Section 464 –Report on Codification for Export contracts (Direct codification) – ESR4

464.1 General

464.1.1 As with LSAs a biannual reporting for direct codification performed for export contracts is established, specifying contracting nations, number of assigned NSNs and the number of LSA requests generated for export. The data shall be retrieved from the reporting period.

464.1.2 The aim of the "Electronic Statistics Report No 4 (ESR4) on codification for export contracts" is to measure the effort of codification performed by a NCB for foreign forces outside of the LSA process.

464.1.3 The "Electronic Statistics Report No 4 (ESR4) on codification for export contracts" is to be included as a standing item in the agendas of Main Group and Panel A meetings.

NOTE: The report is to be prepared by NATO and TIER 2 sponsored countries, only. This report is mandatory.

464.2 Action to be taken by the ESR4 submitting authority

464.2.1 As on January and on July every submitting authority will transmit a copy of the MS Excel ESR4 form file used to record all direct codification for export. A current copy of this report is to be found on the NATO Automated Business System (NABS) in the "AC135 Forms" folder. This report shall be compiled in accordance with instructions given on the ESR4 worksheet titled "User Instructions".

464.3 Resulting actions

464.3.1 In order to make an assessment on direct codification, concerned nations and number of assigned NSNs, NSPA shall prepare a summary report and present it at the next AC/135 Panel A meeting.

464.3.2 The report of JANUARY will cover the NSNs **assigned for direct codification** during the period of 1st July to 31st December of the **previous year.** Similarly, the report of JULY will cover the NSNs **assigned for direct codification** during the period 1st January to 30th June of the **same year**.

464.3.3 The bi-annual ESR4 has to be submitted through NABS not later than 31st January and 31st July each year.

464.3.4 AC/135 Panel A shall review the NSPA report and discuss on this codification process if appropriate.

464.3.5 Panel A Chairman shall report this codification process for export, to AC/135 Main Group.

Section 470 - Total Item Record (TIR) and System Support Record (SSR) Maintenance

Sub-Section 471 - File Updates

471.1 General

471.1.1 It is the duty of the codifying NATO or Tier 2 sponsored country/NSPA to maintain its files up-to-date with, in principle, updating taking place at least once every 2 weeks.

Any revision to data recorded in the national TIR that requires notification to registered users of the affected NSN is notified by the appropriate output transactions.

471.1.2 On receipt of an input transaction LAU or LDU (see Sub-Section 441) the codifying NATO or Tier 2 sponsored country shall respectively start or stop the shipment of output data relative to the appropriate NSN.

Details of the different output transactions are explained in Chapter V, Sub-Sections 523 and 533. For controls on this transaction see Chapter V, Sub-section 562.

471.2 Compatibility of files

471.2.1 To obtain effective use of the NATO Codification System each country and NSPA shall ensure that data (elements) recorded in their files and the corresponding data (elements) recorded in the file of the codifying NCB are compatible.

471.2.2 The means provided to help maintain the compatibility of files are 3-fold:

a. By use of the Shipment Numbers and not processing the outputs (K-DICs) a shipment contains out of sequence (see Sub-Section 571).

b. By ADP comparison of the value of the NATO File Maintenance Sequence Number - NFMSN - (DRN 1516) that forms part of a received K-DIC with the value already held on file for the appropriate NSN. Where this differs by more than one then action is to be taken to obtain a replacement TIR.

For further details of the ADP generated NFMSN count see Chapter V, Sub-Sections 543 and 553 Table 22.

c. The bi-annual inventory comparison - NSN-Import/Export Electronic Statistics Report No 2 (ESR2) (see paragraph 471.4).

471.3 File replacement data (KFF)

471.3.1 Despite the means available to maintain the compatibility of files there are occasions when registered users may be provided with TIR data or specified segments for all NSNs for which they are registered as a user.

The data that is provided may arise from:

a. A general modification of the files that has taken place resultant from new rules/procedures being agreed by all participating NATO countries and NSPA. In this case exchange is between all NCBs and NSPA.

b. Voluntarily agreeing to a request from another NCB or NSPA for its provision.

NOTE : KFF data is normally transmitted on agreed electronic data carrier or other established electronic media (see CodSP-25) and not by NMBS.

471.3.2 More details are reflected in Sub-Sections 523 and 533.

471.4 Bi-annual inventory comparison – Report ESR2

471.4.1 Bi-annual inventory comparisons are performed to maintain data integrity between the national TIR's. NATO, Tier 2 (mandatory) Tier 1 nations (optionally) and NSPA use the "NSN-Import/Export Electronic Statistics Report No 2 (ESR2)" to report the situation in the national TIR. A current copy of the "Electronic Statistics Report No 2 (ESR2)" in Excel format is available from the NATO Automated Business System (NABS), "AC135 Forms" folder. The bi-annual report by countries has to be submitted through NABS not later than 10th February and 10th August each year. To facilitate the analysis of the results, the data extraction from the national database should take place as close as possible to 1st of February and 1st of August. Based on these reports a comparison is made of the totals of NSNs (NIIN SC = 0, 1 and 9) for which a nation is registered as users by other codifying countries/NSPA with those reported by their users.

471.4.2 Upon receipt of the ESR2 Report from the nations, NSPA will perform the comparison and produce a consolidated report showing the actual and percentage difference of the total TIR records reported by two countries and compare these figures with statistics on segment B (MOE registration) data included in the NMCRL database.

471.4.3 Due to differences in exact extraction times and due to differences in the national processing systems there may be minor differences in the reports from two nations and the NMCRL database. A percentage difference of up to 1% does not require any action, a percentage difference up to 5% should result in an investigation by the two countries involved and a percentage difference of more than 5% should result in the two countries considering a full file reconciliation and/or an NMCRL database update.

471.4.4 After evaluation of the results the user country or NSPA will submit to the codifying country/NSPA LAU-LDU-LTI - transactions as appropriate for updating of the appropriate files.

Sub-Section 472 - Segment Availability/Requirement Table

472.1 The Segment Availability/Requirement Table (CodSP-21A), is a self-explanatory table reflecting possible segments to be exchanged for maintenance purposes indicating which segments can be provided and which of them will be accepted by the individual participants in the NATO data exchange.

472.2 Table CodSP-55 indicates those nations that are capable of receiving Coded Characteristics Data (Segment V) in support of a request for Codification and Registration of User (LSA).

472.3 Tables CodSP-21A and CodSP-55 are the basis for each NCB or NSPA to develop drop tables which govern the distribution of output data from their files for individual recipients.

472.3.1 In the NATO data exchange only complete segments will be dropped. The undesired data must be predetermined by the destination NCB or NSPA and must correspond to the Segment Availability/Requirement Table.

Sub-Section 473 - System Support Records - SSR -

473.1 System Support Records are tables, indexes, guides etc., normally maintained as computer files that interface with the processing of input/output transactions.

They contain a listing of information required to support or interpret the content of the TIR and may comprise among others the following files:

- Major Organizational Entity Codes (MOE Codes)
- Item Name Directory (H6 Series)
- NATO Supply Classification (H2 Series)
- Item Identification Guide - IIG - MRD / DB2 Tables -
- NATO Commercial and Government Entity Codes (NCAGE Codes and addresses / H4 Series)
- Segment Availability/Requirement Table (CodSP-21)

473.2 System Support Records are required in order to:

- control the validity of the data to be registered into or contained in the national TIR;
- permit the utilization of national TIR data from other NATO or Tier 2 sponsored countries or NSPA;
- control the submitted or received requests for codification services to ensure that these have been processed and if the results have been received or forwarded as appropriate.

473.3 Common format and procedures for the maintenance of System Support Records are being developed by the responsible Panel of AC/135; appropriate rules will be included in Sub-Section 474 on a step by step basis after approval by the Group of National Directors on Codification. In the meantime, the exchange of SSRs may be accomplished on the basis of bilateral agreements.

For System Support Records which may be requested from another NATO or Tier 2 sponsored country or NSPA (see CodSP-22), exchange is to be done by agreed electronic media.

473.4 Data maintained as System Support Records may also be issued as Codification Publications on agreed media.

For Codification Publications which may be requested from another NATO or Tier 2 sponsored country or NSPA and for the media of distribution see Sub-Section 621.

Sub-Section 474 - Maintenance Procedures for System Support Records -SSR-

474.1 Exchange of NATO and non-NATO CAGE data

474.1.1 Nations maintaining NCAGE Codes, names, addresses and other data related to manufacturers and other organisational entities recorded on SSR files (H4-data), will provide on a regular basis either total file replacements or updates only of such data to NSPA, who will maintain a consolidated KHN file of NATO and non-NATO CAGE data.

474.1.2 All nations must provide a KHN full file replacement to NSPA in line with CodSP-73J. NSPA creates a new consolidated KHN file to be distributed to all nations in line with CodSP-73C.

474.1.3 CodSP-73C details each nation's requirements and the media to be used for this data exchange to and from NSPA.

474.1.4 Data exchange will be in Segment 8 format using output transaction KHN. Details of output transactions (DIC KHN) are reflected in Sub-Sections 533, 543 and 553. For controls on this transaction see Chapter V, Sub-Section 562.

474.1.5 On receipt of KHN data NSPA will identify those records to be processed by checking the field 'Date of last change' (DRN 9567) contained in the input KHN transaction against the date held on the existing consolidated KHN file NCAGE record. Only those transactions where the date has changed will be processed to update to the consolidated KHN file.

474.1.6 On a daily basis NSPA will distribute via the NATO Mailbox System, all successfully processed transactions including non-NATO ('S' & 'I' NCAGES), to those nations that have requested to receive 'updates only' KHN data (Excluding the nation originating the transaction).

474.1.7 Those nations who have requested to receive only full file KHN replacement data from NSPA will receive a consolidated KHN file every two months – in February, April, June, August, October and December.

474.2 Exchange of NATO and non-NATO NSN data

474.2.1 All nations must provide a KFF full file replacement to NSPA in line with CodSP-73J. NSPA creates a new consolidated KFF file to be distributed to all nations in line with Sub-Section 415.6.

Sub-Section 475 - Provision of Materiel Management Data

475.1 STANAG 4199 (see Chapter I, Section 150) makes provision for a Uniform System of Materiel Management Data Exchange within the NATO community.

475.2 Materiel Management Data is determined and issued by those countries managing the related items of supply and, for commonly managed items of supply, by NSPA.

475.3 A permanent exchange of Materiel Management Data will be accomplished on the basis of bilateral agreement. Segment H (DRN 9108) provides the appropriate format; structure and content are explained in Sub-Section 512; related codes are shown in Sub-Section 553.

475.4 Materiel Management Data will be exchanged on agreed electronic media through an initial shipment of a full file replacement of KFF (Segment H) packages related to all NSNs for which the destination country/NSPA is registered as a user, followed by periodic or continuous shipment of additional data by agreed electronic media.

475.4.1 For periodic updating effective 1 March, June, September and December the shipment will consist of:

(a) KFF item oriented packages composed of all Segments H existing under just those NSNs which have been subjected to any type of updating action since the last shipment;

(b) KFF item oriented packages composed of all Segments H existing under those NSNs for which:

- either, the country has requested user registration by means of LAU/KAT or LSA/KAT transactions, since the last shipment;

- or, automatic user registration has been generated by a LKD/KKD transaction, followed by a KAT shipment since the last shipment.

NOTE : In the case of newly assigned NSNs for which a national user does not exist, no KFF (Segment H) will be furnished.

475.4.2 Continuous updating will be carried out in accordance with the requirements of the national users concerned.

475.5 Countries/NSPA capable of issue and receipt of Segment H data including preferred updates are shown in "Segment Availability/Requirement Table" (CodSP-21).

Sub-Section 476 - Assignment of a Major Organizational Entity Code -MOE Code-

476.1 Definition

The MOE Code -DRN 2833- is mainly used in ADP to indicate for input transactions in accordance with its position:

- the submitter of a transaction - DRN 3720 -;
- the Reference Number Action Activity - DRN 2900 -;
- the Destination Activity to which the transaction is to be dispatched - DRN 3880 -
- the activity being registered as a user of the item identification in the first two positions of the MOE Rule Number - DRN 8290 -

This code may also be used to indicate the originator -DRN 4210- of a transaction if this is an activity authorized to do so.

476.2 Code structure

A two digit alphabetic code, the first character of which is **Z, Y, W or V**.

476.3 Assignment

MOE Codes for new NATO members and countries authorised to participate in the NATO Codification System by AC/135, will be assigned by the AC/135 secretariat, after consultation with DLA Logistics Information Service.

NSPA has been assigned a code in order to act as sole input activity for all NATO Agencies.

Requests for code assignment must contain justification for request and explanation of expected operational conditions.

Codes for national activities must be structured in a different way than stated in paragraph 476.2 and are assigned by each NCB. Several national MOE codes can be seen at Chapter V, Sub-Section 553, Table 18.

476.4 Publication of Codes

Codes assigned for NATO or Tier 2 sponsored countries and NSPA for national and international use are listed in Sub-Section 553, Table 18.

Codes assigned to all countries for international use in NADEX are listed in CodSP-3.

Sub-Section 477 - Procedure for Codes for Non-Sponsored Countries

477.1 The assignment of codes for non-NATO countries does not require approval by the Group of National Directors.

477.2 AC/135 Secretariat in coordination with DLA Logistics Information Service, will assign the remainder of the V, W ,Y and Z block of MOE Rule codes,

477.3 AC/135 Secretariat will ensure that their records are complete and up to date for all codes and code blocks assigned.

477.4 AC/135 Secretariat will provide new codes or code blocks to NATO and sponsored countries on their request.

477.5 AC/135 Secretariat will return requests for codes, or requests for information, from non-sponsored countries to the originators advising them to direct their request to an NCB of a NATO or sponsored country.

477.6 A NATO or sponsored country wishing to obtain codes for a non-NATO country will inform the AC/135 Secretariat of the requirement for codes in the unassigned code blocks and that they should be reserved.

477.7 The NATO or sponsored country concerned will advise the AC/135 Secretariat as soon as it has assigned the reserved codes to the non-NATO country in question and the AC/135 Secretariat will at the same time provide the information to all other NATO and sponsored countries wishing to obtain this information.

Section 480 - Maintenance of NATO Codification System Processes

Sub-Section 481 - NATO Codification System Change

481.1 Introduction

In order to upgrade the NCS, National Codification Bureaux of NATO countries, National Codification Bureaux of Sponsored countries and NSPA can propose adjustments to the NATO Codification System (NCS) policy and/or procedures published in this manual, including the addition of data elements and adjustments relative to ADP formats.

481.2 Presentation of a NCS change proposal

Based on the foreseeable impact on ADP systems a NATO country / Sponsored country / NSPA requesting a change to the NCS will prepare a NATO Codification System Change Request (NCSCR) by using NATO Form AC/135-No 3A in accordance with sub-paragraph 481.9.2 and attach a draft page change in ACodP-1 format in case the change affects the ADP system.

481.3 NCS change for a Tier 1 sponsored country and International Organizations

A Tier 1 sponsored country or international organization will forward the principles of its proposal to NATO, Tier 2 sponsored countries, and NSPA.

After review of this initial draft, countries/NSPA will give their views to the chairman Panel A and to all Panel members.

If all the opinions put forward concur, the chairman Panel A will appoint a country/NSPA in charge of the NCS change: otherwise the proposal will be added to the agenda of the next Panel A meeting.

The country/NSPA in charge of the NCS change will inform and consult with the Tier 1 sponsored country that initiated the proposal.

481.4 The NCS change proposal (NATO Form AC/135-No 3) including the appropriate attachment(s) will be posted on the Panel A Agenda of NABS.

481.4.1 The Chairman of Panel A will place it on the agenda of the meeting scheduled for a date at least 60 days later than the initiation date of the NCSCR if in Block 4 priority "ROUTINE" is indicated. If priority "URGENT" is indicated, the NCSCR shall appear on the agenda of the meeting immediately following the initiation date indicated in Block 2 of the form. All "non-ADP" proposals will be processed according to the ROUTINE procedure.

481.5 National Codification Bureaux of NATO and Tier 2 sponsored nations and NSPA will send their concurrence/non-concurrence/ comments by using NATO Form AC/135-No 3B in accordance with sub-paragraph 481.9.3 within 60 days from the initiation date of the NCS change proposal. No reply by the due date will be considered as an indication of approval.

481.6 Consolidation of a NCS change proposal

The initiating NATO or Tier 2 sponsored country/NSPA will consolidate all views and present the recommendations to AC/135 Panel A at its next meeting for action as follows:

481.6.1 If all collaborating parties concur with the suggested change the Panel will not need to discuss the proposal; it will:

- determine a final common implementation date and/or create a CodSP implementation plan table for the change.

  This table is created in case of impact on ADP systems. Then countries are invited to put information about the projected date of implementation of this NCS change in their national systems.

- seek approval for the agreed change from the AC/135 Group of Directors if required, and

- invite NSPA, after acceptance through the silence procedure, to include the approved change(s) in the next corrigendum of ACodP-1.

481.6.2 If concurrence has not been reached by correspondence, and the change is still required the initiator will advocate the subject at the meeting for consideration by the Panel.

481.6.3 If no agreement can be reached by Panel A, it will be referred to AC/135 Group of Directors for final resolution.

481.7 If an NCS change proposal results in a general non-concurrence after discussions by AC/135 Group of Directors the change proposal is cancelled.

481.8 Application of NATO Form AC/135-No 3

481.8.1 The form consists of two separate parts linked to each other by the control number appearing on each part.

- Part A (NATO Form AC/135-No 3A) is the actual requesting part to be used by the initiator;

- Part B (NATO Form AC/135-No 3B) is the responding part to be used by the recipients of a request.

481.8.2 In case the volume of the text intended for inclusion in a block of part A or part B would extend the space provided, the text should continue on the next page.

481.9 NATO Form AC/135-No 3, Part A and B "NATO CODIFICATION SYSTEM CHANGE REQUEST"

481.9.1 Instructions for the completion of NATO Form AC/135-No 3, Part A and B

481.9.2 **Part A - NCSCR DETAILS**

Information to be entered by the initiator of an NCSCR.

Block	Instructions
1	Insert your "3-letter" Country Code according to ISO 3166-1 and as listed in CodSP-3. (see Note*)
2	Insert your reference and date for control purposes.
3	Receivers of the report are: - all members of AC/135 Panel A; - AC/135 Secretary.
4	Checkmark the appropriate box. If "Urgent" is checkmarked collaboration process should be completed prior to the next Panel A meeting.
5	Initiator's estimation of a reasonable implementation date.
6	Control number consisting of MOE Code, the current Julian date, and serial number (e.g. ZG0703101); Revision number in case it is a second or later issue (e.g. ZG070310**01**).
7	The title of the requested change identifying the subject of the NCSCR.
8	Background and reasons for proposing the change.
9	Detailed description of proposed change with indication of the area(s) of ACodP-1 that will be affected. Replacement pages should be attached whenever possible; the number of pages should be indicated in block 12.
10	Justification for selecting urgent priority.
11	Benefits provided by proposed NCSCR.
12	Indication of number of enclosures as applicable.
13	Signature of the official responsible for the completion of the NCSCR.

* Note: NSPA having no NATO code, will be referred to as "NSPA"

481.9.3 **Part B - COLLABORATION COMMENTS**

Information to be entered by the recipient of Part A.

Block	Instructions
1	Insert your "3-letter" Country Code according to ISO 3166-1 and as listed in CodSP-3. (see Note*)
2	Insert your reference and date for control purposes.
3	Receivers of the report are: - all members of AC/135 Panel A; - AC/135 Secretary.
4	Priority category from Part A.
5	Proposed implementation date from Part A.
6	Control number from Part A.
7	Title of the requested change from Part A.
8	Checkmark the appropriate box.
9	Comments and/or recommendations supporting the decision as appropriate.
10	Indication of number of enclosures as applicable.
11	Signature of the official responsible for the concurrence/non-concurrence.

* Note: NSPA having no NATO code, will be referred to as "NSPA"

NATO CODIFICATION SYSTEM - SYSTÈME OTAN DE CODIFICATION

NATO CODIFICATION SYSTEM CHANGE REQUEST (NCSCR) /
DEMANDE DE MODIFICATION DU SYSTÈME DE CODIFICATION OTAN (DMSCO)

PART A - NCSCR DETAILS **PARTIE A - EXPOSÉ DE LA DMSCO**

1 FROM / DE	2 REFERENCE / RÉFÉRENCE , DATE	3 TO / POUR
		ALL MEMBERS OF AC/135 PANEL A AC/135 SECRETARY

4 PRIORITY / PRIORITÉ	5 PROPOSED IMPLEMENTATION DATE / PROPOSITION DE DATE DE MISE EN SERVICE
☐ ROUTINE ☐ URGENT	

6 CONTROL NUMBER / NUMÉRO DE CONTRÔLE

MOE CODE / CODE ORG		JULIAN DATE / DATE JULIENNE					SERIAL No. / N° SÉRIE		**REVISION No. / N° DE RÉVISION**	

7 TITLE / TITRE

8 BACKGROUND - FACTS BEARING ON THE PROPOSAL(S) / ANTÉCÉDENTS - FAITS RELATIFS À LA (AUX) PROPOSITION(S)

9 RECOMMENDED DESCRIPTION OF CHANGE(S) / DESCRIPTION DE LA (DES) MODIFICATION(S)

10 JUSTIFICATION FOR EXPEDITE AND EMERGENCY PRIORITY / JUSTIFICATION POUR LA PRIORITÉ URGENTE

11 BENEFITS / AVANTAGES

12 ENCLOSURES / PIÈCES JOINTES	13 SIGNATURE

NATO FORM AC/135-No 3A **(03.01)** **FORMULAIRE OTAN AC/135-N° 3A**

NATO CODIFICATION SYSTEM - SYSTÈME OTAN DE CODIFICATION

NATO CODIFICATION SYSTEM CHANGE REQUEST (NCSCR) /
DEMANDE DE MODIFICATION DU SYSTEME DE CODIFICATION OTAN (DMSCO)

PART B - COLLABORATION COMMENTS **PARTIE B - OBSERVATIONS DE L'ORGANISME PARTICIPANT**

1 FROM / DE	2 REFERENCE / RÉFÉRENCE , DATE	3 TO / POUR
		ALL MEMBERS OF AC/135 PANEL A AC/135 SECRETARY

4 PRIORITY / PRIORITÉ	5 PROPOSED IMPLEMENTATION DATE / PROPOSITION DE DATE DE MISE EN SERVICE
☐ ROUTINE ☐ URGENT	

6 CONTROL NUMBER / NUMÉRO DE CONTRÔLE

MOE CODE / CODE ORG		JULIAN DATE / DATE JULIENNE					SERIAL No. / N° SÉRIE		**REVISION No. / N° DE RÉVISION**	

7 TITLE / TITRE

8 DECISION / DÉCISION

- ☐ CONCUR WITHOUT COMMENT / ACCORD SANS COMMENTAIRE
- ☐ CONCUR WITH COMMENT-RECOMMENDATION / ACCORD AVEC COMMENTAIRE-RECOMMANDATION
- ☐ NON-CONCUR WITHOUT COMMENT-RECOMMENDATION / DÉSACCORD SANS COMMENTAIRE-RECOMMANDATION
- ☐ NON-CONCUR WITH COMMENT-RECOMMENDATION / DÉSACCORD AVEC COMMENTAIRE-RECOMMANDATION

9 COMMENT-RECOMMENDATION(S) / COMMENTAIRE-RECOMMANDATION(S)

10 ENCLOSURES / PIÈCES JOINTES	11 SIGNATURE

NATO FORM AC/135-No 3B **(04.07)** **FORMULAIRE OTAN AC/135-N° 3B**

Sub-Section 482 - Problem Reporting System

482.1 General responsibilities

This procedure is to be used by all National Codification Bureaux (NCBs) and NSPA in reporting processing difficulties concerning specific transactions submitted to establish, maintain, or interrogate/search Total Item Record (TIR) data.

Included are the actions to be taken by the receiving NCBs/NSPA.

482.2 Responsibilities of the reporting NCB/NSPA

All AC/135 processing difficulties and problems will be documented on NATO Form AC/135-No 4A, Problem Report.

Problem Reports should, in the first instance, only be forwarded to the codifying NCB where the apparent problem lies. Information copies may be sent to other NCBs at the discretion of the country raising the problem report.

In the event that a problem cannot be resolved between the submitting and replying NCB or it is found that the problem affects other NCBs, the submitting NCB shall copy the Problem Report to all NCBs and request that the Secretary AC/135 Panel A adds the Problem Report to the Agenda of the next meeting.

a. Delays and inaccurate transaction processing, deficiencies in procedures which govern the preparation of new/revised codification data, and any aspect of the processing system which is at variance with the appropriate ACodP-1 rules will be subject to report.

   The following types of problems are reportable in accordance with the time frames established in paragraph 482.3:

   (1) Loss/non-receipt of processing notifications, including applicable file maintenance data. Includes misrouted data.

   (2) Erroneous, garbled, or incomplete data transmission.

   (3) Processing results which indicate misapplication of established system edit/ validation criteria. Includes erroneous output DIC or Return Code.

   (4) TIR data conflict whereby valid transaction processing cannot be accomplished.

b. The following problem information will be furnished by the NCB/NSPA reporting the problem:

   (1) **Problem Control Number.** This nine-position number, structured as indicated below, will be perpetuated through the life of the problem.

   The Problem Control Number and related problem information will be recorded and maintained in a Problem Control Log/File.

   (a) The first two positions will identify the reporting NCB/NSPA by its NATO Code for NCB;

   (b) The next five positions will identify the Julian date when the problem was reported: e.g. 07060;

(c) The last two positions will be a non-significant Problem Sequence Number: e.g. 01, 02.

(d) Problems are to be reported as soon as possible after recognition.

(2) **Problem Priority Classification.** One of the following classifications will be indicated:

(a) **Major** - Problem is of such magnitude that major impact on mission accomplishment is imminent. Problem is in the context of a possible major system malfunction whereby a total or partial system processing abort may be required; i.e. total or partial shutdown of a country's ADP system. Major Problems should be reported as soon as possible when they are detected (via telefax or E-mail message, if practicable);

(b) **Critical** - Problem is primarily transaction oriented and involves a priority transaction: e.g. DIC LSA.

Problem is in the context of excessive processing delay or erroneous processing/output, and has impacted or could impact the effectiveness of mission accomplishment.

May report a limited sporadic program processing error or delay, or the need for procedural correction / clarification. Procedural correction / clarification and the like should be reported at earliest convenience.

(c) **Routine** - Problem is in the context of minor discrepancy and indicates relatively little impact on mission accomplishment.

May report a limited sporadic program processing error or delay, or the need for procedural correction / clarification. Procedural correction / clarification and the like should be reported at earliest convenience.

(3) **DRN(s).** This information is optional and will be reported as the problem description dictates.

(4) **Input/Output Document Identifier Code(s)** will be reported, as required, based on the problem description.

(5) **NIIN(s).** This information is optional and will be reported as the problem description dictates.

(6) **Data communication Station Serial Number(s)**, date/time group, and Communication Routing Identifier are mandatory for problems relating to transmission deficiencies which may require data research/recovery through the telecommunication system.

(7) **Transaction Document Control Number(s).** This information identifies specific transaction(s) involved with the reported problem. Selected control numbers may be cited when a range of transactions is involved.

This information is to be reported when available.

(8) **Date Transactions Transmitted** will be reported, as required, to aid in transaction tracking, pinpointing problem time frame etc.

(9) **Problem Description.** An accurate and complete description of the problem will be reported.

Supporting data, such as computer listings of input/output transaction data which are pertinent to the problem, will be included as deemed necessary.

482.3 Responsibilities of the receiving authority

a. Major problems will receive high priority over any other lesser graded in-process problem.

Major problems will be acted upon as follows:

(1) Action criteria. Immediate action will be taken to define the scope of the problem in terms of impact on the reporting NCB/NSPA;

(2) Status of progress (final or interim) will be released to all affected NCBs/NSPA within 10 working days following receipt of the problem report by the receiving NCB.

Status may be given by wire or copy of problem report properly annotated.

b. Critical problems will be given priority and will be acted upon immediately but subject to constraints imposed by in-process major problems.

(1) The same action criteria specified for major will be applied to critical problems.

(2) A maximum problem response time of 20 working days will apply.

c. Routine problems will be acted upon immediately subject to possible constraints imposed by major or critical problems.

(1) The action criteria specified for major problems will apply in terms of NCB/NSPA impacts.

Co-ordination will be accomplished as required;

(2) Routine problems will be acted upon within the shortest time frame practical, not to exceed 30 working days.

d. If it is impractical for a problem to be resolved in accordance with prescribed time frames, an interim reply will be furnished within the designated time periods.

e. Problem resolutions and related actions will be fully defined and furnished to the reporting NCB/NSPA and other concerned/impacted activities.

All problem resolutions will be fully documented and forwarded to the reporting NCB/NSPA on NATO Form AC/135-No 4B.

If the resolution is unacceptable or a problem cannot be resolved, the matter may be documented and referred to Panel A resolution by the reporting NCB or NSPA.

(1) Implementation dates will be indicated when a problem requires program or procedural action.

Such in-process interim solutions will remain in an open-problem status pending implementation of the correction.

(2) Implementation dates will be provided by the NCB experiencing the problem.

However, if an implementation date appears to be inappropriate, the matter may be introduced to Panel A for consideration.

482.4 NATO Form AC/135-No 4, Part A and B "PROBLEM REPORT"

482.4.1 Instructions for the completion of NATO Form AC/135-No 4

PART A

Information to be entered by the initiator of the Problem Report.

Block	Instructions
1	Insert your "3-letter" Country Code according to ISO 3166-1 and as listed in CodSP-3. (see Note*)
2	Insert your reference and date for control purposes.
3	Insert the "3-letter" Country Code of the receiving NCB according to ISO 3166-1 and as listed in CodSP-3. (see note)
4	Checkmark the appropriate box (for classification see Sub-Section 482.2.b.2).
5	Information may be sent to other NCBs at the discretion of the country raising the Problem Report.
6	Enter Problem Control Number composed by ; - MOE Code of the reporting NCB/NSPA, - the current Julian date (e.g., 00123), and - a sequence number (e.g., 01, 02, 03, etc.).
7	Enter the DRN(s) of the data element(s) in question. (If none, enter N/A)
8	Enter the DIC(s) of the transaction(s) in question. (If none, enter N/A)
9	Enter the NIIN(s) which were in question. (If none, enter N/A)
10	Enter the telecommunications transmission message number(s) which contained the data in question. It should consist of the date/time group and station serial number. (If none, enter N/A)
11	Enter the DCN(s) of the transaction(s) in question. (If none, enter N/A)

* Note: NSPA having no NATO code, will be referred to as "NSPA"

Block	Instructions
12	Enter the date the transaction(s) were transmitted. (If none or unknown, enter N/A)
13	Enter an accurate and complete description of the problem.
14	Signature of the official responsible for the report.

PART B

Information to be entered by the recipient of Part A.

Block	Instructions
1	Insert your “3-letter” Country Code according to ISO 3166-1 and as listed in CodSP-3. (see Note*)
2	Insert your reference and data for control purposes.
3	Insert the “3-letter” Country Code of the receiving NCB according to ISO 3166-1 and as listed in CodSP-3. (see note)
4	Insert the problem Control Number from Part A.
5	Information may be sent to other NCB’s at the discretion of the country raising the Problem Report.
6	Enter a description of the action taken or in process to solve the problem. If the problem has not been solved, enter an estimated completion date.
7	Signature of the official responsible for the reply.

* Note: NSPA having no NATO code, will be referred to as “NSPA”

NATO CODIFICATION SYSTEM - SYSTÈME OTAN DE CODIFICATION

PROBLEM REPORT /
RAPPORT DE PROBLÈME

PART A **PARTIE A**

1 FROM / DE	2 REFERENCE / RÉFÉRENCE , DATE	3 TO / POUR

4 PRIORITY / PRIORITÉ	5 INFO
☐ ROUTINE ☐ CRITICAL / CRITIQUE ☐ MAJOR / MAJEURE	

6 PROBLEM CONTROL NUMBER / NUMÉRO DE CONTRÔLE DU PROBLÈME

MOE CODE / CODE ORG		JULIAN DATE / DATE JULIENNE					SERIAL No. / N° SÉRIE	

7 DRN / NDD	8 DIC / CO

9 NIIN / NOI	10 TRANSMISSION MESSAGE NO. / N° DU MESSAGE

11 DCN / ND	12 TRANSACTION DATE / DATE DE TRANSMISSION

13 PROBLEM DESCRIPTION / DESCRIPTION DU PROBLÈME

14 SIGNATURE

NATO FORM AC/135-No 4A **(08.01)** **FORMULAIRE OTAN AC/135-N° 4A**

NATO CODIFICATION SYSTEM - SYSTÈME OTAN DE CODIFICATION

PROBLEM REPORT /
RAPPORT DE PROBLÈME

PART B **PARTIE B**

1 FROM / DE	2 REFERENCE / RÉFÉRENCE , DATE	3 TO / POUR

4 PROBLEM CONTROL NUMBER / NUMÉRO DE CONTRÔLE DU PROBLÈME

MOE CODE / CODE ORG		JULIAN DATE / DATE JULIENNE					SERIAL No. / N° SÉRIE	

5 INFO

6 PROBLEM RESOLUTION / RÉSOLUTION DU PROBLÈME

7 SIGNATURE

NATO FORM AC/135-No 4B **(07.01)** **FORMULAIRE OTAN AC/135-N° 4B**

Section 490 - Data Exchange Procedures

Sub-Section 491 - General

491.1 In conjunction with the procedure laid down in Sub-Section 421, the following regulations shall be applied when requesting codification information from another NATO or Tier 2 sponsored country by means of agreed electronic media.

491.2 Details

491.2.1 The data segments given in Sub-Section 512 are to be used.

491.2.2 The input Document Identifier Codes (DIC) given in Sub-Section 522 are to be used.

491.2.3 Additional input DICs may be used subject to bilateral agreement.

491.2.4 The output DICs given in Sub-Section 523 are to be used.

491.2.5 The formats for each input and output DIC are given in Sub-Sections 532 and 533. For controls on transactions see Chapter V, Sub-Section 562.

491.2.6 For modification of reference numbers see ANNEX A

Sub-Section 492 - Formats for Data Exchange

492.1 The NATO standard formats for the exchange of codification data by ADP means are segments as detailed in Chapter V.

Sub-Section 493 - Data Communication Procedure

493.1 General

493.1.1 The purpose of the NATO Mailbox System (NMBS) is to shorten processing for codification services between NCBs.

493.2 Mailbox System

493.2.1 As agreed by AC/135 Group of National Directors on Codification NSPA has been appointed as a central routing point for various teletransmissions of codification data between the subscribers of the NATO Mailbox System - NMBS -.

493.2.2 This system provides for:

- a central hardware/software platform with various predefined connectivity options for the subscribers;
- the handling of various protocol conversions.

493.2.3 Despatching activities will deliver their data to the NMBS observing the rules depicted in this Sub-Section and in the appropriate Mailbox Notifications -MBSNs -. NSPA will perform a transmission control for all transmissions included in the NMBS and store the data in the particular "electronic boxes" for calling off by the destining activities at agreed intervals.

493.2.4 The Mailbox is regarded as a common transit station serving NATO Codification data. Any problems or questions regarding the content of messages should be addressed directly by the originator and receiver of the transmitted data.

493.2.5 Subscribers of the NMBS can be:

- The NCBs / and NSPA;
- AC/135 sponsored countries.

Under certain conditions other activities may subscribe to the NMBS.

For details see AC/135 CodSP-23.

493.2.6 The NMBS does not preclude use of data communications between those countries who already have established lines. NCBs who prefer direct contact with individual partners must accept to receive transmission from other subscribers via the NMBS.

493.3 Bilateral agreements

For the time being exchange of codification data by use of any Data communication System other than NMBS is to be accomplished on the basis of bilateral agreements. Formats and layouts, however, should be applied as determined in Chapter V, Sub-Section 513 and described below.

493.4 Data Exchange

493.4.1 Definitions

- File: all what is sent by one originator through NMBS to NSPA during one teletransmission session, regardless whether there is one or more end-user involved.
- Transmission: a part of a File (or a complete File) intended for one end-user and terminated by a Telecommunication Data Transmission Control Message; it can contain several messages.
- Message: a part of a transmission starting with a TC Header and terminated by a standard END-OF-MESSAGE Format - EOM Format - and containing maximum 9,999 records (TC Header and EOM Format included).

493.4.2 **General Format**

493.4.2.1 Data exchange is based on the sending of "transmissions". Each "transmission" should have the following structure:

a. one or more "messages" containing:
   - a Standard Telecommunication Header - TC Header - (see paragraph 513.1);
   - The content: data in accordance with the standard formats used for international transactions (see Chapter V);
   - a standard END-OF-MESSAGE Format - EOM Format - (see paragraph 513.3) which will always be the final record;

b. a Telecommunication Data Transmission Control message (see Sub-Section 534 for format and content).

493.4.2.2 The construction of a transmission is subject to the following rules:

a. the number of messages in a transmission is unlimited;

b. a message cannot contain more than 9,999 records (TC Header and EOM format included). Its content will therefore be interrupted after the 9,998th record and the message will finish with the EOM Format record (the 9,999th record). If a message over 9,999 records must be transmitted, refer to CodSP-25 for the preferred alternate media other than NMBS;

c. any additional message(s) will also start with the TC Header and terminate with an EOM record;

d. L-DIC and K-DIC transactions built up with 2 or more NADEX records can be split between 2 consecutive messages: the first part of the transaction is included at the end of the first message and the second and remaining part will start at the beginning of the following message;

e. the limitation to 9,999 records per message is to be respected throughout the whole transmission;

f. the last message is always a Telecommunication Data Transmission Control message structured as each other message:

- TC Header;
- Segment D with DIC KWA as content (see Sub-Section 534) reflecting all Station Serial Numbers contained in the particular transmission;
- Standard EOM Format;

g. each message, part of a transmission, is identified by its Station Serial Number - SSN - (DRN 0754).

493.4.2.3 Standard End-of-Message - EOM - Format

This format line follows the data portion and is the final record of each message. The EOM consists of a repeat of all header information (except addressee), notifies the actual record count of the message and terminates the message with the end-of-message signal (EOM SIGNAL) (see paragraph 513.3 and Sub-Section 534).

493.4.3 Routing of transmissions

Originator and addressee of a transmission will be identified by Communication Routing Identifiers (COMM-RI) especially assigned for MBS Operation by NSPA and published in AC/135 CodSP-23.

493.5 Data Transmission Control

Data Transmission Control is accomplished at two levels:

- by the NMBS operator at NSPA
- by the addressee

493.5.1 Data Transmission Control by the MBS operator at NSPA

493.5.1.1 Each transmission arriving at NSPA MBS is validated. Two situations can occur:

- Positive result: the transmission is accepted and a KWF transmission to the originator is created;
- Negative result: when possible a correction is made at NSPA, if not, no KWF transmission is created.

493.5.1.2 A KWF transmission is structured as follows:

- a Standard Telecommunication Header - TC Header - (see paragraph 513.1);
- a Segment D with DIC KWF containing exactly the information contained in the KWA message generated by the originator of the related transmission (see Sub-Section 534 for format and content):
- a Standard EOM Format (see sub-paragraph 493.4.2.3).

493.5.2 Data Transmission Control by the addressee

493.5.2.1 This control is accomplished on the basis of the Telecommunication Data Transmission Message Control message (see 493.4.2.2.e) which enables the receiver to verify receipt of total data quantity.

493.5.2.2 Station Serial Numbers - SSN - (DRN 0754) must sequentially be assigned to each message destined to a given addressee through a strict unitary incrementation of number using numbers 0001 to 9999 included. When the number 9999 is reached, the following message will be 0001 (the return to the number 0001 after a number different from 9999 should not be envisaged).

A series of SSNs is to be foreseen for each addressee.

493.5.2.3 Incomplete or missing transmissions will be reported by E-mail to the NCB Communications Centre of the originating country/agency or by using the NCB to NCB Narrative Message format as described in MBSN-03, paragraph 7.3.

Upon receipt of a retransmission request the transmissions involved will be retransmitted in original form immediately. Each originator of transmissions must assure that data forwarded by MBS can be retransmitted within a period of 30 days from the original date of transmittal.

493.6 Operating Regulations

493.6.1 The frequency of transmissions should be dependent on the individual situation of each country whereby the country producing transactions for another country (K-DIC or L-DIC) will transmit at each occurrence independent from the processing cycles of the receiving country.

493.6.2 A shipment number is not necessary in view of the controllability provided by both DIC KWA and the sequentially assigned SSNs.

493.6.3 Special Notes related to Operation of the NMBS

a. Technical problems related to the operation of the NMBS are to be cleared between the country having the problem and NSPA, Automation Support Division (AO), Technical Officer (see MBSN-06);

b. Procedural problems related to the operation of the NMBS are to be referred to NSPA - Codification Support Section (LB);

c. Procedural Problems related to the applicability of the established telecommunication rules are to be referred to Panel A;

d. A country technically ready to use the NMBS should not begin data exchange before it is assured that NSPA has informed all countries.

493.7 Data Communication Tables

Refer to the following tables in the AC/135 CodSP for detailed information regarding electronic data transfer:

CodSP-23	COMMUNICATION ROUTING IDENTIFIER (COMM-RI) & CONNECTIVITY

493.8 Sample of a Transmission

```
RCCUIHFG RUQAEWK0073 3271104 MTMS-UUUU--RUQAJNR.
KMDA014X4ZK053223QA00730535330995443392  LMD WU
KCDA024X4ZK053223QA007305353309954433922R4820 M#4765 5#
KARA034X4ZK053223QA00730535330995443392C 1 5 2 4 ZK D U7689N030                1
KTDA044X4ZK053223QA00730535330995443392AA032A004522GASKET              M5A91115
KTDA054X4ZK053223QA00730535330995443392V NAMED04522#SFTTDZNA000$$DPSA000#AAGRLF-
KTDA064X4ZK053223QA00730535330995443392V 61#ADVMJLA4.01#ADWFJLB3.25$$JLC3.51#ST-
KTDA074X4ZK053223QA00730535330995443392V YLLB32#ABKVJLB36.75$$JLC37.01#ABVLJLB3-
KTDA084X4ZK053223QA00730535330995443392V 3.76$$JLC34.02#ADUVJLB1.37$$JLC1.63#AD-
KTDA094X4ZK053223QA00730535330995443392V VAJLB42.80$$JLC42.93#FEATG780 BAR MIN -
KTDA104X4ZK053223QA00730535330995443392V BURST PRESSURE;RUBBER,DOWTY SEALS LTD,-
KTDA114X4ZK053223QA00730535330995443392V 4490,STEEL#ABJHJCM40.0$$JC100.0#PRPY2A-
KTDZ124X4ZK053223QA00730535330995443392V AAPACS##
RCCUIHFG RUQAEWK0073 3271104 0014-UUUU                                      NNNN
RCCUZYVW RUQAEWK0074 3271104 MTMS-UUUU--RUQAJNR.
KWAZ01 ZKWU053270000001D00730074                                           0002
RCCUZYVW RUQAEWK0074 3271104 0003-UUUU                                      NNNN
```

ANNEXES

ANNEX A - NATO Formatting of Reference Numbers for International Transactions

1. Reference number in international transactions (for stock number assignment, search by reference number additions to existing items, and revisions to recorded references) will be submitted as originally configured by the manufacturer, design control activity or supplier, whenever it is made of characters included in the NATO character sub-set (see Sub-Section 553, Table 21) and not otherwise covered by the exceptions of this document. In this case, this totally "in-the-clear" reference number will receive the Reference Number Format Code (RNFC) 4.

1.1 When a word appears as part of the reference number, enter the complete word (and space(s)) as it appears in the original configuration and language, e.g.

A	B	1	2	3		-		I	T	E	M		2	,	4	,	6	,	9												
A	B	1	2	3		-		D	E	T	A	I	L		4	,	6	,	9												
A	B	1	2	3		-		P	I	E	C	E		4	,	6	,	9													
A	B	1	2	3		-		A	S	S	E	M	B	L	Y		6														
A	B	1	2	3	-	1		A	N	D		A	B	1	2	3	-	3		A	N	D		A	B	1	2	3	7		

1.2 When submitting a reference number which utilises parentheses without enclosed data the parentheses are to be input.

<u>Reference Number</u>

R	D	-	3	1		(		)	/	U																					
A	N	/	G	R	C	-	5	(		)																					
A	M	-	6		(		)	G	R	C	-	5																			

<u>Correct Modification</u>

R	D	-	3	1		(		)	/	U																					
A	N	/	G	R	C	-	5	(		)																					
A	M	-	6		(		)	G	R	C	-	5																			

2. When the reference number does not meet with the above requirement, it will be modified according to the rules given in paragraph 2.1 and 2.2 below.

2.1 Conversion of scripts into EBCDIC characters.

References in NCS are stored using EBCDIC characters included in Chapter V, Table 21. Some references, identified by the manufacturer, use characters from other languages and character sets, which are not included in the EBCDIC character set. To be readable in the NCS, these characters are transliterated according to national rules or international conventions. If a reference in NCS has been transliterated it is assigned the Reference Number Format Code (RNFC) 5.

2.2 The aim of the rules edited below is to homogenize and rationalize the reference numbers recorded under the NSNs. The implementation of these rules on reference numbers implies then the use of Reference Number Format Code (RNFC) 1.

To distinguish between the letter O and the numeric 0, the numeric 0s are shown as “Ø” in this document.

2.2.1 When a reference number contains a character or symbol which is not included in the NATO character sub-set, the character or symbol concerned will be replaced by a dash (-) or, if it is one of those listed below, it will be changed as indicated before the number is subjected to the remaining provisions of this document.

±	(Plus or Minus)	Change to	+/-	
°	(Degree)	Change to	DEG	
½	(Fractions)	Change to	1/2	
a etc.	(Lower case)	Change to	A etc.	(Upper case)
[ ]	(Square bracket)	Change to	( )	(Round bracket)

Reference Number	Correct Modification
5°±2°	5DEG+/-2DEG
A[B]½°	A(B)1/2DEG
AB\D	AB-D

2.2.2 Omit “kind of number” indicators or derivatives which prefix or suffix the reference number, such as CATALOG, CAT; PART, PT, P/N, PT NO., PT#, P-N; NUMBER, NO.; DRAWING, DWG; etc.

Reference Number

D	W	G		E	-	C	1	2	3																					
M	O	D	E	L		B	C	A	/	1	2	3																		
P	A	R	T		2	2	3	3	#																					
C	A	T	A	L	O	G		N	O	.		2	3	X	4	1														
1	9	4	2		D	W	G																							

Correct Modification

E	-	C	1	2	3																									
B	C	A	/	1	2	3																								
2	2	3	3	#																										
2	3	X	4	1																										
1	9	4	2																											

2.2.3 In international transactions, reference numbers are limited in length to 32 characters. When a reference exceeds 32 characters, the first 31 characters will be entered with a dash as the 32nd character.

Reference Number

A	B	1	2	3	-	I	T	E	M	2	,	4	,	6	,	9	,	1	3	,	1	4	,	1	6	,	1	7	,	1	9	,	2	Ø

Correct Modification

A	B	1	2	3	-	I	T	E	M	2	,	4	,	6	,	9	,	1	3	,	1	4	,	1	6	,	1	7	,	1	-			

2.2.4 Use spaces where applicable. A space will be one character in width. No more than one space in direct sequence will be allowed and a reference number cannot start with a space in the first position. Use an oblique stroke (/) in the representation of a fraction. Insert a single space between the converted expression of the fraction and the preceding and following numeric characters.

Reference Number

1	2	-	B	½		1	6	¼																						
1	2	3	½	6	2																									
2	3	4	6	-	¼																									
1	2	-	B	½	C	6	¼																							

Correct Modification

1	2	-	B	1	/	2		1	6		1	/	4																	
1	2	3		1	/	2		6	2																					
2	3	4	6	-	1	/	4																							
1	2	-	B	1	/	2	C	6		1	/	4																		

2.2.5 Where the symbol for degrees is used to indicate temperature nor angle values, replace this symbol with the abbreviation DEG.

Reference Number

6		B	R	A	C	K	E	T		9	Ø	°																	
1	Ø	Ø	±		5	°	C																						

Correct Modification

6		B	R	A	C	K	E	T		9	Ø	D	E	G															
1	Ø	Ø	+	/	-		5	D	E	G	C																		

2.2.6 The following techniques will be used when a single item identifying part or drawing number does not exist, and it is necessary to fabricate a single reference number from several prime part or drawing numbers or is it necessary to include item identifying text in the reference number :

(a) The word NUMBER, and the abbreviation NO. for number, when they are included in the original item identifying data, will be omitted.

Reference Number

2	Ø	2		S	F		N	O	.		5		F	I	T														
7	/	1	6		B	A	L	L		G	R	A	D	E		N	U	M	B	E	R		1						
3	4	B	X	4		N	O		I	N	N	E	R		R	A	C	E											

Correct Modification

2	Ø	2		S	F		5		F	I	T																		
7	/	1	6		B	A	L	L		G	R	A	D	E		1													
3	4	B	X	4		N	O		I	N	N	E	R		R	A	C	E											

(b) Any of the qualifying words PIECE, ITEM, DETAIL, FIGURE, PART, ASSEMBLY, SUB-ASSEMBLY, PATTERN, SKETCH, REVISION, ALTERATION, AMENDMENT, PARAGRAPH, SECTION, or GROUP (or their equivalents in the language of the county of origin) may follow a drawing number, separated from the drawing number by a space. The qualifying word itself, when used, will be followed by a space then the number and /or letters applicable to the qualifying word.

(c) Multiple qualifying numbers/letters can be repeated by showing the qualifying word followed by the qualifying number/letters separated by commas.

(d) Numbers which are in a sequence of more than two should be indicated by showing the first and last number of the sequence separated by the word TO (or its equivalent in the language of the country of origin). The word TO (or its equivalent) will mean “to and including” and will always be preceded and followed by a space.

(e) If it is necessary to show the sheet number to identify an item, use the word SHEET (or its equivalent in the language of the country of origin), followed by a space and the sheet number, after, but separated by a space from, the qualifying numbers/letters.

(f) Abbreviations will not be used in the preparation of reference records without authorisation from the NCB of the producing country.

Reference Number

4	7	6	1	Ø	D	3		D	E	T	A	I	L		N	O	.		3	,	4	,	a	n	d		5				
1	6	9	3	2		I	T	E	M		1	,	2	,	5	,	6	,	7	,	9	,	1	Ø	,	1	2				
6	1	9	Ø		A	S	S	E	M	B	L	Y		2	9		S	H	E	E	T		N	O	.		1				
P	3	8	2	1	4	6		P	i	e	c	e		A	1	2	,		M	1	9											

Correct Modification

4	7	6	1	Ø	D	3		D	E	T	A	I	L		3		T	O		5											
1	6	9	3	2		I	T	E	M		1	,	2	,	5		T	O		7	,	9	,	1	Ø	,	1	2			
6	1	9	Ø		A	S	S	E	M	B	L	Y		2	9		S	H	E	E	T		1								
P	3	8	2	1	4	6		P	I	E	C	E		A	1	2	,		M	1	9											

(g) When it is necessary for a reference to consist of two or more prime part or drawing numbers, use the word AND (or their equivalents in the language of the county of origin) between the prime numbers. Do not use the word AND between sub-numbers, such as group, piece and the like, or between prime and sub-numbers.

Reference Number

4	7	6	Ø	D	3		D	E	T	A	I	L		N	O	.		3	,	4	,	5		a	n	d		4	7	6	Ø	D	4
G	H	-	6	9	5	Ø	4	-	4	,		H	5	5	7	1	5		D	E	T	A	I	L		1	9						
M	L	-	7	2	B	6		a	n	d		M	L	-	1		F	i	g	u	r	e		6									

Correct Modification

4	7	6	Ø	D	3		D	E	T	A	I	L		3		T	O		5		A	N	D		4	7	6	Ø	D	4	
G	H	-	6	9	5	Ø	4	-	4		A	N	D		H	5	5	7	1	5		D	E	T	A	I	L		1	9	
M	L	-	7	2	B	6		A	N	D		M	L	-	1		F	I	G	U	R	E		6							

ANNEX B - Flowcharts, Displays and Other Processing Aids

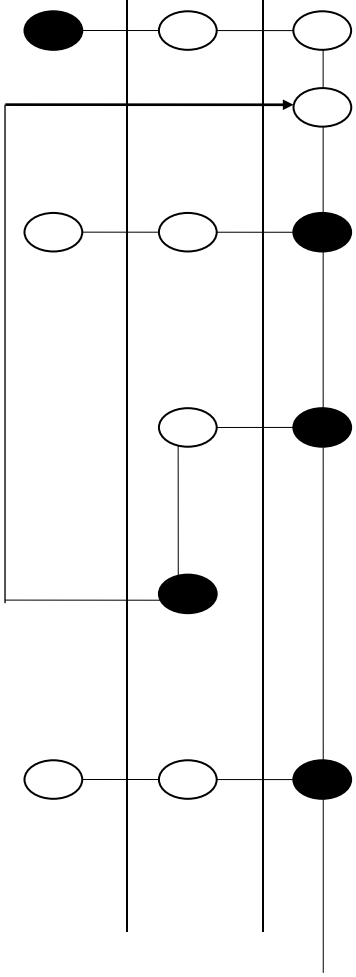
NOTE:

The following flowcharts are for guidance only and are not mandatory. They should be used in accordance with national requirements. Project teams and/or international prime contractors committed to the ASD 2000M Specification may not follow the flowcharts for codification operations. As the flowcharts 1 and 2 in ANNEX B do not exactly match the process described in S2000M, NCBs should be aware that project teams and/or prime contractors may be contractually tied to the S2000M procedure and not that described in this ANNEX B.

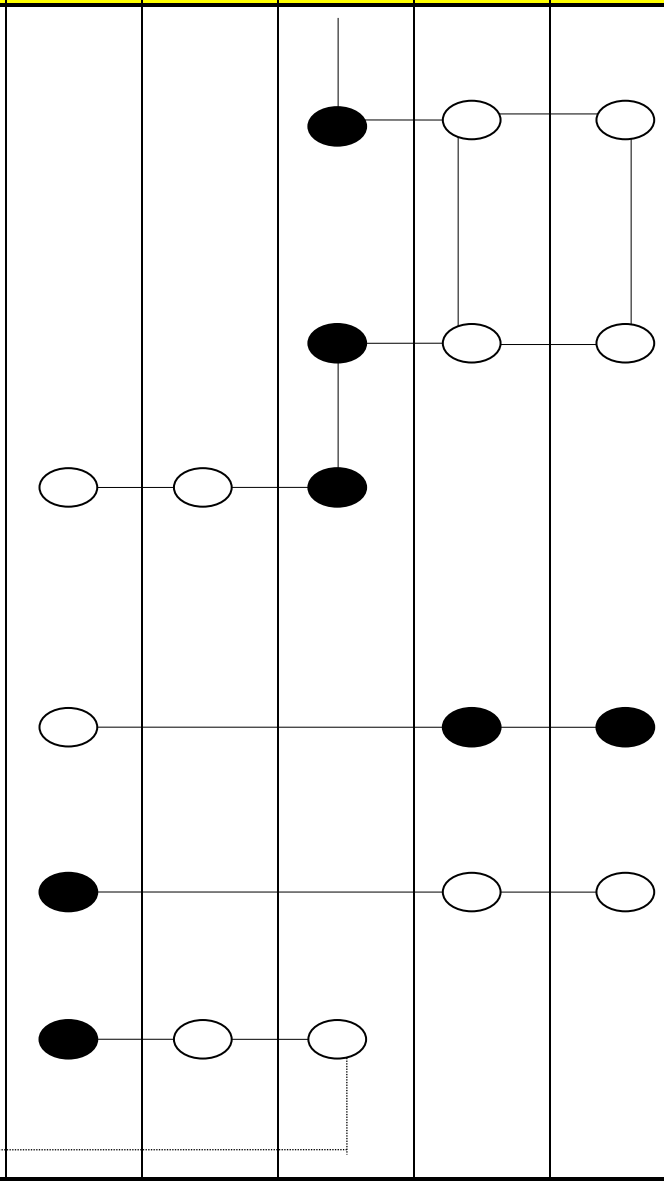
1. Codification Operations

STEP	ACTION	Procuring NATO or Tier 2 sponsored Country / Agency		Producing NATO or Tier 2 sponsored Country	Industry	
		Procuring Activity	NCB	NCB	Main Contractor	Sub-Contractor
1.1	**Contractual Arrangements**					
1.1.1	Invitation to bid to include the Codification Contract Clause specifying the action required.					
1.1.2	Acceptance of contract with Codification Contract Clause requirements detailed.					
1.1.3	The main contractor includes codification requirements in sub-contracts.					
1.1.4	Financial arrangements to cover codification tasks.					
1.2	**Information**					
1.2.1	Information to NCB of producing NATO or Tier 2 sponsored country (Initial exchange of information, NATO Form AC/135-No 1).					
1.2.2	The NCB of the producing country informs the procuring country whether the equipment is or will be codified.					

STEP	ACTION	Procuring NATO or Tier 2 sponsored Country / Agency		Producing NATO or Tier 2 sponsored Country	Industry	
		Procuring Activity	NCB	NCB	Main Contractor	Sub-Contractor
1.3	**Coordination**					
1.3.1	The participating countries in a common project or NATO project decide which country(ies) will act as the procuring country(ies) for (which part of) the codification matters.					
1.4	**Codification**					
1.4.1	The procuring activity starts LSA-actions together with NATO Form AC/135-No 7 or DIC L07 for the selected items mentioned on the Recommended Spare Parts List (RSPL) or similar documents.					
1.4.2	The recipient NCB screens the national file, returns the matching NSNs to the requesting NCB and registers the NATO or Tier 2 sponsored country / NSPA concerned as a user.					
1.4.3	The potential matched references are returned immediately to the requesting NCB/NSPA for review and decision.					
1.4.4	After decision the NCB/NSPA of the procuring country takes the appropriate action (e.g. LAU, LSA)					
1.4.5	For the references matching through association the NCB of the producing country returns the appropriate NSNs after review to the requesting NCB/NSPA and registers the NATO or Tier 2 sponsored country / NSPA concerned as a user.					



STEP	ACTION	Procuring NATO or Tier 2 sponsored Country / Agency		Producing NATO or Tier 2 sponsored Country	Industry	
		Procuring Activity	NCB	NCB	Main Contractor	Sub-Contractor
1.4.6	For the non-matching references the NCB of the producing country demands or makes demand from the main contractor or sub-contractor(s) either technical documentation or draft item identifications.					
1.4.7	The NCB of the producing country identifies or identify the items concerned, processes the item identifications and assigns NSNs.					
1.4.8	The NCB of the producing country registers the procuring country as a user and notifies the concerned NCB accordingly.					
1.5	**Follow-on support**					
1.5.1	The main contractor or sub-contractor notifies proposed engineering changes and/or modifications to the procuring activity.					
1.5.2	The procuring activity reviews the proposed changes and confirms to the main contractor or sub-contractor.					
1.5.3	The procuring activity starts LSA-actions (NATO Form AC/135-No 7 or L07 transaction).					
1.5.4	The next steps are analogous to paragraph 1.4 Codification.					



SYMBOLS :

= Action required

= Information only

2. Co-ordination of Codification by a Home NCB

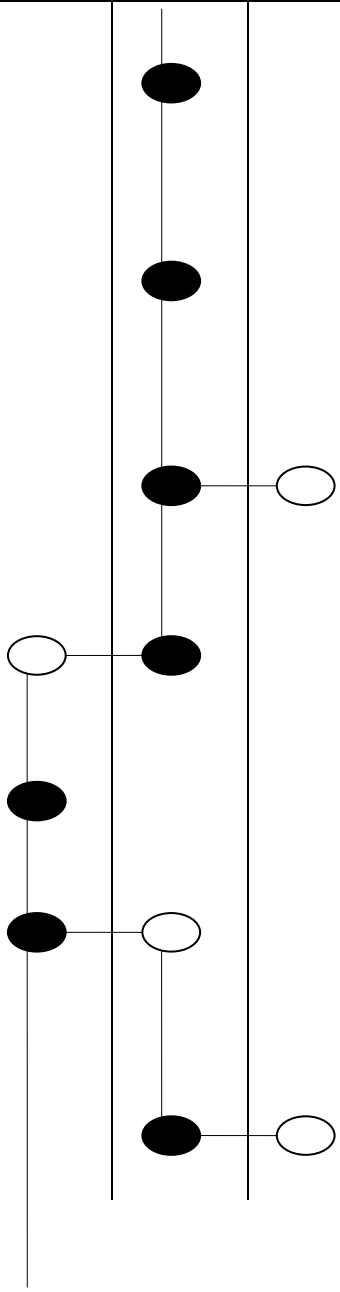
Note : A project contractor is a contractor acting on behalf of one or more activity/activities authorized to produce parts lists (indicating items of supply) or changes thereto.

STEP	ACTION	Sub-Group or Procuring Countries	Producing NATO or Tier 2 sponsored Country's NCB	Home NCB	Main Contractor	Sub-Contractor
2.1	**Pre-arrangements**					
2.1.1	Establishment of a Codification Sub-Group if required for project management.					
2.1.2	Assignment of (a) NATO Codification Project Code(s) by the AC/135 Secretariat on request by the Codification Sub-Group or the countries involved and information on assigned codes to interested countries.					
2.1.3	Installation of suspense file for projects (the structure is a national responsibility).					
2.2	**Contractual arrangements**					
2.2.1	Invitation to bid to include the Codification Contract Clause specifying the action required.					
2.2.2	Acceptance of contract with Codification Contract Clause requirements fully detailed.					
2.2.3	The project contractor includes codification requirements in sub-contracts.					
2.2.4	Financial arrangements to cover codification tasks.					
2.3	**Pre-codification guidance/information**					
2.3.1	Pre-codification conference, if necessary.					

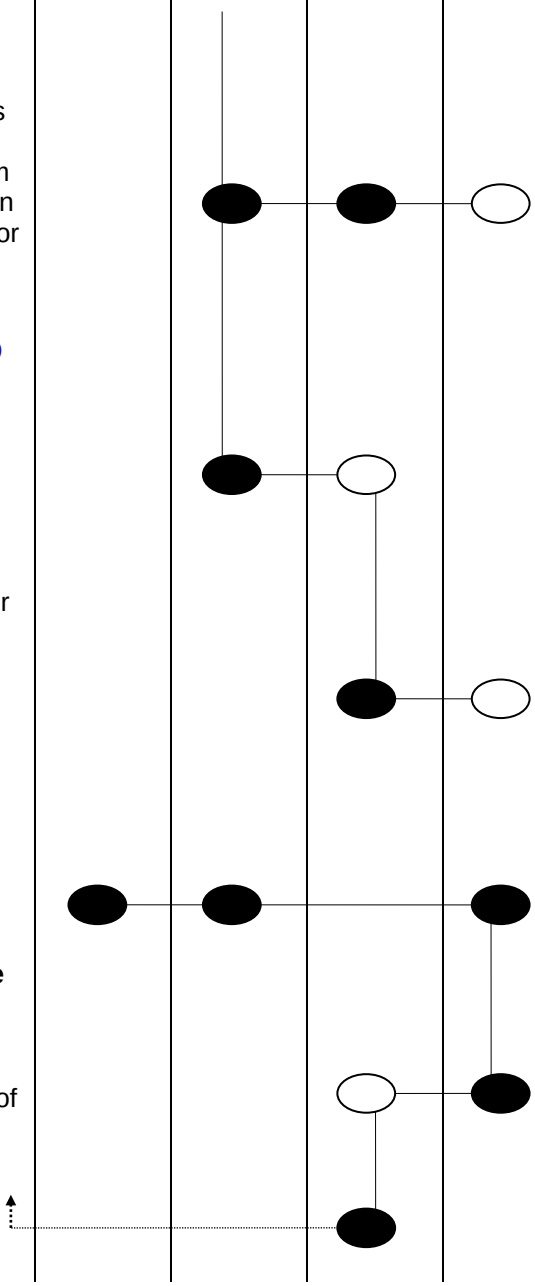
STEP	ACTION	Sub-Group or Procuring Countries	Producing NATO or Tier 2 sponsored Country's NCB	Home NCB	Main Contractor	Sub-Contractor
2.3.2	Information to NCB of producing NATO or Tier 2 sponsored country. Initial exchange of information, NATO Form AC/135-No 1.					
2.3.3	The NCB of the producing country informs whether the equipment is or will be codified.					
2.4	**Codification**					
2.4.1	The project contractor submits the parts list indicating items of supply (see Sub-Section 122) or change requests for codification in the name of the consortium countries to his Home NCB.					
2.4.2	The Home NCB screens all items of supply by NCAGE Code and reference numbers.					
2.4.3	The Home NCB registers the project contractor as authorised data receiver for all exact matches where no restriction on usage (standardisation / I&S data) is recorded, and transmits the output to him.					
2.4.4	The Home NCB transmits all potential matches of own origin together with exact matches where restrictions on usage exists to the project contractor. There the item is either identified and registration as authorised user is requested or the item must be re-transmitted for codification together with the Reference Number Justification Code (RNJC) other than blank.(*)					

(*) **Note:** The application or assignment of the RNJC by the contractor shall, be subject to final review by the respective NCB which remains the ultimate authority. Disputes regarding the applied RNJC will be resolved through discussion between the Home NCB and the project contractor.

STEP	ACTION	Sub-Group or Procuring Countries	Producing NATO or Tier 2 sponsored Country's NCB	Home NCB	Main Contractor	Sub-Contractor
2.4.5	The Home NCB extracts data for all remaining items of supply and sorts references by country of origin using the NCAGE Code as the key.					
2.4.6	The Home NCB initiates codification for no match items of own origin and those of Non-NATO manufacturer.					
2.4.7	The Home NCB registers the project contractor as authorised data receiver for all codified items and transmits the codification data to the project contractor including any DIC K27.					
2.4.8	The Home NCB transmits codification requests to the appropriate NCB using the relevant priority indicator code (see Sub-Section 553, Table 07).					
2.4.9	The producing country's NCB screens the references.					
2.4.10	The producing country's NCB registers the Home NCB as user for all exact matched items where no restrictions on usage are recorded.					
2.4.11	The Home NCB registers the project contractor as authorised data receiver on receipt of user registration result from the producing country's NCB.					

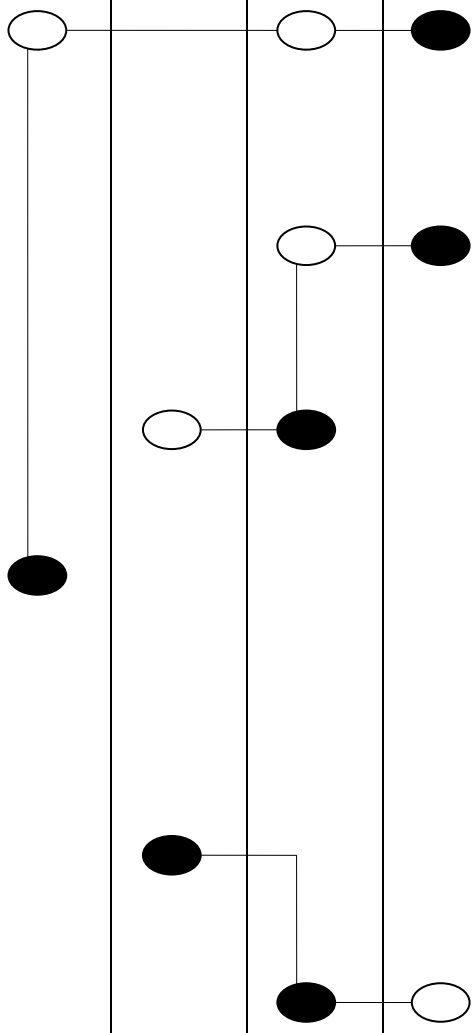


STEP	ACTION	Sub-Group or Procuring Countries	Producing NATO or Tier 2 sponsored Country's NCB	Home NCB	Main Contractor	Sub-Contractor
2.4.12	The producing country's NCB transmits, via the Home NCB, potential matches as well as exact matches where restrictions on usage are recorded to the project contractor. There the item is either identified and registration as authorised user is requested or the item must be re-transmitted for codification together with the Reference Number Justification Code (RNJC) other than blank.(*)					
2.4.13	The producing country's NCB codifies all non matched items and the requesting Home NCB will be registered as a user.					
2.4.14	The Home NCB transmits codification results from the other NCBs, including any DIC K27, immediately to the project contractor and registers him as authorised data receiver for all codified items.					
2.5	**Logistics Conference**					
2.5.1	Participation in Logistics Conference.					
2.6	**After the Logistics Conference**					
2.6.1	The project contractor transmits any further codification requests in parts lists format in the name of the consortium countries to his Home NCB					
2.6.2	The Home NCB initiates action as per sub-paragraph 2.4.2.					



(*) **Note:** The application or assignment of the RNJC by the contractor shall, be subject to final review by the respective NCB which remains the ultimate authority. Disputes regarding the applied RNJC will be resolved through discussion between the Home NCB and the project contractor.

STEP	ACTION	Sub-Group or Procuring Countries	Producing NATO or Tier 2 sponsored Country's NCB	Home NCB	Main Contractor	Sub-Contractor
2.6.3	The project contractor prepares the master lists and transmits them to the services of the consortium countries (information to the NCB is left to national discretion).					
2.6.4	The project contractor initiates the appropriate "Withdraw Data Receiver Interest" action with the Home NCB for all items not required.					
2.6.5	The Home NCB initiates the appropriate "Delete User" actions for items reported under sub-paragraph 2.6.4 with the producing country's NCB.					
2.6.6	The using national services of the procuring countries initiate user registration with their NCB.					
2.7	**Full codification** (to be undertaken if not completed within the timeframe)					
2.7.1	The appropriate NCB will continue full codification as required in accordance with the rules of ACodP-1.					
2.7.2	The Home NCB takes the appropriate file update action and notifies the project contractor and other registered users for changes to all NSNs concerned.					



SYMBOLS :

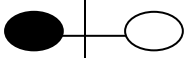
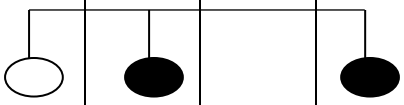
= Action required

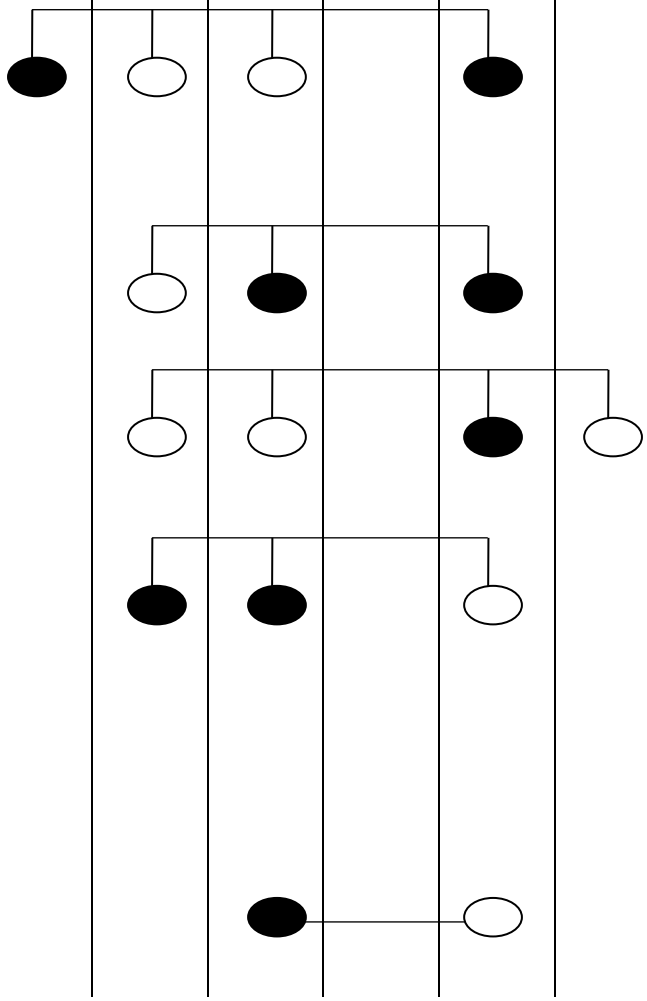
= Information only

ANNEX C - Flowchart "Codification for a Major Export Contract"

NOTE:

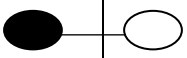
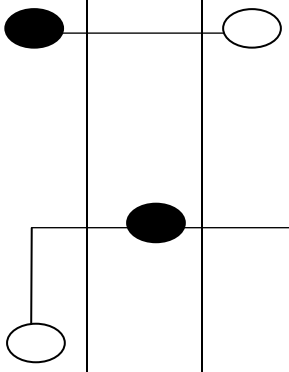
The following flowchart is for guidance only and is not mandatory. It should be used in accordance with national requirements. Project teams and/or international prime contractors committed to the ASD 2000M Specification may not follow the flowchart for codification operations. As the flowchart in ANNEX C does not exactly match the process described in S2000M, NCBs should be aware that project teams and/or prime contractors may be contractually tied to the S2000M procedure and not that described in this ANNEX C.

STEP	ACTION	Customer/ Procuring Country (End user)	Procuring Country NCB	Primary Producing Country NCB	Secondary Producing country NCB	Main Contractor	Sub Contractor
1	**CONTRACTUAL ARRAGEMENTS**						
1.1	**Establish a major armament contract with Codification Contract Clause or equivalent.** *Note 1: Confirm the NCB in the upstream step during the study of the contract.* *Note 2: Regarding any financial considerations in the following processes and procedures. National financial rights and agreements may apply.*						
2	**INFORMATION**						
2.1	**Inform the NCB of the Primary Producing country** Use of NATO Form AC/135-No 1						
2.2	**Establish a Direct link between Producing NCB and Contractor** *Note: Information exchange between the NCB of the producing country and the Main Contractor*						

STEP	ACTION	Customer/ Procuring Country (End user)	Procuring Country NCB	Primary Producing Country NCB	Secondary Producing country NCB	Main Contractor	Sub Contractor
3	**COORDINATION / PRE-CODIFICATION** **Initial Provisioning List, (IPL), evaluation, agreement, development and assessment phase.**						
3.1	Procuring Country/the end user, and Main Contractor to agree upon an IPL contract and subsequently inform Procuring and Primary Producing Country NCBs of completion.						
3.2	Define a procedure for exchange of IPL data between Main Contractor and Primary Producing Country NCB and inform Procuring Country NCB.						
3.3	Main Contractor to evaluate the country of origin of the items and inform Primary Producing and Procuring Country NCBs.						
3.4	Primary and Procuring Country NCBs to establish agreement on the method to be used depending on the country of origin of items and inform Main Contractor. *Note: The following 4 separate cases, (3.4.1 to 3.4.4), may be considered as primary options.*						
3.4.1	▪ Items of the Main Contractor's country : **Identified by Primary Producing Country NCB from the IPL.**						

STEP	ACTION	Customer/ Procuring Country (End user)	Procuring Country NCB	Primary Producing Country NCB	Secondary Producing country NCB	Main Contractor	Sub Contractor
3.4.2	▪ Items originating from Procuring Country : a) Transfer of LSA from the Primary Producing country's NCB to the Procuring country's NCB or b) Procuring Country NCB to identify items of Procuring Country origin from the IPL.						
3.4.3	▪ Items from Secondary Producing Countries : a) Transfer LSAs from the Primary Producing Country NCB to Secondary Producing Countries NCBs or b) Transfer LSAs from the NCB of the procuring country to Secondary Producing NCBs.						
3.4.4	▪ Items from non TIER 2 or non NATO countries : a) Items codified by the Primary Producing Country NCB b) Codification made by NCB of the procuring country.						
3.5	a) Procuring Country/end user and Main Contractor to complete the agreed IPL. b) The Procuring Country/end user to inform Procuring Country NCB. c) Procuring Country NCB to inform Primary Producing country of completion.						
3.6	Screening of the IPL and completion of the Spare Part List to be Codified, (SPLC).						

STEP	ACTION	Customer/ Procuring Country (End user)	Procuring Country NCB	Primary Producing Country NCB	Secondary Producing country NCB	Main Contractor	Sub Contractor
4	**CODIFICATION**						
4.1	Sort items by Producing Country of origin. *Note: refer to NCAGE*			●		●	
4.2	▪ Items of the Main Contractor's country : Codification made by Primary Producing Country's NCB			●		○	
4.3	**Identification of items from non - TIER 2 sponsored or non NATO Countries :** Codification made per NCB of Primary Producing Country			●		○	
4.4	**Identification of items from the Procuring Country :** *Note: The following cases may be considered as primary options.*						
4.4.1	Identification of *Procuring* country items from the IPL.		●				
4.4.2	The Procuring Country NCB contacts the sub contractor(s) concerned with identification of its items.		●				○

STEP	ACTION	Customer/ Procuring Country (End user)	Procuring Country NCB	Primary Producing Country NCB	Secondary Producing country NCB	Main Contractor	Sub Contractor
4.5	**Identification of items from NATO or TIER 2 countries:** a) Transfer LSAs from the Primary Producing Country to various NATO or TIER 2 country NCBs. or b) Transfer LSAs from the NCB of procuring country to various NATO or TIER 2 country NCB.						
5	**FOLLOW UP**						
5.1	a) Primary Producing Country NCB to report on codification progress carried out. b) Inform Procuring Country NCB and Main Contractor of status.						

DEFINITIONS :

Primary Producing Country NCB **:** That's the NCB of the country where the Main Contractor is located

Secondary Producing Country NCB **:** That's the NCB of a NATO or Tier2 sponsored country where one or several Sub Contractors are located

SYMBOLS :

= Responsible for Action

= Information only

NATO MANUAL ON CODIFICATION

ACodP-1

Chapter V - ADP FOR NATO DATA EXCHANGE

July 2019

TRANSACTION FORMATS – HYPERLINKS

Transaction	Title
INPUT HEADER	Input Header
OUTPUT HEADER	Output Header
SEGMENT 1	Notification of Changed Data
SEGMENT 2	Screening by Reference
SEGMENT 8	NATO Commercial & Government Entity Data
SEGMENT A	Identification Data
SEGMENT B	MOE Rule Data
SEGMENT C	Reference Data
SEGMENT D	Data Message Control Segment
SEGMENT E	Standardization Relationship Data
SEGMENT H	Materiel Management Data
SEGMENT J	Screening Response Sub-Header
SEGMENT K	Item Identification Status/Cancellation Data
SEGMENT L	Output File Data Sub-Header
SEGMENT M	Decoded Characteristics Data
SEGMENT P	Data Element Oriented with Return Code and without Value
SEGMENT Q	Data Element Oriented with Value and Return Code
SEGMENT R	Data Element Oriented with Value
SEGMENT T	Cancellation/Delete MOE Rule Data
SEGMENT V	Coded Characteristics Data
SEGMENT W	Packaging Data
SEGMENT Z	Future Data
LAR	Add Reference(s) and Related Codes
LAU	User Registration (add MOE Rule Number)
LCR	Change of Reference Related Codes
LDR	Delete Reference and Related Codes

Transaction	Title
LDU	Withdrawal of User Registration (delete MOE Rule Number)
LFN	Follow-up Interrogation
LMD	Multiple DIC Input
LSA	Codification and Registration of User
LTI	Interrogation by NATO Item Identification Number (NIIN)
L07	Request for Codification and Registration of User
L07 Samples	Samples of L07 transactions
L23	NATO Stock Number Cancellation Proposal
L23 Samples	Samples of L23 transactions
KAD	Add Data Element(s)
KAM	Add Materiel Management Data
KAR	Add Reference(s) and Related Codes
KAS	Add Standardization Relationship
KAT	Add Total Item Record Data
KAU	Add MOE Rule Number(s)
KCD	Change Data Element(s)
KCG	Change NATO Supply Class
KCM	Change Materiel Management Data
KCR	Change Reference Number Related Codes
KCS	Change Standardization Relationship
KCZ	Change Item Standardization Code
KDD	Delete Data Element(s)
KDM	Delete Materiel Management Data
KDR	Delete Reference(s) and Related Codes
KDS	Delete Standardization Relationship
KDU	Delete MOE Rule Number
KFA	Total Item Record Data for Match Through Association

Transaction	Title
KFD	Total Item Record File Data
KFE	TIR File Data for Replacement of a Cancelled NSN
KFF	File Replacement Data – Active NSNs / Cancelled NSNs
KFM	Notification to Increment NATO FMSN
KFN	Follow-Up Interrogation Results
KFN Samples	Example of KFN reply for LSA transaction
KFS	NIIN Status
KHN	NATO Commercial & Government Entity Data Maintenance
KIR	Interrogation Results
KKD	Cancel-Duplicate
KKR	Cancel-Replace
KKU	Cancel-Use
KKV	Cancel-Invalid / Non-Procurable
KMD	Multiple DICs
KMP	Partial Match (Screening)
KMR	Matching Reference (Screening)
KMT	Standardization Relationship Preferred Item Data
KNR	No Match (Screening)
KPA	Add Packaging Data
KPC	Change Packaging Data
KPD	Delete Packaging Data
KPM	Processing Malfunction
KRE	Notification of Return (Submitter)
KRP	Notification of Possible Duplicate (Submitter)
KRT	Notification of Receipt of LSA
KRU	Notification of Unprocessable Package (Submitter)
KSR	Screening Results

Transaction	Title
KTD	Total Characteristics Data
KTN	Interrogated/Search Data Not Available
K23	Return of NATO Stock Number Cancellation Proposal
K23 Samples	Samples of K23 Output
K27	Return of Request for Codification
K27 Samples	Samples of K27 Output
KWA	Electronic Data Transmission Message Control
KWF	Electronic Data Reception Message Control
STANDARD TC HEADER FORMAT	Standard TC Header Format
TRANSMISSION INSTRUCTIONS	Transmission Instructions
STANDARD EOT FORMAT	Standard End-of-Transmission Format
PILOTS HEADER FORMAT	Pilots Header Format
MRD – Sections 1 + 7	Master Requirements Directory - Sections 1 and 7
MRD – Section 3	Master Requirements Directory - Section 3
MRD – Section 5	Master Requirements Directory - Section 5
MRD – Section 6	Master Requirements Directory - Section 6

CHAPTER V - ADP FOR NATO DATA EXCHANGE

Preface

This chapter is the basic ADP documentation designed to permit the necessary programming and ADP automatic data processing.

Only segments, data elements, and codes with their definitions, structure and format, contained in this chapter are authorized for use in the international exchange of codification and related data.

The instructions contained in this chapter are mandatory for use by all countries participating in the NATO Codification System and the NATO Support and Procurement Agency (NSPA).

Section 510 - Contents and Formats of Data Segments used for International Transactions

Sub-Section 511 - Basic Concepts

511.1 International transactions used for the exchange of codification data, and under bilateral agreements standardization decision data, Interchangeability and Substitutability Relationship Data and Materiel Management Data, are identified by a three character Document Identifier Code -DIC- (see Section 520) and consist of combinations of data segments.

511.2 **Data Segments**

511.2.1 A group of data elements normally associated and/or functionally categorized are contained within a given data segment. Each segment is identified by a single character Segment Code (Data Record Number -DRN- 8999 ; see Section 540) except the Input and Output Header Segments, Telecommunication Segments and Master Requirement Directory Segments. The segments used for the international exchange of data are :

Segment Code	DRN	Title
	9094	Input Header
	9098	Output Header
1	9121	Notification of Changed Data
2	9125	Screening by Reference
8	0249	NATO Commercial & Government Entity Data
A	9100	Identification Data
B	9101	MOE Rule Data
C	9102	Reference Data
D	0752	Data Message Control Segment
E	9104	Standardization Relationship Data
H	9108	Materiel Management Data
J	9122	Screening Response Sub-Header
K	9109	Item Identification Status/Cancellation Data
L	9110	Output File Data Sub-Header
M	9111	Decoded Characteristics Data
P	9113	Data Element Oriented with Return Code and without Value
Q	9114	Data Element Oriented with Value and Return Code
R	9115	Data Element Oriented with Value
T	9117	Cancellation/Delete MOE Rule Data
V	9118	Coded Characteristics Data
W	9127	Packaging Data
Z	9119	Future Data

Segment Code	DRN	Title
* TC Segments		
		Standard TC Header Format
		Transmission Instructions
		Standard End-of-Transmission Format
* Master Requirement Directory Segments		
		MRD Section 1 and 7
		MRD Section 3
		MRD Section 5
		MRD Section 6

511.2.2 There are two basic segment types, one is data element oriented and the other fixed position oriented.

(a) Data element oriented

Data element oriented segments include data elements, the type of which may vary from one transaction to another.

No field has been predefined for those elements.

Examples of these segments are Segments P, Q and R.

(b) Fixed position oriented

Fixed position segments have data elements included in fixed length fields in a pre-established sequence.

Examples of this type are Segments A, B and C.

511.2.3 Although each segment, irrespective of type, has two formats, one of fixed length and the other of variable length, only the fixed length format (fixed record format) (see Sub-Section 512) is used for international transactions.

NOTE : The possibility exists that at a future date the variable length format could be used between nations on a bilateral basis.

Sub-Section 512 - Record Formats

512.1 General

512.1.1 The fixed length record formats are primarily designed for use as a media for the interchange of data as record formats on electronic data carriers and in telecommunication messages. Each record format contains common control fields which facilitate processing of transactions containing the equivalent of more than one record.

512.1.2 Record formats are restricted to eighty (80) character (position) "cards images" and have standard data positions to minimize error factors as well as to ensure that each segment format contains sufficient control information for identification, etc. The common control fields in each segment are :

Position	Data Element	DRN (See Section 540)
1-3	Document Identifier Code -DIC-	3920
4-6	Package Sequence Number -PSN	1070
7	Priority Indicator Code -PIC-	2867
8-23	Document Control Number -DCN-	1015
40	Segment Code (when necessary)	8999

In addition when applicable the NATO File Maintenance Sequence Number (DRN 1516) will always be in position 24-26 and the Assigned NATO Stock Number (DRN 3960) will always be in position 27-39.

NOTE : Segment D, Telecommunication Segments and Master Requirement Directory segments are exceptions to these common rules, therefore their record formats are given in Sub-Section 513, 534 and 536.

512.1.3 Circumstances exist under which all data pertinent to a given segment cannot be depicted with a single 80 position record. When multiple records are required to contain the data pertinent to a segment, the records must contain PSNs assigned consecutively and in sequence. As necessary, segments provide for insertion of a Continuation Indicator Code (DRN 8555) in position 80 to identify the specific format of a segment shown and/or to indicate that it is necessary to use more than one record, to either complete a lengthy data element value (e.g. Segment V) or to accommodate segment data which cannot be contained in one record due to space limitations (e.g. Segment H).

The Continuation Indicator Code will never be used in a complete record simply to indicate the presence of additional complete records in the package containing the same Segment Code (e.g. Segment E). When the first record and all subsequent continuation records are in the same format (as in Segment M), the Continuation Indicator Code will be a dash (-) ; the end of a segment will be indicated by a blank, in position 80 of the last record of the segment. In those segments which have multiple fixed formats (e.g. Segment H), using all three records, record 1 would show a "J" in position 80, record 2 a "K", record 3 a "3". In the event four or more records are needed to contain all prescribed segment data, record 1 will contain a "J", record 2 a "K" ; the first record 3 an "L", each additional record 3 except the last will contain an "L" ; and the final record 3 in the record will show a "3" in position 80.

512.1.4 Screening by Reference (Segment 2) can normally be requested by submission of a single record. Two records will be required only for DIC LSA which is to include the Item Name Code -INC- or Non-Approved Item Name and the NATO Supply Class. (See Sub-Section 532 –LSA-).

512.1.5 The vast majority of Reference Numbers (DRN 3570) can be contained in one Segment C record however, the relatively small number of logistics Reference Numbers which exceed 16 characters will require the use of a continuation record as the 32 characters allowed for this data element have been equally divided between record 1 and record 2 of Segment C.

512.1.6 Variations in data volume will frequently necessitate the use of one or more continuation records when Segment P, Q, R and V are produced. For example, data returned for corrections (Segment P/Q) might involve multiple occurrences of errors encountered in processing. Segment R could contain multiple DRNs/DRN values whose combined lengths exceed the 80 position limitation. Segment V may easily contain numerous characteristics data groups required to describe an item of supply.

512.1.7 Segments 8, M, Q, R and V have the potential for containing data elements of unpredictable lengths. Therefore, fields that are referred to as "value or reply" must, of necessity, be free-flowing. These elements may be continued from one record to the next i.e. a data element which cannot be completed in a given record will be continued to the next record.

Overflow of segments which do not have fixed formats for continuation records will follow the same formats for control data. Segment data elements, however, which require continuation record(s) for overflow will commence in the following positions on succeeding record(s) :

Segment	Begin Continuation Record(s) in Position
8	41
M	46
P & Q	47
R	41
V	42

Segments 8, M, Q, R and V contain data groups of unpredictable length, giving rise to special requirements. To simplify the processing of Segments Q and R, a convention is established which requires, briefly, that second and/or succeeding data groups which cannot be fully accommodated in the remaining unused positions of any given record will be commenced in the succeeding record, leaving the unused positions blank. For Segments M and V, data groups which cannot be fully accommodated on a given record will be continued on a succeeding record beginning in position 46 (for M) and 42 (for V). Detailed instructions concerning the specific data groups and positions affected by these conventions pertaining to each segment are contained in paragraph 512.3 respective Segment M, Segment Q, Segment R and Segment V. For Segment 8, in the event the entry cannot be accommodated in the first record, it will be continued on a second or succeeding record beginning in position 41. A second or succeeding data group will begin immediately following the preceding Data Element Terminator Code (DETC).

512.1.8 The Data Element Terminator Code (DRN 8268) is required to be entered to indicate the end of certain data elements, the length of which is unpredictable when used in segments designed specifically to accommodate a range of entries. Listed below are the segments and data elements to which this convention applies :

Segment	Data Element	DRN
8	NCAGE Data Group	9566
M	MRC decoded reply	0113
Q & R	DRN value	9975
V	Coded characteristics data reply	3317

It will be noted that the Data Element Terminator Code is not required in these segments in which data elements can be predicted and fixed positions have been provided for the maximum data length, e.g. item name (19 characters) in Segment A, logistics reference number (32 characters) in Segment C (which provides fixed positions in record 1 and overflow to record 2).

512.1.9 All entries of alphanumeric data elements for which maximum length fixed fields are provided will begin in the left most positions, leaving unused positions blank in all cases. Data elements contained in each segment are not required for all DICs. When individual elements are not required for inclusion in a specific DIC the field will be left blank.

512.1.10 Paragraph 512.2 summarises the information given above in respect of :

(a) the number of record segments used within each segment;

(b) whether a Continuation Indicator Code is required;

(c) the position in which data in the continuation record is to begin;

(d) what value should be given to the Continuation Indicator Code.

512.1.11 Paragraph 512.4 (Input Header to Segment Z) gives the record formats for each of the headers and segments used for the international exchange of data. The formats are described following a standard layout as follows :

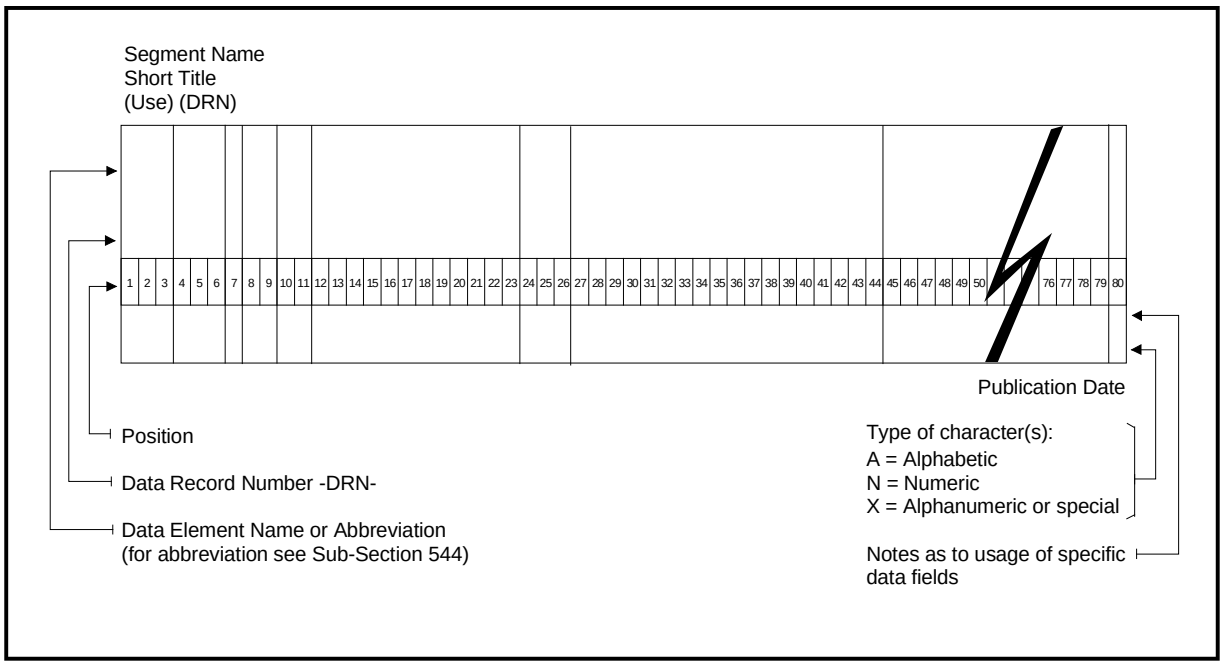


Figure V.1 - Record Format Standard Layout

512.2 **Segment Record Usage Grid**

Segment/ Header	Title	Input/ Output	Number of fixed formats	CIC	Position begin continuation records	Instructions for CIC entries						
						Note	Characters entered in Position 80					
							1st record	2nd record	3rd record	4th record	5th and following records	Final record
	Input Header	I	1	NO		(1)						
	Output Header	O	1	NO		(1)						
1	Notification of Changed Data	O	1	NO		(1)						
2	Screening by Reference	I	2	YES		(7)	1/J	2				1/2
8	Organisational Entity Data	O	1	NO		(3)						
A	Identification Data	O	1	NO		(1)						
B	MOE Rule Data	I/O	1	YES		(6)	1					1
C	Reference Data	I/O	2	YES		(2)	1/J	2				1/2
D	Data Message Control Segment	O	1	NO		(1)						
E	Standardisation Relationship Data	O	1	NO		(1)						
H	Materiel Management Data	O	3	YES		(4)	1/J	2/K	3/L	3/L	3/L	1/2/3
J	Screening Response	O	1	YES		(6)	1					1
K	Item Identification Status/Cancellation Data	O	1	NO		(1)						

Segment/ Header	Title	Input/ Output	Number of fixed formats	CIC	Position begin continuation records	Instructions for CIC entries						
						Note	Characters entered in Position 80					
							1st record	2nd record	3rd record	4th record	5th and following records	Final record
L	Output File Data Sub-Header	O	1	NO		(1)						
M	Decoded Characteristics Data	O	1	YES	46	(5)	Blank/-	Blank/-	Blank/-	Blank/-	Blank/-	Blank
P	Data Element Oriented with Return Code and without Value	O	1	YES	47	(5)	Blank/-	Blank/-	Blank/-	Blank/-	Blank/-	Blank
Q	Data Element Oriented with Return Code and Value	O	1	YES	47	(5)	Blank/-	Blank/-	Blank/-	Blank/-	Blank/-	Blank
R	Data Element Oriented with Value	I/O	1	YES	41	(5)	Blank/-	Blank/-	Blank/-	Blank/-	Blank/-	Blank
T	Cancellation/Delete MOE Rule Data	I	1	NO		(1)						Blank
V	Coded Characteristics Data	I/O	1	YES	42	(5)	Blank/-	Blank/-	Blank/-	Blank/-	Blank/-	Blank
W	Packaging Data Element	O	5	YES		None	1/J	2/K	3/L	4M	5	1/2/3/4/5
Z	Future Data	O	1	NO		(1)						

NOTE : Telecommunication Segments and Master Requirement Directory don't appear in this chart (see Sub-Sections 534 and 536).

512.3 **Segment Record Usage Notes**

(1) This segment/header can always be completed on one record. Therefore position 80 will always either contain the last character of a data element or be left blank.

(2) This segment may require two records to form a complete record, each of which is constructed in a different format. If so, Record "1" will contain a "J" in position 80 and Record 2 will contain a "2" in that position. If the record requires use of only the first record format, that record will show a "1" in position 80.

(3) This segment is composed of one record and may require continuation records to constitute a complete record.

There is no Continuation Indicator Code in position 80. Therefore, position 80 will contain either a character of a data element or be left blank.

(4) This segment is composed of three records, each of which is constructed in a different format. (In some instances four or more records will be required ; when that occurs, the fourth and succeeding records will be in the same format as Record 3). If the record requires only the first record, a "1" will be entered in position 80. If the record requires both Record 1 and 2 formats, the first record will show a "J" in position 80 and the second a "2" in that position. When a DIC requires all three formats, the first record will show a "J" in position 80 ; the second a "K" and the third, a "3". In the event four or more records are needed to contain all prescribed segment data, Record 1 will contain a "J", Record 2 a "K", the first Record 3 an "L", each additional Record 3 except the last will contain an "L" ; and the final Record 3 in the record will show a "3" in position 80.

(5) This segment may require two or more records to constitute a complete record. All continuation records will be in the same format as the first record. Each record except the final one will contain a "hyphen" in position 80 to denote continuation. The final record of the record will be blank in position 80. If the record requires only one record to accommodate the required segment data, that record will be blank in position 80.

(6) The 2nd optional record is not used.

(7) This segment may consist of 2 records, each in a different format. The record may require the first or the first and the second records of which the first record may appear up to three times. If the record requires only the first record, position 80 will show a "1". If the record requires two records, the first record will show a "J" and the second record a "2" in position 80. When the record requires the first record several times and the second record, each first record except the last shows a "1" and the last first record a "J" in position 80.

512.4 **Header and Segment Records**

INPUT HEADER

(INPUT) (DRN 9094)

Field	DRN	Columns	Type
DIC	3920	1 2 3	A
PSN	1070	4 5 6	X
PIC	2867	7	N
DOCUMENT CONTROL NUMBER 1015 – ORIGINATOR CODE	4210	8 9	X
DOCUMENT CONTROL NUMBER 1015 – SUBMITTER CODE	3720	10 11	A
DOCUMENT CONTROL NUMBER 1015 – TRANSACTION DATE	2310	12 13 14 15 16	N
DOCUMENT CONTROL NUMBER 1015 – DOCUMENT CONTROL SERIAL NUMBER	1000	17 18 19 20 21 22 23	X
		24 25 26	
		27 28	(1)
ASSIGNED NATO STOCK NUMBER	3960	29 30 31 32 33 34 35 36 37 38 39	N
		40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	

NOTE : (1) For L23 columns 27-28 must reflect DRN 3880 - DESTINATION ACTIVITY CODE - columns 29-39 must be blank

OUTPUT HEADER

(OUTPUT) (DRN 9098)

DIC	PSN	PIC	DOCUMENT CONTROL NUMBER 1015				NATO FMSN	ASSIGNED NSN 3960							
			ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER		NATO SUPPLY CLASS	NIIN 4000			DIC INPUT		DESTINATION ACTIVITY CODE	
									NCB CODE	ITEM IDENTIFICATION NUMBER					
3920	1070	2867	4210	3720	2310	1000	1516	3990	4130			3921		3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30	31 32	33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
A	X	N	X	A	N	X	N	N	N	N		A		A	

SEGMENT 1

NOTIFICATION OF CHANGED DATA (See next page)

(OUTPUT) (DRN 9121)

DIC	PSN	PIC	DOCUMENT CONTROL NUMBER 1015				NATO FMSN	ASSIGNED NATO STOCK NUMBER	SEGMENT CODE	SPSN		DRN		TYPE VALUE COD	(SUBMITTED) NCAGE CODE		TYPE VALUE COD	(CHANGED) NCAGE CODE	
			ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER													
3920	1070	2867	4210	3720	2310	1000	1516	3960	8999	8328		0950		0238	4140		0238	4140	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43	44	45 46 47 48	49	50	51 52 53 54 55 56	57 58 59 60 61	62	63 64 65 66 67 68	69 70 71 72 73 74 75 76 77 78 79 80
A	X	N	X	A	N	X	N	N	N	X		N		A	X		A	X	

Segment 1 - Notification of Changed Data

Segment 1 is used as output notification only to reflect a data element as it was submitted, and the data element as it was changed mechanically utilizing a Segment 1 format for the changed element. This Segment 1 will be within an output DIC sent only to the submitter. The following data element submitted under the cited input conditions is applicable to the NCB change :

Data Element	When subject to change
NATO COMMERCIAL AND GOVERNMENT ENTITY (NCAGE) CODE (DRN 4140)	Only on submittals which reflect a manufacturer's code which has been cancelled and replaced.

The purpose for changing this data element is to (1) permit further processing of a submittal which contained such data and (2) to provide notification to the appropriate activity of such change (e.g. file update, etc.). Segment 1 may apply to returns and screening results, as applicable. The change feature to allow further processing of the item will not, however, exempt the submittal from any further edits which may cause an error condition and subsequent package disapproval.

If the NCAGE Code contained in an LSA submittal has been cancelled-replaced, the following output notification packages may contain Segment 1. In the case of LSA this applies only when an LSA results in a KRE reject and the submitted NCAGE Code has been cancelled-replaced.

Notification of Return (Result of LSA)

KRE	Output Header
KRE	Segment 1
KRE	Segment P and/or Q

SEGMENT 2

SCREENING BY REFERENCE (See note 1)
(INPUT) (DRN 9125)

1st RECORD

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015					DESTINATION ACTIVITY CODE 3880		OUT PUT DATA REQUEST CODE 4690	SIC 3708	RNJC 2750	RNFC 2920	SEGMENT CODE 8999		REFERENCE 0846		CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000										NCAGE CODE 4140	REFERENCE NUMBER 3570	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28	29 30 31 32	33 34 35 36	37	38	39	40	41 42	43 44 45 46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
A	X	N	X	A	N	X		A		N	A	N	N	N		X	(2) X	X

2nd RECORD (see note 3)

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015					SEGMENT CODE 8999		ITEM NAME CODE 4080	NON-APPROUVED ITEM NAME 5020		NATO SUPPLY CLASS 3990		CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000									
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43	44 45 46 47 48	49 50 51 52 53 54 55 56 57 58 59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79	80
A	X	N	X	A	N	X		N			(4) X		N		X

NOTES :
(1) REPEAT THE SEGMENT AS REQUIRED FOR MULTIPLE REFERENCES IN LSA REQUEST. A MAXIMUM OF 3 REFERENCES IS PERMITTED.
(2) WHEN A REFERENCE NUMBER (DRN 3570) EXCEEDS 32 CHARACTERS, THE EXTRA LONG REFERENCE NUMBER INDICATOR CODE (DRN 9380) WILL BE SUBMITTED AS THE 32nd CHARACTER AND THE ENTIRE REFERENCE NUMBER WILL BE SUBMITTED BY E-MAIL, FAX OR TELECOM MESSAGE.
(3) THE SECOND RECORD IS MANDATORY FOR NSN ASSIGNMENT UNDER ROUTINE AND ACCELERATED PROCEDURE AND CAN BE INCLUDED ONLY ONCE IN A SUBMITTAL ; WHEN SEVERAL REFERENCES ARE SUBMITTED THIS SECOND RECORD IS PART OF THE LAST SEGMENT AND IS CONSEQUENTLY THE LAST RECORD OF THE PACKAGE.
(4) DRN 4080 OR 5020 ARE ALTERNATIVES AND SHOULD BE ENTERED RESPECTIVELY IN POSITIONS 44-48 OR 44-62 (NSN ASSIGNMENT ONLY)

SEGMENT 8

NATO COMMERCIAL AND GOVERNMENT ENTITY DATA

(OUTPUT) (DRN 0249)

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NCAGE CODE 4140	NCAGESD CODE 2694	US F/D DC 4235	TYPE O.E. CODE 4238	DATE OF LAST CHANGE 9567		SEGMENT CODE 8999	NCAGE DATA GROUP 9566	DETC 8268
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000									
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26 27 28	29	30	31	32 33 34 35 36	37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79 80
A	X	N	X	A	N	X	X	A	(1) N	A	N		N	(2) X	(3) #

NOTES : (1) THIS DATA ELEMENT IS MANDATORY FOR US AND CANADIAN CODES ONLY.

(2) THE DATA GROUP (PREFIX + CLEAR TEXT + DETC) WILL BEGIN IN POSITION 41. IN THE EVENT THE ENTRY CANNOT BE ACCOMMODATED IN THE FIRST RECORD, IT WILL BE CONTINUED ON A SECOND OR SUCCEEDING RECORD BEGINNING IN POSITION 41. A SECOND OR SUCCEEDING DATA GROUP WILL BEGIN IMMEDIATELY FOLLOWING THE PRECEDING DETC.

(3) THE POSITION REFLECTED FOR THIS DATA ELEMENT IS REPRESENTATIVE ONLY, OWING TO THE VARIABLE LENGTH OF THE PRECEDING DATA ELEMENT. THIS CODE IS REQUIRED, HOWEVER, AND IT WILL APPEAR IN THE POSITION IMMEDIATELY FOLLOWING THE DATA ELEMENT TO WHICH IT APPLIES.

SEGMENT A

IDENTIFICATION DATA

(OUTPUT) (DRN 9100)

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	IIG NUMBER 4065	ITEM NAME CODE 4080	APPROVED/NON APPROVED ITEM NAME 5010/5020		TYPE II CODE 4820	RPDMRC 4765	DEMIL CODE 0167	DATE, NIIN ASSIGNMENT 2180	
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000												
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46	47 48 49 50 51	52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70	71	72	73	74	75 76 77 78 79	80
A	X	N	X	A	N	X	N	N	A	X	X	X		X	X	A	N	

SEGMENT B

MOE RULE DATA

(INPUT, OUTPUT) (DRN 9101)

<table>
<tr><td colspan="3" rowspan="2">DIC
3920</td><td colspan="3" rowspan="2">PSN
1070</td><td rowspan="2">PIC
2867</td><td colspan="16">DOCUMENT CONTROL NUMBER
1015</td><td colspan="3" rowspan="2">NATO FMSN
1516</td><td colspan="13" rowspan="2">ASSIGNED NATO STOCK NUMBER
3960</td><td rowspan="2">SEGMENT CODE
8999</td><td colspan="4" rowspan="2">MOE RULE NUMBER
8290</td><td colspan="35" rowspan="2"></td><td rowspan="2">CIC
8555</td></tr>
<tr><td colspan="2">ORIGINATOR CODE
4210</td><td colspan="2">SUBMITTER CODE
3720</td><td colspan="5">TRANSACTION DATE
2310</td><td colspan="7">DOCUMENT CONTROL SERIAL NUMBER
1000</td></tr>
<tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td>32</td><td>33</td><td>34</td><td>35</td><td>36</td><td>37</td><td>38</td><td>39</td><td>40</td><td>41</td><td>42</td><td>43</td><td>44</td><td>45</td><td>46</td><td>47</td><td>48</td><td>49</td><td>50</td><td>51</td><td>52</td><td>53</td><td>54</td><td>55</td><td>56</td><td>57</td><td>58</td><td>59</td><td>60</td><td>61</td><td>62</td><td>63</td><td>64</td><td>65</td><td>66</td><td>67</td><td>68</td><td>69</td><td>70</td><td>71</td><td>72</td><td>73</td><td>74</td><td>75</td><td>76</td><td>77</td><td>78</td><td>79</td><td>80</td></tr>
<tr><td colspan="3">A</td><td colspan="3">X</td><td>N</td><td colspan="2">X</td><td colspan="2">A</td><td colspan="5">N</td><td colspan="7">X</td><td colspan="3">N</td><td colspan="13">N</td><td>A</td><td colspan="4">X</td><td colspan="35">X</td><td></td></tr>
</table>

SEGMENT C

REFERENCE DATA (See note 1)

(INPUT,OUTPUT) (DRN 9102)

1st RECORD

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999		RNFC 2920		RNCC 2910		RNVC 4780		DAC 2640		RNAAC 2900		RNSC 2923	RNJC 2750	REFERENCE 0846			CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000																	NCAGE CODE 4140	REFERENCE NUMBER 3570		
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43	44	45	46	47	48	49	50	51	52	53 54	55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
A	X	N	X	A	N	X	N	N	A		N		X		N		X		X			(2) A N	X	X		X

2nd RECORD (See note 3)

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999															REFERENCE NUMBER (cont'd) 3570			CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000																					
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59															60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80	
A	X	N	X	A	N	X	N	N	A															(4) X		X	

NOTES : (1) REPEAT SEGMENT FOR EACH REFERENCE.

(2) THE CONSTANT VALUE "D" WILL ONLY APPEAR IN INPUT AND OUTPUT WHEN A COUNTRY HAS NOT IMPLEMENTED ALL THE REFERENCE NUMBER STATUS CODES (DRN 2923) AS DEFINED IN SECTION 550, TABLE 14.

(3) A SECOND (CONTINUATION) RECORD IS ONLY REQUIRED WHEN THE REFERENCE NUMBER (DRN 3570) EXCEEDS 16 CHARACTERS.

(4) WHEN A REFERENCE NUMBER (DRN 3570) EXCEEDS 32 CHARACTERS, THE EXTRA LONG REFERENCE NUMBER INDICATOR CODE (DRN 9380) WILL BE SUBMITTED IN THE 32nd POSITION.

SEGMENT E

STANDARDIZATION RELATIONSHIP DATA (See note 1)

(OUTPUT) (DRN 9104)

DIC	PSN	PIC	DOCUMENT CONTROL NUMBER 1015				NATO FMSN	ASSIGNED NSN REPLACED NSN, REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP	SEGMENT CODE	2650 / 8525 ISC (RPLD NSN)	ORIG STDZ DEC	DATE STDZ DEC	NIIN STATUS CODE	REPLACED NSN, REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP	2650 / 8525 ISC (RPLD NSN)		ORIG STDZ DEC		DATE STDZ DEC		NIIN STATUS CODE		DATE, EFFECTIVE, LOGISTICS ACTION
			ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER																	
3920	1070	2867	4210	3720	2310	1000	1516	3960 / 8977 / 9525	8999	2650 / 8525 ISC (RPLD NSN)	9325	2300	2670	8977 / 9525	2650 / 8525 ISC (RPLD NSN)		9325		2300		2670		2128
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42 43	44 45 46 47 48	49	50 51 52 53 54 55 56 57 58 59 60 61 62	63	64	65 66	67	68 69 70 71 72	73	74	75	76 77 78 79 80
A	X	N	X	A	N	X	N	X	A	X	X	N	N	X	X		X		N		N		N

NOTE : (1) REPEAT COMPLETE SEGMENT WHEN THREE OR MORE NSNs ARE INVOLVED IN A STANDARDIZATION RELATIONSHIP.

SEGMENT H

MATERIEL MANAGEMENT DATA

(OUTPUT) (DRN 9108)

1st RECORD

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999		DATE , EFFECTIVE, LOGISTICS ACTION 2128		MOE CODE 2833	PMIC 0802	ADP EIC 0801		AAC 2507	SOSC/ SOSMC 3690/ 2948	UIC 3050		NATO CUR CODE 0856	UNIT PRICE 7075		CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000																		
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48	49 50 51 52 53	54	55 56	57	58	59	60	61 62 63	64 65	66	67 68 69	70 71 72 73 74 75 76 77 78	79	80
A	X	N	X	A	N	X	N	N	A		N		A	X	N		A	X/A	A		X	X		X

2nd RECORD

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999		QUPC 6106		CIIC 2863		SHELF LIFE CODE 2943			MANAGEMENT CONTROL DATA		USI SERV CODE 0745		UNIT OF ISSUE CONVERSION FACTOR 3053		FORMER UI 8472		CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000																			
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43	44	45	46	47	48	49 50 51 52 53 54 55	56 57	58	59	60 61 62 63 64	65	66 67	68 69 70 71 72 73 74 75 76 77 78 79	80
A	X	N	X	A	N	X	N	N	A		X		A		X		(1) A	(2) X		A		N		A		X

SEGMENT H

MATERIEL MANAGEMENT DATA

(OUTPUT) (DRN 9108)

3rd AND FOLLOWING RECORDS

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	PHRASE CODE 2862		QUANTITATIVE EXPRESSION, RELATED NSN, TECHNICAL DOCUMENT NUMBER 8575 / 2895 / 2893	QUANTITY PER ASSEMBLY 0106		UNIT OF MEASURE OF RELATED NSN 0107		CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	NATO DOCUMENT CONTROL SERIAL NUMBER 1000											
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62	63 64 65	66	67 68	69 70 71 72 73 74 75 76 77 78 79	80
A	X	N	X	A	N	X	N	N	A	X		(3) X	N		A		X

NOTES : (1) THIS POSITION CAN CONTAIN EITHER :
DRN 2934 : REPARABLE CHARACTERISTICS INDICATOR CODE DLA
DRN 2892 : RECOVERABILITY CODE, ARMY
DRN 2832 : MATERIAL CONTROL CODE, NAVY
DRN 2891 : RECOVERABILITY CODE, MARINE CORPS
DRN 0709 : REPARABILITY, COAST GUARD
DRN 2655 : EXPENDABILITY, RECOVERABILITY, REPARABILITY CATEGORY CODE, AIR FORCE

(2) THIS POSITION CAN CONTAIN EITHER :
DRN 8925 : MANAGEMENT CONTROL DATA, AIR FORCE
DRN 8930 : MANAGEMENT CONTROL DATA, ARMY
DRN 8935 : MANAGEMENT CONTROL DATA, MARINE CORPS
DRN 8940 : MANAGEMENT CONTROL DATA, NAVY
DRN 0707 : MANAGEMENT CONTROL DATA, COAST GUARDS

(3) ACCORDING TO THE INFORMATION GIVEN BY THE PHRASE CODE (DRN 2862) THIS FIELD CAN CONTAIN EITHER:
- THE QUANTITATIVE EXPRESSION (DRN 8575)
- THE RELATED NSN (DRN 2895)
- THE TECHNICAL DOCUMENT NUMBER (DRN 2893)

SEGMENT J

SCREENING RESPONSE SUB-HEADER (See note 1)

(OUTPUT) (DRN 9122)

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015					RNFC 2920		SEGMENT CODE 8999		NCAGE CODE 4140		REFERENCE NUMBER 3570	CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000									
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26 27	28	29 30 31 32 33 34 35 36 37 38 39	40	41	42 43 44 45 46	47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
A	X	N	X	A	N	X		N		A		X		X	N

NOTE : (1) REPEAT SEGMENT FOR EACH REFERENCE

SEGMENT K

ITEM IDENTIFICATION STATUS / CANCELLATION DATA

(OUTPUT) (DRN 9109)

DIC	PSN	PIC	DOCUMENT CONTROL NUMBER 1015				NATO FMSN	ASSIGNED NSN CANCELLED NSN	SEGMENT CODE		NIIN STATUS CODE		DATE, EFFECTIVE, LOGISTICS ACTION	SUBMITTED NATO SUPPLY CLASS	DEMIL CODE	REPLACEMENT NSN, CANCELLATION		REPLACEMENT NSN, CANCELLATION
			ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER												
3920	1070	2867	4210	3720	2310	1000	1516	3960/3790	8999		2670		2128	9075	0167	8875		8875
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43	44 45 46 47 48	49 50 51 52	53	54 55 56 57 58 59 60 61 62 63 64 65 66	67	68 69 70 71 72 73 74 75 76 77 78 79 80
A	X	N	X	A	N	X	N	N	A		X		N	N	A	N		N

SEGMENT L

OUTPUT FILE DATA SUB-HEADER

(OUTPUT) (DRN 9110)

DIC	PSN	PIC	DOCUMENT CONTROL NUMBER 1015				NATO FMSN	ASSIGNED NSN REPLACMENT NSN, STANDARDIZATION RELATIONSHIP	SEGMENT CODE		APSN		APSN		APSN	
			ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER										
3920	1070	2867	4210	3720	2310	1000	1516	3960 / 9525	8999		8252		8252		8252	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42	43 44 45	46	47 48 49	50	51 52 53	54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
A	X	N	X	A	N	X	N	N	A		X		X		X	

SEGMENT M

DECODED CHARACTERISTICS DATA (See next page)

(OUTPUT) (DRN 9111)

DIC	PSN	PIC	DOCUMENT CONTROL NUMBER 1015				NATO FMSN	ASSIGNED NSN	SEGMENT CODE	MRC	PRINT CONT CODE	REQUIREMENT STATEMENT	CCC	MRC DECODED REPLY FIELD	DETC	CIC
			ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER										
3920	1070	2867	4210	3720	2310	1000	1516	3960	8999	3445	0234	3614	8255	0113	8268	8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45	46 47 48 49 50 51 52 53 54 55 56 57 58 59	60	61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78	79	80
A	X	N	X	A	N	X	N	N	A	X	N	(1) (2) X	(3) X	(1) (4) X	(3) X	X

NOTES :

(1) WHEN SR-1 AND/OR SR-5 MANUFACTURER'S DATA ARE TRANSMITTED IN A SEGMENT M RECORD, THE CHARACTERS "SR-1" OR "SR-5" WILL APPEAR IN THE FIELD DESIGNATED FOR THE MRC (POSITIONS 41-44). SR-1/SR-5 DATA ELEMENTS (E.G., NCAGE CODE, NONDEFINITIVE GOVERNMENT SPEC/STD REFERENCE) WILL APPEAR IN THE FIELD DESIGNATED FOR THE REQUIREMENT STATEMENT. THE VALUE FOR THESE DATA ELEMENTS WILL BE REFLECTED IN THE FIELD DESIGNATED FOR THE MRC DECODED REPLY.

(2) DATA ELEMENT WILL START IN THIS POSITION BUT THE FINAL POSITION CANNOT BE PREDETERMINED BECAUSE OF THE VARIABLE LENGTH OF THIS TYPE OF DATA. IN THE EVENT THIS RECORD CANNOT ACCOMMODATE THE ENTIRE DATA ELEMENT, THE ENTRY WILL BE CONTINUED IN SECOND AND SUCCEEDING RECORDS BEGINNING IN POSITION 46.

(3) THIS POSITION IS NOT PRECISE BECAUSE OF THE VARIABILITY OF THE PRECEDING DATA ELEMENT. THIS DATA ELEMENT IS REQUIRED, HOWEVER, AND IT WILL APPEAR IN THE POSITION IMMEDIATELY FOLLOWING THE PRECEDING VARIABLE LENGTH DATA ELEMENT.

(4) THE POSITIONS REFLECTED FOR THIS ENTRY ARE REPRESENTATIVE ONLY. ACTUAL ENTRIES WILL COMMENCE IN POSITIONS IN WHICH THEY CAN BE ACCOMMODATED, IMMEDIATELY FOLLOWING THE PRECEDING DATA ELEMENT. IN THE EVENT ENTRY FOR THIS ELEMENT CANNOT BE ACCOMODATED ON THE FIRST RECORD ON WHICH IT APPEARS, IT WILL BE CONTINUED ON A SUCCEEDING RECORD(S) BEGINNING IN POSITION 46.

Segment M Concepts

1. Segment M is used to transmit decoded descriptive characteristics for use in printing a visual display as required by the user. A standard Segment M includes the MRC, Requirement Statement and MRC reply data. In fixed format usage, these data elements will be repeated to the extent necessary to complete a Segment M record as outlined below, and will require the generation of multiple records.

2. Immediately following this concept paper is a chart entitled "Sample Segment M Format Characteristics Data". The chart is divided into two parts. The upper portion, labelled "Segment Data Portion of Segment M" illustrates Segment M data as it would appear in the form of 13 records containing characteristics data pertinent to an item identification. The lower portion, labelled "Data in Print Format", represents the same characteristics data as the upper portion but printed in the standard 3 column format. This chart illustrates all the conventions that apply to Segment M usages as outlined below.

3. There are three data elements provided for use in controlling the printing of a visual display from a Segment M record.

   (a) The Print Control Code (DRN 0234) will appear in position 45 of every record in a Segment M record. It has three numeric values - "1", "2", and "3".

   Code "1" can be used to instruct a print program to begin printing what appears in position 46 at the left margin of the area reserved for the Requirement Statement (the margin labelled (1) in the print format representation).

   Use of code "2" can readily instruct a program to begin printing what appears in position 46 at the left margin of the area reserved for the reply data (the margin labelled (2) in the print format representation which follows).

   Code "3" is an instruction to continue printing information that could not be completed on the previous line of the Segment M data format. The overflow information will be displayed beginning in position 46 of the next line in the Segment M data format.

   NOTE : A fixed field of 32 positions has been allocated for SR-1 Reference Number information. When a Reference Number requires less than the allocated 32 positions, the remainder of the field will be blank filled.

   (b) The Control Character Code (DRN 8255) is a special character that is always entered immediately following the Requirement Statement. It signals the end of the Requirement Statement and can serve to instruct a print program to begin printing what appears in the next position at the left margin of the area reserved for reply data.

   NOTE : If a Requirement Statement ends in position 79, the Continuation Indicator Code will be entered in position 80 ; the next record will be blank in the MRC field, a Print Control Code with a value of "3" will appear in position 45, and the Control Character Code will be entered in position 46. Should a Requirement Statement end in position 78, the Control Character Code will be entered in position 79, and the Continuation Indicator Code will appear in position 80. The next record will be blank in the MRC field ; a Print Control Code with a value of "2" will be entered in position 45, and the reply data will commence in position 46.

   (c) The Data Element Terminator Code will always appear in output immediately following the reply data and it signals the end of an individual Segment M data group (MRC, Requirement Statement, Control Character Code, and reply data).

NOTE : There is one exception to this rule. The Data Element Terminator Code always immediately follows the phrases "SPEC/STD CONTROLLING DATA" and "THE MANUFACTURER'S DATA" when SR-1 and/or SR-5 data are entered in a Segment M record.

4. Record 1 on the attached Segment M chart illustrates the completion of a Segment M data group on one record. The MRC (NAME) is entered in position 41-44 ; the Print Control Code (with value of "1") is entered in position 45 ; and the Requirement Statement commences in position 46. The Control Character Code (the commercial "at" (@) sign) appears immediately following the Requirement Statement. The reply data begins in the position next following the Control Character Code and it is ended by the Data Element Terminator Code (#). Because there are additional records in this Segment M record, the Continuation Indicator Code (-) is entered in position 80.

5. Records 2 and 3 illustrate the overflow of a Requirement Statement to a continuation record. The MRC (CPLM) is entered in positions 41-44 ; the Print Control Code with a value of "1" appears in position 45 ; and the Requirement Statement begins in position 46. The Requirement Statement cannot be completed on record 2; therefore a Continuation Indicator Code is entered in position 80.

   (a) Record 3 is blank in the MRC field and contains a Print Control Code with a value of "3" in position 45. The overflow Requirement Statement begins in position 46 and is followed by the Control Character Code, the reply data and the Data Element Terminator Code. The remainder of the record through position 79 is blank. Because more records are required to complete the Segment M record, the Continuation Indicator Code (-) appears in position 80.

   (b) If a Requirement Statement should end in position 79, position 80 will contain the Continuation Indicator Code. The next record will be blank in the MRC field, a Print Control Code of "3" will be entered in position 45 and the Control Character Code will appear in position 46, followed by the reply data.

6. Records 4, 5 and 6 illustrate the overflow of reply data. Record 4 contains the MRC (CPXC) in positions 41-44 and a Print Control Code with a value of "1" is entered in position 45. As the reply data cannot be fully accommodated on record 4, the Continuation Indicator Code is entered in position 80.

   (a) Record 5 is blank in the MRC field and a Print Control Code with a value of "3" is entered in position 45. The overflow reply data begins in position 46. As the overflow cannot be accommodated on record 5, a Continuation Indicator Code appears in position 80.

   (b) Record 6 is blank in the MRC field, and a value of "3" is entered in the Print Control Code field ; the overflow reply data begins in position 46 and is ended by the Data Element Terminator Code. The remainder of the record through position 79 is blank and as additional records are required to complete the Segment M record, a Continuation Indicator Code is entered in position 80.

7. Records 4-8 illustrate the use of Secondary Address Coding to accommodate multiple replies to a single Requirement Statement. Records 4-6 contain the first reply.

   (a) In record 7 which contains the second reply, the MRC field is blank ; a Print Control Code of "2" is entered in position 45, and the second reply begins in position 46. Because the second reply cannot be entirely accommodated on record 7, the Continuation Indicator Code is entered in position 80.

   (b) Record 8 is blank in the MRC field ; it contains a Print Control Code with a value of "3" in position 45 and the overflow reply data begins in position 46. The Data Element Terminator Code follows the reply data and the remaining unused positions are left blank. As there are additional records in the Segment M record, a Continuation Indicator Code appears in position 80.

(c) Second/succeeding replies to a single Requirement Statement portrayed with the "AND/OR" symbology will be handled in the same way as Secondary Address Coding.

8. Records 9-13 show the portrayal of SR-1 data. In record 9, the characters "SR-1" are entered in the MRC field ; the Print Control Code with a value of "1" is entered in position 45, and the phrase "SPEC/STD CONTROLLING DATA" is entered beginning in position 46. This phrase is immediately followed by the Data Element Terminator Code. The remaining unused positions on the record are left blank and the Continuation Indicator Code is entered in position 80.

(a) The next record (record 10) is blank in the MRC field ; it contains a Print Control Code with a value of "1" in position 45, and the phrase "COMMERCIAL AND GOVERNMENT ENTITY CODE" is entered beginning in position 46. It is immediately followed by the Control Character Code. The value for the NATO Commercial and Government Entity Code (81349) is entered following the Control Character Code and is ended by the Data Element Terminator Code. The remainder of the record is left blank and the required Continuation Indicator Code is entered in position 80.

(b) The next record (record 11) is blank in the MRC field ; a Print Control Code of "1" is entered in position 45, and the phrase NON-DEFINITIVE GOVERNMENT SPEC/STND REFERENCE" is entered beginning in position 46. As that phrase cannot be entirely accommodated on this record, the Continuation Indicator Code is entered in position 80.

NOTE : The phrases "MFR SOURCE CONTROLLING REFERENCE" or "DEFINITIVE GOVERNMENT SPEC/STD REFERENCE" may be entered as SR-1 data in lieu of NON-DEFINITIVE GOVERNMENT SPEC/STANDARD REFERENCE.

(c) The next record (record 12) is blank in the MRC field ; a Print Control Code with a value of "3" is entered in position 45 ; the remainder of the phrase is entered beginning in position 46 ; and the Control Character Code immediately follows the end of the phrase. The Reference Number follows immediately and is ended by the Data Element Terminator Code.

- A fixed field of 32 positions has been allocated for SR-1 Reference Number information. When a Reference Number requires less than the allocated 32 positions, the remainder of the field will be blank filled.
- As the 32 positions Reference Number cannot be entirely accommodated on record 12, the Continuation Indicator Code is entered in position 80.

(d) The Data Element Terminator Code will appear in the 33rd position which equates to position 60 of record 13. As record 13 is the last record in this sample Segment M record, position 80 is left blank.

NOTE : For complete details on the use of the Continuation Indicator Code, refer to paragraph 512.2 "SEGMENT RECORD USAGE GRID".

9. SR-5 data will be handled in the same way as SR-1 data. The characters "SR-5" will be recorded in the MRC field as shown on record 9, a Print Control Code with a value of "1" will be entered in position 45, and the phrase "THE MANUFACTURER'S DATA" will appear beginning in position 46, immediately followed by a Data Element Terminator Code. The remainder of the record will be blank through position 79, with a Continuation Indicator Code in position 80.

(a) The MRC field (positions 41-44) of the next record (as in record 10) will be blank, the Print Control Code field (position 45) will contain the value of "1" ; "MANUFACTURER'S CODE" will be shown as the Requirement Statement and the applicable NCAGE Code will be given as the reply data.

(b) As applies to the SR-1 data example in record 11, the next record will be also blank in the MRC field (positions 41-44) ; the Print Control Code (with a value of "1") will be entered in

position 45 ; and "DESIGN CONTROL REFERENCE" (as applicable to RNCC 3) will be reflected as the Requirement Statement. The actual Reference Number will be entered as the reply data.

10. The decoded characteristics data of the Segments M will be in the following sequence :

- IIG Section I data
- IIG Section III data (including MRC ZZZV)
- Standard MRCs (MRCs FEAT, ZZZS, ZZZT, ZZZW, ZZZY, ELRN, ELCD, and CRTL as applicable)
- Administrative MRC (MRC 9001)
- SR-1 Data
- SR-5 Data

NOTE :	Clear language replies shall be in English and may also be provided in the native language of the codifying NCB.

11. The using NCBs are responsible for developing and maintaining programs for printing the decoded characteristics description in the visible display they desire. The entire content of the visible display can be extracted from the output package as follows :

Data	Segment
NATO Stock Number	Output Header or Segment L (matched items)
Document Control Number	Output Header
Input Document Identifier Code	Output Header
Type of Item Identification Code	Segment A
IIG Number	Segment A
Item Name Code	Segment A
Decoded characteristics	Segment M

Sample Segment M Format Characteristics Data

Segment Data Portion of Segment M

Record	Position 41-44	Position 45	Position 46-79	Position 80
1	NAME	1	ITEM NAME@CIRCUIT BREAKER#	-
2	CPLM	1	MAXIMUM CONTINUOUS LOAD CURRENT	-
3		3	RATING PER POLE@12-5 AMPERES AC#	-
4	CPXC	1	TRIPPING TIME IN SECONDS@0-055 MIN	-
5		3	IMUM AT 200 PCT RATED CONTINUOUS	-
6		3	CURRENT#	-
7		2	0-950 MAXIMUM AT 200 PCT RATED CON	-
8		3	TINUOUS CURRENT#	-
9	SR-1	1	SPEC/STD CONTROLLING DATA#	-
10		1	COMMERCIAL AND GOVERNMENT ENTITY CODE @81349#	-
11		1	NONDEFINITIVE GOVERNMENT SPEC/STD	-
12		3	REFERENCE@MILC39019-5	-
13		3	#	-

Data in Print Format

MRC	Requirement Statement	Reply Data
	(1)	(2)
NAME	ITEM NAME	CIRCUIT BREAKER
CPLM	MAXIMUM CONTINUOUS LOAD CURRENT RATING PER POLE	12.5 AMPERES AC
CPXC	TRIPPING TIME IN SECONDS	0.055 MINIMUN AT 200 PCT RATED CONTINUOUS CURRENT 0.950 MAXIMUM AT 200 PCT RATED CONTINUOUS CURRENT
SR-1	SPEC/STD CONTROLLING DATA MANUFACTURERS CODE	81349
	NON-DEFINITIVE GOVERNMENT SPEC/STND REFERENCE	MILC 39019-5

SEGMENT P

DATA ELEMENT ORIENTED WITH RETURN CODE AND WITHOUT VALUE

(OUTPUT) (DRN 9113)

DIC	PSN	PIC	DOCUMENT CONTROL NUMBER 1015				NATO FMSN	ASSIGNED NATO STOCK NUMBER	SEGMENT CODE		SPSN/ NATO FMSN		DRN		RET CODE		SPSN/ NATO FMSN		DRN		RET CODE		SPSN/ NATO FMSN		DRN		RET CODE	CIC
			ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER																						
3920	1070	2867	4210	3720	2310	1000	1516	3960	8999		8328 /1516		0950		9480		8328 /1516		0950		9480		8328 /1516		0950		9480	8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46	47 48 49	50	51 52 53 54	55	56 57	58	59 60 61	62	63 64 65 66	67	68 69	70	71 72 73	74	75 76 77	78 79	80
											(1)						(1)						(1)					
A	X	N	X	A	N	X	N	N	A		X		X		X		X		X		X		X		X		X	X

NOTES : (1) THIS FIELD WILL CONTAIN EITHER :

A - THE SUBMITTED PACKAGE SEQUENCE NUMBER (8328) WHEN AN ERROR CONDITION(S) EXIST IN THE SUBMITTED TRANSACTION OR,

B - THE NATO FILE MAINTENANCE SEQUENCE NUMBER (1516) WHEN THE VALUE OF THE SUBMITTED DRN(S) IS DIFFERENT FROM THE VALUE OF THIS DRN IN THE TOTAL ITEM RECORD.

WHEN THE SUBMITTED VALUE OF THE ERRONEOUS DRN WAS CONTAINED IN TWO OR MORE RECORDS (OR CARD IMAGES), ONLY THE PSN OF THE RECORD (OR CARD IMAGE) THAT CONTAINED THE BEGINNING OF THIS ERRONEOUS DATA WILL BE GIVEN AS THE SPSN.

(2) REPEAT RECORD AS REQUIRED.

SEGMENT Q

DATA ELEMENT ORIENTED WITH VALUE AND RETURN CODE

(OUTPUT) (DRN 9114)

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015: ORIGINATOR CODE 4210	DOCUMENT CONTROL NUMBER 1015: SUBMITTER CODE 3720	DOCUMENT CONTROL NUMBER 1015: TRANSACTION DATE 2310	DOCUMENT CONTROL NUMBER 1015: DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999		SPSN/ NATO FMSN 8328 /1516		DRN 0950		RET CODE 9480		DRN VALUE 9975	DETC 8268		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46	47 48 49	50	51 52 53 54	55	56 57	58	59 60 61 62 63 64 65	66	67 68 69 70 71 72 73 74 75 76 77 78 79	80
A	X	N	X	A	N	X	N	(1) N	A		(6) X	(5)	X	(5)	X	(5)	(2) (7) X	(3) X	(4) X	X

NOTES:

(1) THIS FIELD WILL ALWAYS CONTAIN THE SUBMITTED NATO STOCK NUMBER.

(2) DATA ELEMENT WILL START IN POSITION 59 BUT THE FINAL POSITION CANNOT BE PRE-DETERMINED BECAUSE OF THE VARIABLE LENGTH OF THIS TYPE OF DATA. IN THE EVENT THIS FIELD CANNOT ACCOMMODATE THE ENTIRE DATA ELEMENT, THE ENTRY WILL BE CONTINUED ON SECOND (AND SUCCEEDING) RECORD(S), BEGINNING IN POSITION 47.

(3) THIS POSITION IS NOT PRECISE BECAUSE OF THE VARIABILITY OF THE PRECEDING DATA LENGTH. THE DATA ELEMENT IS REQUIRED TO BE SHOWN, HOWEVER, AND WILL APPEAR IN THE POSITION IMMEDIATELY FOLLOWING THE PRECEDING VARIABLE LENGTH DATA ELEMENT. IF DRN 9975 ENDS IN POSITION 79, THE DATA ELEMENT TERMINATOR CODE (8268) WILL APPEAR ON THE NEXT SUCCEEDING RECORD IN POSITION 47.

(4) POSITIONS REFLECTED FOR THESE ELEMENTS ARE REPRESENTATIVE ONLY, IF A SECOND/SUCCEEDING DATA GROUP OF SPSN OR NATO FMSN, DRN, RETURN CODE, DRN VALUE AND DATA ELEMENT TERMINATOR CODE CAN BE ENTIRELY ACCOMMODATED IN THE REMAINING UNUSED POSITIONS OF ANY GIVEN RECORD IT WILL BE STARTED IN THE POSITION IMMEDIATELY FOLLOWING THE PRECEDING DATA ELEMENT TERMINATOR CODE. IF IT CANNOT BE SO ACCOMMODATED, IT WILL BE STARTED IN POSITION 47 OF THE SUCCEEDING RECORD, LEAVING ANY UNUSED POSITIONS BLANK, WITH DRN 8555 IN POSITION 80.

(5) THIS BLANK ONE-POSITION FIELD WILL BE REPEATED IN EACH SECOND/SUCCEEDING REPETITION OF THE DATA GROUP CONSISTING OF SPSN/NATO FMSN, DRN, RETURN CODE, DRN VALUE AND DATA ELEMENT TERMINATOR CODE.

(6) THIS FIELD WILL CONTAIN EITHER :

A - THE SUBMITTED PACKAGE SEQUENCE NUMBER (8328) WHEN AN ERROR CONDITION(S) EXIST IN THE SUBMITTED TRANSACTION, OR

B - THE NATO FILE MAINTENANCE SEQUENCE NUMBER (1516) WHEN THE VALUE OF THE SUBMITTED DRN(S) IS DIFFERENT FROM THE VALUE OF THIS DRN IN THE TOTAL ITEM RECORD.

WHEN THE SUBMITTED VALUE OF THE ERRONEOUS DRN WAS CONTAINED IN TWO OR MORE RECORDS (OR CARD IMAGES), ONLY THE PSN OF THE RECORD (OR CARD IMAGE) THAT CONTAINED THE BEGINNING OF THIS ERRONEOUS DATA WILL BE GIVEN AS THE SPSN.

(7) THIS FIELD REFLECTS :

A - SUBMITTED DRN VALUES WHICH ARE IN CONFLICT WITH OTHER SUBMITTED DATA OR WITH DATA RECORDED IN THE TIR, OR

B - VALUES OF DRN RECORDED IN THE TIR WHICH ARE DIFFERENT THAN THE SUBMITTED DATA.

SEGMENT R

DATA ELEMENT ORIENTED WITH VALUE

(INPUT,OUTPUT) (DRN 9115)

Group	Data element	DRN	Positions	Type	Note
	DIC	3920	1–3	A	
	PSN	1070	4–6	X	
	PIC	2867	7	N	
DOCUMENT CONTROL NUMBER 1015	ORIGINATOR CODE	4210	8–9	X	
DOCUMENT CONTROL NUMBER 1015	SUBMITTER CODE	3720	10–11	A	
DOCUMENT CONTROL NUMBER 1015	TRANSACTION DATE	2310	12–16	N	
DOCUMENT CONTROL NUMBER 1015	DOCUMENT CONTROL SERIAL NUMBER	1000	17–23	X	
	NATO FMSN	1516	24–26	N	
ASSIGNED NSN 3960	NATO SUPPLY CLASS	3990	27–30	N	
ASSIGNED NSN 3960	NIIN	4000	31–39	N	
	SEGMENT CODE	8999	40	A	
	DRN	0950	41–44	N	
			45		(4)
	DRN VALUE	9975	46–61	X	(1)
	DETC	8268	62	X	(2)
			63–79	X	(3)
	CIC	8555	80	X	

NOTES : (1) DATA ELEMENT WILL COMMENCE IN POSITION 46 BUT THE ACTUAL ENDING POSITION CANNOT BE PRE-DETERMINED BECAUSE OF THE VARIABLE LENGTH OF THIS TYPE OF DATA IN THE EVENT THIS DRN VALUE CANNOT BE COMPLETED ON POSITION 78 OF THIS RECORD. POSITION 80 WILL CONTAIN THE CONTINUATION INDICATOR CODE (DRN 8555) AND THE ENTRY WILL BE CONTINUED ON SECOND AND SUCCEEDING RECORD(S) BEGINNING IN POSITION 41.

(2) THIS POSITION IS NOT PRECISE BECAUSE OF THE VARIABILITY OF THE PRECEDING DATA LENGTH. THE DATA ELEMENT IS REQUIRED TO BE SHOWN, HOWEVER, AND WILL APPEAR IN THE POSITION IMMEDIATELY FOLLOWING THE PRECEDING VARIABLE LENGTH DATA ELEMENT.

(3) POSITIONS REFLECTED FOR THESE ELEMENTS ARE REPRESENTATIVE ONLY. IF A SECOND SUCCEEDING DATA GROUP OF DRN, DRN VALUE, AND DATA ELEMENT TERMINATOR CODE CAN BE ENTIRELY ACCOMMODATED IN THE REMAINING UNUSED POSITIONS OF ANY GIVEN RECORD THEY WILL BE STARTED IN THE POSITION IMMEDIATELY FOLLOWING THE PRECEDING DATA ELEMENT TERMINATOR CODE. IF THEY CANNOT BE FULLY ACCOMMODATED THEY WILL BE STARTED IN POSITION 41 OF THE SUCCEEDING RECORD, LEAVING ANY UNUSED POSITIONS BLANK, WITH DRN 8555 IN POSITION 80.

(4) THIS BLANK ONE-POSITION FIELD WILL BE REPEATED FOLLOWING THE DATA RECORD NUMBER (DRN 0950) IN EACH SUBSEQUENT REPETITION OF THE DATA GROUP COMPOSED OF DRN, DRN VALUE, AND DATA ELEMENT TERMINATOR CODE.

SEGMENT T

CANCELLATION / DELETE MOE RULE DATA

(INPUT) (DRN 9117)

DIC	PSN	PIC	DOCUMENT CONTROL NUMBER 1015					SEGMENT CODE	MOE RULE NUMBER		DELETION REASON	DATE, EFFECTIVE, LOGISTICS ACTION		REPLACEMENT NSN, CANCELLATION	
			ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER		ASSIGNED NATO STOCK NUMBER							
3920	1070	2867	4210	3720	2310	1000		3960	8999		8290	4540		2128		8875	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42 43 44 45	46	47	48	49 50 51 52 53	54	55 56 57 58 59 60 61 62 63 64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79 80
A	X	N	X	A	N	X		N	A		X		N		N		N	

SEGMENT V

CODED CHARACTERISTICS DATA

(INPUT, OUTPUT) (DRN 9118)

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	CODED CHARACTERISTICS DATA GROUP 3317	DETC 8268	CODED CHARACTERISTICS DATA GROUP 3317	SVTC 0339		CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000									
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57	58	59 60 61 62 63 64 65 66 67	68 69	70 71 72 73 74 75 76 77 78 79	80
A	X	N	X	A	N	X	N	N	A	(1) X	(2) X	(3) (5) X	(4) X		X

NOTES :

(1) THE FIELD SHOWING THIS DATA ELEMENT IS REPRESENTATIVE ONLY, THE ELEMENT WILL BEGIN IN THE FIRST POSITION AS SHOWN BUT OWING TO THE VARIABLE LENGTH OF THE ELEMENT, ITS END CANNOT BE PREDICTED. IN THE EVENT THE ENTRY CANNOT BE ACCOMMODATED ON THE FIRST RECORD, IT WILL BE CONTINUED IN A SECOND (OR SUCCEEDING) RECORD(S) BEGINNING IN POSITION 42. THE CODED CHARACTERISTICS DATA GROUP IS DETERMINED BY THE ORDER OF THE MRCS IN THE RELATED IIG.

(2) THE POSITION REFLECTED FOR THIS DATA ELEMENT IS REPRESENTATIVE ONLY, OWING TO THE VARIABLE LENGTH OF THE PRECEDING DATA ELEMENT. THIS CODE IS REQUIRED, HOWEVER, AND IT WILL APPEAR IN THE POSITION IMMEDIATELY FOLLOWING THE DATA ELEMENT TO WHICH IT APPLIES. IF DRN 3317 ENDS IN POSITION 79, POSITION 80 WILL CONTAIN THE CONTINUATION INDICATOR CODE AND DRN 8268 WILL BE ENTERED IN POSITION 42 OF THE NEXT SUCCEEDING RECORD.

(3) THIS FIELD IS REPRESENTATIVE ONLY. THE INITIAL POSITION CANNOT BE PREDICTED OWING TO THE VARIABLE LENGTH OF THE PRECEDING CODED CHARACTERISTICS DATA GROUP NOR CAN THE END OF THE FIELD BE PREDICTED AS THE LENGTH OF THIS DATA IS VARIABLE. A SECOND/SUCCEEDING CODED CHARACTERISTICS DATA GROUP WILL BEGIN IMMEDIATELY FOLLOWING THE PRECEDING DATA ELEMENT TERMINATOR CODE (DRN 8268). IN THE EVENT THE ENTRY CANNOT COMPLETELY BE ACCOMMODATED ON A RECORD, IT WILL BE CONTINUED ON A SUCCEEDING RECORD BEGINNING IN POSITION 42.

(4) THE POSITIONS REFLECTED FOR THIS DATA ELEMENT ARE REPRESENTATIVE ONLY, OWING TO THE VARIABLE LENGTH OF THE PRECEDING DATA ELEMENT. THE SEGMENT V TERMINATOR CODE -SVTC- (##) MUST APPEAR IN THE LAST RECORD OF THE SEGMENT IN THE POSITION IMMEDIATELY FOLLOWING THE LAST CODED CHARACTERISTICS DATA GROUP. IF THE LAST DRN 3317 ENDS IN POSITION 78, THE FIRST POSITION OF DRN 0339 WILL BE ENTERED IN POSITION 79, POSITION 80 WILL CONTAIN THE CONTINUATION INDICATOR CODE AND THE SECOND POSITION OF DRN 0339 WILL BE ENTERED IN POSITION 42 OF THE NEXT SUCCEEDING RECORD. IF THE LAST DRN 3317 ENDS IN POSITION 79, POSITION 80 WILL CONTAIN THE CONTINUATION INDICATOR CODE AND DRN 0339 WILL BE ENTERED IN POSITIONS 42 AND 43 OF THE NEXT SUCCEEDING RECORD.

(5) UNTIL 1993, FOR US OUTPUT ONLY, IF A SECOND/SUCCEEDING CHARACTERISTICS DATA GROUP CANNOT BE FULLY ACCOMMODATED IN THE REMAINING UNUSED POSITIONS OR ANY GIVEN RECORD, IT WILL BEGIN ON THE NEXT SUCCEEDING RECORD ON POSITION 42, LEAVING BLANK UNUSED POSITIONS FOLLOWING THE FIRST CHARACTERISTICS DATA GROUP.

SEGMENT W

PACKAGING DATA

(OUTPUT) (DRN 9127)

1st RECORD

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	PDSC 5148	PICA / SICA 5099		INTER-MEDIATE CONT QTY 5152	UNIT PACK WEIGHT 5153	UNIT PACK SIZE 5154	UNIT PACK CUBE 5155	PACK CAT CODE 5159	ITSC 5156		CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000														
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43 44 45	46 47 48	49 50 51 52 53	54 55 56 57 58 59 60 61 62 63 64 65	66 67 68 69 70 71 72	73 74 75 76	77	78 79	80
A	X	N	X	A	N	X	N	N	A	A	A		X	X	N	X	X	X		X

2nd RECORD

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	UNPACKAGED ITEM WEIGHT 5157	UNPACKAGED ITEM DIMENSIONS 5158	METH OF PRES 5160	CADPC 5161	PRES MAT CODE 5162	WRAP MAT CODE 5163	CUSH AND DUN MAT 5164	TCODC 5165	UNIT CONT CODE 5166	INT CONT CODE 5167	UCLC 5168		CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000															
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45	46 47 48 49 50 51 52 53 54 55 56 57	58 59	60	61 62	63 64	65 66	67	68 69	70 71	72	73 74 75 76 77 78 79	80
A	X	N	X	A	N	X	N	N	A	X	N	X	X	X	X	X	X	X	X	X	X

SEGMENT W (cont'd)

PACKAGING DATA

(OUTPUT) (DRN 9127)

3rd RECORD

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	SPEC MARK CODE 5169	PRCA 5170	PRCB 5171	PRCMP 5172	OPIC 5173	SUPPLEMENTAL INSTRUCTIONS 5174		CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000											
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42	43	44	45	46	47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72	73 74 75 76 77 78 79	80
A	X	N	X	A	N	X	N	N	A	X	X	X	X	A	X		X

4th RECORD

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	SUPPLEMENTAL INSTRUCTIONS (CONTINUED) 5174		CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000						
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73	74 75 76 77 78 79	80
A	X	N	X	A	N	X	N	N	A	X		X

SEGMENT W (cont'd)

PACKAGING DATA

(OUTPUT) (DRN 9127)

5th RECORD

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	SPECIAL PACKAGING INSTRUCTION NUMBER 5175	SPI REVISION 5176	SPI DATE 5177	CONTAINER NATIONAL STOCK NUMBER 5178	PACKAGING DESIGN ACTIVITY CODE 5179		CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000										
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50	51	52 53 54 55 56	57 58 59 60 61 62 63 64 65 66 67 68 69	70 71 72 73 74	75 76 77 78 79	80
A	X	N	X	A	N	X	N	N	A	X	A	N	N	X		X

SEGMENT Z

FUTURE DATA (See notes 1 and 2)

(OUTPUT) (DRN 9119)

Data element	DRN	Card positions	Type
DIC	3920	1 2 3	A
PSN	1070	4 5 6	X
PIC	2867	7	N
DOCUMENT CONTROL NUMBER 1015 – ORIGINATOR CODE	4210	8 9	X
DOCUMENT CONTROL NUMBER 1015 – SUBMITTER CODE	3720	10 11	A
DOCUMENT CONTROL NUMBER 1015 – TRANSACTION DATE	2310	12 13 14 15 16	N
DOCUMENT CONTROL NUMBER 1015 – DOCUMENT CONTROL SERIAL NUMBER	1000	17 18 19 20 21 22 23	X
		24 25 26	
ASSIGNED NATO STOCK NUMBER	3960	27 28 29 30 31 32 33 34 35 36 37 38 39	N
SEGMENT CODE	8999	40	A
DATE, EFFECTIVE, LOGISTICS ACTION	2128	41 42 43 44 45	N
DIC, ORIGINAL INPUT	3922	46 47 48	A
		49	
ORIGINATOR CODE	4210	50 51	X
		52	
DRN	0950	53 54 55 56	N
		57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80	

NOTES : (1) THE SEGMENT(S) THAT FOLLOW SEGMENT Z WILL BE AS FOLLOWS :

EITHER (A) - SEGMENT R IF THERE IS ONLY AN EFFECTIVE DATED DATA ELEMENT WHEN THE VALUE IN POSITIONS 53 TO 56 OF SEGMENT Z WILL BE 9115.

OR (B) - THE APPROPRIATE DATA SEGMENT IF ALL THE DATA IN THE SEGMENT IS EFFECTIVE DATED WHEN THE VALUE IN POSITIONS 53 TO 56 WILL BE THE DRN APPROPRIATE TO THAT SEGMENT, e.g. SEGMENT A-9100, SEGMENT B-9101, SEGMENT C-9102 ETC.

(2) SEE NEXT PAGES.

Segment Z Availability

1. Segment Z (Future Data) contains data which will be effective on a date in the future. This segment will be output by the NCB (when it is available) in conjunction with the following DICs :

DIC	TITLE	NOTE
KAT	Add TIR data	(1)
KFD	TIR file data	(1)
KFE	TIR file data for replacement of a cancelled NSN	(1)
KIR	Interrogation results	(2)
KMP	Potential match - Potential match (screening)	(2)
KPM	Processing malfunction	(1)

NOTES : (1) The Segment Z data provided will only contain future data applicable to the segments which are provided with this DIC.

(2) Segment Z will be included only when the future data is related to the segment(s) being provided as a result of interrogation of search request.

2. Whenever the future data contains a change in the NSC, a Segment Z will be provided regardless of the segments requested or normally provided with the listed DICs.

3. The use of Segment Z always necessitates the inclusion in the output package of the actual segment (B,E,H,R and T) containing the effective dated information :

Segment B - When an add or change MOE Rule is effective dated.

Segment E - Only when standardization code 3 or E is involved.

Segment H - Whenever a Management Data contains an effective date.

Segment R - When a NSC change is effective dated.

Segment T - When a cancellation/delete MOE Rule is involved with a future effective date.

4. When Segment Z (Future Data) is included in the output such as possible duplication(s) acquired during item identification processing or as a result of search or interrogation processing, the current data will be output first in the appropriate segment sequence. The Segment Z will follow the current data. In the variable format the segment of data which contains the future data will be included with the Segment Z. In the fixed format the segment of data which contains the future data will follow the Segment Z as a separate record.

Sub-Section 513 -
Formats for International Data Exchange via Telecommunication

513.1 Standard TC Header Format

Position	Definition	Instruction/Description
1	Precedence	The character "R" or "P" will be displayed. (R = Routine, P = Priority) The character "R" will be displayed when data is transmitted via commercial telephone lines.
2-3	Language and Media Format -LMF-	The characters "CC" will be displayed. (CC = Transmitted in 80 position record format)
4	Security Classification	The character "U" will be displayed. (U = Unclassified)
5-8	Content Indicator Code -CIC-	CIC IHFG will be displayed in messages to another country's data bank. CIC ZYVW will be displayed for TC Data Transmission Message Control (DIC KWA). ***EXCEPTION*** : The US NCB will use CIC IHFH for messages to other countries and CIC IHFR for DIC KWA. CIC ZYVW may also be used by US communication centers for transmitting narrative or service messages. CIC IAZZ will be displayed for VENUS Requisition Data Exchange
9	Separator	Blank position.
10-16	Originator	See AC/135 CodSP-23
17-20	Station Serial Number -SSN-	Sequentially assigned, one station serial number per message (i.e. 0001 to 9999 differentiated for each receiving country/NSPA , see Chapter IV, sub-paragraph 493.5.2.2).
21	Separator	Blank position.
22-24	Julian Day	Julian day number (001-366) message transmitted.

Position	Definition	Instruction/Description
25-28	Time Filed	Time of day (24 hour clock) message transmitted. The characters "0000" will be displayed when data is transmitted via commercial telephone lines.
29	Separator	Blank position.
30-33	Record Count	This field may reflect either the characters "MTMS" or the number of 80 position records in a message, including the header and EOT records. ***EXCEPTION*** : The Standard TC Header from the US NCB will reflect "MTMS" in this field when the message contains normal output data. When the message contains either cataloging input data, AC7 data, or KWA, this field may reflect either the number of 80 position records, including the header and EOT, or "MTMS" (MTMS = Magnetic Tape Message System). The characters "MTMS" will be constant displayed when data is transmitted via commercial telephone lines.
34	A Dash	Dash symbol (-).
35-38	Classification Redundancy	The characters in this field must be the same as the character in position 4 (i.e. UUUU).
39-40	Start-of-Routing Signal	Two dash symbols (--).
41-47	Addressee	See AC/135 CodSP-23
48	End-of-Routing Signal	Period symbol (.)
49-80	Separators	Blank positions.

513.2 **Transmission Instructions (from US only)**

Position	Definition	Instruction/Description
1-3	Operating Signal	The characters "ZNR" will be displayed.
4	Separator	Blank position.
5-9	Classification Redundancy	Classification character "U" repeated five times (i.e., UUUUU).

513.3 **Standard End-of-Transmission - EOT - Format**

Position	Definition	Instruction/Description
1-29		A repeat of the Standard TC Header data will be displayed.
30-33	Record Count	This field will reflect the number of 80 position records in the message, including the header and EOT records.
34-38		A repeat of the Standard TC Header data will be displayed.
39-76	Separators	Blank positions.
77-80	End-of-Transmission Signal	The characters "NNNN" will be displayed.

513.4 **Pilots Header Format**

(see Notes 1 and 2)

Position	Definition	Instruction/Description
1	Precedence	The character "R" or "P" will be displayed. (R = Routine, P = Priority)
2-3	Language and Media Format -LMF-	The characters "CC" will be displayed (CC = transmitted in 80 position record format).
4	Security Classification	The character "U" will be displayed (U = Unclassified).
5-8	Content Indicator Code -CIC-	CIC ZDKW will be displayed in messages retransmitted by a country/NSPA. CIC ZFDY will be displayed in messages retransmitted by a US switching station.
9	Separator	Blank position.

Position	Definition	Instruction/Description
10-16	Originator	See AC/135 CodSP-23
17-20	Station Serial Number-SSN-	The same number as shown on the Standard TC Header of the original message will be displayed.
21	Separator	Blank position.
22-24	Julian Day	Julian day number (001-366) message retransmitted.
25-28	Time Filed	Time of day (24 hour clock) message retransmitted.
29	Separator	Blank position.
30-33	Record Count	The characters PLTS (abbreviation of Pilots) will be displayed when a message is retransmitted by the communications center of a country/NSPA.
34	A Dash	Dash symbol (-).
35-38	Classification Redundancy	Each character in this field must be the same as the character in position 4 (i.e. UUUU).
39-40	Start-of-Routing Signal	Two dash symbols (--).
41-47	Addressee	See AC/135 CodSP-23
48	End-of-Routing Signal	Period Symbol (.)
49-80	Separators	Blank positions.

NOTES : (1) Pilots Header will not be used if retransmission to DLA Logistics Information Service starts later than 48 hours after first transmission.
(2) Pilots Header will not be used in TC transmission via commercial telephone lines.

SEGMENT D

DATA MESSAGE CONTROL SEGMENT

(OUTPUT) (DRN 0752)

DIC	PSN		ORIGINATOR CODE	DESTINATION ACTIVITY CODE	DATE OF STATION SERIAL NUMBER	DOCUMENT CONTROL SERIAL NUMBER	SEGMENT CODE	STATION SERIAL NUMBER(S)	TC MESSAGE COUNT
3920	1070		4210	3880	0753	1000	8999	0754	0755
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24	25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76	77 78 79 80
A	X		X	A	N	X	A	X	N

Section 520 - Document Identifier Codes -DIC- used for International Transactions

Sub-Section 521 - Basic Concepts

521.1 Three (3) character Document Identifier Codes -DIC- (DRN 3920 ; see Section 540) are used for international transactions in which the first character signifies input or output (see Paragraph 521.2) and the second identifies the type of action (see Paragraph 521.3).

521.2 All input transactions are identified by the letter "L" and all output transactions by the letter "K".

521.3 Unique DICs have been assigned to identify all uncommon conditions. Significant codes have been assigned where possible to relate the second character of the DIC to the action represented by the transaction. Visibility has been incorporated as follows :

2nd character of DIC

A - Add

B - Reinstate

C - Change

D - Delete

K - Cancel

S - Screening search

T - Interrogation

521.4 Significance has also been given to the 3rd character of the DIC whenever possible. For example LAR identifies an input transaction to add a Reference, KDU identifies an output transaction to delete a user (MOE Rule Number).

521.5 Sub-Section 522 and Sub-Section 421 give the Input DICs authorized for requests for codification services. Sub-Section 523 gives the Output DICs used to reply to such requests and to distribute file maintenance data for items for which other countries or NSPA are recorded as a user.

521.6 Cross-references between Input and Output DICs are given in Sub-Section 524 and 525. Sub-Section 526 gives an explanation of Input DICs, other than those given in Sub-Section 522 that may appear in Output transactions.

Sub-Section 522 - Document Identifier Codes, Input -DIC INPUT-

DIC	TITLE	EXPLANATION	SEGMENTS RECORDS
L07	Request for Codification and Registration of User by Automation	Used to forward by automation to the codifying NCB relevant information concerning one or more LSA requests pertaining to specific equipment or group of closely related items of supply.	R
L23	Proposal for Cancellation of NSN	Used to request concurrence or nonconcurrence on NSN proposals.	IH-R (See Note 4)
LAR	Add Reference(s) and Related Codes	Used to add a Reference(s) and its (their) mandatory Related Reference Number Codes (i.e. RNAAC, DAC, RNCC, RNVC, etc.) to an existing Item Identification.	C
LAU	Add MOE Rule Number	Used to add a MOE Rule Number (which represents the user of a NSN) to an existing NSN.	B
LCR	Change of Reference Related Codes	Used to change the Reference Number Codes related to a Reference recorded in the TIR for an existing item identification. Permissible data elements are Document Availability Code, Reference Number Category Code, Reference Number Format Code, Reference Number Status Code, Reference Number Variation Code.	C
LDR	Delete Reference(s) and Related Codes	Used to delete a Reference(s) and Related Reference Number Codes (i.e. RNAAC, DAC, RNCC etc.) recorded against an existing Item Identification.	C
LDU	Delete MOE Rule Number	Used to delete a MOE Rule Number recorded against an existing NSN.	T
LFN	Follow-up Interrogation	Used to interrogate another NCBs file to determine the status of a previously submitted transaction for which no output data has been received within the required timeframe.	R

DIC	TITLE	EXPLANATION	SEGMENTS RECORDS
LMD	Multiple DIC Input	Used as the primary Input DIC when multiple transactions are submitted under the same Document Control Number for an existing Item Identification.	IH (See Note 1)
LSA	Codification and Registration of User	Used as a request for codification of an item described by a Reference or group of References and where possible, by physical or performance characteristics data, and to register as a user of the corresponding Item Identification.	2 (See Note 2) V (See Note 5)
LTI	Interrogation by NIIN	Used to interrogate for complete or selected file data recorded against a specific item.	R (See Note 3)

NOTES :

1. The Input Header is followed by Segments C containing the appropriate DICs.
2. A maximum of three References is allowed.
3. This interrogation can also be used to update an existing item identification or to add a missing item identification to the TIR.
4. (a) See the special note for Input Header in Sub-Section 512.
   (b) The L23 is followed by KIR data on the replacement NSN if the proposed action is LKU.
5. Segment V in support of a LSA is optional.

Sub-Section 523 - Document Identifier Codes, Output

DIC	TITLE	EXPLANATION	SEGMENTS RECORDS
K23	Reply to Proposal for Cancellation of NSN	Used to reply to NSN cancellation requests submitted on L23 Input.	R
K27	Return of a Request for Codification	Used to forward to the Subscriber relevant Information as to why the LSA requested under the given DCN has been rejected or will be transacted with revised Reference.	OH, R
KAD	Add Data Element(s)	The data element(s) reflected in this Segment R record and identified by the applicable Data Record -DRN- and value has (have) been added to the NSN reflected in the Output Header.	OH, R
KAM	Add Materiel Management Data	The input transaction identified by the DIC in the Output Header has been processed, and the data has been recorded in the TIR as “current” or “future” as indicated by the effective date reflected in the Segment H.	OH, H
KAR	Add Reference(s) and Related Codes	The Reference(s) and related Codes (i.e. RNAAC, DAC, RNCC etc.) reflected in the Segment C record(s) have been added to the TIR for the NSN reflected in the Output Header.	OH, C
KAS	Add Standardisation Relationship	A submittal (for or by the activity responsible for originating standardisation decisions) to add a standardisation replacement relationship to a NSN “not authorised for procurement” being replaced by a NSN “authorised for procurement”, has been processed and approved.	OH, E
KAT	Add TIR Data	Forwarded is the TIR data generated as a result of your activity being added as a user of this Item Identification or as a result of a new NSN assignment.	OH, A, B, C, (E), (H), M or V, (Z)
KAU	Add MOE Rule Number(s)	The MOE Rule Number which represents a user of the Item Identification has been recorded in the TIR for the NSN reflected in the Output Header.	OH, B

DIC	TITLE	EXPLANATION	SEGMENTS RECORDS
KCD	Change Data Element(s)	The data element(s) other than the NATO Supply Class -NSC- reflected in this Segment R record and identified by the applicable Data Record Number -DRN- and value has been changed for the NSN reflected in the Output Header.	OH, R
KCG	Change NATO Supply Class -NSC-	The NATO Supply Class -NSC- or the NSC and other data element(s) reflected in this Segment R record and identified by the applicable Data Record Number -DRN- and value has been changed for the NSN reflected in the Output Header.	OH, R
KCM	Change Materiel Management Data	The Input transaction identified by the DIC in the Output Header has been processed, and the data has been recorded in the TIR “current” or “future” as indicated by the effective data reflected in the Segment H.	OH, H
KCR	Change of Reference Related Codes	One or more Reference Number Codes (i.e. RNFC, RNAAC, DAC, RNCC, RNVC, RNSC) related to the Reference Number reflected in this Segment C, has been changed in the TIR for the NSN reflected in the Output Header. The Reference Number Justification Code (RNJC) may be added but not changed under this DIC.	OH, C
KCS	Change Standardisation Relationship	A submittal (for or by the activity responsible for originating standardisation decisions) to change data in a standardisation relationship has been processed and approved. A change in the relationship data has been made to either the Item Standardisation Code, the originator of the standardisation decision, the Date of Standardisation Decision or combinations of the three.	OH, E
KCZ	Change Item Standardisation Code	A submittal (for or by the activity responsible for originating standardisation decisions) to change record Item Standardisation Code data for a NSN not included in a standardisation relationship has been processed and approved.	OH, E

DIC	TITLE	EXPLANATION	SEGMENTS RECORDS
KDD	Delete Data Element(s)	The data element(s) reflected in this Segment R record and identified by the applicable data Record Number has (have) been deleted from the NSN reflected in the Output Header.	OH, R
KDM	Delete Materiel Management Data	The input transaction identified by the DIC has been processed, and the action recorded in the TIR “current” or “future” as indicated by the effective data reflected in Segment H.	OH, H
KDR	Delete Reference(s) and Related Codes	The Reference(s) and related Reference Number codes reflected in the Segment C record(s) have been deleted from the TIR for the NSN reflected in the Output Header.	OH, C
KDS	Delete Standardisation Relationship	A submittal (for or by the activity responsible for originating standardisation decisions) to delete a standardisation replacement relationship of a NSN “not authorised for procurement” being replaced by a NSN “authorised for procurement” has been processed and approved.	OH, E
KDU	Delete MOE Rule Number	The MOE Rule Number reflected in Segment B has been deleted from the TIR for the NSN reflected in the Output Header.	OH, B
KFA	TIR file data for match through association	Your submittal is a possible duplication of an existing NIIN revealed by a reference number match through associated code relationship screening Total Item Record (TIR) data - Coded KFA - is forwarded.	L, A, B, C, (E), (H), M or V, (Z)

DIC	TITLE	EXPLANATION	SEGMENTS RECORDS
KFD	TIR File Data	TIR file data forwarded because the submitted NIIN : (1) was previously cancelled as a duplicate (the KFD data is for the duplicate item), or (2) was cancelled to use another item of supply (the KFD data is for the "use" item), or (3) was cancelled with replacement (the KFD data is for the replacement item), or (4) is inactive (no recorded MOE Rule Number), or (5) is still active (KFD data is for the duplicate item), or (6) contained error conditions found during processing which prohibit introducing the submitted data into the TIR, or (7) is a possible duplicate of an existing NIIN. **NOTE :** When the replacement NSN(s) has (have) been assigned by another NCB KFD output will not be forwarded unless it is secondary output to DIC KRP.	Either: L, A, B, C, (E), (H), M or V, (Z) Or: L, K
KFE	TIR File Data for Replacement of a Cancelled NSN (secondary output in reply to LTI only)	This DIC is used as secondary output to KFS to forward TIR data (except characteristics data) for the replacement NSN(s) of an item of supply that has been cancelled. When the replacement NSN(s) has (have) been assigned by another NCB only KFS is forwarder.	Either : L, A, B, C, (E), (H), (Z) Or: L, K

DIC	TITLE	EXPLANATION	SEGMENTS RECORDS
KFF	File Replacement Data	File data generated as output maintenance and used by the registered user to replace the existing file data. It may contain either: (1) The total Item Record data, or (2) When agreed for bilateral or NATO-wide special procedures, certain specified segment(s) only. When used for TIR the transaction will consist of the data segments specified by the requesting NCB. When used for less than TIR data the bilateral or NATO-wide agreement will specify whether an Output Header is to be used or not (e.g. Segment C only for Non-NATO Manufacturer's references). This does not require any input transaction.	as specified by bilateral or NATO-wide agreement
KFM	Notification to Increment NATO FMSN	The transaction represented by the input DIC reflected in the Output Header has been processed, the TIR updated, and the NATO File Maintenance Sequence Number incremented. You are recorded as data receiver for the NSN also reflected in the Output Header. However, mechanised output file maintenance data has been suppressed for your MOE Code.	OH
KFN	Follow-up Interrogation Results	Forwarded are the results of your follow-up Interrogation for the status of the Document Control Number reflected in the Segment R record of this transaction package. The current status of that Document Control Number is reflected by the Transaction Status Code also cited in the Segment R record.	OH, R
KFS	NIIN Status	Submitted NIIN is recorded in the TIR with NIIN Status Code reflected in this Segment K. When KFS is generated as secondary output to DIC KFN, Segment L will replace the Output Header.	Either: OH, K Or: L, K
KHN	NATO Manufacturer Data Maintenance	SSR file data generated as output for use by the recipient to replace the total existing data for the (relevant) NATO Commercial and Government Entity Codes.	8

DIC	TITLE	EXPLANATION	SEGMENTS RECORDS
KIR	Interrogation Result	Forwarded is the TIR and I&S file data requested by your country for the NSN reflected in the Output Header. When KIR is generated as secondary output to DIC KFN, or DIC L23, Segment L will replace the Output Header.	OH or L, requested segment(s)
KKD	Cancel - Duplicate	The NSN reflected in this Output Header has been cancelled as a duplicate of the NSN reflected in positions 54-66 of the Segment K record. The MOE Code(s) recorded on the NSN which was cancelled will be added to the duplicate NSN if not already recorded (except if this NSN has been assigned by another NCB). References will be added to the duplicate NSN, if processable. TIR data coded KAT for the duplicate NSN is forwarded (except if this NSN has been assigned by another NCB or if the MOE Code(s) is (are) already recorded on the duplicate NSN). The KKD and any other output transactions generated as a result of an LKD must each have different Document Control Serial Numbers (DCSNs) to prevent the intermingling of data packages (see Note 1).	OH, K
KKR	Cancel - Replace	(1) KKR is given for one of the following reasons : - The same NIIN was assigned to two different items of supply, therefore, it was necessary to cancel this NIIN and assign a new NSN to each item ; - The cancelled NSN represented an item of supply concept which was too broad and therefore has to be split into two smaller item of supply concepts, each of them represented by a replacement NSN. (2) The NSN reflected in positions 27-39 has been cancelled and replaced by the NSNs reflected in positions 54-66 and positions 68-80. TIR data coded KFD for replacement NSNs is forwarded. For a replacement NSN which has been assigned by another NCB no KFD data will be forwarded.	OH, K

DIC	TITLE	EXPLANATION	SEGMENTS RECORDS
KKU	Cancel - Use	The NSN reflected in this Output Header has been “cancelled to use” with the NSN in the Segment K record. The MOE Rule(s) recorded on the NSN which was cancelled, will be added to the “use” NSN if not already recorded (except if this NSN has been assigned by another NCB). References will be added to the "use" NSN with appropriate RNCC/RNVC codes (see Chapter V, Tables 8 and 12) if processable. TIR data coded KAT for the replacement NSN is forwarded, except 1) if that NSN has been assigned by another NCB or 2) if the MOE Rule(s) is already recorded on the “use” NSN; in that case a KAU and/or KAR is forwarded. The KKU and any other output transactions generated as a result of an LKU must each have different Document Control Serial Numbers (DCSNs) to prevent the intermingling of data packages (see Note 1).	OH, K
KKV	Cancel - Invalid/Non Procurable	The NSN reflected in this Output Header has been “cancelled as invalid/non-procurable”.	OH, K
KMD	Multiple DICs	Used as the primary output DIC in the Output Header to indicate that this output contains multiple file maintenance output DICs under the same Document Control Number. KMD appears in the Output Header followed by other applicable file maintenance output DICs and associated segments which relate the processing results of selected input DICs within allowable combinations submitted under LMD.	OH

DIC	TITLE	EXPLANATION	SEGMENTS RECORDS
KMP	Partial Match	(1) Reference(s) which were submitted under one Document Control Number are matched to one or more NSNs which have more or less References recorded on the NSN. (2) The combination of INC / Part Number is recorded on one or more NSNs. **NOTE:** The option to allow more or less references recorded on the NSN is a matter of national discretion. In case of input DIC LSA (without RNJC) all segments as given in CodSP-21A are forwarded, if applicable.	L, A, B, C, (E), (H), M, or V, (Z)
KMR	Matching Reference (screening)	This Reference reflected in the Segment J created a match condition. The DIC reflected in the following Segment L identifies the type/degree of match conditions. References not matching will be identified by output DIC KNR. Reference(s) matched to a NSN assigned by another NCB will not create KMR output and the input transaction will be rejected. Segment 1 will be used in conjunction with this DIC when replacement NCAGE Code and submitted part number result in a match condition. Segment 1 will follow the Segment J record.	J, (1)
KMT	Standardisation Relationship Preferred Item Data	TIR data is forwarded for the standard or Replacement NSN which is related to a non-standard NSN encountered as a result of a submitted search transaction. This DIC is output subsequent to, and in addition to, file data for the matched NSN using the same control data elements.	L. A, B, C, (E), (H), M or V
KNR	No Match	Your submittal of Reference(s) to be screened against the TIR file to obtain the related NSN(s) has been processed, however, the submitted Reference(s) is (are) not recorded in the TIR.	J, (1)

DIC	TITLE	EXPLANATION	SEGMENTS RECORDS
KPA	Add Packaging Data	The input transaction identified by the DIC in the Output Header has been processed, and the data has been recorded in the TIR as “current” or “future” as indicated by the effective date reflected in the Segment W.	OH, W
KPC	Change Packaging Data	The Input transaction identified by the DIC in the Output Header has been processed, and the data has been recorded in the TIR as “current” or “future” as indicated by the effective data reflected in the Segment W.	OH, W
KPD	Delete Packaging Data	The input transaction identified by the DIC has been processed, and the action recorded in the TIR as “current” or “future” as indicated by the effective data reflected in Segment W.	OH, W
KPM	Processing Malfunction	This DIC signifies that output transactions were generated during a hardware/software malfunction, and reprocessing of input data has occurred after the erroneous condition has been corrected.	OH, A, B, C, (E), M or V, (Z)

DIC	TITLE	EXPLANATION	SEGMENTS RECORDS
KRE	Notification of Return	Segment P or Q may be used in conjunction with this DIC under the following conditions : Your NCB was recorded in the submitting activity field of a transaction represented by this Document Control Number which contained errors. The Segment P record will reflect only the Data Record Number(s) and the applicable Return Codes identifying the specific error condition(s). The Segment Q record will reflect the Data Record Number(s), the applicable Return Codes identifying the specific error conditions, and the value of each returned DRN. A maximum of 10 errors will be returned for an input transaction. Segment 1 will be used in conjunction with this DIC when a LSA results in a reject and the submitted NCAGE Code has been cancelled/replaced. Segment 1 will precede the Segment(s) P and/or Q.	OH, (1), P and / or Q
KRP	Notification of possible duplicate (submitter)	Used in the Output Header as the primary output DIC for screening to indicate that your submittal DIC LAR or LMD requesting addition of references is a possible duplicate of an existing NIIN - TIR data (KFD or KFA) for possible duplicate are forwarded.	OH
KRT	Notification of receipt of LSA	Output by the destination country upon receipt of an LSA request.	OH
KRU	Notification of Unprocessable Package	Your submittal is returned because at least one control element(s) required for processing was missing, invalid or not identifiable causing the transaction to be unprocessable, or because it was already recorded in the suspense file under the same Document Control Number.	OH, P or Q

DIC	TITLE	EXPLANATION	SEGMENTS RECORDS
KSR	Screening Results	Used in the Output Header as the primary output DIC for screening. One or more other output DICs (KMP, KMR, KMT or KNR) will be included to reflect the specific output screening result. The additional output will be part of this package and will immediately follow the KSR Output Header.	OH
KTD	Total Characteristics Data	Total characteristics data is forwarded as a result of : (1) Add, delete or change of characteristics data, or (2) Change of NSC only, or (3) Change of NSC and Item Code, or (4) Change of NSC and Type of Item Identification Code, or (5) Change of NSC, Item Name Code and Type of Item Identification Code. for the NSN reflected in the Output Header.	OH, A, M or V
KTN	Interrogated Data not Available	Your interrogation request for specific data elements or data chains has been processed; however, the requested data is not recorded in the TIR for the NSN reflected in the Output Header. When KTN is generated as secondary output to DIC KFN, Segment L will replace the Output Header.	Either : OH or : L
KWA	Telecommunication Data Transmission Message Control	An output message used to furnish telecommunication receivers the Telecommunication Station Serial Numbers and total number of Telecommunication messages generated for a specific date.	D

DIC	TITLE	EXPLANATION	SEGMENTS RECORDS
KWF	Telecommunication Data Reception Message Control	The KWF message created by the MBS control program is returned to the originator of the KWA message as an acknowledgement. The KWF messages will reflect exactly the information contained in the KWA messages as generated by the originator of the related Codification Data transmissions.	D

NOTES :

In this table, the "( )" indicates that the segment will be included, if available.

(1) This rule with respect to the specificity of the Document Control Serial Number (DCSN) applies only to those K-DIC transactions generated as a result of an LKD or an LKU transaction. The DCSNs of K-DIC transactions that are the result of domestic maintenance actions not performed by an LKD or an LKU may repeat.

Sub-Section 524 - Input DICs cross-referenced to possible Output DICs

DIC-Input	-	Possible DIC-Output
L07(1)(7)		
L23(1)	-	K23 KIR
L27(6)	-	K27
LAD	-	KAD KAM KAT KCM KFM
LAM	-	KAM
LAR(1)	-	KAR KFA KFD(2) KFS KRE KRP KRU
LAS	-	KAR KAS KDS
LAU(1)	-	KAM KAT KAU KFD(2) KFS KRE KRU
LBC	-	KAM KAT KCS
LBK	-	KAM KAT KCS
LBR	-	KAM KAT KCS
LBW	-	KAT KCS
LCC	-	KFM KTD
LCD	-	KAM KCD KCM KFM
LCG	-	KCG KCS KTD
LCM	-	KCM
LCP	-	KAM KAT
LCR(1)	-	KCR KCS KFM KRE KRU
LCS	-	KCS
LCU	-	KAM
LCZ	-	KCZ
LDD	-	KCM KDD KFM
LDM	-	KDM
LDR(1)	-	KDR KFD(2) KFM KFS KRE KRU
LDS	-	KDS
LDU(1)	-	KDU KFD(2) KFM KFS KRE KRU
(LFF	-	KFF(3)
LFN(1)	-	K27 KFE KFN KFS KIR KRE(8) KRU(8) KTN
LGF	-	KDR KMD
LGT	-	KCD KMD KTD
LKD	-	KAR KAS KAT KAU KCS KDS KFM KKD
LKU	-	KAR KAT KAU KCS KFM KKU
LKV	-	KCS KFM KKV
LMD(1)(4)	-	KAR KAS KCR KDR KFA KFD(2) KFM KFS KMD KRE KRP KRU
LNC	-	KAM KAS KAT
LNK	-	KAM KAS KAT

DIC-Input	-	Possible DIC-Output
LNR	-	KAM KAS KAT
LNW	-	KAS KAT
LPA	-	KPA KNA KRE KRU
LPC	-	KPC KNA KRE KRU
LPD	-	KPD KNA KRE KRU
LSA(1)	-	K27 KAM KAR KAT KAU KFD(2) KFS KMP KMR KMT KNR KRE(5) KRT KRU KSR
LTI(1)	-	KFE KFS KIR KRE KRU KTN

NOTES :

(1) Input DICs used for international transactions (see Sub-Section 522).

(2) Only output when required by Return Code in Segment P/Q of KRE.

(3) KFF is generated by a NCB as the result of a bilateral or NATO-wide agreement. An input transaction from the applicant's side is not foreseen. DIC LFF is only used to be mentioned in positions 42 to 44 of the KFF Output Header.

(4) For multiple DIC Input pertaining to CMD, the following cross- references apply under LMD :

LAU and LAM or LCM	-	KAU (only for first national user being added), KAM or KCM
LCG and LCM	-	KCG, KCM
LCU and LCM or LAM	-	KCM or KAM
LDU and LCM or LDM or LAD	-	KDU (only for last national user being deleted), KCM, KDM
LKD and LAD or LCM	-	KKD, KAT, KAR, KCM
LKV and LAD or LCM	-	KKV, KCM
LKU and LAD or LCM	-	KKU, KFD, KCM

(5) When the submitted reference(s) match a NSN of foreign origin (third country's NSN) KRE with Return Code AU will be forwarded.

(6) L27 is not applicable to NATO data exchange but may be used nationally to generate K27.

(7) L07 is an input transaction (equivalent to NATO Form AC/135-No 7) used to cover one or a group of related LSA transactions when transmitting. For output DICs, see DIC LSA.

(8) DICs KRE KRU must not be used during the LFN transaction processing study, but only during the input validation control (see paragraphs 562.6.1 and 562.6.2)

Sub-Section 525 - Output DICs cross-referenced to possible Input DICs

DIC-Output	-	Possible DIC-Input
K23	-	L23
K27(3)	-	LFN LSA
KAD	-	LAD
KAM	-	LAD LAM LAU LBC LBK LBR LCD LCP LCU LNC LNK LNR LSA
KAR	-	LAR LAS LKD LKU LMD LSA
KAS	-	LAS LKD LMD LNC LNK LNR LNW
KAT	-	LAD LAU LBC LBK LBR LBW LCP LKD LKU LNC LNK LNR LNW LSA
KAU	-	LAU LKD LKU LSA
KCD	-	LCD LGT
KCG	-	LCG
KCM	-	LAD LCD LCM LDD
KCR	-	LCR LMD
KCS	-	LBC LBK LBR LBW LCG LCR LCS LKD LKU LKV
KCZ	-	LCZ
KDD	-	LDD
KDM	-	LDM
KDR	-	LDR LGF LMD
KDS	-	LAS LDS LKD
KDU	-	LDU
KFD	-	LAR LAU LDR LDU LMD LSA
KFA	-	LAR LMD
KFE	-	LFN LTI
KFF(1)	-	LFF
KFM	-	LAD LCC LCD LCR LDD LDR LDU LKD LKU LKV LMD
KFN	-	LFN
KFS	-	LAR LAU LDR LDU LFN LMD LTI
KIR	-	LFN LTI L23
KKD	-	LKD
KKU	-	LKU
KKV	-	LKV
KMD	-	LGF LGT LMD
KMP	-	LSA
KMR	-	LSA
KMT	-	LSA
KNR	-	LSA
KPA	-	LPA

DIC-Output	-	Possible DIC-Input
KPC	-	LPC
KPD	-	LPD
KRE	-	LAR LAU LCR LDR LDU LFN LMD LSA LTI
KRP	-	LAR LMD
KRT	-	LSA
KRU	-	LAR LAU LCR LDR LDU LFN LMD LSA LTI
KSR	-	LSA
KTD	-	LCC LCG LGT
KTN	-	LFN LTI
KWA	-	See Note (2)
KWF	-	See Note (4)

NOTES :

(1) KFF is generated by a NCB as the result of a bilateral or NATO-wide agreement. An input transaction from the applicant's side is not foreseen. DIC LFF is only used to be mentioned in positions 42 to 44 of the KFF Output Header.

(2) DIC KWA notification enables the recipient to verify receipt of all data transmitted via Telecommunication.

(3) K27 is an output transaction used to forward information concerning a Return of a Request for Codification by ADP means.

DIC L27 may be used nationally for internal input to generate K27.

(4) The KWF message created by the MBS program is returned to the originator of the KWA message as an acknowledgement.

Sub-Section 526 - Explanation of Other Input DICs that may appear in Output Transactions

The DICs in the list below may appear as information in output data, although not in use by NATO countries. The titles are therefore given to provide a more indicative cross-reference.

DIC	Title
LAD	Add data element(s)
LAM	Add Materiel Management Data
LAS	Add standardization relationship
LBC	Reinstate item identification with partial characteristics (NIIN only)
LBK	Reinstate reference method item identification without characteristics (NIIN only)
LBR	Reinstate full descriptive method item identification with references
LBW	Reinstate descriptive method item identification without references
LCC	Change characteristics data
LCD	Change data element(s)
LCG	Change NSC or the NSC and Item Name Code, INC or Type of Item Identification Code
LCM	Change Materiel Management Data
LCS	Change standardization decision data in a standardization relationship
LCZ	Change item standardization data not in a standardization relationship
LDD	Delete data element(s)
LDM	Delete Materiel Management Data
LDS	Delete standardization relationship
LGF	Cancel-Replace Manufacturer's Code in TIR
LGT	Federal Item Identification Guide -FIIG- revision "put back".
LKD (1) to (5)	Cancel - Duplicate
LKR (6)(7)(8)	Cancel - Replace
LKU (2)(3)(9)(10)	Cancel - Use
LKV (11)	Cancel - Invalid/Non procurable
LNC	Request for NIIN assignment (descriptive method with partial characteristics)
LNK	Request for NIIN assignment (reference method)
LNR	Request for NIIN assignment (descriptive method with references)
LNW	Request for NIIN assignment (descriptive method without references)

NOTES :

(1) LKD transactions lead to the following changes in the TIR :

(a) cancellation of the item identification concept as a duplicate of another item identification concept ;

(b) transfer of the users of the cancelled item identification concept to the replacement item identification concept except when the latter is of foreign origin ;

(c) transfer of the Segment C data from the cancelled item identification concept to the replacement item identification concept.

(2) All transferred users shall receive KAT data for the replacement item identification concept. The other users of the replacement item identification concept shall receive KAU data.

(3) Transfers of reference data shall be communicated through KAR data.

(4) KAT data must come together with the KKD data and the Input DIC in positions 42-44 of the KAT Output Header must be LKD.

(5) All output packages (KAT, KAU, KAR) must contain a different Document Control Serial Number (DCSN) than the KKD to prevent intermingled data output packages. Positions 42-44 of the KAT Output Header must read LKD.

(6) LKR transactions lead to the cancellation and replacement of the involved item identification concept in the TIR.

The replacement item identification concepts are created in the TIR before the cancellation takes place.

(7) No transfer of data to the replacement item identification concept(s) is made.

(8) NCBs receiving the KKR and KFD output data should study the KFD data in view of eventual LAU action(s).

(9) LKU transactions lead to the following changes in the TIR:

(a) cancellation of the NSN to a replacement NSN;

(b) transfer of users of the cancelled NSN to the replacement NSN (except when the latter is of foreign origin);

(c) transfer of the Segment C data from the cancelled NSN to the replacement NSN with or without RNCC/RNVC changes (refer to Chapter V, Tables 08 and 12) if not already recorded on the replacement NSN.

(10) All output packages (KAT, KAU, KAR) must contain a different Document Control Serial Number (DCSN) than the KKU to prevent intermingled data output packages. Positions 42-44 of the KAT Output Header must read LKU.

(11) LKV transactions lead to the cancellation of the involved item identification concept in the TIR.

Section 530 - Contents and Formats of International Transactions

Sub-Section 531 - Introduction

531.1 International transactions used for the exchange of codification and other data are identified by a three (3) character Document Identifier Code -DIC- (see Section 520) and consist of a single data segment or a combination of data segments (see Section 510) each containing a specific combination of data elements (see Section 540) and for certain DICs the required data element may have a specific value.

531.2 Sub-Sections 532 and 533 give details of the record formats for input and output transactions and where required the specific data element values. The formats are described following a standard layout as follows :

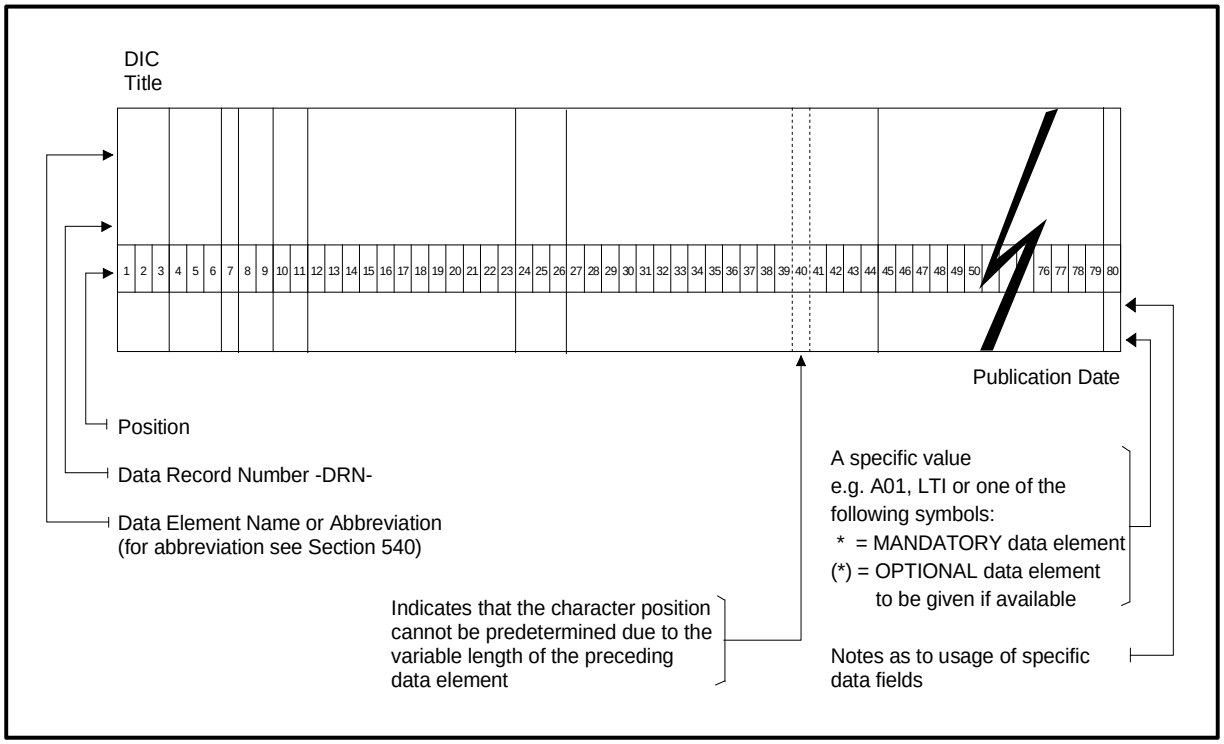


Figure V.2 - Record Format Standard Layout – International transactions

Sub-Section 532 - Record Formats for Input Transactions

LAR

ADD REFERENCE(S) AND RELATED CODES (See note 1)

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000		ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	RNFC 2920		RNCC 2910		RNVC 4780		DAC 2640		RNAAC 2900		RNSC 2923	RNJC 2750	REFERENCE 0846 NCAGE CODE 4140	REFERENCE NUMBER 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42 43	44	45	46	47	48	49	50 51	52	53	54	55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
LAR	*	*	*	*	*	*		*	(2) C	*		*		*		*		*		*	(*)	*	*		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000		ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	REFERENCE NUMBER (cont'd) 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
LAR	*	*	*	*	*	*		*	(2) C	*			2

NOTES : (1) SEE THE SPECIAL NOTES FOR SEGMENT C IN SUB-SECTION 512

(2) SEGMENT C MAY BE REPEATED IF IT IS REQUIRED TO ADD TWO OR MORE REFERENCES TO THE SAME NSN UNDER THE SAME DOCUMENT CONTROL NUMBER.

LAU

ADD MOE RULE NUMBER

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER		ASSIGNED NATO STOCK NUMBER	SEGMENT CODE	MOE RULE NUMBER		CIC
3920	1070	2867	4210	3720	2310	1000		3960	8999	8290		8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
LAU	Z01	*	*	*	*	*		*	B	*		1

LCR

CHANGE OF REFERENCE RELATED CODE (See note 1)

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000		ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	RNFC 2920	RNCC 2910	RNVC 4780	DAC 2640		RNSC 2923	REFERENCE 0846 NCAGE CODE 4140	REFERENCE NUMBER 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43	44 45	46 47	48 49 50 51 52		53 54	55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
LCR	*	*	*	*	*	*		*	(2) C	(3) (*)	(3) (*)	(3) (*)	(3) (*)		(3) (*)	*	*		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000		ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	REFERENCE NUMBER (cont'd) 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
LCR	*	*	*	*	*	*		*	(2) C		*		2

NOTES : (1) SEE SPECIAL NOTES FOR SEGMENT C IN SUB-SECTION 512.

(2) SEGMENT C MAY BE REPEATED IF IT IS REQUIRED TO CHANGE RELATED CODES FOR TWO OR MORE REFERENCE NUMBERS TO THE SAME NSN UNDER THE SAME DOCUMENT CONTROL NUMBER.

(3) ONLY THE CODE(S) TO BE CHANGED SHALL BE MENTIONED.

LDR

DELETE REFERENCE(S) AND RELATED CODES (See note 1)

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000		ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999		RNFC 2920		REFERENCE 0846 NCAGE CODE 4140	REFERENCE 0846 REFERENCE NUMBER 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43 44 45 46 47 48 49 50 51 52 53 54	55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
LDR	*	*	*	*	*	*		*	(2) C		*		*	*		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000		ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999		REFERENCE NUMBER (cont'd) 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
LDR	*	*	*	*	*	*		*	(2) C		*		2

NOTES : (1) SEE THE SPECIAL NOTES FOR SEGMENT C IN SUB-SECTION 512.

(2) SEGMENT C MAY BE REPEATED IF IT IS REQUIRED TO DELETE TWO OR MORE REFERENCES FROM THE SAME NSN UNDER THE SAME DOCUMENT CONTROL NUMBER.

LDU

DELETE MOE RULE NUMBER

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER		ASSIGNED NATO STOCK NUMBER	SEGMENT CODE		MOE RULE NUMBER	
3920	1070	2867	4210	3720	2310	1000		3960	8999		8290	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42 43 44 45	46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
LDU	Z01	*	*	*	*	*		*	T		*	

LFN

FOLLOW-UP INTERROGATION

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000		NIIN 4000	SEGMENT CODE 8999	DRN 0950		DIC INPUT 3921	DETC 8268	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26 27 28 29 30	31 32 33 34 35 36 37 38 39	40	41 42 43 44	45	46 47 48	49	50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
LFN	Z01	*	*	*	*	*		(1) (*)	R			(2) *	#	

NOTES : (1) IF NO NIIN IS APPLICABLE, POSITIONS 31 AND 32 WILL SHOW THE RESPECTIVE NCB CODE (FOR USA : 01) TO INDICATE THE ADDRESSEE.

(2) ALWAYS ENTER THE INPUT DIC FOR WHICH THE FOLLOW-UP IS BEING SUBMITTED
(APPLICABLE DICs : LAR, LAU, LCR, LDR, LDU, LMD, LSA).

LMD

MULTIPLE DIC INPUT (See note 1)

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000		ASSIGNED NATO STOCK NUMBER 3960	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
LMD	A01	*	*	*	*	*		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000		ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999		RNFC 2920		REFERENCE 0846			CIC 8555
													NCAGE CODE 4140	REFERENCE NUMBER 3570		
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43 44 45 46 47 48 49 50 51 52 53 54	55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
LDR	*	*	*	*	*	*		*	(2) C		*		*	*		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000		ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999		REFERENCE NUMBER (cont'd) 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
LDR	*	*	*	*	*	*		*	(2) C		*		2

LMD

MULTIPLE DIC INPUT (See note 1)

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000		ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	RNFC 2920		RNCC 2910		RNVC 4780		DAC 2640		RNAAC 2900		RNSC 2923	RNJC 2750	REFERENCE 0846 NCAGE CODE 4140	REFERENCE NUMBER 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43	44	45	46	47	48	49	50 51	52	53	54	55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
LAR	*	*	*	*	*	*		*	(2) C	*		*		*		*		*		*	(*)	*	*		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000		ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	REFERENCE NUMBER (cont'd) 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
LAR	*	*	*	*	*	*		*	(2) C		*		2

LMD

MULTIPLE DIC INPUT (See note 1)

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000		ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	RNFC 2920		RNCC 2910		RNVC 4780		DAC 2640		RNSC 2923		REFERENCE 0846 NCAGE CODE 4140	REFERENCE NUMBER 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43	44	45	46	47	48	49 50 51 52	53	54	55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
LCR	*	*	*	*	*	*		*	(2) C		(*)		(*)		(*)		(*)		(*)		*	*		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000		ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999		REFERENCE NUMBER (Cont'd) 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
LCR	*	*	*	*	*	*		*	(2) C		*		2

NOTES : (1) THE INPUT DIC LMD SHOULD ONLY BE USED WITH THE COMBINATION OF LDR AND/OR LAR AND/OR LCR.
FOR ONE INPUT DIC LMD, AT LEAST TWO DIFFERENT DICs ARE MANDATORY.

(2) a. SEE THE SPECIAL NOTES FOR SEGMENT C IN SUB-SECTION 512.

b. SEGMENT C MAY BE REPEATED IF IT IS REQUIRED TO ADD AND/OR DELETE TWO OR MORE REFERENCE(S) TO/OR FROM THE SAME NSN AND/OR TO CHANGE THE REFERENCE NUMBER RELATED CODES OF TWO OR MORE REFERENCE NUMBERS UNDER THE SAME DCN.

LSA

CODIFICATION AND REGISTRATION OF USER

1st RECORD (See note 1)

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER		DESTINATION ACTIVITY CODE		SIC	RNJC	RNFC	SEGMENT CODE		REFERENCE 0846		CIC
															NCAGE CODE	REFERENCE NUMBER	
3920	1070	2867	4210	3720	2310	1000		3880		3708	2750	2920	8999		4140	3570	8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28	29 30 31 32 33 34 35 36	37	38	39	40	41 42	43 44 45 46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
		(8)									(7)					(2)	(6)
LSA	*	*	*	*	*	*		*		C	(*)	*	2		*	*	*

2nd RECORD (See note 3)

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER		SEGMENT CODE		ITEM NAME CODE	NON-APPROVED ITEM NAME		NATO SUPPLY CLASS		CIC
3920	1070	2867	4210	3720	2310	1000		8999		4080	5020		3990		8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43	44 45 46 47 48	49 50 51 52 53 54 55 56 57 58 59 60 61 62	63	64 65 66 67	68 69 70 71 72 73 74 75 76 77 78 79	80
		(8)								(4)	(4)		(5)		(6)
LSA	*	*	*	*	*	*		2			*		*		2

SEGMENT V (See note 9)

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER		SEGMENT CODE		CODED CHARACTERISTICS DATA GROUP	DETC	CODED CHARACTERISTICS DATA GROUP	SVTC		CIC
3920	1070	2867	4210	3720	2310	1000		8999		3317	8268	3317	0339		8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57	58	59 60 61 62 63 64 65 66 67	68 69	70 71 72 73 74 75 76 77 78 79	80
		(8)								(10)		(10)			
LSA	*	*	*	*	*	*		V		*	#	*	##	*	

LSA - Notes

(1) For an LSA Transaction containing multiple references repeat the first record of Segment 2, a maximum of 3 references is permitted.

(2) When a reference number (DRN 3570) exceeds 32 characters, the extra-long reference number indicator code (DRN 9380) will be submitted as the 32nd character and the entire reference number will be submitted by fax or e-mail message. If the extra-long reference number has been changed during the Codification process then the revised reference number will be sent by FAX or Telecom message to the submitting NCB (Remark: a K27 cannot be used for this purpose since there is insufficient space at block 701).

(3) The second record of Segment 2 is mandatory for NSN assignment under routine and acceleration procedure and can be included only once in a submittal : when several references are submitted the second record is part of the last segment and is consequently the last of the Package.

(4) DRN 4080 or 5020 are alternatives and should be entered in positions 44-48 or 44-62 respectively.

(5) The codifying country is not obligated to use the NSC that may appear in the NATO CLASS FIELD.

(6) Instruction for the assignment of the continuation indicator code -CIC- (DRN 8555) in position 80 of Segment 2 :

Numbers of Records		First Record	First Record	First Record	Second Record
a - with one first record	With second record (mandatory)	J			2
b - with two first records		1	J		2
c - with three first records		1	1	J	2

(7) When an RNJC is present, the differentiating characteristics data must be included in block 100 of the accompanying Form no 7 or DIC L07. If this LSA was previously submitted without an RNJC, use a different DCN for this input. LSA transactions have to be covered by a proper L07 in order to allow a timely execution.

(8) The Priority Indicator Code should be the same as the L07 transactions linked to the LSA transaction.

(9) Instructions for Segment V in support of a LSA :

- the provision of coded characteristics data (DRN 9118) is optional;
- clear text characteristics reply (DRN 4128) must be in English and may also be provided in the language of the producing country;
- the producing country remains the responsible for the approval of characteristics data.

(10) See special notes for Segment V in Sub-Section 512.

LTI

INTERROGATE BY NIIN

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER		NIIN	SEGMENT CODE	ODRC	
3920	1070	2867	4210	3720	2310	1000		4000	8999	4690	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26 27 28 29 30	31 32 33 34 35 36 37 38 39	40	41 42 43 44	45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
LTI	Z01	*	*	*	*	*		*	R	*	

L07

REQUEST FOR CODIFICATION AND REGISTRATION OF USER

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION CODE	DOCUMENT CONTROL SERIAL NUMBER 1000		DESTINATION ACTIVITY CODE	LOWEST DCN	HIGHEST DCN	8999 SEGMENT CODE	DRN	DRN VALUE	8268 DETC	CIC
3920	1070	2867	4210	3720	2310	NATO CODIF PROJECT CODE 1057		3880	2198	2199		0950	9975		8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19	20 21 22 23	24 25 26	27 28	29 30 31 32 33	34 35 36 37 38	39 40	41 42 43 44	45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61	62	63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
		(8)					(4)		(3)	(2) (3)	(2) (3)			(5) (6) (7)			
L07	*	*	*	*	*	*	AAAA		*	*	*	R	2179	* *	#		*

NOTES :

(1) THE SAME FIRST TWELVE POSITIONS OF THE DOCUMENT CONTROL NUMBER (DRNs 4210, 3720, 2310, 1057) ARE TO BE REPEATED IN ALL PACKAGES OF THE APPROPRIATE LSA GROUP ;

(2) ENTER THE LAST FOUR CHARACTERS OF THE DCN OF THE LOWEST AND THE HIGHEST LSA COVERED BY EACH L07 PACKAGES.
IF ONLY ONE LSA, ENTER WITH THE SAME VALUE IS BOTH FIELDS ;

(3) THESE FIELDS ARE TO BE ENTERED IN THE FIRST RECORD (A01) OF THE PACKAGE, ONLY ;

(4) WHEN TWO OR MORE L07 ARE INITIATED WITH THE SAME FIRST TWELVE POSITIONS OF THE DCN (DRN 1000) THEY WILL BE DIFFERENTIATED BY THE ALLOCATION OF A SERIAL NUMBER IN ALPHABETIC SEQUENCE OF "AAAA" (EX : "AAAB", "AAAC", ETC.) ;

(5) THE DATA CHAIN OF DRNs 0950, 9975 AND 8268 CAN BE REPEATED ;

(6) SEE ACODP-1, CHAPTER V, TABLE 131 FOR SPECIFIC INPUT INSTRUCTIONS ;

(7) DATA ELEMENT WILL COMMENCE IN POSITION 46 BUT THE ACTUAL ENDING POSITION CANNOT BE PRE-DETERMINED BECAUSE OF THE VARIABLE LENGTH OF THIS TYPE OF DATA IN THE EVENT THIS DRN VALUE CANNOT BE COMPLETED ON POSITION 78 OF THIS RECORD, POSITION 80 WILL CONTAIN THE CONTINUATION INDICATOR CODE (DRN 8555) AND THE ENTRY WILL BE CONTINUED ON SECOND AND SUCCEEDING RECORD(S) BEGINNING IN POSITION 41 ;

(8) THE PRIORITY INDICATOR CODE SHOULD BE THE SAME AS THE ONE OF LSA TRANSACTIONS LINKED TO THE L07 TRANSACTION.

SAMPLES OF L07 TRANSACTIONS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
L	L	L	L	L	L	L	L	L	L	N	N	N	N	N	N	K	K	N	N	A	A	A	A	A	A	Z	G			8	0	4	6		8	0	4	6		R	R	R	R	R	R	R	R	R	R	0	5	8	8	8	8	9	9	0	1	2	3	4	5	1	3	6	0	1	W	B	D	N	D	2	Y	N	#	/	E	N	I	0	A	0	5	#	/	2	A	N	7	V	7	2	A	1	P	2	O	O	Y	0	5	1	#	7	O	C	3	A	7	2	1	9	6	O	I	9	7	1	0	0	N	I	R	9	7	0	1	T	0	9	2	8	R	D	8	0	D	7	O	F	6	9	0	R	0	L	I	2	9	A	H	2	5	N	4	W	0	S	X	/	N	I	H	#	Y	8	A	/	Y	N	O	2	S	5	#	A	#	G	F	1	T	#	#	2	S	F	7	E	1	M	9	M	7	F	A	#	9	O	N	0	L	N	#	7	0	9	O	5	W	N	#	/	M	A	#	-	-	-	-	-	-	-	-	-	-
L	L	L	L	L	L	L	L	L	L	N	N	N	N	N	N	K	K	N	N	A	A	A	A	A	A	Z	G			2	0	5	8		2	0	6	2		R	R	R	R	R	R	R	R	R	R	0	5	8	8	8	8	9	9	0	1	1	3	4	5	1	3	0	0	0	5	R	P	D	A	D	N	N	I	N	#	O	L	/	2	R	2	/	O	T	.	2	C	N	2	M	2	A	E	J	1	K	M	1	8	Y	8	#	P	M	O	7	E	K	1	3	#	3	2	R	H	9	T	2	0	#	2	#	1	E	L	A	N	5	3	1	2	7	S	A	N	0	L	#	7	1	9	E	B	S	6	A	1	9	7	N	E	E	0	U	1	9	0	T	L	N	N	1	0	S	#	8	C	3	8	0	5	A	#	7	H	6	9	Q	0	1	2	M	U	2	A	1	N	I	0	S	4	/	N	2	S	#	S	2	A	/	1	I	2	E	#	A	7	T	1	M	1	#	9	I	7	B	1	O	9	L	4	0	N	Y	5	9	#	0	#	6	7	1	0	1	Y	5	#	N	2	/	#	A	#	-	-	-	-	-	-	-	-	-	-

L23

NATO STOCK NUMBER CANCELLATION PROPOSAL

FIRST RECORD

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER		DESTINATION ACTIVITY	
3920	1070	2867	4210	3720	2310	1000		3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28	29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
L 2 3	*	*	*	*	*	*		*	

SECOND OR FINAL RECORD

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER		NSN PROPOSED FOR CANCELLATION	SEGMENT	DRN		DRN VALUE	DETC	DRN		DRN VALUE	DETC	DRN		DRN VALUE	DETC		CIC
3920	1070	2867	4210	3720	2310	1000		3960	8999	0950		9975	8268	0950		9975	8268	0950		9975	8268		8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45	46 47 48	49	50 51 52 53	54	55	56	57 58 59 60	61	62 63 64 65 66 67 68 69 70 71 72 73 74	75	76 77 78 79	80
L 2 3	*	4	*	*	*	*		*	R	(1) 3921	(1)	(1) *	#	(2) 6998	(2)	(2) *	#	(3) 8875	(3)	(3) *	#		(5)

THIRD, FOLLOWING, OR FINAL RECORD

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER		NSN PROPOSED FOR CANCELLATION	SEGMENT	DRN		DRN VALUE	DETC	CIC
3920	1070	2867	4210	3720	2310	1000		3960	8999	0950		9975	8268	8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45	46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78	79	80
L 2 3	*	4	*	*	*	*		*	R	(4) 6999	(4)	(4) *	#	(5)

Segment R is defined as "Data Element Oriented With Value" : DRN 0950 + Blank + DRN 9975 + #

NOTES :

(1) DRN 0950 value will be 3921 in positions 41-44 (2nd Record)
DRN 9975 value will be LKD, LKU or LKV, as applicable in positions 46-48 (2nd Record)

(2) DRN 0950 value will be 6998 in positions 50-53 (2nd Record)
DRN 9975 value will be the Reason Code (see Table 136, Reason Codes in DIC L23) in position 55 (2nd Record)

(3) On **LKD or LKU** :
- DRN 0950 value will be 8875 in positions 57-60 (2nd Record)
- DRN 9975 value will be the Replacement NSN in positions 62-74 (2nd Record)

On **LKV** there is no Replacement NSN :
- DRN 0950 value will be blank in positions 57-60 (2nd Record)
- DRN 9975 value will be blank in positions 62-74 (2nd Record)

(4) On **LKD, LKU or LKV** :
If DRN 6998 (Reason Code for proposed cancellation of NSN) value is F :
- DRN 0950 value will be 6999 in positions 41-44 (3rd Record)
- DRN 9975 value will be the explanatory statement from position 46 (3rd Record). If the statement extends beyond position 79, a hyphen (-) Continuation Indicator Code will appear in position 80 and the explanation will continue in position 41 on the next Segment R record. The explanation may continue for as many lines as needed, as long as a hyphen (-) is entered in position 80 when continuation to the next line is necessary. When the statement is complete, it will be followed immediately by a crosshatch (#)

(5) Put a hyphen (-) in this position except when it is the final or only one Segment R record, in which case it will be blank

SAMPLES OF L23 INPUT

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
L	2	3	A	0	1	4	N	O	Z	K	8	9	1	4	0	A	A	R	4	3	2	1				Z	N																																																				
L	2	3	A	0	2	4	N	O	Z	K	8	9	1	4	0	A	A	R	4	3	2	1				6	6	2	5	9	9	2	3	5	4	6	2	0	R	3	9	2	1		L	K	D	#	6	9	9	8		F	#	8	8	7	5		6	6	2	5	1	2	1	0	5	1	6	7	3	#					-
L	2	3	A	0	3	4	N	O	Z	K	8	9	1	4	0	A	A	R	4	3	2	1				6	6	2	5	9	9	2	3	5	4	6	2	0	R	6	9	9	9		I	T	E	M		E	L	I	M	I	N	A	T	E	D		B	Y		M	A	N	U	F	A	C	T	U	R	E	R	#			
K	I	R	A	0	4	4	N	O	Z	K	8	9	1	4	0	A	A	R	4	3	2	1	0	0	7	5	9	3	0	1	4	5	8	1	4	6	9	8	L																																								
K	I	R	A	0	5	4	N	O	Z	K	8	9	1	4	0	A	A	R	4	3	2	1	0	0	7	5	9	3	0	1	4	5	8	1	4	6	9	8	A	T	2	1	3	-	L	O	8	5	9	0	0	V	E	N	,	T	U	N	E	D		C	I	R	C	U	I	T			2	6	A						
K	I	R	A	0	6	4	N	O	Z	K	8	9	1	4	0	A	A	R	4	3	2	1	0	0	7	5	9	3	0	1	4	5	8	1	4	6	9	8	B	Z	N	0	1																																				1
K	I	R	Z	0	7	4	N	O	Z	K	8	9	1	4	0	A	A	R	4	3	2	1	0	0	7	5	9	3	0	1	4	5	8	1	4	6	9	8	C		4		3		2		5		9	Z		D		K	0	4	8	0	A	5	7	0	1	-	6	7	5	2											1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
L	2	3	A	0	1	4	N	O	Z	K	8	9	1	4	0	A	A	R	4	3	2	1				Z	N																																																				
L	2	3	A	0	2	4	N	O	Z	K	8	9	1	4	0	A	A	R	4	3	2	1				6	6	2	5	9	9	2	3	5	4	6	2	0	R	3	9	2	1		L	K	U	#	6	9	9	8		C	#	8	8	7	5		6	6	2	5	1	2	1	0	5	1	6	7	3	#					
K	I	R	A	0	3	4	N	O	Z	K	8	9	1	4	0	A	A	R	4	3	2	1	0	0	7	5	9	3	0	1	4	5	8	1	4	6	9	8	L																																								
K	I	R	A	0	4	4	N	O	Z	K	8	9	1	4	0	A	A	R	4	3	2	1	0	0	7	5	9	3	0	1	4	5	8	1	4	6	9	8	A	T	2	1	3	-	L	O	8	5	9	0	0	V	E	N	,	T	U	N	E	D		C	I	R	C	U	I	T			2	6	A						
K	I	R	A	0	5	4	N	O	Z	K	8	9	1	4	0	A	A	R	4	3	2	1	0	0	7	5	9	3	0	1	4	5	8	1	4	6	9	8	B	Z	N	0	1																																				1
K	I	R	Z	0	6	4	N	O	Z	K	8	9	1	4	0	A	A	R	4	3	2	1	0	0	7	5	9	3	0	1	4	5	8	1	4	6	9	8	C		4		3		2		5		9	Z		D		K	0	4	8	0	A	5	7	0	1	-	6	7	5	2											1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
L	2	3	A	0	1	4	T	X	Z	Z	8	9	1	4	0	M	A	R	4	3	2	1				Z	G																																																				
L	2	3	Z	0	2	4	T	X	Z	Z	8	9	1	4	0	M	A	R	4	3	2	1				6	6	2	5	0	1	2	3	5	4	6	2	2	R	3	9	2	1		L	K	V	#	6	9	9	8		A	#																								

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
L	2	3	A	0	1	4	D	X	Z	G	8	9	1	4	0	M	A	R	4	3	2	1				Z	Z																																																				
L	2	3	A	0	2	4	D	X	Z	G	8	9	1	4	0	M	A	R	4	3	2	1				5	9	0	5	1	2	0	3	5	4	6	2	3	R	3	9	2	1		L	K	V	#	6	9	9	8		F	#																								-
L	2	3	A	0	3	4	D	X	Z	G	8	9	1	4	0	M	A	R	4	3	2	1				5	9	0	5	1	2	0	3	5	4	6	2	3	R	6	9	9	9		M	A	N	U	F	A	C	T	U	R	E	R		H	A	S		W	I	T	H	D	R	A	W	N		P	R	O	D	U	C	T	-
L	2	3	Z	0	4	4	D	X	Z	G	8	9	1	4	0	M	A	R	4	3	2	1				5	9	0	5	1	2	0	3	5	4	6	2	3	R		F	R	O	M		M	A	R	K	E	T		F	O	R		S	E	C	U	R	I	T	Y		R	E	A	S	O	N	S	#						

Sub-Section 533 - Record Formats for Output Transactions

KAD

ADD DATA ELEMENT(S)

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KAD	A01	*	*	*	*	*	*	*	(1)	LAD		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	DRN 0950		DRN VALUE 9975	DETC 8268		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45	46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61	62	63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
KAD	*	*	*	*	*	*	*	*	R	(2) *		*	#		*

NOTES : (1) WHEN THIS DIC FORMS PART OF A KMD PACKAGE, THE OUTPUT HEADER RECORD IS NOT REQUIRED.

(2) SEE NEXT PAGES.

KAD
-
Table of DRNs that can be expected in DIC KAD Transaction

DRN	DATA NAME	Format
	Segment A	
4765	Reference or Partial Descriptive Method Reason Code	1X
0167	Demilitarization Code (this code will be received from the US and may be disregarded)	1A
	Segment B	
None		
	Segment C	
None		
	Segment E	
None		
	Segment H	
2128 (1)	Date, Effective, Logistics Action. The Date, Effective, Logistics Action (DRN 2128) is mandatory in a KAD transaction when any of the following DRNs are present :	5N
2833 (1)	Major Organizational Entity Code	2A
0137 (1)	Maintenance Action Code	2A
2934	Reparable Characteristics Indicator Code, DLA	1A
2892	Recoverability Code, Army	1A
2832	Material Control Code, Navy	1A
2655	Expendability, Recoverability, Reparability Category Code, Air Force	1A
2891	Recoverability Code, Marine Corps	1A
2680	Material Category Code, Army	5X
2665	Accounting Requirements Code, Army	1A
2695	Fund Code, Air Force	2A
3765	Air Force Budget Code, Management Data List	1X
2836	Materiel Management Aggregation Code, Air Force	2A
2959	Stores Account, Marine Corps	1N
3311	Combat Essentiality Code, Marine Corps	1N
2790	Management Echelon Code, Marine Corps	2X
4126	Materiel Identification Code, Marine Corps	1A
0572	Operational Test Code, Marine Corps	1N
0573	Physical Category Code, Marine Corps	1N
2608	Cognizance Code, Navy	2X

DRN	DATA NAME	Format
2834	Special Material Identification Code, Navy	2X
0132	Issue, Repair and/or Requisitioning Restriction Code, Navy	2X
0121	Special Material Content Code, Navy	1X
0217	Phrase Relationship Group	21X
2862 (2)	Phrase Code, Management Data List	1X
2893 (2)	Technical Document Number	20X
0802	Precious Metals Indicator Code	1X
0801	Automatic Data Processing Equipment Identification Code	1N

NOTES: (1) Informative data elements. For DRN 2833 and 0137 same field.

DRN 2833 (Major Organizational Entity Code) is mandatory for GSA only, when submittal is for GSA managed items for which GSA is not the CIMM for DoD services/agencies.

DRN 0137 (Maintenance Action Code) is mandatory for service submittals, including WIMM inputs.

When neither is applicable, the field will be left blank.

(2) Phrase Code "R" must accompany and will dictate requirements for DRN 2893. Phrase Codes N, V, T, numerics and symbols, when no replacement NSN is applicable, are permissible for this DIC.

KAM

ADD MATERIEL MANAGEMENT DATA

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KAM	A01	*	*	*	*	*	*	*		*		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999		DATE EFFECTIVE LOGISTICS ACTION 2128		MOE CODE 2833	PMIC 0802	ADP EIC 0801		AAC 2507	SOSC SOSMC 3690 2948	UIC 3050		NATO CUR CODE 0856	UNIT PRICE 7075		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48	49 50 51 52 53	54	55 56	57	58	59	60	61 62 63	64 65	66	67 68 69	70 71 72 73 74 75 76 77 78	79	80
KAM	*	*	*	*	*	*	*	*	H		*		*	*	*		*	*	*		*	*		*

KAM

ADD MATERIEL MANAGEMENT DATA

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	QUPC 6106	CIIC 2863	SHELF LIFE CODE 2943	MANAGEMENT CONTROL DATA	USI SERV CODE 0745	UNIT OF ISSUE CONVERSION FACTOR 3053	FORMER UNIT OF ISSUE 8472	CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43 44 45 46	47 48 49 50 51 52 53 54 55	56 57	58 59	60 61 62 63 64 65	66 67	68 69 70 71 72 73 74 75 76 77 78 79	80
KAM	*	*	*	*	*	*	*	*	H	*	*	*	(1) (*) (1) (*)		(*)	(*)	(*)		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	PHRASE CODE 2862	QUANTITATIVE EXPRESSION, RELATED NSN, TECHNICAL DOCUMENT NUMBER 8575/2895/2893	QUANTITY PER ASSEMBLY 0106	UNIT OF MEASURE OF RELATED NSN 0107	CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62	63 64 65	66 67 68	69 70 71 72 73 74 75 76 77 78 79 80
KAM	*	*	*	*	*	*	*	*	H	(*)	(1) (*)	(*)	(*)	*

NOTE : (1) SEE SPECIAL NOTES FOR SEGMENT H IN SUB-SECTION 512.

KAR

ADD REFERENCE(S) AND RELATED CODES

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KAR	A01	*	*	*	*	*	*	*	(1)	*		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	RNFC 2920	RNCC 2910	RNVC 4780	DAC 2640	RNAAC 2900	RNSC 2923	RNJC 2750	REFERENCE 0846 NCAGE CODE 4140	REFERENCE 0846 REFERENCE NUMBER 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45	46 47	48 49	50 51 52	53	54	55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
KAR	*	*	*	*	*	*	*	*	(2) (3) C	*	*	*	*	*	*	(*)	*	*		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	REFERENCE NUMBER (cont'd) 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
KAR	*	*	*	*	*	*	*	*	(2) (3) C	*		2

NOTES : (1) WHEN THE DIC FORMS PART OF A END OUTPUT PACKAGE THE OUTPUT HEADER RECORD IS NOT REQUIRED.

(2) SEE THE SPECIAL NOTES FOR SEGMENT C IN SUB-SECTION 512.

(3) SEGMENT C MAY BE REPLACED IF TWO OR MORE REFERENCES ARE TO BE ADDED TO THE SAME NSN UNDER THE SAME DOCUMENT CONTROL NUMBER.

KAS

ADD STANDARDIZATION RELATIONSHIP

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	REPLACED NSN, REPLACEMENT NSN, STANDADIZATION RELATIONSHIP 8977 / 9525		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KAS	A01	*	*	*	*	*	*	*		*		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	REPLACED NSN, REPLACEMENT NSN, STANDADIZATION RELATIONSHIP 8977 / 9525	SEGMENT CODE 8999	2650/8525 ISC	ORIG STDZ DEC 9325	DATE STDZ DEC 2300	NIIN STATUS CODE 2670	REPLACED NSN, REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP 8977 / 9525	2650/8525 ISC	ORIG STDZ DEC 9325	DATE STDZ DEC 2300	NIIN STATUS CODE 2670	DATE, EFFECTIVE LOGISTICS ACTIONS 2128
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42 43	44 45 46 47 48	49	50 51 52 53 54 55 56 57 58 59 60 61 62	63	64 65 66	67 68 69 70 71 72	73 74	75 76 77 78 79 80
KAS	*	*	*	*	*	*	*	*	(1) E	*	*	*	(*)	*	*	*	*	(*)	(*)

NOTE : (1) THE SEGMENT E RECORD IS REPEATED AS REQUIRED

KAT

ADD TOTAL ITEM RECORD DATA

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KAT	A01	*	*	*	*	*	*	*		(5) *		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	IIG NUMBER 4065	ITEM NAME CODE 4080	APPROVED/NON APPROVED ITEM NAME 5010/5020		TYPE II CODE 4820	RPDMRC 4765	DEMIL CODE 0167	DATE, NIIN ASSIGNMENT 2180	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46	47 48 49 50 51	52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70	71	72	73	74	75 76 77 78 79	80
KAT	A02	*	*	*	*	*	*	*	A	(*)	*	*		*	*	(*)	*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	MOE RULE NUMBER 8290		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
KAT	*	*	*	*	*	*	*	*	(1) B	*		1

KAT

ADD TOTAL ITEM RECORD DATA

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NATO FMSN	ASSIGNED NATO STOCK NUMBER	SEGMENT CODE	RNFC	RNCC	RNVC	DAC	RNAAC	RNSC	RNJC	REFERENCE 0846			CIC
																	NCAGE CODE	REFERENCE NUMBER		
3920	1070	2867	4210	3720	2310	1000	1516	3960	8999	2920	2910	4780	2640	2900	2923	2750	4140	3570		8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43	44 45	46 47	48 49	50 51	52 53	54	55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
KAT	*	*	*	*	*	*	*	*	(1) (2) C	*	*	*	*	*	*	(*)	*	*		*

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NATO FMSN	ASSIGNED NATO STOCK NUMBER	SEGMENT CODE			REFERENCE NUMBER (cont'd)		CIC
3920	1070	2867	4210	3720	2310	1000	1516	3960	8999			3570		8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
KAT	*	*	*	*	*	*	*	*	(1) (2) C			*		2

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NATO FMSN	ASSIGNED NSN REPLACED NSN, REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP	SEGMENT CODE	ISC	ORIG STDZ DEC	DATE STDZ DEC	NIIN STATUS CODE	REPLACED NSN, REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP	ISC	ORIG STDZ DEC	DATE STDZ DEC	NIIN STATUS CODE	
3920	1070	2867	4210	3720	2310	1000	1516	3960 / 8977 / 9525	8999	2650/8525	9325	2300	2670	8977 / 9525	2650/8525	9325	2300	2670	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42 43	44 45 46 47 48	49	50 51 52 53 54 55 56 57 58 59 60 61 62	63	64 65 66	67 68 69 70 71 72	73 74	75 76 77 78 79 80
KAT	*	*	*	*	*	*	*	*	(1) E	*	*	*	*	(*)	(*)	(*)	(*)	(*)	

KAT

ADD TOTAL ITEM RECORD DATA

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999		DATE, EFFECTIVE, LOGISTICS ACTION 2128		MOE CODE 2833	PMIC 0802	ADP EIC 0801		AAC 2507	SOSC, SOSMC 3690 2948	UIC 3050		NATO CUR CODE 0856	UNIT PRICE 7075		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48	49 50 51 52 53	54	55 56	57	58	59	60	61 62 63	64 65	66	67 68 69	70 71 72 73 74 75 76 77 78	79	80
KAT	*	*	*	*	*	*	*	*	(1) H		*		*	*	*		*	*	*		*	*		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999		QUPC 6106		CIIC 2863		SHELF LIFE CODE 2943			MANAGEMENT CONTROL DATA			USI SERV CODE 0745		UNIT ISSUE CONVERSION FACTOR 3053		FORMER UI 8472		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43	44	45	46	47	48	49 50 51 52 53 54 55	56	57	58	59	60 61 62 63 64 65	66	67	68 69 70 71 72 73 74 75 76 77 78 79	80
KAT	*	*	*	*	*	*	*	*	(1) H		*		*		*		(3) (*)	(3) (*)			(*)		(*)		(*)		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	PHRASE CODE 2862		QUANTITATIVE EXPRESSION, RELATED NSN, TECHNICAL DOCUMENT NUMBER 8575 / 2895 / 2893	QUANTITY PER ASSEMBLY 0106		UNIT OF MEASURE OF RELATED NSN 0107		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62	63 64 65	66	67 68	69 70 71 72 73 74 75 76 77 78 79	80
KAT	*	*	*	*	*	*	*	*	(1) H	(*)		(3) (*)	(*)		(*)		*

KAT

ADD TOTAL ITEM RECORD DATA

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	MRC 3445	PRINT CONT CODE 0234	REQUIREMENT STATEMENT 3614	CCC 8255	MRC DECODED REPLY FIELD 0113	DETC 8268	CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45	46 47 48 49 50 51 52 53 54 55 56 57 58 59	60	61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78	79	80
KAT	*	*	*	*	*	*	*	*	(1) (4) M	*	*	*	@	*	#	*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	CODED CHARACTERISTICS DATA GROUP 3317	DETC 8268	CODED CHARACTERISTICS DATA GROUP 3317	SVTC 0339	CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57	58	59 60 61 62 63 64 65 66 67	68 69	70 71 72 73 74 75 76 77 78 79	80
KAT	*	*	*	*	*	*	*	*	(1) (4) V	*	#	(2)	# #	*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	DATE, EFFECTIVE, LOGISTICS ACTIONS 2128	DIC, ORIGINAL INPUT 3922	ORIGINATOR CODE 4210	DRN 0950
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45	46 47 48 49	50 51 52	53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KAT	*	*	*	*	*	*	*	*	(2) Z	*	*	*	*

NOTES :
(1) THE SEGMENT B, C, E, H AND M OR V RECORDS ARE REPEATED AS REQUIRED.
(2) SEE THE SPECIAL NOTES FOR SEGMENT C, V AND Z IN SUB-SECTION 512.
(3) SEE SPECIAL NOTES FOR SEGMENT H IN SUB-SECTION 512.
(4) IF THE REFERENCE METHOD FOR IDENTIFICATION IS USED SEGMENT M OR V WILL NOT BE FURNISHED; FOR DESCRIPTIVE METHOD IDENTIFICATION SEGMENT M OR V WILL BE FURNISHED AS REQUESTED.
(5) WITH RESPECT TO CODIFICATION REQUESTS THIS FIELD WILL CONTAIN EITHER :
a - THE INPUT DIC LSA, OR
b - THE INTERNAL INITIATED L-DIC FOR PROCESSING THE CODIFICATION REQUEST AS MENTIONED IN PARAGRAPH 562.8.5 (2.b.)

KAU

ADD MOE RULE NUMBER(S)

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KAU	A01	*	*	*	*	*	*	*		*		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	MOE RULE NUMBER 8290		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
KAU	*	*	*	*	*	*	*	*	(1) B	*	1	

NOTES : (1) REPEAT SEGMENT B FOR EACH MOE RULE NUMBER (DRN 8290) TO BE ADDED.

KCD

CHANGE DATA ELEMENT(S) (See note 1)

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		DIC INPUT 3921		DAC 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KCD	A01	*	*	*	*	*	*	*	(3)	*		*	

DIO 3920	PS N 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	DRN 0950		DRN VALUE 9975	DETC 8268		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45	46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61	62	63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
KCD	*	*	*	*	*	*	*	*	R	(2) (4) *		(2) *	(2) #		*

NOTES : (1) IF THE CHANGED DATA ELEMENT(S) WAS FOR A TYPE 1, 1A, 1B, 4A OR 4B ITEM IDENTIFICATION, REVISED CHARACTERISTICS DATA (TOTAL DATA) WILL BE FURNISHED UNDER OUTPUT DIC KTD.

(2) THE DATA CHAIN OF DRNs 0950, 9975 AND 8268 CAN BE REPEATED.

(3) WHEN THIS DIC FORMS PART OF A KMD OUTPUT PACKAGE THE OUTPUT HEADER IS NOT REQUIRED.

(4) SEE NEXT PAGES FOR THE TABLE CONCERNING THE DRNs THAT CAN BE EXPECTED IN A KCD TRANSACTION.

KCD
-
Table of DRNs that can be expected in a DIC KCD Transaction

The DRNs present in a KCD transaction must follow the sequence listed in this table.

DRN	DATA NAME	Format
	Segment A	
4065	IIG Number	6X
4080 (1)	Item Name Code	5X
5010 (1)	Approved Item Name	19X (2)
5020	Non-approved Item Name	19X (2)
4820	Type of Item Identification Code	1X
4765	Reference or Partial Descriptive Method Reason Code	1X
0167	Demilitarization Code	1A
	Segment B	
None		
	Segment C	
None		
	Segment E	
2670	NATO Item Identification Number Status Code (NIIN SC)	1X
	Segment H (3)	
2128 (4)	Date, Effective, Logistics Action (5)	5N
7075	Unit Price	9X

NOTES:

(1) The DRN 4080 (Item Name Code) and DRN 5010 (Approved Item Name) must be provided simultaneously, even if only one piece of data has been changed.

(2) The Data Element Terminator Code must follow immediately after the item name when the item name contains less than 19 positions.

(3) Segment H will be output under KCD only with annual surcharge updates. Only DRNs 2128 and 7075 are applicable to surcharge updates.

(4) Informative data elements. For DRN 2833 and 0137, same field.

DRN 2833 (Major Organizational Entity Code) is mandatory for GSA (General Services Administration) only, when submittal is for GSA managed items for which GSA is not the CIMM (Commodity Integrated Material Manager) for DoD services/agencies.

DRN 0137 (Maintenance Action Code) is mandatory for service submittals, including WIMM (Weapon Integrated Material Manager) inputs. When neither is applicable the field will be left blank.

(5) The Date, Effective, Logistics Action (DRN 2128) is mandatory in a KCD transaction when any of the following DRNs are being changed.

KCG

CHANGE NATO SUPPLY CLASS (See note 1)

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	NATO SUPPLY CLASS 3990	NIIN 4000		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30	31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KCG	A01	*	*	*	*	*	*	(2) *	*	(3)	LCG		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	NATO SUPPLY CLASS 3990	NIIN 4000	SEGMENT CODE 8999	DRN 0950		NATO SUPPLY CLASS 3990	DETC 8268	DRN 0950		DATE, EFFECTIVE, LOGISTICS ACTION 2128	DETC 8268		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30	31 32 33 34 35 36 37 38 39	40	41 42 43 44	45	46 47 48 49	50	51 52 53 54	55	56 57 58 59 60	61	62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
KCG	*	*	*	*	*	*	*	(2) *	*	R	3990		(4) *	#	2128		(5) *	#	(6) (7)	*

NOTES : (1) IF THE CHANGED DATA ELEMENT(S) WAS FOR A TYPE 1, 1A, 1B, 4, 4A OR 4B. ITEM IDENTIFICATION, REVISED CHARACTERISTICS DATA (TOTAL DATA) WILL BE FURNISHED UNDER OUTPUT DIC KTD.

(2) OLD NATO SUPPLY CLASS.

(3) WHEN THIS DIC FORMS PART OF A KMD OUTPUT PACKAGE THE OUTPUT HEADER IS NOT REQUIRED.

(4) NEW NATO SUPPLY CLASS.

(5) IF NO DATE EFFECTIVE (DRN 2128) IS APPLICABLE, A ZERO APPEARS IN EACH POSITION OF THIS FIELD.

(6) THIRD AND SUBSEQUENT ENTRIES MAY APPEAR CONTAINING A CHANGE OF ITEM NAME CODE AND APPROVED ITEM NAME NON APPROVED ITEM NAME AND/OR TYPE OF ITEM IDENTIFICATION CODE AND/OR REFERENCE OR PARTIAL DESCRIPTIVE METHOD REASON CODE. IF THE DATA CHAIN OF THE DRNs 0950, 9975 AND 8268 CANNOT BE COMPLETELY ENTERED IN POSITIONS 67-79 WITH A BLANK POSITION BETWEEN DRN 0950 AND 9975, A CONTINUATION RECORD IS REQUIRED. THE SEQUENCE OF DRNs IN THE THIRD AND SUBSEQUENT ENTRIES IF PRESENT MUST BE :

(a) DRN 4080 (ITEM NAME CODE),
(b) DRN 5010 APPROVED ITEM NAME (SEE NOTE 7) OR DRN 5020 NON APPROVED ITEM NAME (SEE NOTE 7),
(c) DRN 4820 (TYPE OF ITEM IDENTIFICATION CODE),
(d) DRN 4765 (RPDMRC).

(7) DATA ELEMENT TERMINATOR CODE MUST FOLLOW IMMEDIATLY AFTER THE ITEM NAME WHEN THE ITEM NAME CONTAINS LESS THAN 19 POSITIONS.

KCM

CHANGE MATERIEL MANAGEMENT DATA

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KCM	A01	*	*	*	*	*	*	*		LCM		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999		DATE, EFFECTIVE, LOGISTICS ACTIONS 2128		MOE CODE 2833	PMIC 0802	ADP IEC 0801		AAC 2507	SOSC/ SOSCM 3690 2948	UIC 3050		NATO CUR CODE 0856	UNIT PRICE 7075		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48	49 50 51 52 53	54	55 56	57	58	59	60	61 62 63	64 65	66	67 68 69	70 71 72 73 74 75 76 77 78	79	80
KCM	*	*	*	*	*	*	*	*	H		*		*	*	*		*	*	*		*	*		*

KCM

CHANGE MATERIEL MANAGEMENT DATA

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	8999 SEGMENT CODE		6106 QUPC		2863 CIC		2943 SHELF LIFE CODE			MANAGEMENT CONTROL DATA		0745 USI SERV CODE		UNIT OF ISSUE CONVERSION FACTOR 3053		FORMER UNIT OF ISSUE 8472			CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43	44	45	46	47	48	49 50 51 52 53 54 55	56 57	58	59	60 61 62 63 64	65	66 67	68 69 70 71 72 73 74 75 76 77 78 79	80
KCM	*	*	*	*	*	*	*	*	H		*		*		*		(1) (*)	(1) (*)		(*)		(*)		(*)		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	8999 SEGMENT CODE	2862 PHRASE CODE		QUANTITATIVE EXPRESSION, RELATED NSN, TECHNICAL DOCUMENT NUMBER 8575 / 2895 / 2893	QUANTITY PER ASSEMBLY 0106		UNIT OF MEASURE OF RELATED NSN 0107		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62	63 64 65	66	67 68	69 70 71 72 73 74 75 76 77 78 79	80
KCM	*	*	*	*	*	*	*	*	H	(*)		(1) (*)	(*)		(*)		*

NOTE : (1) SEE SPECIAL NOTES FOR SEGMENT H IN SUB-SECTION 512.

KCR

CHANGE OF REFERENCE RELATED CODES

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KCR	A01	*	*	*	*	*	*	*	(1)	*		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	RNFC 2920	RNCC 2910	RNVC 4780	DAC 2640	RNAAC 2900	RNSC 2923	RNJC 2750	REFERENCE 0846 NCAGE CODE 4140	REFERENCE 0846 REFERENCE NUMBER 3570	CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42	43 44	45 46	47 48	49 50 51	52 53	54	55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79 80
KCR	*	*	*	*	*	*	*	*	(2) (3) C	*	*	*	*	*	*	(*)	*	*	*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	REFERENCE NUMBER (cont'd) 3570	CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
KCR	*	*	*	*	*	*	*	*	(2) (3) C	*	2

NOTES : (1) WHEN THIS DIC FORMS PART OF A KMD OUTPUT PACKAGE THE OUTPUT HEADER RECORD IS NOT REQUIRED.

(2) SEE THE SPECIAL NOTES FOR SEGMENT C IN SUB-SECTION 512.

(3) SEGMENT C MAY BE REPEATED IF TWO OR MORE REFERENCES ARE CHANGED ON THE SAME NSN UNDER THE SAME DOCUMENT CONTROL NUMBER.

KCS

CHANGE STANDARDIZATION RELATIONSHIP

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	REPLACED NSN, REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP 8977 / 9525		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KCS	A01	*	*	*	*	*	*	*		*		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	REPLACED NSN, REPLACEMENT NSN, STANDARDIZATION RELATIONSHP 8977 / 9525	SEGMENT CODE 8999	2650/8525 ISC	ORIG STDZ DEC 9325	DATE STDZ DEC 2300	2670 NIIN STATUS CODE	REPLACED NSN, REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP 8977 / 9525	2650/8525 ISC		ORIG STDZ DEC 9325		DATE STDZ DEC 2300		2670 NIIN STATUS CODE		
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42 43	44 45 46 47 48	49	50 51 52 53 54 55 56 57 58 59 60 61 62	63	64	65 66	67	68 69 70 71 72	73	74	75	76 77 78 79 80
KCS	*	*	*	*	*	*	*	*	E	*	*	*	(*)	*	*		*		*		(*)		

KCZ

CHANGE ITEM STANDARDIZATION CODE

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KCZ	A01	*	*	*	*	*	*	*		LCZ		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	ISC 2650/8525	ORIG STDZ DEC 9325	DATE STDZ DEC 2300	NIIN STATUS CODE 2670	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42 43	44 45 46 47 48	49	50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KCZ	*	*	*	*	*	*	*	*	E	*	*	*	*	

KDD

DELETE DATA ELEMENT(S)

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KDD	A01	*	*	*	*	*	*	*		LDD		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	NATO CLASS 3990	NIIN 4000	SEGMENT CODE 8999	DRN 0950		DRN VALUE 9975	DETC 8268		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30	31 32 33 34 35 36 37 38 39	40	41	42 43 44	45	46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61	62	63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
KDD	*	*	*	*	*	*	*	*	*	(1) R	(2) *		*	#		*	

NOTE : (1) SEE THE SPECIAL NOTES FOR SEGMENT R IN SUB-SECTION 512.

(2) SEE NEXT PAGES.

KDD
-
Table of DRNs that can be expected in a DIC KDD Transaction

DRN	DATA NAME	Format
	Segment A	
None		
	Segment B	
None		
	Segment C	
None		
	Segment E	
None		
	Segment H	
2128 (1)	Date, Effective, Logistics Action	5N
	The Date, Effective, Logistics Action (DRN 2128) is mandatory in a KDD transaction when any of the following DRNs are being deleted :	
2833 (1)	Major Organizational Entity Code	2A
0137 (1)	Maintenance Action Code	2A
2934	Reparable Characteristics Indicator Code, DLA	1A
2892	Recoverability Code, Army	1A
2832	Materiel Control Code, Navy	1A
2655	Expendability, Recoverability, Reparability Category Code, Air Force	1A
2891	Recoverability Code, Marine Corps	1A
2680	Material Category Code, Army	5X
2665	Accounting Requirements Code, Army	1A
2695	Fund Code, Air Force	2A
3765	Air Force Budget Code, Management Data List	1X
2836	Materiel Management Aggregation Code, Air Force	2A
2959	Stores Account, Marine Corps	1N
3311	Combat Essentiality Code, Marine Corps	1N
2790	Management Echelon Code, Marine Corps	2X

DRN	DATA NAME	Format
4126	Materiel Identification Code, Marine Corps	1A
0572	Operational Test Code, Marine Corps	1N
0573	Physical Category Code, Marine Corps	1N
2608	Cognizance Code, Navy	2X
2834	Special Material Identification Code, Navy	2X
0132	Issue, Repair and/or Requisitioning Restriction Code, Navy	2X
0121	Special Material Content Code, Navy	1X
0217	Phrase Relationship Group	21X
2862 (2)	Phrase Code, Management Data List	1X
2893 (2)	Technical Document Number	20X
0802	Precious Metals Indicator Code	1X
0801	Automatic Data Processing Equipment Identification Code	1N

NOTES : (1) Informative data elements. For DRN 2833 and 0137, same field.

DRN 2833 (Major Organizational Entity Code) is mandatory for GSA only, when submittal is for GSA managed items for which GSA is not the CIMM for DoD services/agencies.

DRN 0137 (Maintenance Action Code) is mandatory for service submittals, including WIMM inputs.

When neither is applicable, the field will be left blank.

(2) Phrase Code "R" must accompany and will dictate requirements for DRN 2893. Phrase Codes N, V, T, numerics and symbols, when no replacement NSN is applicable, are permissible for this DIC.

KDM

DELETE MATERIEL MANAGEMENT DATA

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KDM	A01	*	*	*	*	*	*	*		LDM		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999		DATE, EFFECTIVE, LOGISTICS ACTION 2128		MOE CODE 2833		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48	49 50 51 52 53	54	55 56	57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
KDM	Z02	*	*	*	*	*	*	*	H		*		*		1

KDR

DELETE REFERENCE(S) AND RELATED CODES

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KDR	A01	*	*	*	*	*	*	*	(1)	*		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		SEGMENT CODE 8999	RNFC 2920		REFERENCE 0846			CIC 8555
													NCAGE CODE 4140	REFERENCE NUMBER 3570		
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43 44 45 46 47 48 49 50 51 52 53 54	55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
KDR	*	*	*	*	*	*	*	*	(2) (3) C		*		*	*		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		SEGMENT CODE 8999		REFERENCE NUMBER (cont'd) 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
KDR	*	*	*	*	*	*	*	*	(2) (3) C		*		2

NOTES : (1) WHEN THIS DIC FORMS PART OF A KMD OUTPUT PACKAGE THE OUTPUT HEADER RECORD IS NOT REQUIRED..

(2) SEE THE SPECIAL NOTES FOR SEGMENT C IN SUB-SECTION 512.

(3) SEGMENT C MAY BE REPEATED IF TWO OR MORE REFERENCES ARE TO BE DELETED FROM THE SAME NSN UNDER THE SAME DOCUMENT CONTROL NUMBER.

KDS

DELETE STANDARDIZATION RELATIONSHIP

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NATO FMSN	REPLACED NSN, REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP		DIC INPUT		DESTINATION ACTIVITY CODE	
3920	1070	2867	4210	3720	2310	1000	1516	8977 / 9525		3921		3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KDS	A01	*	*	*	*	*	*	*		LDS		*	

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NATO FMSN	REPLACED NSN, REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP	SEGMENT CODE	ISC	ORIG STDZ DEC	DATE STDZ DEC	NIIN STATUS CODE	REPLACED NSN, REPLACEMENT NSN, STANDADIZATION RELATIONSHIP	ISC	ORIG STDZ DEC	DATE STDZ DEC		NIIN STATUS CODE	
3920	1070	2867	4210	3720	2310	1000	1516	8977 / 9525	8999	2650/8525	9325	2300	2670	8977 / 9525	2650/8525	9325	2300		2670	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42 43	44 45 46 47 48	49	50 51 52 53 54 55 56 57 58 59 60 61 62	63	64	65 66	67 68 69 70 71 72	73	74	75 76 77 78 79 80
KDS	*	*	*	*	*	*	*	*	E	*	*	*	(*)	*	*		*	*		(*)	

KDU

DELETE MOE RULE NUMBER

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KDU	A01	*	*	*	*	*	*	*		LDU		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	MOE RULE NUMBER 8290		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
KDU	*	*	*	*	*	*	*	*	B	*	1	

KFA

TOTAL ITEM RECORD FILE DATA FOR MATCH THROUGH ASSOCIATION

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	MATCHED NSN 4120	SEGMENT CODE 8999	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KFA	*	*	*	*	*	*	*	*	L	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	IIG NUMBER 4065	ITEM NAME CODE 4080	APPROVED/NON APPROVED ITEM NAME 5010/5020		TYPE II CODE 4820	RPDMRC 4765	DEMIL CODE 0167	DATE ASSIGMENT NIIN 2180	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46	47 48 49 50 51	52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70	71	72	73	74	75 76 77 78 79	80
KFA	*	*	*	*	*	*	*	*	A	(*)	*	*		*	*	(*)	(*)	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	MOE RULE NUMBER 8290		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
KFA	*	*	*	*	*	*	*	*	(1) B	*		1

KFA

TOTAL ITEM RECORD FILE DATA FOR MATCH THROUGH ASSOCIATION

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	RNFC 2920	RNCC 2910	RNVC 4780	DAC 2640	RNAAC 2900	RNSC 2923	RNJC 2750	REFERENCE 0846 NCAGE CODE 4140	REFERENCE 0846 REFERENCE NUMBER 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42 43	44 45	46 47	48 49	50 51 52	53 54	55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74	75	76 77 78 79 80
KFA	*	*	*	*	*	*	*	*	(1) (2) C		*		*	*	*		*	(*)	*	*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	REFERENCE NUMBER (cont'd) 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74	75	76 77 78 79 80
KFA	*	*	*	*	*	*	*	*	(1) (2) C		*		2

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN REPLACED NSN, REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP 3960 / 8977 / 9525	SEGMENT CODE 8999	2650/8525 ISC	ORIG STDZ DEC 9325	DATE STDZ DEC 2300	2670 NIIN STATUS CODE	REPLACED NSN, REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP 8977 / 9525	2650/8525 ISC	ORIG STDZ DEC 9325	DATE STDZ DEC 2300	2670 NIIN STATUS CODE		
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42 43	44 45 46 47 48	49	50 51 52 53 54 55 56 57 58 59 60 61 62	63	64 65 66	67 68 69 70 71 72	73 74	75	76 77 78 79 80
KFA	*	*	*	*	*	*	*	*	(1) E	*	*	*	*	*	*		*	(*)		

KFA

TOTAL ITEM RECORD FILE DATA FOR MATCH TROUGH ASSOCIATION

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	8999 SEGMENT CODE		DATE, EFFECTIVE, LOGISTICS ACTION 2128		MOE CODE 2833	0802 PMIC	0801 ADP EIC		2507 AAC	SOSC SOSMC 3690 2948	UIC 3050		NATO CUR CODE 0856	UNIT PRICE 7075		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48	49 50 51 52 53	54	55 56	57	58	59	60	61 62 63	64 65	66	67 68 69	70 71 72 73 74 75 76 77 78	79	80
KFA	*	*	*	*	*	*	*	*	(1) H		*		*				*	*	*		*	*		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	8999 SEGMENT CODE	6106 QUP	2863 CIIC	2943 SHELF LIFE CODE		MANAGEMENT CONTROL DATA		0745 USI SERV CODE		UNIT OF ISSUE CONVERSION FACTOR 3053		FORMER UNIT OF ISSUE 8472		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42	43 44	45 46	47	48	49 50 51 52 53 54 55 56 57	58	59	60 61 62 63 64	65	66 67	68 69 70 71 72 73 74 75 76 77 78 79	80
KFA	*	*	*	*	*	*	*	*	(1) H	*	*	*	(3) (*)	(3) (*)		(*)		(*)		(*)		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	8999 SEGMENT CODE	2862 PHRASE CODE		QUATITATIVE EXPRESSION RELATED NSN TECHNICAL DOCUMENT NUMBER 8575 / 2895 / 2893		QUANTITY PER ASSEMBLY 0106		UNIT OF MEASURES OF RELATED NSN 0107		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62	63 64 65	66	67 68	69 70 71 72 73 74 75 76 77 78 79	80
KFA	*	*	*	*	*	*	*	*	(1) H	(*)		(3) (*)	(*)		(*)			*

KFA

TOTAL ITEM RECORD FILE DATA FOR MATCH TROUGH ASSOCIATION

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	MRC 3445	PRINT CONT 0234	REQUIREMENT STATEMENT 3614	CCC 8255	MRC DECODED REPLY FIELD 0113	DETC 8268	CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45	46 47 48 49 50 51 52 53 54 55 56 57 58 59	60	61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78	79	80
KFA	*	*	*	*	*	*	*	*	(1) (4) (5) M	*	*	*	@	*	#	*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	CODED CHARACTERISTICS DATA GROUP 3317	DETC 8268	CODED CHARACTERISTICS DATA GROUP 3317	SVTC 0339	CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57	58	59 60 61 62 63 64 65 66 67	68 69	70 71 72 73 74 75 76 77 78 79	80
KFA	*	*	*	*	*	*	*	*	(1) (4) (5) V	*	#	(2)	# #		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	DATE, EFFECTIVE, LOGISTICS ACTION 2128	DIC ORIGIN INPUT 3922		ORIGINATOR CODE 4210		DRN 0950	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45	46 47 48	49	50 51	52	53 54 55	56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KFA	*	*	*	*	*	*	*	*	(2) Z	*	*		*		*	

KFA - Notes

TOTAL ITEM RECORD FILE DATA FOR MATCH THROUGH ASSOCIATION

NOTES:

(1) The Segment B, C, E, H and M or V, are repeated as required.

(2) See the special notes for Segment C, V, and Z in Sub-Section 512.

(3) See special notes for Segment H in Sub-Section 512..

(4) If the reference method for identification is used, Segment M or V will not be furnished ; for descriptive method identification Segment M or V will be furnished as requested.

KFD

TOTAL ITEM RECORD FILE DATA

There are two possible formats depending upon the NIIN Status code held in the TIR;

Either FORMAT 1 :

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NATO FMSN	ASSIGNED NSN MATCHED NSN REPLACEMENT NSN, CANCELLATION	SEGMENT CODE	
3920	1070	2867	4210	3720	2310	1000	1516	3960 / 4120 / 8875	8999	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KFD	*	*	*	*	*	*	*	*	L	

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NATO FMSN	ASSIGNED NATO STOCK NUMBER	SEGMENT CODE	IIG NUMBER	ITEM NAME CODE	APPROVED/NON APPROVED ITEM NAME		TYPE II CODE	RPDMRC	DEMIL CODE	DATE, NIIN ASSIGNMENT	
3920	1070	2867	4210	3720	2310	1000	1516	3960	8999	4065	4080	5010 / 5020		4820	4765	0167	2180	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46	47 48 49 50 51	52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70	71	72 73	74	75 76 77 78 79	80	
KFD	*	*	*	*	*	*	*	*	A	(*)	*	*		*	*	(*)	(*)	

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NATO FMSN	ASSIGNED NATO STOCK NUMBER	SEGMENT CODE	MOE RULE NUMBER		CIC
3920	1070	2867	4210	3720	2310	1000	1516	3960	8999	8290		8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
KFD	*	*	*	*	*	*	*	*	(1) B	*		1

KFD

TOTAL ITEM RECORD FILE DATA

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	RNFC 2920	RNCC 2910	RNVC 4780	DAC 2640	RNAAC 2900	RNSC 2923	RNJC 2750	REFERENCE 0846 NCAGE CODE 4140	REFERENCE 0846 REFERENCE NUMBER 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43 44	45	46 47	48 49	50 51	52 53	54	55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
KFD	*	*	*	*	*	*	*	*	(1) (2) C	*	*		*		*		*	(*)	*	*		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	REFERENCE NUMBER (cont'd) 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
KFD	*	*	*	*	*	*	*	*	(1) (2) C	*			2

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN REPLACED NSN, REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP 3960 / 8977 / 9525	SEGMENT CODE 8999	ISC 2650/8525	ORIG STDZ DEC 9325	DATE STDZ DEC 2300	NIIN STATUS CODE 2670	REPLACED NSN, REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP 8977 / 9525	ISC 2650/8525	ORIG STDZ DEC 9325	DATE STDZ DEC 2300	NIIN STATUS CODE 2670		
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43	44 45 46 47 48		49	50 51 52 53 54 55 56 57 58 59 60 61 62	63	64 65 66	67 68 69 70 71 72	73 74	75	76 77 78 79 80
KFD	*	*	*	*	*	*	*	*	(1) E	*	*	*	*	*	*	*	*	(*)		

KFD

TOTAL ITEM RECORD FILE DATA

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999		DATE, EFFECTIVE, LOGISTICS ACTIONS 2128		MOE CODE 2833	PMIC 0802	ADP EIC 0801		AAC 2507	SOSC, SOSCM 3690 2948	UIC 3050		NATO CUR CODE 0856	UNIT PRICE 7075		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48	49 50 51 52 53	54	55 56	57	58	59	60	61 62 63	64 65	66	67 68 69	70 71 72 73 74 75 76 77 78 79		80
KFD	*	*	*	*	*	*	*	*	(1) H		*		*	*	*		*	*	*		*	*		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	QUPC 6106	CIIC 2863		SHELF LIFE CODE 2943			MANAGEMENT CONTROL DATA		USI SERV CODE 0745	UNIT OF ISSUE CONVERSION FACTOR 3053		FORMER UI 8472		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42	43 44	45	46 47	48	49 50 51 52 53 54 55	56 57	58	59	60 61 62 63 64	65	66 67	68 69 70 71 72 73 74 75 76 77 78 79	80
KFD	*	*	*	*	*	*	*	*	(1) H	*	*		*		(3) (*)		(*)		(*)		(*)		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	PHRASE CODE 2862		QUANTITATIVE EXPRESSION RELATED NSN, TECHNICAL DOCUMENT NUMBER 8575 / 2895 / 2893		QUANTITY PER ASSEMBLY 0106		UNIT OF MEASURE OF RELATED NSN 0107		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62	63 64 65	66	67 68	69 70 71 72 73 74 75 76 77 78 79	80
KFD	*	*	*	*	*	*	*	*	(1) H	(*)		(3) (*)	(*)		(*)		*

KFD

TOTAL ITEM RECORD FILE DATA

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	MRC 3445	PRINT CONT CODE 0234	REQUIREMENT STATEMENT 3614	CCC 8255	MRC DECODED REPLY FIELD 0113	DETC 8268	CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45	46 47 48 49 50 51 52 53 54 55 56 57 58 59	60	61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78	79	80
KFD	*	*	*	*	*	*	*	*	(1)(4)(5) M	*	*	*	@	*	#	(8) *

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	CODED CHARACTERISTICS DATA GROUP 3317	DETC 8268	CODED CHARACTERISTICS DATA GROUP 3317	SVTC 0339	CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57	58	59 60 61 62 63 64 65 66 67	68 69	70 71 72 73 74 75 76 77 78 79	80
KFD	*	*	*	*	*	*	*	*	(1)(4)(5) V	*	#	(2)	# #		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	DATE, EFFECTIVE, LOGISTICS ACTION 2128	DIC, ORGINAL INPUT 3922	ORIGINATOR CODE 4210	DRN 0950	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45	46 47 48	49 50 51	52 53 54 55 56	57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KFD	*	*	*	*	*	*	*	*	(2) Z	*	*	*	*	

KFD

TOTAL ITEM FILE RECORD DATA

Or FORMAT 2 :

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KFD	*	*	*	*	*	*	*	*	L	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999		NIN STATUS CODE 2670	DATE, EFFECTIVE, LOGISTICS ACTION 2128	SUBMITTED NATO SUPPLY CLASS 9075	DEMIL CODE 0167	REPLACEMENT NSN CANCELLATION 8875		REPLACEMENT NSN CANCELLATION 8875
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43 44 45 46 47 48	49 50 51 52	53	54 55 56 57 58 59 60 61 62 63 64 65 66	67	68 69 70 71 72 73 74 75 76 77 78 79 80
KFD	*	*	*	*	*	*	*	(6) *	K		*	*	*	(*)	*		*

NOTES : (1) THE SEGMENT B, C, E, H AND M OR V RECORDS, ARE REPEATED AS REQUIRED.

(2) SEE THE SPECIAL NOTES FOR SEGMENT C, V AND Z IN SUB-SECTION 512.

(3) SEE SPECIAL NOTES FOR SEGMENT H IN SUB-SECTION 512.

(4) IF THE REFERENCE METHOD FOR IDENTIFICATION IS USED, SEGMENT M AND V WILL NOT BE FURNISHED;
FOR DESCRIPTIVE METHOD IDENTIFICATION SEGMENT M OR V WILL BE FURNISHED AS REQUESTED.

(5) SEGMENT M OR V WILL NOT BE FURNISHED WHEN KFD IS PROVIDED AS SECONDARY OUTPUT TO DICs KFS, KKR AND KRE.
IN CASE OF DIC KRE WITH RETURN CODE "SM", SEGMENT M OR V WILL BE PROVIDED / REQUIRED.

(6) THE NSC IN THIS NSN IS THAT RECORDED IN THE TOTAL ITEM RECORD, IF DIFFERENT FROM THAT SUBMITTED, THE SUBMITTED NSN WILL BE GIVEN IN POSITIONS 49-52 OF THE SEGMENT K.

KFE

TIR FILE DATA FOR REPLACMENT OF A CANCELLED NSN

There are two possible formats depending upon the NIIN Status Code held in the TIR;

Either FORMAT 1 :

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KFE	*	*	*	*	*	*	*	*	L	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	IIG NUMBER 4065	ITEM NAME CODE 4080	APPROVED/NON APPROVED ITEM NAME 5010 / 5020		TYPE II CODE 4820	RPDMRC 4765	DEMIL CODE 0167	DATE, NIIN ASSIGNMENT 2180	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46	47 48 49 50 51	52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70	71	72	73	74	75 76 77 78 79	80
KFE	*	*	*	*	*	*	*	*	A	(*)	*	*		*	*	(*)	(*)	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	MOE RULE NUMBER 8290		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
KFE	*	*	*	*	*	*	*	*	(1) B	*		1

KFE

TIR FILE DATA FOR REPLACMENT OF CANCELLED NSN

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	RNFC 2920	RNCC 2910	RNVC 4780	DAC 2640	RNAAC 2900	RNSC 2923	RNJC 2750	REFERENCE 0846			CIC 8555
																	NCAGE CODE 4140	REFERENCE NUMBER 3570		
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43	44 45	46 47	48 49	50 51	52	53	54	55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
KFE	*	*	*	*	*	*	*	*	(1) (2) C	*		*		*		*		*	(*)	*	*		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	REFERENCE NUMBER (cont'd) 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
KFE	*	*	*	*	*	*	*	*	(1) (2) C	*			2

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	2650/8525 ISC	ORIG STDZ DEC 9325	DATE STDZ DEC 2300	2670 NIIN STATUS CODE	REPLACED NSN, REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP 8977 / 9525	2650/8525 ISC	ORIG STDZ DEC 9325	DATE STDZ DEC 2300	2670 NIIN STATUS CODE		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42 43	44 45 46 47 48	49	50 51 52 53 54 55 56 57 58 59 60 61 62	63	64 65 66	67 68 69 70 71 72	73	74	75 76 77 78 79 80
KFE	*	*	*	*	*	*	*	*	(1) E	*	*	*	*	*	*	*	*		(*)	

KFE

TIR FILE DATA FOR REPLACEMENT OF A CANCELLED NSN

	DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999		DATE, EFFECTIVE, LOGISTICS ACTION 2128		MOE CODE 2833	PMIC 0802	ADP EIC 0801		AAC 2507	SOSC, SOSMC 3690 2948	UIC 3050		NATO CUR CODE 0856	UNIT PRICE 7075		CIC 8555
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80																									
KFE		*	*	*	*	*	*	*	*	(1) H		*		*	*	*		*	*	*		*	*		*

	DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	QUPC 6106	CIIC 2863	SHELF LIFE CODE 2943		MANAGEMENT CONTROL DATA		USI SERV CODE 0745		UNIT OF ISSUE CONVERSION FACTOR 3053		FORMER UI 8472		CIC 8555
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80																							
KFE		*	*	*	*	*	*	*	*	(1) H	*	*	*	(3) (*)	(3) (*)		(*)		(*)		(*)		*

	DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	PHRASE CODE 2862		QUANTITATIVE EXPRESSION RELATED NSN TECHNICAL DOCUMENT NUMBER 8575 / 2895 / 2893	QUANTITY PER ASSEMBLY 0106		UNIT OF MEASURE OF RELATED NSN 0107		CIC 8555
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80																	
KFE		*	*	*	*	*	*	*	*	(1) H	(*)		(3) (*)	(*)		(*)	*

KFE

TIR FILE DATA FOR REPLACEMENT OF CANCELLED NSN

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	DATE, EFFECTIVE, LOGISTICS ACTION 2128	DIC, ORIGINAL INPUT 3922		ORIGINATOR CODE 4210		DRN 0950	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45	46 47 48	49	50 51	52	53 54 55 56	57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KFE	*	*	*	*	*	*	*	*	(5) Z	*	*		*		*	

Or FORMAT 2

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KFE	*	*	*	*	*	*	*	*	L	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN CANCELLED NSN 3960 / 3790	SEGMENT CODE 8999	NIIN STATUS CODE 2670		DATE, EFFECTIVE, LOGISTICS ACTION 2128	SUBMITTED NATO SUPPLY CLASS 9075	DEMIL CODE 0167	REPLACEMENT NSN, CANCELLATION 8875		REPLACEMENT NSN, CANCELLATION 8875	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43 44 45 46 47 48	49 50 51 52	53	54 55 56 57 58 59 60 61 62 63 64 65 66	67	68 69 70 71 72 73 74 75 76 77 78 79 80	
KFE	*	*	*	*	*	*	*	(4) *	K	*		(*)	(*)	(*)	(*)		(*)	

NOTES : (1) THE SEGMENT B, C, E, AND H RECORDS ARE REPEATED AS REQUIRED.
(2) SEE THE SPECIAL NOTES FOR SEGMENT C IN SUB-SECTION 512.
(3) SEE SPECIAL NOTES FOR SEGMENT H IN SUB-SECTION 512.
(4) THE NSC IN THIS NSN IS THAT RECORDED IN THE TOTAL ITEM RECORD; IF DIFFERENT FROM THAT SUBMITTED, THE SUBMITTED NSC WILL BE GIVEN IN POSITIONS 49-52 OF SEGMENT K.
(5) SEE THE SPECIAL NOTES FOR SEGMENT Z IN SUB-SECTION 512.

KFF

FILE REPLACEMENT DATA - ACTIVE NSNs

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KFF	A01	*	(5) *	(5) *	*	*	*	*		*		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	IIG NUMBER 4065	ITEM NAME CODE 4080	APPROVED/NON APPROVED ITEM NAME 5010/5020		TYPE II CODE 4820	RPDMRC 4765	DEMIL CODE 0167	DATE, NIIN ASSIGNMENT 2180	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46	47 48 49 50 51	52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70	71	72	73	74	75 76 77 78 79	80
KFF	A02	*	(5) *	(5) *	*	*	*	*	A	(*)	*	*		*	*	(*)	*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	MOE RULE NUMBER 8290		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
KFF	*	*	(5) *	(5) *	*	*	*	*	(1) B	*		1

KFF

FILE REPLACEMENT DATA - ACTIVE NSNs

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	RNFC 2920	RNCC 2910	RVNC 4780	DAC 2640	RNAAC 2900	RNSC 2923	RNJC 2750	REFERENCE 0846 NCAGE CODE 4140	REFERENCE 0846 REFERENCE NUMBER 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42 43	44 45	46 47	48 49	50 51 52	53 54	55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
KFF	*	*	(5) *	(5) *	*	*	*	*	(1) (2) C	*	*	*	*	*	*	(*)	*	*		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999			REFERENCE NUMBER (cont'd) 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
KFF	*	*	(5) *	(5) *	*	*	*	*	(1) (2) C			*		2

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN REPLACED/REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP 3960 / 8977 / 9525	SEGMENT CODE 8999	ISC 2650/8525	ORIG STDZ DEC 9325	DATE STDZ DEC 2300	NIIN STATUS CODE 2670	REPLACED NSN, REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP 8977 / 9525	ISC 2650/8525	ORIG STDZ DEC 9325	DATE STDZ DEC 2300	NIIN STATUS CODE 2670		
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42 43	44 45 46 47 48	49	50 51 52 53 54 55 56 57 58 59 60 61 62	63	64 65 66	67 68 69 70 71 72	73	74	75	76 77 78 79 80
KFF	*	*	(5) *	(5) *	*	*	*	*	(1) E	*	*	*	*	(*)	(*)		(*)	(*)		(*)		

KFF

FILE REPLACEMENT DATA - ACTIVE NSNs

	DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999		DATE, EFFECTIVE, LOGISTICS ACTION 2128		MOE CODE 2833	PMIC 0802	ADP EIC 0801		AAC 2507	SOSC, SOSMC 3690 2948	UIC 3050		NATO CUR CODE 0856	UNIT PRICE 7075		CIC 8555
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80																									
KFF	*	*	(5) *	(5) *	*	*	*	*	(1) H			*		*	*	*		*	*	*		*	*		*

	DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999		QUPC 6106		CIIC 2863		SHELF LIFE CODE 2943			MANAGEMENT CONTROL DATA			USI SERV CODE 0745		UNIT ISSUE CONVERSION FACTOR 3053		FORMER UI 8472			CIC 8555
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80																												
KFF	*	*	(5) *	(5) *	*	*	*	*	(1) H		*		*		*		(3) (*)	(3) (*)		(*)		(*)		(*)			*

	DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	PHRASE CODE 2862		QUANTITATIVE EXPRESSION, RELATED NSN, TECHNICAL DOCUMENT NUMBER 8575 / 2895 / 2893		QUANTITY PER ASSEMBLY 0106		UNIT OF MEASURE OF RELATED NSN 0107		CIC 8555
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80																			
KFF	*	*	(5) *	(5) *	*	*	*	*	(1) H	(*)			(3) (*)		(*)		(*)		*

KFF

FILE REPLACEMENT DATA - ACTIVE NSNs

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	MRC 3445	PRINT CONT CODE 0234	REQUIREMENT STATEMENT 3614	CCC 8255	MRC DECODED REPLY FIELD 0113	DETC 8268	CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45	46 47 48 49 50 51 52 53 54 55 56 57 58 59	60	61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78	79	80
KFF	*	*	(5) *	(5) *	*	*	*	*	(1) (4) M	*	*	*	@	*	#	*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	CODED CHARACTERISTICS DATA GROUP 3317	DETC 8268	CODED CHARACTERISTICS DATA GROUP 3317	SVTC 0339		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57	58	59 60 61 62 63 64 65 66 67	68 69	70 71 72 73 74 75 76 77 78 79	80
KFF	*	*	(5) *	(5) *	*	*	*	*	(1) (4) V	*	#	(2)	# #		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	DATE, EFFECTIVE, LOGISTICS ACTIONS 2128	DIC, ORIGINAL INPUT 3922		ORIGINATOR CODE 4210		DRN 0950	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45	46 47 48	49	50 51	52	53 54 55 56	57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KFF	*	*	(5) *	(5) *	*	*	*	*	(2) Z	*	*		*		*	

NOTES :
(1) THE SEGMENT B, C, E, H AND M OR V RECORDS ARE REPEATED AS REQUIRED.
(2) SEE THE SPECIAL NOTES FOR SEGMENT C, V AND Z IN SUB-SECTION 512.
(3) SEE SPECIAL NOTES FOR SEGMENT H IN SUB-SECTION 512.
(4) IF THE REFERENCE METHOD FOR IDENTIFICATION IS USED, SEGMENT M OR V WILL NOT BE FURNISHED; FOR DESCRIPTIVE METHOD IDENTIFICATION SEGMENT M OR V WILL BE FURNISHED AS REQUESTED.
(5) ORIGINATOR CODE (DRN 4210) AND SUBMITTER CODE (DRN 3720) ARE TO BE THE CODES OF THE COUNTRY PRODUCING THE KFF OUTPUT.

KFF

FILE REPLACEMENT DATA - CANCELLED NSNs
NMCRL PRODUCTION

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN CANCELLED NSN 3960 / 3790		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KFF	A01	*	*	*	*	*	*	*		LFF		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN CANCELLED NSN 3960 / 3790		SEGMENT CODE 8999		NIIN STATUS CODE 2670		DATE, EFFECTIVE, LOGISTICS ACTION 2128		REPLACEMENT NSN, CANCELLATION 8875		REPLACEMENT NSN, CANCELLATION 8875
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43	44 45 46 47 48	49 50 51 52 53	54 55 56 57 58 59 60 61 62 63 64 65 66	67	68 69 70 71 72 73 74 75 76 77 78 79 80
KFF	Z02	*	*	*	*	*	*	*	K		*		(*)		(*)		(*)

KFM

NOTIFICATION TO INCREMENT NATO FMSN

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NATO FMSN	ASSIGNED NATO STOCK NUMBER		DIC INPUT		DESTINATION ACTIVITY CODE	
3920	1070	2867	4210	3720	2310	1000	1516	3960		3921		3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KFM	Z01	*	*	*	*	*	*	*		*		*	

KFN

FOLLOW-UP INTERROGATION RESULTS (See NOTE 4)

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN	ASSIGNED NATO STOCK NUMBER 3960		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47
KFN	A01	*	*	*	*	*		(1) (*)		LFN		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	DRN 0950		DIC INPUT 3921	DETC 8268	DRN 0950		TSC 0854	DETC 8268
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45	46 47 48	49	50 51 52 53	54	55 56	57
KFN	*	*	*	*	*	*		(*)	R	3921		(2) *	#	0854		(3) *	#

NOTES : (1) WHEN THE NSN IS NOT KNOWN, POSITIONS 31 AND 32 WILL SHOW THE NCB CODE FROM THE CODIFYING COUNTRY. SEE NEXT PAGE FOR THE IMPLEMENTATION DATE IN EACH COUNTRY.

(2) INPUT DIC FOR WHICH THE FOLLOW-UP HAS BEEN SUBMITTED WILL BE REFLECTED, PERPETUATE AS CONTAINED IN DIC LFN SUBMITTAL (APPLICABLE DICs : LAR, LAU, LCR, LDR, LDU, LMD, LSA).

(3) SEE SUB-SECTION 553, TABLE 26.

(4) KFN REPLY FOR LSA TRANSACTION SHOULD INCLUDE ALL AVAILABLE K27 OUTPUT (SEE NEXT PAGE FOR EXAMPLES).

KFN

SAMPLES OF KFN REPLY FOR LSA TRANSACTION

```
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

K F N A 0 1 4 5 3 Z F 9 2 1 5 5 A B E 0 0 0 1                 1 2                                       L F N   Z F
K F N A 0 2 4 5 3 Z F 9 2 1 5 5 A B E 0 0 0 1                                                   R 3 9 2 1   L S A # 0 8 5 4   N B #
K 2 7 A 0 3 4 5 3 Z F 9 2 1 5 5 A B E 0 0 0 1                                                   L
K 2 7 Z 0 4 4 5 3 Z F 9 2 1 5 5 A B E 0 0 0 1                                                   R 7 3 2 5   5 0 0   D 1 8 3 9 1 1 1 3 9 6 # 7 3 2 5   7 0 2   C 2 3 1 1 #

K F N A 0 1 4 5 3 Z F 9 2 1 5 5 A B E 0 0 0 3                 1 2                                       L F N   Z F
K F N A 0 2 4 5 3 Z F 9 2 1 5 5 A B E 0 0 0 3                                                   R 3 9 2 1   L S A # 0 8 5 4   N C #
K 2 7 A 0 3 4 5 3 Z F 9 2 1 5 5 A B E 0 0 0 3                                                   L
K 2 7 A 0 4 4 5 3 Z F 9 2 1 5 5 A B E 0 0 0 3                                                   R 7 3 2 5   5 0 0   D 1 8 3 9 1 0 0 3 9 6 # 7 3 2 5   7 0 2     2 3 1 1 #
K I R A 0 5 4 5 3 Z F 9 2 1 5 5 A B E 0 0 0 3                                                   L
K I R A 0 6 4 5 3 Z F 9 2 1 5 5 A B E 0 0 0 3 0 0 6 5 3 1 0 1 2 1 5 7 4 5 6 7 A A 0 2 1 A 0 0 1 8 5 7 M U T T E R ,   S E C H S K A N T       1     8 7 3 1 1
K I R A 0 7 4 5 3 Z F 9 2 1 5 5 A B E 0 0 0 3 0 0 6 5 3 1 0 1 2 1 5 7 4 5 6 7 B Z B 0 1
K I R A 0 8 4 5 3 Z F 9 2 1 5 5 A B E 0 0 0 3 0 0 6 5 3 1 0 1 2 1 5 7 4 5 6 7 B Z N 0 1
K I R A 0 9 4 5 3 Z F 9 2 1 5 5 A B E 0 0 0 3 0 0 6 5 3 1 0 1 2 1 5 7 4 5 6 7 B Z G 0 1
K I R A 1 0 4 5 3 Z F 9 2 1 5 5 A B E 0 0 0 3 0 0 6 5 3 1 0 1 2 1 5 7 4 5 6 7 C   4   2   2   3   Z G   A   C 2 3 1 1 1 0 0 3 9 6                                                 1
K I R A 1 1 4 5 3 Z F 9 2 1 5 5 A B E 0 0 0 3 0 0 6 5 3 1 0 1 2 1 5 7 4 5 6 7 C   4   2   2   3   Z G   C   D 8 2 8 6 D 1 N 9 3 4 - M 8 - 8 - A 2 P                         1
K I R Z 1 2 4 5 3 Z F 9 2 1 5 5 A B E 0 0 0 3 0 0 6 5 3 1 0 1 2 1 5 7 4 5 6 7 C   4   5   2   5   Z G   C   D 4 7 3 3 5 6 7 8 9 - 4                                             1

K F N A 0 1 4 5 3 Z F 9 2 1 5 5 A B E 0 0 0 5                 1 2                                       L F N   Z F
K F N A 0 2 4 5 3 Z F 9 2 1 5 5 A B E 0 0 0 5                                                   R 3 9 2 1   L S A # 0 8 5 4   N D #
K 2 7 A 0 3 4 5 3 Z F 9 2 1 5 5 A B E 0 0 0 5                                                   L
K 2 7 Z 0 4 4 5 3 Z F 9 2 1 5 5 A B E 0 0 0 5                                                   R 7 3 2 5   6 0 2 #

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
```

KFS

NIIN STATUS

FORMAT 1 (See note 2)

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN CANCELLED NSN 3960 / 3790		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KFS	A01	*	*	*	*	*	*	(1) *		*		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN CANCELLED NSN 3960 / 3790		SEGMENT CODE 8999		NIIN STATUS CODE 2670		DATE, EFFECTIVE, LOGISTICS ACTION 2128	SUBMITTED NATO SUPPLY CLASS 9075	DEMIL CODE 0167	REPLACEMENT NSN, CANCELLATION 8875		REPLACEMENT NSN, CANCELLATION 8875
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43	44 45 46 47 48	49 50 51 52	53	54 55 56 57 58 59 60 61 62 63 64 65 66	67	68 69 70 71 72 73 74 75 76 77 78 79 80
KFS	*	*	*	*	*	*	*	(1) *	K		*		(*)	(*)	(*)	(*)		(*)

KFS

NIIN STATUS

Or FORMAT 2 (See note 2)

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NATO FMSN	ASSIGNED NSN CANCELLED NSN	SEGMENT CODE	
3920	1070	2867	4210	3720	2310	1000	1516	3960 / 3790	8999	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KFS	*	*	*	*	*	*	*	(1) *	L	

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NATO FMSN	ASSIGNED NSN CANCELLED NSN	SEGMENT CODE			DATE, EFFECTIVE, LOGISTICS ACTION	SUBMITTED NATO SUPPLY CLASS	DEMIL CODE	REPLACEMENT NSN, CANCELLATION		REPLACEMENT NSN, CANCELLATION
3920	1070	2867	4210	3720	2310	1000	1516	3960 / 3790	8999	2670	NIIN STATUS CODE	2128	9075	0167	8875		8875
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43 44 45 46 47 48	49 50 51 52	53	54 55 56 57 58 59 60 61 62 63 64 65 66	67	68 69 70 71 72 73 74 75 76 77 78 79 80
KFS	*	*	*	*	*	*	*	(1) *	K		*	(*)	(*)	(*)	(*)		(*)

NOTES : (1) THE NSC IN THS NSN IS THAT RECORDED IN THE TOTAL ITEM RECORD, IF DIFFERENT FROM THAT SUBMITTED, THE SUBMITTED NSC WILL BE GIVEN IN POSITIONS 49-52 OF THE SEGMENT K.

(2) SEGMENT L WILL BE OUTPUT WITH THIS DIC IN LIEU OF AN OUTPUT HEADER WHEN GENERATED AS SECONDARY OUTPUT TO DIC KFN.

KHN

NATO COMMERCIAL AND GOVERNMENT ENTITY DATA MAINTENANCE

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NCAGE CODE 4140	NCAGESD CODE 2694	US F/D DC 4235	TYPE O.E. CODE 4238	DATE OF LAST CHANGE 9567		SEGMENT CODE 8999	NCAGE DATA GROUP 9566	DETC 8268
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26 27 28	29	30	31	32 33 34 35 36	37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74	75 76 77 78 79 80
KHN	*	*	*	*	*	*	*	*	(*)	*	*		8	(1) *	(2) #

NOTES : (1) THE DATA GROUP (PREFIX + CLEAR TEXT + DETC) WILL BEGIN IN POSITION 41. IN THE EVENT THE ENTRY CANNOT BE ACCOMMODATED IN THE FIRST RECORD, IT WILL BE CONTINUED ON A SECOND OR SUCCEEDING RECORD BEGINNING IN POSITION 41. A SECOND OR SUCCEEDING DATA GROUP WILL BEGIN IMMEDIATELY FOLLOWING THE PRECEDING DETC.

(2) THE POSITION REFLECTED FOR THIS DATA ELEMENT IS REPRESENTATIVE ONLY, OWING TO THE VARIABLE LENGTH OF THE PRECEDING DATA ELEMENT. THIS CODE IS REQUIRED, HOWEVER, AND WILL APPEAR IN THE POSITION IMMEDIATELY FOLLOWING THE DATA ELEMENT TO WHICH IT APPLIES.

KIR

INTERROGATION RESULT (See NOTES, 2, 3 and 4)

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NATO FMSN	ASSIGNED NSN		DIC INPUT		DESTINATION ACTIVITY CODE	
3920	1070	2867	4210	3720	2310	1000	1516	3960		3921		3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KIR	A01	*	*	*	*	*	*	*		LTI		*	

OR FORMAT 2 (See NOTE 1)

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NATO FMSN	ASSIGNED NSN	SEGMENT CODE	
3920	1070	2867	4210	3720	2310	1000	1516	3960	8999	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KIR	*	*	*	*	*	*	*	*	L	

NOTES : (1) SEGMENT L WILL BE OUTPUT WITH THIS DIC IN LIEU OF AN OUTPUT HEADER WHEN GENERATED AS SECONDARY OUTPUT TO DIC KFN OR DIC L23.

(2) THE OUTPUT HEADER OR SEGMENT L IS FOLLOWED BY THE SEGMENTS REQUESTED BY THE LTI INPUT TRANSACTION.

(3) WHEN SEGMENTS C AND/OR Z ARE INCLUDED IN THE OUTPUT. THE CONDITIONS DETAILED IN THE SPECIAL NOTES FOR SEGMENTS C AND Z IN SUB-SECTION 512 ARE APPLICABLE..

(4) WHEN SEGMENTS B, C, E AND/OR H ARE INCLUDED IN THE OUTPUT, THE SEGMENT CARDS WILL BE REPEATED AS REQUIRED

KKD

CANCEL-DUPLICATE

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	CANCELLED NATO STOCK NUMBER 3790		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KKD	A01	*	*	*	*	*	*	*		LKD		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	CANCELLED NATO STOCK NUMBER 3790	SEGMENT CODE 8999	NIIN STATUS CODE 2670		DATE, EFFECTIVE, LOGISTICS ACTIONS 2128		DEMIL CODE 0167	REPLACEMENT NSN, CANCELLATION 8875	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43	44 45 46 47 48	49 50 51 52	53	54 55 56 57 58 59 60 61 62 63 64 65 66	67 68 69 70 71 72 73 74 75 76 77 78 79 80
KKD	Z02	*	*	*	*	*	*	*	K		*		(*)		(*)	(1) *	

NOTE : (1) THE TIR DATA OF THE REPLACEMENT NSN IS FORWARDED USING DIC KAT, SEE EXPLANATION OF KKD IN SUB-SECTIONS 523 AND 526.

KKR

CANCEL-REPLACE (See note 1)

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NATO FMSN	CANCELLED NATO STOCK NUMBER		DIC INPUT		DESTINATION ACTIVITY CODE	
3920	1070	2867	4210	3720	2310	1000	1516	3790		3921		3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KKR	A01	*	*	*	*	*	*	*		LKR		*	

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NATO FMSN	ASSIGNED NATO STOCK NUMBER	SEGMENT CODE		NIIN STATUS CODE		DATE, EFFECTIVE, LOGISTICS ACTION		REPLACEMENT NSN, CANCELLATION		REPLACEMENT NSN, CANCELLATION
3920	1070	2867	4210	3720	2310	1000	1516	3790	8999		2670		2128		8875		8875
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43	44 45 46 47 48	49 50 51 52 53	54 55 56 57 58 59 60 61 62 63 64 65 66	67	68 69 70 71 72 73 74 75 76 77 78 79 80
KKR	Z02	*	*	*	*	*	*	*	K		*		(*)		*		*

NOTE : (1) THE SEGMENT K RECORD WILL ALWAYS BE FOLLOWED BY THE KFD DATA FOR THE REPLACEMENT NSN (DRN 8875), EXCEPT IF THE LATTER HAVE BEEN ASSIGNED BY ANOTHER NCB.

KKU

CANCEL-USE (See note 1)

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	CANCELLED NATO STOCK NUMBER 3790		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KKU	A01	*	*	*	*	*	*	*		LKU		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	CANCELLED NATO STOCK NUMBER 3790	SEGMENT CODE 8999		NIIN STATUS CODE 2670		DATE, EFFECTIVE, LOGISTICS ACTION 2128		DEMIL CODE 0167	REPLACEMENT NSN, CANCELLATION 8875	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43	44 45 46 47 48	49 50 51 52	53	54 55 56 57 58 59 60 61 62 63 64 65 66	67 68 69 70 71 72 73 74 75 76 77 78 79 80
KKU	Z02	*	*	*	*	*	*	*	K		*		(*)		(*)	*	

NOTE : (1) THE TIR DATA OF THE "USE" NSN IS FORWARDED USING DIC KAT. SEE EXPLANATION OF KKU IN SUB-SECTIONS 523 AND 526.

KKV

CANCEL-INVALID / NON PROCURABLE

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	CANCELLED NATO STOCK NUMBER 3790		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KKV	A01	*	*	*	*	*	*	*		LKV		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	CANCELLED NATO STOCK NUMBER 3790	SEGMENT CODE 8999		STATUS CODE 2670 NIIN		DATE, EFFECTIVE, LOGISTICS ACTION 2128		DEMIL CODE 0167	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43	44 45 46 47	48 49 50 51 52	53	54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KKV	Z02	*	*	*	*	*	*	*	K		*		(*)		(*)	

KMD

MULTIPLE DICs (See note 1)

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NATO FMSN	ASSIGNED NATO STOCK NUMBER		DIC INPUT		DESTINATION ACTIVITY CODE	
3920	1070	2867	4210	3720	2310	1000	1516	3960		3921		3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KMD	A01	*	*	*	*	*	*	*		*		*	

NOTE : (1) SEE NEXT PAGE.

KMD
-
Permissible Combinations of DICs that can be expected under DIC KMD

1. The order in which the DICs are listed in following paragraphs is the sequence in which they must appear in a KMD output transaction.

2. Permissible combinations in response to an international transaction :

   KDR, KAR, KCR

3. Permissible combinations in response to a national transaction that produces maintenance output for another NCB :

   KCG, KDD, KAD, KCD, KDU, KAU, KDR, KAR, KCR (1) (3)

   KCG, KDD, KAD, KCD, KDU, KAU, KDR, KAR, KCR, KTD (2) (3)

NOTES :

(1) In respect of Type 2 Item Identifications and Type 1, 1a, 1b, 4, 4a and 4b Item Identifications when characteristics data is being forwarded as hard copy.

(2) In respect of Type 1, 1a, 1b, 4, 4a and 4b Item Identifications when characteristics data is being forwarded as Segment M or V.

(3) Under United States "effective date" processing a multi-DIC transaction (LMD) will produce output as follows :

   (a) On the date of processing, output will reflect KDR, KAR and KCR in that sequence within KMD when multiple Reference Number transactions are included on input. If only one (1) Reference Number transaction (LDR, LAR or LCR) was input in combination with another DIC under LMD, KMD will not be output. Only the appropriate KDR, KAR or KCR will be output.

   (b) On the effective date of the submitted package, file maintenance will be furnished in the following DIC sequence : KMD, KCG, KDD, KAD, KCD, KDU (if last US user), KAU (if first US user) and KTD.

KMP

PARTIAL MATCH (SCREENING) (See note 1)

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KMP	*	*	*	*	*	*	*	*	L	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	IIG NUMBER 4065	ITEM NAME CODE 4080	APPROVED/NON APPROVED ITEM NAME 5010 / 5020		TYPE II CODE 4820	RPDMRC 4765	DEMIL CODE 0167	DATE, NIIN ASSIGNMENT 2180	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46	47 48 49 50 51	52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70	71	72	73	74	75 76 77 78 79	80
KMP	*	*	*	*	*	*	*	*	A	(*)	*	*		*	*	(*)	(*)	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	MOE RULE NUMBER 8290		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
KMP	*	*	*	*	*	*	*	*	(2) B	*		1

KMP

PARTIAL MATCH (SCREENING) (See note 1)

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	RNFC 2920	RNCC 2910	RNVC 4780	DAC 2640	RNAAC 2900	RNSC 2923	RNJC 2750	REFERENCE 0846			CIC 8555
																	NCAGE CODE 4140	REFERENCE NUMBER 3570		
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43	44	45	46	47	48	49	50 51	52	53	54	55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
KMP	*	*	*	*	*	*	*	*	(3) C	*		*		*		*	*		*		*	(*)	*	*		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	REFERENCE NUMBER (Cont'd) 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
KMP	*	*	*	*	*	*	*	*	(3) C	*			2

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	ISC 2650 / 8525	ORIG STDZ DEC 9325	DATE STDZ DEC 2300	NIIN STATUS CODE 2670	REPLACED NSN, REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP 8977 / 9525	ISC 2650 / 8525	ORIG STDZ DEC 9325	DATE STDZ DEC 2300	NIIN STATUS CODE 2670	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42 43	44 45 46 47 48	49	50 51 52 53 54 55 56 57 58 59 60 61 62	63	64 65 66	67 68 69 70 71 72	73 74	75 76 77 78 79 80
KMP	*	*	*	*	*	*	*	*	(3) E	*	*	*	*	(*)	(*)	(*)	(*)	(*)	

KMP

PARTIAL MATCH (SCREENING) (See note 1)

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999		DATE, EFFECTIVE, LOGISTICS ACTION 2128		MOE CODE 2833	PMIC 0802	ADP EIC 0801		AAC 2507	SOSC, SOSMC 3690 2948	UIC 3050		NATO CUR CODE 0856	UNIT PRICE 7075		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48	49 50 51 52 53	54	55 56	57	58	59	60	61 62 63	64 65	66	67 68 69	70 71 72 73 74 75 76 77 78	79	80
KMP	*	*	*	*	*	*	*	*	(2) H		*		*	(*)	(*)		*	*	*		*	*		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999		QUPC 6106		CIIC 2863		SHELF LIFE CODE 2943			MANAGEMENT CONTROL DATA		USI SERV CODE 0745	UNIT OF ISSUE CONVERSION FACTOR 3053		FORMER UI 8472		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43	44	45	46	47	48	49 50 51 52 53 54 55	56 57	58	59 60 61 62 63 64	65	66 67	68 69 70 71 72 73 74 75 76 77 78 79	80
KMP	*	*	*	*	*	*	*	*	(2) H		*		*		*		(3) (*)	(3) (*)		(*)	(*)		(*)		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999		PHRASE CODE 2862		QUANTITATIVE EXPRESSION RELATED NSN TECHNICAL DOCUMENT NUMBER 8575 / 2895 / 2893															QUANTITY PER ASSEMBLY 0106		UNIT OF MEASURE OF RELATED NSN 0107			CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43	44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62															63 64 65		66	67 68	69 70 71 72 73 74 75 76 77 78 79	80
KMP	*	*	*	*	*	*	*	*	(2) H		(*)		(3) (*)															(*)			(*)			*

KMP

PARTIAL MATCH (SCREENING) (See note 1)

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	MRC 3445	PRINT CONT CODE 0234	REQUIREMENT STATEMENT 3614	CCC 8255	MRC DECODED REPLY FIELD 0113	DETC 8268	CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45	46 47 48 49 50 51 52 53 54 55 56 57 58 59	60	61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78	79	80
KMP	*	*	*	*	*	*	*	*	(3) (4) M	*	*	*	@	*	#	*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	CODED CHARACTERISTICS DATA GROUP 3317	DETC 8268	CODED CHARACTERISTICS DATA GROUP 3317	SVTC 0339	CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57	58	59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80	
KMP	*	*	*	*	*	*	*	*	(3) (4) V	*	#		# #	*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN 3960	SEGMENT CODE 8999	DATE, EFFECTIVE, LOGISTICS ACTION 2128	DIC, ORIGINAL INPUT 3922		ORIGINATOR CODE 4210		DRN 0950	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45	46 47 48	49	50 51	52	53 54 55 56	57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KMP	*	*	*	*	*	*	*	*	(3) Z	*	*		*		*	

NOTES : (1) KMP IS ALWAYS PRECEEDED BY KMR (SEE KMR FURTHER ON).
(2) THE SEGMENT B AND H RECORDS ARE REPEATED AS REQUIRED.
(3) SEE THE SPECIAL NOTES FOR SEGMENTS C, E, H, M OR V AND Z IN SUB-SECTION 512.
(4) IF THE REFERENCE METHOD FOR IDENTIFICATION IS USED, SEGMENTS M AND V WILL NOT BE FURNISHED; FOR DESCRIPTIVE METHOD IDENTIFICATION SEGMENTS M OR V WILL BE FURNISHED AS REQUESTED.

KMR

MATCHING REFERENCE (SCREENING) (See note 1)

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015: ORIGINATOR CODE 4210	DOCUMENT CONTROL NUMBER 1015: SUBMITTER CODE 3720	DOCUMENT CONTROL NUMBER 1015: TRANSACTION DATE 2310	DOCUMENT CONTROL NUMBER 1015: DOCUMENT CONTROL SERIAL NUMBER 1000		RNFC 2920		SEGMENT CODE 8999		NCAGE CODE 4140		REFERENCE NUMBER 3570	CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26 27	28	29 30 31 32 33 34 35 36 37 38 39	40	41	42 43 44 45 46	47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
KMR	*	*	*	*	*	*		*		J		*		*	1

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	SPSN 8328		DRN 0950		0238 TYPE VALUE CODE	(SUBMITTED) NCAGE CODE 4140		0238 TYPE VALUE CODE	(CHANGED) NCAGE CODE 4140	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43	44	45 46 47 48	49	50 51	52 53 54 55 56	57 58 59 60 61	62 63	64 65 66 67 68	69 70 71 72 73 74 75 76 77 78 79 80
KMR	*	*	*	*	*	*	(*)	(*)	(2) 1	*		4140		*	*		*	*	

NOTE : (1) KMR IS ALWAYS PRECEEDED BY KSR AND FOLLOWED BY KMP (SEE KSR).

(2) SEE THE SPECIAL NOTES FOR SEGMENT 1 IN SUB-SECTION 512.

KMT

STANDARDIZATION RELATIONSHIP PREFERRED ITEM DATA (See note 1)

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	MATCHED NSN 4120	SEGMENT CODE 8999	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KMT	*	*	*	*	*	*	*	*	L	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	MATCHED NSN 4120	SEGMENT CODE 8999	IIG NUMBER 4065	ITEM NAME CODE 4080	APPROVED/NON APPROVED ITEM NAME 5010 / 5020		TYPE II CODE 4820	RPDMRC 4765	DEMIL CODE 0167	DATE, NIIN ASSIGNMENT 2180	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46	47 48 49 50 51	52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70	71	72	73	74	75 76 77 78 79	80
KMT	*	*	*	*	*	*	*	*	A	(*)	*	*		*	*	(*)	(*)	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	MATCHED NSN 4120	SEGMENT CODE 8999	MOE RULE NUMBER 8290		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
KMT	*	*	*	*	*	*	*	*	(2) B	*		1

KMT

STANDARDIZATION RELATIONSHIP PREFERRED ITEM DATA

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	MATCHED NSN 4120	SEGMENT CODE 8999	RNFC 2920	RNCC 2910	RNVC 4780	DAC 2640	RNAAC 2900	RNSC 2923	RNJC 2750	REFERENCE 0846 NCAGE CODE 4140	REFERENCE 0846 REFERENCE NUMBER 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43	44 45	46 47	48 49	50 51	52 53	54	55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
KMT	*	*	*	*	*	*	*	*	(2) (3) C	*	*	*	*	*	*	(*)		*		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	MATCHED NSN 4120	SEGMENT CODE 8999	REFERENCE NUMBER (Cont'd) 3570		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
KMT	*	*	*	*	*	*	*	*	(2) (3) C		*		2

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NSN REPLACED NSN, REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP 3960 / 8977 / 9525	SEGMENT CODE 8999	ISC 2650/8525	ORIG STDZ DEC 9325	DATE STDZ DEC 2300	NIIN STATUS CODE 2670	REPLACED NSN, REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP 8977 / 9525	ISC 2650/8525	ORIG STDZ DEC 9325	DATE STDZ DEC 2300	NIIN STATUS CODE 2670	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43	44 45 46 47 48	49	50 51 52 53 54 55 56 57 58 59 60 61 62	63 64	65 66	67	68 69 70 71 72	73	74 75	76 77 78 79 80
KMT	*	*	*	*	*	*	*	*	(2) E	*	*	*	*	*	*		*		(*)	

KMT

STANDARDIZATION RELATIONSHIP PREFERRED ITEM DATA

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	MATCHED NSN 4120	SEGMENT CODE 8999		DATE, EFFECTIVE, LOGISTICS ACTION 2128		MOE CODE 2833	PMIC 0802	ADP EIC 0801		AAC 2507	SOSC, SOSMC 3690 2948	UIC 3050		NATO CUR CODE 0856	UNIT PRICE 7075		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48	49 50 51 52 53	54	55 56	57	58	59	60	61 62 63	64 65	66	67 68 69	70 71 72 73 74 75 76 77 78	79	80
KMT	*	*	*	*	*	*	*	*	(2) H		*		*	(*)	(*)		*	*	*		*	*		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	MATCHED NSN 4120	SEGMENT CODE 8999		QUPC 6106	CIIC 2863		SHELF LIFE CODE 2943			MANAGEMENT CONTROL DATA CONVERSION FACTOR		USI SERV CODE 0745	UNIT OF ISSUE 3053		FORMER UI 8472		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43	44	45	46	47	48	49 50 51 52 53 54 55	56 57	58	59	60 61 62 63 64 65	66 67	68 69 70 71 72 73 74 75 76 77 78 79	80
KMT	*	*	*	*	*	*	*	*	(2) H		*		*		*		(4) (*)	(4) (*)		(*)		(*)		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	MATCHED NSN 4120	SEGMENT CODE 8999	PHRASE CODE 2862		QUANTITATIVE EXPRESSION RELATED NSN TECHNICAL DOCUMENT NUMBER 8575 / 2895 / 2893		QUANTITY PER ASSEMBLY 0106		UNIT OF MEASURE OF RELATED NSN 0107		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62		63 64 65	66	67 68	69 70 71 72 73 74 75 76 77 78 79	80
KMT	*	*	*	*	*	*	*	*	(2) H	(*)		(4) (*)		(*)		(*)		*

KMT

STANDARDIZATION RELATIONSHIP PREFERRED ITEM DATA

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	MATCHED NSN 4120	SEGMENT CODE 8999	MRC 3445	PRINT CONT CODE 0234	REQUIREMENT STATEMENT 3614	CCC 8255	MRC DECODED REPLY FIELD 0113	DETC 8268	CIC 8555
KMT	*	*	*	*	*	*	*	*	(2)(5) M	*	*	*	@	*	#	*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	MATCHED NSN 4120	SEGMENT CODE 8999	CODED CHARACTERISTICS DATA GROUP 3317	DETC 8268	CODED CHARACTERISTICS DATA GROUP 3317	SVTC 0339	CIC 8555
KMT	*	*	*	*	*	*	*	*	(2)(5) V	*	#	(2)	# #	*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	MATCHED NSN 4120	SEGMENT CODE 8999	DATE, EFFECTIVE, LOGISTICS ACTION 2128	DIC, ORIGINAL INPUT 3922	ORIGINATOR CODE 4210	DRN 0950
KMT	*	*	*	*	*	*	*	*	(3) Z	*	*	*	*

NOTES :
(1) KMT IS OUTPUT SUBSEQUENT TO, AND IN ADDITION TO KMP USING THE SAME CONTROL DATA ELEMENTS.
(2) SEGMENT B, C, E, H AND M OR V RECORDS ARE REPEATED AS REQUIRED.
(3) SEE THE SPECIAL NOTES FOR SEGMENTS C, V AND Z IN SUB-SECTION 512.
(4) SEE SPECIAL NOTES FOR SEGMENT H IN SUB-SECTION 512.
(5) IF THE REFERENCE METHOD FOR IDENTIFICATION IS USED, SEGMENT M OR V WILL NOT BE FURNISHED. FOR DESCRIPTIVE METHOD IDENTIFICATION, SEGMENT M OR V WILL BE FURNISHED AS REQUESTED.

KNR

NO MATCH (See note 1)

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000		RNFC 2920		SEGMENT CODE 8999		NCAGE CODE 4140		REFERENCE NUMBER 3570	CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26 27	28	29 30 31 32 33 34 35 36 37 38 39	40	41	42 43 44 45 46	47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
KNR	*	*	*	*	*	*		*		J		*		*	1

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	SPSN 8328		DRN 0950		TYPE VAL CODE 0238	(SUBMITTED) NCAGE CODE 4140		TYPE VAL CODE 0238	(CHANGED) NCAGE CODE 4140	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43	44	45 46 47 48	49	50	51 52 53 54 55 56	57 58 59 60 61	62	63 64 65 66 67 68	69 70 71 72 73 74 75 76 77 78 79 80
KNR	*	*	*	*	*	*	(*)	(*)	(2) 1	*		4140		*	*		*	*	

NOTE : (1) KNR IS ALWAYS PRECEEDED BY KSR (SEE KSR FURTHER ON).

(2) SEE THE SPECIAL NOTES FOR SEGMENT 1 IN SUB-SECTION 512.

KPA

ADD PACKAGING DATA

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015: ORIGINATOR CODE 4210	DOCUMENT CONTROL NUMBER 1015: SUBMITTER CODE 3720	DOCUMENT CONTROL NUMBER 1015: TRANSACTION DATE 2310	DOCUMENT CONTROL NUMBER 1015: DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KPA	A01	*	*	*	*	*	*	*		LPA		*	

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015: ORIGINATOR CODE 4210	DOCUMENT CONTROL NUMBER 1015: SUBMITTER CODE 3720	DOCUMENT CONTROL NUMBER 1015: TRANSACTION DATE 2310	DOCUMENT CONTROL NUMBER 1015: DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	PDSC 5148	PICA / SICA 5099		INTER-MEDIATE CONT QTY 5152	UNIT PACK WEIGHT 5153	UNIT PACK SIZE 5154	UNIT PACK CUBE 5155	PACK CAT CODE 5159	ITSC 5156		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43 44 45	46 47 48	49 50 51 52 53	54 55 56 57 58 59 60 61 62 63 64 65	66 67 68 69 70 71 72	73 74 75 76	77	78 79	80
KPA	*	*	*	*	*	*	*	*	W	*	*		*	*	*	*	*	*		*

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015: ORIGINATOR CODE 4210	DOCUMENT CONTROL NUMBER 1015: SUBMITTER CODE 3720	DOCUMENT CONTROL NUMBER 1015: TRANSACTION DATE 2310	DOCUMENT CONTROL NUMBER 1015: DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	UNPACKAGED ITEM WEIGHT 5157	UNPACKAGED ITEM DIMENSIONS 5158	METH OF PRES 5160	CADPC 5161	PRES MAT CODE 5162	WRAP MAT CODE 5163	CUSH AND DUN MAT 5164	TCODC 5165	UNIT CONT CODE 5166	INT CONT CODE 5167	UCLC 5168		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45	46 47 48 49 50 51 52 53 54 55 56 57	58 59	60	61 62	63 64	65 66	67	68 69	70 71	72	73 74 75 76 77 78 79	80
KPA	*	*	*	*	*	*	*	*	W	*	*	*	*	*	*	*		*	*	*		*

KPA (cont'd)

ADD PACKAGING DATA

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	SPEC MARK CODE 5169	PRCA 5170	PRCB 5171	PRCMP 5172	OPIC 5173	SUPPLEMENTAL INSTRUCTIONS 5174		CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000											
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42	43	44	45	46	47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72	73 74 75 76 77 78 79	80
KPA	*	*	*	*	*	*	*	*	W	*	*	*	*	*	*		*

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	SUPPLEMENTAL INSTRUCTIONS (CONTINUED) 5174		CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000						
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73	74 75 76 77 78 79	80
KPA	*	*	*	*	*	*	*	*	W	*		*

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	SPECIAL PACKAGING INSTRUCTION NUMBER 5175	SPI REVISION 5176	SPI DATE 5177	CONTAINER NATIONAL STOCK NUMBER 5178	PACKAGING DESIGN ACTIVITY CODE 5179		CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000										
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50	51	52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69	70 71 72 73 74	75 76 77 78 79	80
KPA	*	*	*	*	*	*	*	*	W	*	*	*	*	*		*

KPC

CHANGE PACKAGING DATA

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000							
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KPC	A01	*	*	*	*	*	*	*		LPC		*	

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		SEGMENT CODE 8999	PDSC 5148	PICA / SICA 5099		INTER-MEDIATE CONT QTY 5152	UNIT PACK WEIGHT 5153	UNIT PACK SIZE 5154	UNIT PACK CUBE 5155	PACK CAT CODE 5159	ITSC 5156		CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000															
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43 44 45	46 47 48	49 50 51 52 53	54 55 56 57 58 59 60 61 62 63 64 65	66 67 68 69 70 71 72	73 74 75 76	77	78 79	80
KPC	*	*	*	*	*	*	*	*	W	*	*		*	*	*	*	*	*		*

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		SEGMENT CODE 8999	UNPACKAGED ITEM WEIGHT 5157	UNPACKAGED ITEM DIMENSIONS 5158		METH OF PRES 5160	CADPC 5161	PRES MAT CODE 5162	WRAP MAT CODE 5163	CUSH AND DUN MAT 5164	TCODC 5165	UNIT CONT CODE 5166	INT CONT CODE 5167	UCLC 5168		CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000																	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45	46 47 48	49 50 51 52 53 54 55 56 57	58 59	60	61 62	63 64	65 66	67	68 69 70 71	72	73 74 75 76 77 78 79	80
KPC	*	*	*	*	*	*	*	*	W	*	*		*	*	*	*	*		*	*	*		*

KPC (cont'd)

CHANGE PACKAGING DATA

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	SPEC MARK CODE 5169	PRCA 5170	PRCB 5171	PRCMP 5172	OPIC 5173	SUPPLEMENTAL INSTRUCTIONS 5174	CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000										
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42	43	44	45	46	47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
KPC	*	*	*	*	*	*	*	*	W	*	*	*	*	*	*	*

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	SUPPLEMENTAL INSTRUCTIONS (CONTINUED) 5174	CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000					
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
KPC	*	*	*	*	*	*	*	*	W	*	*

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	SPECIAL PACKAGING INSTRUCTION NUMBER 5175	SPI REVISION 5176	SPI DATE 5177	CONTAINER NATIONAL STOCK NUMBER 5178	PACKAGING DESIGN ACTIVITY CODE 5179	CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000									
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50	51	52 53 54 55 56	57 58 59 60 61 62 63 64 65 66 67 68 69	70 71 72 73 74	75 76 77 78 79	80
KPC	*	*	*	*	*	*	*	*	W	*	*	*	*	*		*

KPD

DELETE PACKAGING DATA

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000							
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KPD	A01	*	*	*	*	*	*	*		LPD		*	

DIC 3920	PSN 1070	PIC 2867	DOCUMENT CONTROL NUMBER 1015				NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	PDSC 5148	PICA / SICA 5099		CIC 8555
			ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000							
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42	43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
KPD	Z02	*	*	*	*	*	*	*	W	*	*		1

KPM

PROCESSING MALFUNCTION

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	DIC INPUT	DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41 42 43 44 45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KPM	A01	*	*	*	*	*	*	*		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	IIG NUMBER 4065	ITEM NAME CODE 4080	APPROVED/NON APPROVED ITEM NAME 5010/5020		TYPE II CODE 4820	RPDMRC 4765	DEMIL CODE 0167	DATE, NIIN ASSIGNMENT 2180	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46	47 48 49 50 51	52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70	71	72	73	74	75 76 77 78 79	80
KPM	A02	*	*	*	*	*	*	*	A	(*)	*	*		*	*	(*)	(*)	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	MOE RULE NUMBER 8290		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
KPM	*	*	*	*	*	*	*	*	(1) B	*		1

KPM

PROCESSING MALFUNCTION

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NATO FMSN	ASSIGNED NATO STOCK NUMBER	SEGMENT CODE	RNFC	RNCC	RNVC	DAC	RNAAC	RNSC	RNJC	REFERENCE 0646			CIC
																	NCAGE CODE	REFERENCE NUMBER		
3920	1070	2867	4210	3720	2310	1000	1516	3960	8999	2920	2910	4780	2640	2900	2923	2750	4140	3570		8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43	44	45 46 47	48	49 50 51	52 53	54	55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
KPM	*	*	*	*	*	*	*	*	(2) C	*	*	*	*	*	*	(*)	*	*		*

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NATO FMSN	ASSIGNED NATO STOCK NUMBER	SEGMENT CODE		REFERENCE NUMBER (Cont'd)		CIC
3920	1070	2867	4210	3720	2310	1000	1516	3960	8999		3570		8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59	60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75	76 77 78 79	80
KPM	*	*	*	*	*	*	*	*	(2) C		*		2

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NATO FMSN	ASSIGNED NSN REPLACED NSN, REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP	SEGMENT CODE	2650/8525 ISC	ORIG STDZ DEC	DATE STDZ DEC	2670 NIIN STATUS CODE	REPLACED NSN, REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP	2650/8525 ISC	ORIG STDZ	DATE STDZ	2670 NIIN STATUS CODE	
3920	1070	2867	4210	3720	2310	1000	1516	3960 / 8977 / 9525	8999	2650/8525 ISC	ORIG STDZ DEC 9325	DATE STDZ DEC 2300	2670 NIIN STATUS CODE	8977 / 9525	2650/8525 ISC	ORIG STDZ 9325	DATE STDZ 2300	2670 NIIN STATUS CODE	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43	44 45 46 47 48	49	50 51 52 53 54 55 56 57 58 59 60 61 62	63	64 65 66	67 68 69 70 71 72	73	74	75 76 77 78 79 80
KPM	*	*	*	*	*	*	*	*	(2) E	*	*	*	*	(*)	(*)	(*)	(*)	(*)	

KPM

PROCESSING MALFUNCTION

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	DATE, EFFECTIVE, LOGISTICS ACTION 2128	MOE CODE 2833	PMIC 0802	ADP EIC 0801	AAC 2507	SOSC, SOSMC 3690 2948	UIC 3050	NATO CUR CODE 0856	UNIT PRICE 7075	CIC 8555
KPM	*	*	*	*	*	*	*	*	(2) H	*	*	*	*	*	*	*	*	*	*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	QUPC 6106	CIIC 2863	SHELF LIFE CODE 2943	MANAGEMENT CONTROL DATA	USI SERV CODE 0745	UNIT OF ISSUE CONVERSION FACTOR 3053	FORMER UI 8472	CIC 8555
KPM	*	*	*	*	*	*	*	*	(2) H	*	*	*	(3) (*)	(*)	(*)	(*)	*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	PHRASE CODE 2862	QUANTITATIVE EXPRESSION, RELATED NSN, TECHNICAL DOCUMENT NUMBER 8575 / 2895 / 2893	QUANTITY PER ASSEMBLY 0106	UNIT OF MEASURE OF RELATED NSN 0107	CIC 8555
KPM	*	*	*	*	*	*	*	*	(2) H	(*)	(3) (*)	(*)	(*)	*

KPM

PROCESSING MALFUNCTION

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	MRC 3445	PRINT CONT CODE 0234	REQUIREMENT STATEMENT 3614	CCC 8255	MRC DECODED REPLY FIELD 0113	DETC 8268	CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45	46 47 48 49 50 51 52 53 54 55 56 57 58 59	60	61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78	79	80
KPM	*	*	*	*	*	*	*	*	(2) (4) M	*	*	*	@	*	#	*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	CODED CHARACTERISTICS DATA GROUP 3317	DETC 8268	CODED CHARACTERISTICS DATA GROUP 3317	SVTC 0339		CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57	58	59 60 61 62 63 64 65 66 67	68 69	70 71 72 73 74 75 76 77 78 79	80
KPM	*	*	*	*	*	*	*	*	(2) (4) V	*	#		##		*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	DATE, EFFECTIVE, LOGISTICS ACTION 2128	DIC, ORIGINAL INPUT 3922		ORIGINATOR CODE 4210		DRN 0950	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45	46 47 48	49	50 51	52	53 54 55 56	57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KPM	*	*	*	*	*	*	*	*	(2) Z	*	*		*		*	

NOTES : (1) THE SEGMENT B RECORD IS REPEATED AS REQUIRED.
(2) SEE THE SPECIAL NOTES FOR SEGMENTS C, E, H, M OR V AND Z IN SUB-SECTION 512
(3) SEE SPECIAL NOTES FOR SEGMENT H IN SUB-SECTION 512
(4) IF THE REFERENCE METHOD FOR IDENTIFICATION IS USED, SEGMENT M OR V WILL NOT BE FURNISHED; FOR DESCRIPTIVE METHOD IDENTIFICATION SEGMENT M OR V WILL BE FURNISHED AS REQUESTED.

KRE

NOTIFICATION OF RETURN

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KRE	A01	*	*	*	*	*	(*)	(1) (2) (3) (*)	(4)	*		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	SPSN 8328		DRN 0950		TYPE VALUE CODE 0238	(SUBMITTED) NCAGE CODE 4140		TYPE VALUE CODE 0238	(CHANGED) NCAGE CODE 4140	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43	44	45 46 47 48	49	50 51	52 53 54 55 56	57 58 59 60 61	62 63	64 65 66 67 68	69 70 71 72 73 74 75 76 77 78 79 80
KRE	*	*	*	*	*	*	(*)	(*)	(5) 1	*		4140		*	*		*	*	

KRE

NOTIFICATION OF RETURN

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NATO FMSN	ASSIGNED NATO STOCK NUMBER	SEGMENT CODE		SPSN/ NATO FMSN		DRN		RET CODE		SPSN/ NATO FMSN		DRN		RET CODE		SPSN/ NATO FMSN		DRN		RET CODE	CIC
3920	1070	2867	4210	3720	2310	1000	1516	3960	8999		8328 1516		0950		9480		8328 1516		0950		9480		8328 1516		0950		9480	8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46	47 48 49	50	51 52 53 54	55	56 57	58	59 60 61	62	63 64 65 66	67	68 69	70	71 72 73	74	75 76 77	78 79	80
								(2) (3)	(5)						(6)												
KRE	*	*	*	*	*	*	(*)	(*)	P		*		*		*		(*)		(*)		(*)		(*)		(*)		(*)	(*)

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NATO FMSN	ASSIGNED NATO STOCK NUMBER	SEGMENT CODE			SPSN/ NATO FMSN		DRN		RET CODE		DRN VALUE		DETC			CIC
3920	1070	2867	4210	3720	2310	1000	1516	3960	8999			8328 1516		0950		9480		9975		8268			8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46		47 48 49	50	51 52 53 54	55	56 57	58	59 60 61 62 63 64 65	66	67 68 69 70 71 72 73 74 75 76 77 78 79			80
								(1) (2) (3)	(5)							(6)							
KRE	*	*	*	*	*	*	(*)	(*)	Q			*		*		*		*		#			*

NOTES : (1) THIS FIELD WILL CONTAIN THE SUBMITTED NSN IF THE SUBMITTED NSC IS DIFFERENT FROM THE ONE RECORDED IN THE TIR. SEGMENT Q SHOULD BE USED AND WILL CONTAIN THE NSC AS RECORDED IN THE TIR POSITIONS 59-62.

(2) WHEN THIS DIC IS OUTPUT IN RESPONSE TO A LSA TRANSACTION OR A LFN SUBMITTED AGAINST A LSA TRANSACTION AND THE NSN IS NOT AVAILABLE, THE NATO CODE FOR THE NCB (DRN 4130) RAISING THE OUTPUT MUST BE PRESENT IN POSITIONS 31-32.

(3) WHEN THIS DIC IS OUTPUT IN RESPONSE TO A LTI TRANSACTION POSITIONS 27-30 MAY BE BLANK. I.E. THERE WILL BE NO NSC (DRN 3990).

(4) WHEN THIS DIC FORMS PART OF A KFN OUTPUT PACKAGE THE OUTPUT HEADER IS NOT REQUIRED.

(5) SEE THE SPECIAL NOTES FOR SEGMENTS 1, P AND Q IN SUB-SECTION 512.

(6) SEE NEXT PAGES.

KRE
-
Cross-reference Table of Return Codes/Segments

1. In the international exchange by ADP, the returning conditions which fail to pass the established edit/validation criteria, involves the use of several possible Segments "P" and/or "Q" but as a result of the processing study, only one (either P or Q) is issued. The determination as to which segment is used depends upon whether the value of the data element(s) will be included with a particular Return Code.

   The attached table indicates the segment which will be utilized with each applicable Return Code.

2. The table, arranged in Return Code sequence, further identifies :

   (a) The DRN(s) of the specific data element(s) which caused the application of the Return Code on Segment "P" or "Q".

   (b) The transactions where the specific Return Codes can occur.

KRE - Return Codes

Return Code	Segment	DRN	Transactions where it can occur
AB	P	3570	LSA
AE	P	4140	LAR LCR LDR
AU	Q	3960	LAR LAU LCR LDR LDU LMD LSA
		4000	LTI
BZ	P	9102	LAR LCR
DN	P	3570	LCR LDR
		8290	LDU
		9102	LDR
EC	Q	3990	LAR LAU LCR LDR LMD
FN	P	4000	LAR LAU LCR LDR LDU LMD LTI
IC	Q	3920	LMD
IV	Q	3880	LSA
		4690	LTI
		8290	LAU LDU

Return Code	Segment	DRN	Transactions where it can occur
JR	P	2750	LAR
MI	P	3880	LSA
		4690	LTI
		8290	LAU LDU
NR	P	8290	LAR LCR LDR LMD
NS	Q	2670	LDU
OP	P	3570	LAR LSA
RS	P	3720	LAR LAU LCR LDR LDU
SC	P	4000	LAR LAU LCR LDR LDU LMD LTI
SM	P	3570	LSA
		8290	LAU LSA
		9102	LAR LCR LDR
TA	P	3570	LSA
TC	Q	4140	LAR
TD	P	9102	LAR LCR
UG	P	4780	LAR LCR
UJ	P	2910	LAR LCR LDR

KRP

NOTIFICATION OF POSSIBLE DUPLICATE (SUBMITTER)

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER		ASSIGNED NATO STOCK NUMBER 3960				DIC INPUT		DESTINATION ACTIVITY CODE	
								NSC	NCB CODE						
3920	1070	2867	4210	3720	2310	1000		3990	4130			3921		3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30	31 32	33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KRP	A01	*	*	*	*	*		*	*	(*)		*		*	

NOTE: KRP OUTPUT HEADER IS FOLLOWED BY EITHER DIC KFD OR KFA.

KRT

NOTIFICATION OF RECEIPT OF LSA

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER		NCB CODE		RECORDED SUSPENSE FILE ENTRY DATE		DIC INPUT		DESTINATION ACTIVITY CODE	
3920	1070	2867	4210	3720	2310	1000		4130		0870		3921		3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26 27 28 29 30	31 32	33 34	35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KRT	Z01	4	*	*	*	*		*		*		LSA		*	

KRU

NOTIFICATION OF UNPROCESSABLE PACKAGE

	DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000		ASSIGNED NATO STOCK NUMBER 3960		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80														
KRU	A01	*	*	*	*	*			(1) (2) (*)		*		*	

	DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000		ASSIGNED NATO STOCK NUMBER 3960		SEGMENT CODE 8999		SPSN 8328	DRN 0950	RET CODE 9480	SPSN 8328	DRN 0950	RET CODE 9480	SPSN 8328	DRN 0950	RET CODE 9480	CIC 8555
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80																						
KRU	*	*	*	*	*	*	*		(1) (2) (*)		(3) P		*	*	(4) *	(*)	(*)	(4) (*)	(*)	(*)	(4) (*)	*

	DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000		ASSIGNED NATO STOCK NUMBER 3960		SEGMENT CODE 8999		SPSN 8328	DRN 0950	RET CODE 9480	DRN VALUE 9975	DETC 8268	CIC 8555
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80																		
KRU	*	*	*	*	*	*	*		(1) (2) (*)		(3) Q		*	*	(4) *	*	#	*

NOTES : (1) WHEN THIS DIC IS OUTPUT IN RESPONSE TO A LSA TRANSACTION THE NATO CODE NCB (DRN 4130) OF THE NATION RAISING THE OUTPUT MUST BE GIVEN IN POSITIONS 31-32.

(2) WHEN THIS DIC IS OUTPUT IN RESPONSE TO A LTI TRANSACTION POSITIONS 27-30 MAY BE BLANK, I.E. THERE WILL BE NO NSC (DRN 3990).

(3) SEE THE SPECIAL NOTES FOR SEGMENTS P AND Q IN SUB-SECTION 512.

(4) SEE NEXT PAGES.

KRU - Unprocessable Transaction Concepts

1. Unprocessable transactions are defined as transactions which do not contain the minimum essential control elements required for processing, or transactions which are repeated with the same Document Control Number while the recipient's Suspense File indicates that the original transaction is still in process.

2. Unprocessable transactions are returned to the submitter under DIC KRU if this activity is mechanically identifiable. When submitter is not mechanically identifiable the transaction is dumped for manual review and further resolution within the NCB prior to return to the submitter. KRU was developed to give quick visibility to the submitter that the transaction was terminated without being subjected to all system edits, screens and other processes and must be corrected and resubmitted in its entirety. Specific error conditions will be identified through the use of Return Codes.

3. Unprocessable transactions terminate processing because the missing or invalid control data or conflicts within control data are such that the system cannot determine which processes, edits, guides or decisions the transaction should be subjected to or processed under.

4. Some of the types of errors which cause individual transactions to be unprocessable are :

   (a) the originator and/or submitter are invalid or blank.

   (b) The Document Control Number contains errors or blanks.

   (c) Invalid DIC(s).

   (d) Conflicts between a DIC and the mandatory or allowable segments (includes invalid Segment Codes).

   (e) Invalid Package Sequence Numbers.

   (f) the same DCN is already recorded in the Suspense File and has not been answered or rejected.

5. The following table indicates the segment which will be utilized with each applicable Return Code.

KRU - Return Codes

Return Code	Segment	DRN	Transactions where it can occur
GW	P	1015	LAR LAU LCR LDR LDU LMD LSA L23
IV	Q	1000	LAR LAU LCR LDR LDU LMD LSA LTI
		1070	LAR LAU LCR LDR LDU LMD LSA LTI
		2310	LAR LAU LCR LDR LDU LMD LSA LTI
		2640	LAR LCR
		2750	LAR
		2900	LAR
		2910	LAR LCR
		2920	LAR LCR LSA
		2923	LAR LCR
		3920	LAR LAU LCR LDR LDU LMD LSA LTI
		3960	LAR LAU LCR LDR LDU LMD
		4000	LTI
		4140	LAR LCR LDR LSA
		4210	LAR LAU LCR LDR LDU LMD LSA LTI
		4780	LAR LCR
		8555	LAR LAU LCR LDR LSA
		8999	LAR LAU LCR LDR LDU LMD LSA LTI
MI	P	1000	LAR LAU LCR LDR LDU LMD LSA LTI
		1070	LAR LAU LCR LDR LDU LMD LSA LTI
		2310	LAR LAU LCR LDR LDU LMD LSA LTI
		2640	LAR
		2900	LAR
		2910	LAR
		2920	LAR LSA

Return Code	Segment	DRN	Transactions where it can occur
		2923	LAR
		3570	LAR LCR LDR LSA
		3920	LAR LAU LCR LDR LDU LMD LSA LTI
		3960	LAR LAU LCR LDR LDU LMD
		4000	LTI
		4140	LAR LCR LDR LSA
		4210	LAR LAU LCR LDR LDU LMD LSA LTI
		4780	LAR
		8555	LAR LAU LCR LDR LSA
		8999	LAR LAU LCR LDR LDU LMD LSA LTI
RS	P	3920	LAR LAU LCR LDR LDU LMD LSA LTI
UV	Q	4140	LSA
5N	P	3920	LAR LCR LDR LSA
		3960	LAR LCR LDR LMD

KSR

SCREENING RESULTS (See next page)

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER	NATO FMSN		NCB CODE		DIC INPUT		DESTINATION ACTIVITY CODE	
3920	1070	2867	4210	3720	2310	1000	1516		4130		3921		3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30	31 32	33 34 35 36 37 38 39 40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KSR	A01	*	*	*	*	*	(*)		(1) *		*		*	

NOTE : (1) THE NATO CODE FOR NCB (DRN 4130) OF THE NATION RAISING THE OUTPUT WILL BE GIVEN IN THESE POSITIONS.

KSR
-
Sequence of Segments within a KSR Package

This Output Header (KSR) is followed at least by :

- either : one or more Segments J with KNR as necessary.
- and/or : one or more groups as necessary composed as follows and in this order:
  - Segment(s) J with KMR ;
  - Segment(s) L with KMP ;
  - Segments containing identification data and at least the Reference(s) entered in the Segment(s) J of this group.

NOTES : (1) Segment(s) J with KNR are only cited once in the reply, immediately following the Output Header.

(2) Segment(s) J with KMR are cited preceding each item identification containing the References entered in those Segments J ; they may thus appear several times in the reply (with different PSNs).

(3) Segments J are grouped in such manner that one item identification appears only once in the reply.

(4) Groups containing one or more Segment(s) J with DIC KMR are displayed with the order of NIINs.

(5) If the KNR or KMR contain also Segment(s) 1 this (these) segment(s) will follow immediately after the related Segment(s) J.

KTD

TOTAL CHARACTERISTICS DATA (See note 1)

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KTD	*	*	*	*	*	*	*	*	(2)	*		*	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	IIG NUMBER 4065	ITEM NAME CODE 4080	APPROVED/NON APPROVED ITEM NAME 5010 / 5020		TYPE II CODE 4820	RPDMRC 4765	DEMIL CODE 0167	DATE, NIIN ASSIGNMENT 2180	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46	47 48 49 50 51	52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70	71	72	73	74	75 76 77 78 79	80
KTD	*	*	*	*	*	*	*	*	A	(*)	*	*		*	*	(*)	(*)	

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	MRC 3445	PRINT CONT CODE 0234	REQUIREMENT STATEMENT 3614	CCC 8255	MRC DECODED REPLY FIELD 0113	DETC 8268	CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44	45	46 47 48 49 50 51 52 53 54 55 56 57 58 59	60	61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78	79	80
KTD	*	*	*	*	*	*	*	*	(3) (4) M	*	*	*	@	*	#	*

KTD

TOTAL CHARACTERISTICS DATA

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	CODED CHARACTERISTICS DATA GROUP 3317	DETC 8268	CODED CHARACTERISTICS DATA GROUP 3317	SVTC 0339	CIC 8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57	58	59 60 61 62 63 64 65 66 67	68 69	70 71 72 73 74 75 76 77 78 79 80
KTD	*	*	*	*	*	*	*	*	(3) (4) V	*	#	(5)	# #	*

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	DATE, EFFECTIVE, LOGISTICS ACTION 2128	DIC, ORGINAL INPUT 3922	ORIGINATOR CODE 4210	DRN 0950
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45	46 47 48	49 50 51	52 53 54 55 56
KTD	*	*	*	*	*	*	*	*	(5) Z	*	*	*	*

NOTES : (1) THIS OUTPUT DIC WILL NOT BE USED UNTIL SUCH TIME AS COUNTRIES CAN EXCHANGE CHARACTERISTICS DATA USING EITHER SEGMENT M OR SEGMENT V.

(2) WHEN THIS DIC FORMS PART OF A KMD OUTPUT PACKAGE THE OUTPUT HEADER RECORD IS NOT REQUIRED.

(3) THE SEGMENT M OR V RECORDS ARE REPEATED AS REQUIRED.

(4) IF THE REFERENCE METHOD FOR IDENTIFICATION IS USED, SEGMENTS M OR V WILL NOT BE FURNISHED; FOR DESCRIPTIVE IDENTIFICATION SEGMENT M OR V WILL BE FURNISHED AS REQUIRED.

(5) SEE THE SPECIAL NOTES FOR SEGMENT V AND Z IN SUB-SECTION 512.

KTN

INTERROGATED DATA NOT AVAILABLE

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960		DIC INPUT 3921		DESTINATION ACTIVITY CODE 3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KTN	Z01	*	*	*	*	*	*	*		LTI		*	

or FORMAT 2 (See note 1)

DIC 3920	PSN 1070	PIC 2867	ORIGINATOR CODE 4210	SUBMITTER CODE 3720	TRANSACTION DATE 2310	DOCUMENT CONTROL SERIAL NUMBER 1000	NATO FMSN 1516	ASSIGNED NATO STOCK NUMBER 3960	SEGMENT CODE 8999	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
KTN	*	*	*	*	*	*	*	*	L	

NOTE : (1) SEGMENT L WILL BE OUTPUT WITH THIS DIC IN LIEU OF AN OUTPUT HEADER WHEN GENERATED AS SECONDARY OUTPUT TO DIC KFN.

K23

RETURN OF NATO STOCK NUMBER CANCELLATION PROPOSAL

FIRST RECORD

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER		NSN PROPOSED FOR CANCELLATION			DIC INPUT		DESTINATION ACTIVITY CODE	
3920	1070	2867	4210	3720	2310	1000		3960			3921		3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
K23	A01	4	*	*	*	*		*			L23		*	

SECOND OR FINAL RECORD

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER		NSN PROPOSED FOR CANCELLATION		SEGMENT CODE	DRN		DRN VALUE	DETC	DRN		DRN VALUE	DETC	DRN		DRN VALUE	DETC		CIC
3920	1070	2867	4210	3720	2310	1000		3960		8999	0950		9975	8268	0950		9975	8268	0950		9975	8268		8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42 43 44	45	46 47 48	49	50 51 52 53	54	55	56	57 58 59 60	61	62 63 64 65 66 67 68 69 70 71 72 73 74	75	76 77 78 79	80
K23	*	4	*	*	*	*		*		R	(1) 3921	(1)	(1) *	#	(2) 6998	(2)	(2) *	#	(3) (4) (5) 8875/ 6999/ 3720	(3) (4) (5)	(3) (4) (5) *	#		

THIRD, FOLLOWING, OR FINAL RECORD

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER		NSN PROPOSED FOR CANCELLATION		SEGMENT CODE	DRN		DRN VALUE	DETC	DRN		DRN VALUE	DETC		CIC
3920	1070	2867	4210	3720	2310	1000		3960		8999	0950		9975	8268	0950		9975	8268		8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42 43 44	45	46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68	69	70 71 72 73	74	75 76	77	78 79	80
K23	*	4	*	*	*	*		*		R	(4) (5) 6999 / 3720	(4) (5)	(4) (5) *	#	(5) 3720	(5)	(5) *	#		(6)

Segment R is defined as "Data Element Oriented With Value" : DRN 0950 + Blank + DRN 9975 + #

NOTES :

(1) DRN 0950 value will be 3921 in positions 41-44 (2nd Record)
DRN 9975 value will be LKD, LKU or LKV, as applicable in positions 46-48 (2nd Record)

(2) DRN 0950 value will be 6998 in positions 50-53 (2nd Record)
DRN 9975 value will be the Reason Code (see Table 136, Reason Codes in DIC K23) in position 55 (2nd Record)

(3) On **LKD or LKU** :

- DRN 0950 value will be 8875 in positions 57-60 (2nd Record)
- DRN 9975 value will be the replacement NSN in positions 62-74 (2nd Record)

On **LKV** there is no replacement NSN, see Note (4)

(4) On **LKD, LKU or LKV**:

If DRN 6998 (Reason Code for proposed cancellation of NSN) value is Z :

- DRN 0950 value will be 6999 in positions 41-44 (3rd Record)
- DRN 9975 value will be the explanatory statement from position 46 (3rd Record). If the statement extends beyond position 79, a hyphen (-) Continuation Indicator Code will appear in position 80 and the explanation will continue in position 41 on the next Segment R record. The explanation may continue for as many lines as needed, as long as a hyphen (-) is entered in position 80 when continuation to the next line is necessary. When the statement is complete, it will be followed immediately by a crosshatch (#), see Note (5)

If DRN 6998 (Reason Code for proposed cancellation of NSN) is other than Z, see Note (5)

(5) On **LKD or LKU** :

If DRN 6998 (Reason Code for proposed cancellation of NSN) value is other than Z :

- DRN 0950 value will be 3720 in positions 41-44 followed by a blank in position 45 (3rd Record)
- DRN 9975 value will be the Submitter Code of the NCB generating the K23 in positions 46-47 (3rd Record) followed by a crosshatch (#)

If DRN 6998 (Reason Code for proposed cancellation of NSN) value is Z :

- DRN 0950 value will be 3720 immediately after the crosshatch (#) that indicates the explanatory statement for Reason Code Z
- DRN 9975 value will be the Submitter Code of the NCB generating the K23 immediately after "3720 + Blank" followed by a crosshatch (#)

All 8 positions of this "Data Element Oriented With Value" (DRN 0950 + Blank + DRN 9975 + #) must be entered on the same record. If not enough space remains on the last record the entire 8 positions must be entered on the following record beginning in position 41

On **LKV** :

If DRN 6998 (Reason Code for proposed cancellation of NSN) value is other than Z :

- DRN 0950 value will be 3720 in positions 57-60 followed by a blank in position 61 (2nd Record)
- DRN 9975 value will be the Submitter Code of the NCB generating the K23 in positions 62-63 (2nd Record) followed by a crosshatch (#)

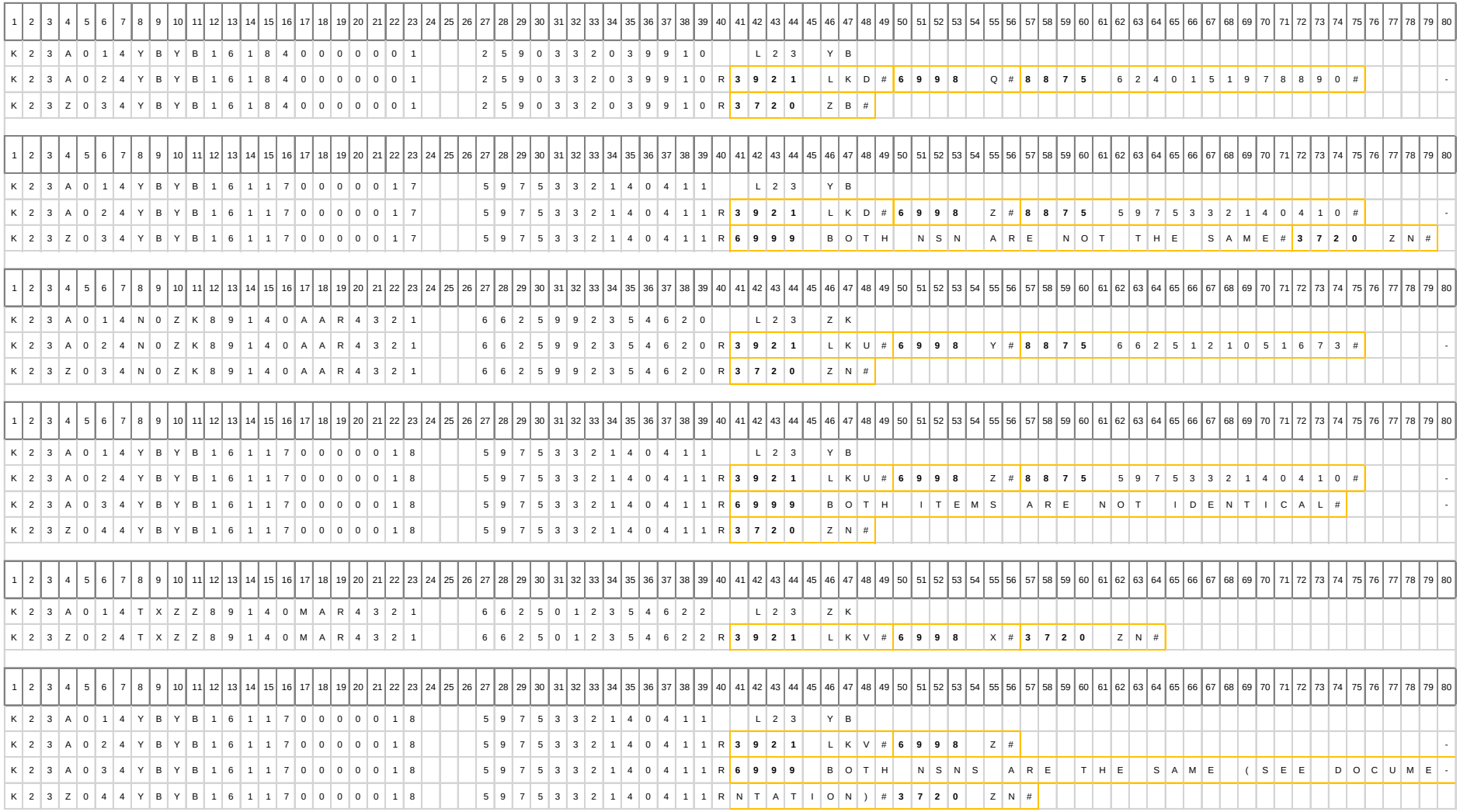
If DRN 6998 (Reason Code for proposed cancellation of NSN) value is Z :

- DRN 0950 value will be 3720 immediately after the crosshatch (#) that indicates the explanatory statement for Reason Code Z
- DRN 9975 value will be the Submitter Code of the NCB generating the K23 immediately after "3720 + Blank" followed by a crosshatch (#)

All 8 positions of this "Data Element Oriented With Value" (DRN 0950 + Blank + DRN 9975 + #) must be entered on the same record. If not enough space remains on the last record the entire 8 positions must be entered on the following record beginning in position 41

(6) Put a hyphen (-) in this position except when it is the final or only one Segment R record, in which case it will be blank

SAMPLES OF K23 OUTPUT



K27

RETURN OF REQUEST FOR CODIFICATION (See NOTES 1 and 4)

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER			NCB CODE			DIC INPUT		DESTINATION ACTIVITY CODE	
3920	1070	2867	4210	3720	2310	1000			4130			3921		3880	
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30	31 32	33 34 35 36 37 38 39	40 41	42 43 44	45	46 47	48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
K27	A01	*	*	*	*	*			*			LSA		*	

DIC	PSN	PIC	ORIGINATOR CODE	SUBMITTER CODE	TRANSACTION DATE	DOCUMENT CONTROL SERIAL NUMBER			SEGMENT CODE	DRN		DRN VALUE	DETC		CIC
3920	1070	2867	4210	3720	2310	1000			8999	0950		9975	8268		8555
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24 25 26	27 28 29 30 31 32 33 34 35 36 37 38 39	40	41	42 43 44	45	46 47 48 49 50 51 52 53 54 55 56 57 58 59	60	61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79	80
K27	*	*	*	*	*				R	(2) 7325			(3) *	#	*	

Notes : (1) THIS TRANSACTION IS LIMITED TO EIGHT 80-POSITIONS RECORDS, INCLUDING OUTPUT HEADER.

(2) MULTIPLE ENTRIES OF DRN 7325 ARE ALLOWABLE.

(3) THE FIRST THREE POSITIONS OF THIS FIELD WILL REFLECT A REASON FOR RETURN/NOTIFICATION CODE, REFER TO TABLE 130, SUB-SECTION 553 FOR CODES, VARIABLE LENGTH DATA, WHEN APPLICABLE, WILL BEGIN IN THE FIFTH POSITION. IF MULTIPLE DRN 7325 ENTRIES APPLY, THE REASON FOR RETURN/NOTIFICATION CODES SHOULD BE ENTERED IN NUMERIC SEQUENCE.

(4) SEGMENT L WILL BE OUTPUT WITH THIS DIC IN LIEU OF AN OUTPUT HEADER WHEN GENERATED AS SECONDARY OUTPUT TO DIC KFN.

K27

RETURN OF REQUEST FOR CODIFICATION

SAMPLES OF DIC K27 OUTPUT **SINGULAR REPLY**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
K	2	7	A	0	1	4	D	X	Z	G	8	6	1	3	0	M	A	R	1	2	3	7								9	9										L	S	A		Z	G																																		
K	2	7	Z	0	2	4	D	X	Z	G	8	6	1	3	0	M	A	R	1	2	3	7																	R	7	3	2	5		5	0	0		K	2	3	1	1	2	3	4	A	5	9	3	8	1	4	#	7	3	2	5		6	0	4	#						

SAMPLES OF DIC K27 OUTPUT **REPLY WITH MANDATORY EXPLANATIONS**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
K	2	7	A	0	1	4	0	3	Z	N	8	6	1	3	5	1	N	5	9	1	3	8								0	0										L	S	A		Z	N																																		
K	2	7	A	0	2	4	0	3	Z	N	8	6	1	3	5	1	N	5	9	1	3	8																	R	7	3	2	5		5	0	0		0	1	2	A	0	X	2	3	F	#																					-
K	2	7	A	0	3	4	0	3	Z	N	8	6	1	3	5	1	N	5	9	1	3	8																	R	7	3	2	5		6	1	1		0	5	Z	N	8	5	2	6	0	A	B	1	2	5	9	A	#														-
K	2	7	A	0	4	4	0	3	Z	N	8	6	1	3	5	1	N	5	9	1	3	8																	R	7	3	2	5		6	1	2		1	4	5	0	0	1	5	6	7	1	2	3	4	#																	-
K	2	7	A	0	5	4	0	3	Z	N	8	6	1	3	5	1	N	5	9	1	3	8																	R	7	3	2	5		7	0	1		2	3	1	1	X	2	3	F	0	3	#	7	3	2	5		7	0	2		7	2	1	5	0	#					-
K	2	7	Z	0	6	4	0	3	Z	N	8	6	1	3	5	1	N	5	9	1	3	8																	R	7	3	2	5		8	0	1	#																															

SAMPLES OF DIC K27 OUTPUT **REPLY WITH MANDATORY EXPLANATIONS**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
K	2	7	A	0	1	4	Z	K	Z	K	8	6	2	0	1	A	B	E	0	0	0	3								1	7										L	S	A		Z	K																																		
K	2	7	A	0	2	4	Z	K	Z	K	8	6	2	0	1	A	B	E	0	0	0	3																	R	7	3	2	5		5	0	0		H	5	3	O	1	C	1		5	Y	(	E	)	A	W	G	#														-
K	2	7	A	0	3	4	Z	K	Z	K	8	6	2	0	1	A	B	E	0	0	0	3																	R	7	3	2	5		6	0	1		R	N		M	U	S	T		R	E	A	D		C	I		5	Y	(	E	)	A	W	G	9	Z		O	R		-
K	2	7	A	0	4	4	Z	K	Z	K	8	6	2	0	1	A	B	E	0	0	0	3																	R	C	1		5	Y	(	E	)	A	W	G	5	A	.	R	E	V	I	E	W		A	N	D		S	U	B	M	I	T		N	E	W		L	S	A	-
K	2	7	Z	0	5	4	Z	K	Z	K	8	6	2	0	1	A	B	E	0	0	0	3																	R	#																																													

K27

RETURN OF REQUEST FOR CODIFICATION

SAMPLES OF DIC K27 OUTPUT **SINGULAR REPLY AND ADDITIONAL COMMENTS**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

```
K27A014ZBZB933338002747       14         LSA ZB
K27A024ZBZB933338002747                R7325 500 F0537A13-10830-9120R51-KE#    -
K27A034ZBZB933338002747                R7325 604#                              -
K27A044ZBZB933338002747                R7325 613 THE REFERENCE NUMBERS OF THIS -
K27Z054ZBZB933338002747                RMANUFACTURER ARE MADE OF 12 CHARACTERS#
```

SAMPLES OF DIC K27 OUTPUT **REPLY WITH MANDATORY EXPLANATIONS AND ADDITIONAL COMMENTS**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

```
K27A01463ZF951370000937       12         LSA ZF
K27A02463ZF951370000937                R7325 611 48ZF9510800001444#
K27A03463ZF951370000937                R7325 613 THIS REQUEST IS BEING PROCESSE-
K27Z04463ZF951370000937                RD#
```

SAMPLES OF DIC K27 OUTPUT **REPLY WITH MANDATORY EXPLANATIONS AND ADDITIONAL COMMENTS**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

```
K27A01448ZF950110000658       15         LSA ZF
K27A02448ZF950110000658                R7325 701 20108#                        -
K27A03448ZF950110000658                R7325 703 530512629505#                 -
K27A0444BZF950110000658                R7325 704 THE SUBMITTED REFERENCE NUMBER-
K27Z0544BZF950110000658                RHAS BEEN ABANDONED AS FOR PRODUCTION#
```

Sub-Section 534 - Specific Formats in Connection with Telecommunication Output

KWA

TELECOMMUNICATION DATA TRANSMISSION MESSAGE CONTROL

DIC	PSN		ORIGINATOR CODE	DESTINATION ACTIVITY CODE	DATE OF STATION SERIAL NUMBER	DOCUMENT CONTROL SERIAL NUMBER	SEGMENT CODE	STATION SERIAL NUMBER(S)	TC MESSAGE COUNT
3920	1070		4210	3880	0753	1000	8999	0754	0755
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24	25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76	77 78 79 80
								(1)	(2)
KWA	*		*	*	*	*	D	*	*

NOTES : (1) MULTIPLE FOUR (4) POSITION STATION SERIAL NUMBERS MAY BE REFLECTED. NO BLANK POSITIONS BETWEEN STATION SERIAL NUMBERS.

(2) WHEN NO MESSAGE IS TRANSMITTED, 0000 WILL APPEAR IN THIS FIELD. FOR A MULTIPLE RECORD KWA, THE TELECOMMUNICATION MESSAGE COUNT WILL BE REFLECTED ONLY IN THE FINAL RECORD.

(3) FOUR (4) HOURS SUBSEQUENT TO RECEIPT, DATA RECEIVERS MAY MATCH TRANSMITTED KWA TRANSACTIONS AGAINST THEIR SUSPENSE FILE MESSAGES PREVIOUSLY RECEIVED.

KWF

TELECOMMUNICATION DATA RECEPTION MESSAGE CONTROL (See NOTE 1)

DIC	PSN		ORIGINATOR CODE	DESTINATION ACTIVITY CODE	DATE OF STATION SERIAL NUMBER	DOCUMENT CONTROL SERIAL NUMBER	8999 SEGMENT CODE	STATION SERIAL NUMBER(S)	TC MESSAGE COUNT
3920	1070		4210	3880	0753	1000		0754	0755
1 2 3	4 5 6	7	8 9	10 11	12 13 14 15 16	17 18 19 20 21 22 23	24	25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76	77 78 79 80
KWF	*		*	*	*	*	D	*	*

NOTE: (1) THE KWF MESSAGES WILL REFLECT EXACTLY THE INFORMATION CONTAINED IN THE KWA MESSAGES AS GENERATED BY THE ORIGINATORS OF THE RELATED CODIFICATION DATA TRANSMISSIONS.

STANDARD TC HEADER FORMAT

PRECEDENCE	LMF	SECURITY CLAS	CONTENT INDICATOR CODE		ORIGINATOR CODE 4210	STATION SERIAL NUMBER 0754		JULIAN DAY	TIME FILED		RECORD COUNT	DASH	CLASSIFICATION REDUNDANCY	START OF ROUTING SIGNAL	ADDRESSEE	END OF R. SIGNAL	
1	2 3	4	5 6 7 8	9	10 11 12 13 14 15 16	17 18 19 20	21	22 23 24	25 26 27 28	29	30 31 32 33	34	35 36 37 38	39 40	41 42 43 44 45 46 47	48	49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
*	C C	*	*		*	*		*	(1) *		*	-	*	- -	*	.	

NOTE : (1) THE CHARACTERS "0000" WILL BE DISPLAYED WHEN DATA IS TRANSMITTED VIA COMMERCIAL TELEPHONE LINES.

TRANSMISSION INSTRUCTIONS (FROM US ONLY)

<table>
<tr><td colspan="3">OPERATING SIGNAL</td><td></td><td colspan="5">CLASSIFICATION REDUNDANCY</td><td colspan="71"></td></tr>
<tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td><td>32</td><td>33</td><td>34</td><td>35</td><td>36</td><td>37</td><td>38</td><td>39</td><td>40</td><td>41</td><td>42</td><td>43</td><td>44</td><td>45</td><td>46</td><td>47</td><td>48</td><td>49</td><td>50</td><td>51</td><td>52</td><td>53</td><td>54</td><td>55</td><td>56</td><td>57</td><td>58</td><td>59</td><td>60</td><td>61</td><td>62</td><td>63</td><td>64</td><td>65</td><td>66</td><td>67</td><td>68</td><td>69</td><td>70</td><td>71</td><td>72</td><td>73</td><td>74</td><td>75</td><td>76</td><td>77</td><td>78</td><td>79</td><td>80</td></tr>
<tr><td colspan="3">*</td><td></td><td colspan="5">*</td><td colspan="71"></td></tr>
</table>

STANDARD END - OF - TRANSMISSION -EOT- FORMAT

PRECEDENCE	LMF	SECURITY CLAS	CONTENT INDICATOR CODE		ORIGINATOR CODE	STATION SERIAL NUMBER		JULIAN DAY	TIME FILED		RECORD COUNT	DASH	CLASSIFICATION REDUNDANCY		EOT SIGNAL
					4210	0754									
1	2 3	4	5 6 7 8	9	10 11 12 13 14 15 16	17 18 19 20	21	22 23 24	25 26 27 28	29	30 31 32 33	34	35 36 37 38	39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76	77 78 79 80
*	C C	*	*		*	*		*	(1) *		*	-	*		N N N N

NOTE : (1) THE CHARACTERS "0000" WILL BE DISPLAYED WHEN DATA IS TRANSMITTED VIA COMMERCIAL TELEPHONE LINES.

PILOTS HEADER FORMAT

PRECEDENCE	LMF	SECURITY CLAS	CONTENT INDICATOR CODE		ORIGINATOR CODE 4210	STATION SERIAL NUMBER 0754		JULIAN DAY	TIME FILED		RECORD COUNT	DASH	CLASSIFICATION REDUNDANCY	START OF ROUTING SIGNAL	ADDRESSEE	END OF R. SIGNAL	
1	2 3	4	5 6 7 8	9	10 11 12 13 14 15 16	17 18 19 20	21	22 23 24	25 26 27 28	29	30 31 32 33	34	35 36 37 38	39 40	41 42 43 44 45 46 47	48	49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80
*	C C	*	Z D K W		*	*		*	(1) *		P L T S	-	*	- -	*	.	

NOTE : (1) THE CHARACTERS "0000" WILL BE DISPLAYED WHEN DATA IS TRANSMITTED VIA COMMERCIAL TELEPHONE LINES.

Sub-Section 535 - Not in use

Sub-Section 536 - Contents and Formats of the Master Requirements Directory (MRD)

536.1 Introduction

536.1.1 The Master Requirements Directory consisting of the Paragraph 536.2 is used to maintain a list of all Master Requirements Codes (MRCs) that are valid for Segment V (characteristics) processing. The MRD also contains the coding requirements for each MRC and the reply tables associated with MRCs.

536.1.2 The MRD is available in electronic format from the US NCB web site at the following link: https://www.dla.mil/HQ/InformationOperations/Offers/Services/FIC/CatalogToolsTables.aspx

U.S. MRD files (traditional version)	MRD record formats	Paragraph
MRD0107	MRD Sections 1 and 7	536.2.1
MRD0300	MRD Section 3	536.2.2
MRD0500	MRD Section 5	536.2.3
MRD06P1	MRD Section 6	536.2.4
MRD06P2		

The MRD is in fixed length format.

The formats are described below following a standard layout as follows :

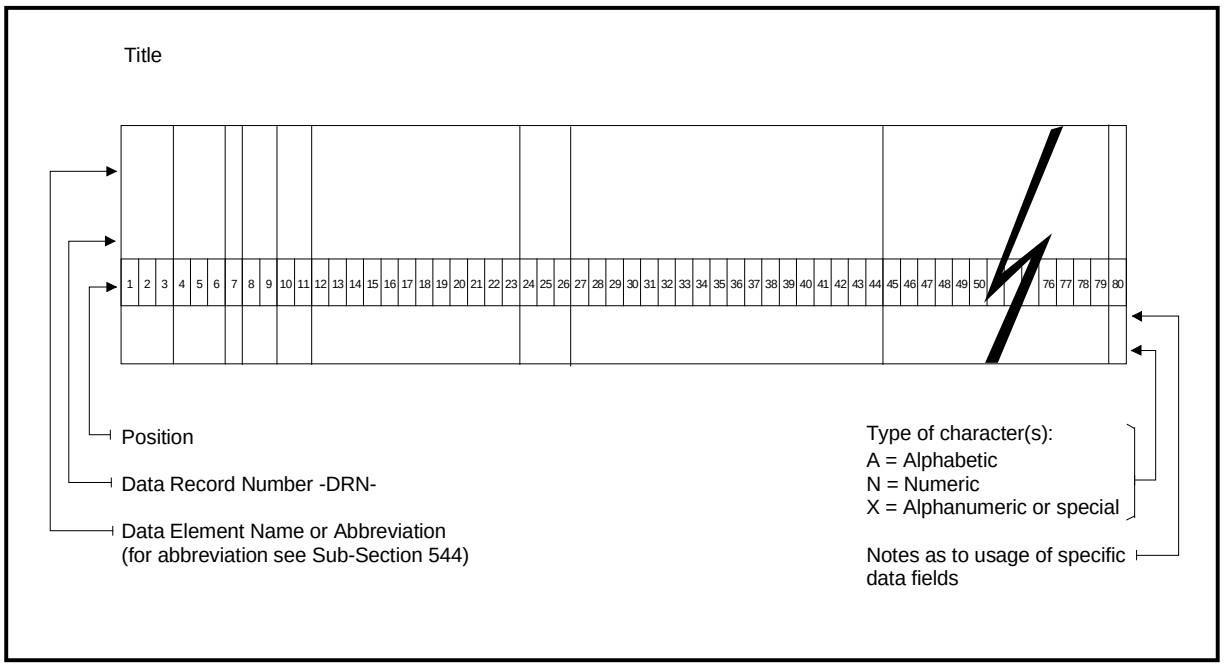


Figure V.3 - MRD Format Standard Layout

536.2 **MRD Record Formats**

536.2.1 MRD Sections 1 and 7 (record length : 791)

These sections were combined and contain the MRCs in alphabetical/numerical order and all data associated with a specific MRC.

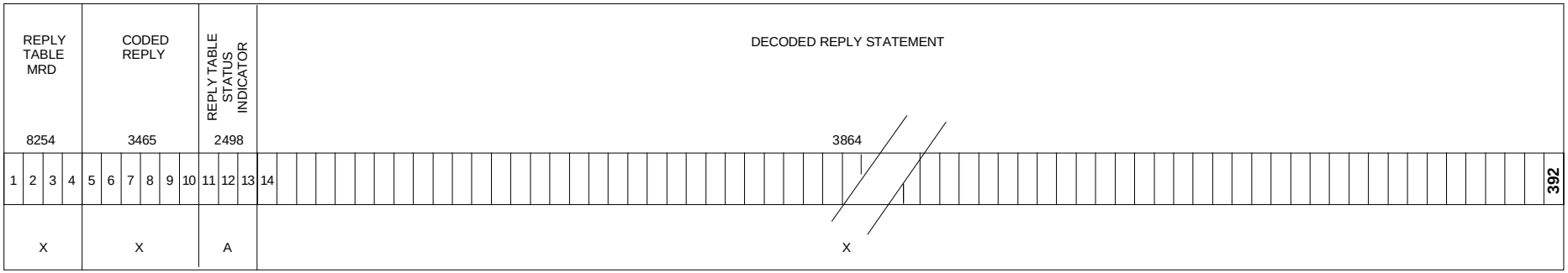
MRC	MODE CODE	MRC UD	MRD STATUS INDIC CODE	PRT SK CD	KEYWORD GROUP CODE	KEYWORD MODIFIER STATEMENT	REQUIREMENT STATEMENT	REQUIREMENT STATEMENT DEFINITION	REQUIREMENT REPLY INSTRUCTION	TBL COUNT	LCR	REPLY TABLE MRD	0365	8254	0365	8254	0365	8254	0365	8254	0365	8254	0365	8254	0365	8254	0365	8254
3445	4735	0847	0816	0368	2034	2033	3614	5027	2648	0848	0365	8254																
1 2 3 4	5	6	7 8 9	10	11 12	13 ... 120	121 ... 230	231 ... 730	731 ... 750	751	752	753 754 755 756	757	758 759 760 761	762	763 764 765 766	767	768 769 770 771	772	773 774 775 776	777	778 779 780 781	782	783 784 785 786	787	788 789 790 791		
X	A	A	X	A	N	X	X	X	X	(1) N	(2) N	(2) X	N	X	N	X	N	X	N	X	N	X	N	X	N	X		

NOTES : (1) THIS FIELD WILL BE GENERATED FROM THE NUMBER OF REPLY TABLE ENTRIES FOUND IN DB2 GROUP 126 FOR MODE CODES "D", "H" AND "J". FOR ALL OTHER MODE CODES THIS VALUE WILL BE "0".

(2) THESE TWO FIELDS CAN OCCUR FROM ONE TO EIGHT TIMES FOR MODE CODES "D", "H" OR "J". ON ALL OTHER MODE CODES, THE LENGTH OF CODE REPLY (DRN 0365) WILL CONTAIN ZERO "0" AND THE REPLY TABLE CODE MRD (DRN 8254) WILL CONTAIN BLANKS.

536.2.2 MRD Section 3 (record length : 392)

This section contains the reply tables, assigned coded replies and respective decoded reply statements listed alphanumerically both by reply table and by coded reply within the tables.



536.2.3 MRD Section 5 (record length : 407)

This section contains the Style Number of IIG, Physical Drawing ID and Decoded Style Reply Statement for each INC, FIIG and MRC utilising "L" mode codes

INC	IIG No	MRC	STYLE NUMBER IIG	PHYSICAL DRAWING IDENTIFIER	DECODED STYLE REPLY STATEMENT
4080	4065	3445	0768	5037	2309
1 2 3 4 5	6 7 8 9 10 11	12 13 14 15	16 17 18 19 20	21 22 23 24 25 26 27 28	29 ... 407
N	X	X	X	X	X

536.2.4 MRD Section 6

This section contains :
- the ISAC reply table for each FIIG, INC and MRC utilising ISAC coding (part 1)
- the decoded ISAC reply statement for each ISAC reply table and ISAC coded reply (Part 2)

Part 1 (record length : 19)

IIG No	ITEM NAME CODE	MRC	REPLY TABLE CODE IIG DECODE GUIDES	
4065	4080	3445	3845	
1 2 3 4 5 6	7 8 9 10 11	12 13 14 15	16 17 18 19	
X	X	X	X	

Part 2 (record length : 387)

REPLY TABLE CODE IIG DECODE GUIDES	9485	SAC	DECODED ISAC REPLY STATEMENT	
3845		8990	2308	
1 2 3 4	5	6 7 8	9	387
X	(1) N	X	X	

NOTE : (1) SECONDARY ADDRESS INDICATOR CODE

Sub-Section 537 - Contents and Formats of the US Tables related to Federal Supply Classification (H2), Item Names Directory (H6) and Federal Item Identification Guides (IIG).

537.1 Introduction

US System Support Records data -SSR- related to Federal Supply Classification (H2), Item Names Directory (H6) and Federal Item Identification Guides (IIG) can be distributed by the US NCB to countries on request in order to develop national SSR used in item codification and, if necessary, to ensure the decoding of national and foreign described items recorded in the TIR of the country.

537.2 Data Tables List

The tables containing H2-H6-FIIG data and related Reference Drawing Groups (RDG) required to maintain the characteristics portion of the Federal Catalog System are available in electronic format from the US NCB web site at
https://www.dla.mil/HQ/InformationOperations/Offers/Services/FIC/CatalogToolsTables.aspx

Each ZIP file contains a Data file and a Record Layout file.

For an explanation about how these System Support Files and their related DB2 tables are used in the NATO Codification System, see ACodP-1, Chapter II, Sub-Section 257.

537.3 Tables content

The various data elements included in the tables are defined in DoD 4100.39-M, Volume 12 – Data Element Directory available online from the US NCB at FLIS Technical Procedures

Sub-Section 538 - The NATO Multilingual Supply Classification Handbook (ACodP-2) and the NATO Multilingual Item Name Directory (ACodP-3)

NOTE: This Sub-Section has been deleted. Please refer to the CodSP-75 tables.

Sub-Section 539 – NSN's Raw-Data files

Segment A, B, C, V and K data are recorded in distinct text files formatted as below :

539.1 Identification data - Segment A

Data Element	DRN	START	END	LENGTH
National Item Identification Number - NIIN	4000	01	09	9
NATO Supply Class - NSC	3990	10	13	4
Item Name Code - INC	4080	14	18	5
Approved Item Name / Non Approved Item Name - AIN / NON AIN	5010/ 5020	19	37	19
Type Item Identification - TII	4820	38	-	1
Reference or Partial Descriptive Method Reason Code - RPDMRC	4765	39	-	1
NATO File Maintenance Sequence Number - FMSN	1516	40	42	3
Date, NIIN Assignment	2180	43	47	5
Demilitarization Code - DEMIL Code	0167	48	-	1

539.2 MOE Rule data - Segment B

Data Element	DRN	START	END	LENGTH
National Item Identification Number - NIIN	4000	01	09	9
NATO Supply Class - NSC	3990	10	13	4
Major Organisational Entity Code - MOE Code	2833	14	15	2

539.3 Reference Number data - Segment C

Data Element	DRN	START	END	LENGTH
Reference Number - RN	3570	01	32	32
NATO Commercial and Governmental Entity Code - NCAGE CODE	4140	33	37	5
National Item Identification Number - NIIN	4000	38	46	9
NATO Supply Class - NSC	3990	47	50	4

Data Element	DRN	START	END	LENGTH
Reference Number Format Code - RNFC	2920	51	-	1
Reference Number Category Code - RNCC	2910	52	-	1
Reference Number Variation Code - RNVC	4780	53	-	1
Reference Number Status Code - RNSC	2923	54	-	1
Reference Number Justification Code - RNJC	2750	55	-	1
Reference Number Action Activity Code - RNAAC	2900	56	57	2
Document Availability Code - DAC	2640	58	-	1

539.4 Coded Characteristics Data - Segment V

Data Element	DRN	START	END	LENGTH
National Item Identification Number - NIIN	4000	01	09	9
NATO Supply Class - NSC	3990	10	13	4
Coded Characteristics Data Group	3317	14	1013	1000

539.5 Item Identification Status / Cancellation data - Segment K

Data Element	DRN	START	END	LENGTH
National Item Identification Number - NIIN	4000	01	09	9
NATO Supply Class - NSC	3990	10	13	4
NIIN Status Code – NIIN SC	2670	14	-	1
Replacement NSN, Cancellation	8875	15	27	13
Replacement NSN, Cancellation	8875	28	40	13
Demilitarization Code - DEMIL Code	0167	41	-	1

Section 540 - Data Elements Contained in International Transactions

Sub-Section 541 - Introduction

541.1 This section contains the data elements used in the international exchange of codification and other data.

541.2 **Composition**

541.2.1 Sub-Section 541 : Introduction

541.2.2 Sub-Section 542 : Alphabetic List of Data Element Names cross - referenced to their identifying Data Record Number -DRN- and abbreviation for the Data Element Names if any.

541.2.3 Sub-Section 543 : Numeric List of Data Record Numbers -DRN-. For each DRN the following information is given :

- Data Record Number : A code consisting of four numeric characters to identify data elements used in the international exchange of codification and other data.
- Data Records Numbers will be assigned by the US National Codification Bureau (DLA Logistics Information Service) upon request from AC/135.
- Data Element Name : The name allocated to the particular data element.
- Data Element Definition : A definition of the data element identified by the DRN and Data Element Name. Where necessary the definition includes a reference to the related table of codes.
- Data Element Format : The format of each data element is indicated by a number indicating the length and a letter. When preceded by an asterisk (*) the length is variable up to the indicated value. The significance of the letter is as follows :

  A = Alphabetic, i.e. the character "A"-"Z", space or blank ;

  N = Numeric, i.e. the character "0"-"9" ;

  X = Alphanumeric, i.e. any character belonging to the Character Sub-set for the Exchange of NATO Codification Data (See Sub-Section 553, Table 21).

- Segment : The segment(s) in which the data elements may appear.

541.2.4 Sub-Section 544 : Alphabetic List of Abbreviations used for Data Element Names in Sections 510 and 530 cross-referenced to the full Data Element Name and its DRN.

Sub-Section 542 - Alphabetic List of Data Element Names

DRN	Data Element Name	Abbreviation
8950	"AND" SYMBOL	
8951	"OR" SYMBOL	
2665	ACCOUNTING REQUIREMENTS CODE, ARMY	
2507	ACQUISITION ADVICE CODE	AAC
8869	ACTION NSN, DIDS I & S RELATION SHIP	
3765	AIR FORCE BUDGET CODE - MANAGEMENT DATA LIST	
9573	ANATOMICAL, THERAPEUTIC, CHEMICAL CLASSIFICATION SYSTEM	ATC
0103	APPLICABILITY KEY CODE, ITEM IDENTIFICATION GUIDE (IIG)	APP KEY
5010	APPROVED ITEM NAME	AIN
3960	ASSIGNED NATO STOCK NUMBER	ASSIGNED NSN
2524	ASSIGNED NATO STOCK NUMBER - END ITEM	
2522	ASSIGNED NATO STOCK NUMBER - RELATED ASSEMBLY	
2523	ASSIGNED NATO STOCK NUMBER - RELATED SKO	
3994	ASSIGNED NATO SUPPLY GROUP	NSG
8863	ASSIGNED PERMANENT SYSTEM CONTROL NUMBER	ASSIGNED PSCN
8855	ASSOCIATION CODE, NCAGE	AC NCAGE
8252	ASSOCIATION PACKAGE SEQUENCE NUMBER	APSN
0801	AUTOMATIC DATA PROCESSING EQUIPMENT IDENTIFICATION CODE	ADP EIC
3790	CANCELLED NATO STOCK NUMBER	CANCELLED NSN
9554	CLASSIFICATION ASSISTANCE MODIFIER, H2	
5161	CLEANING AND DRYING PROCEDURE CODE	CLNG-DRYNG-PRO-CD
4128	CLEAR TEXT CHARACTERISTICS REPLY	
6999	CLEAR TEXT EXPLANATION FOR PROPOSED CANCELLATION OF NATO STOCK NUMBER	
3317	CODED CHARACTERISTICS DATA GROUP	
3465	CODED REPLY	
2608	COGNIZANCE CODE, NAVY	
3311	COMBAT ESSENTIALITY CODE, MARINE CORPS	
9569	COMMON PROCUREMENT VOCABULARY CODE	CPV CODE
4488	CONCEPT NUMBER	
5178	CONTAINER NATIONAL STOCK NUMBER (NSN)	CTNR-NSN
8555	CONTINUATION INDICATOR CODE	CIC
8255	CONTROL CHARACTER CODE	CCC
2863	CONTROLLED INVENTORY ITEM CODE	CIIC
3408	COUNTRY CODE	

DRN	Data Element Name	Abbreviation
5164	CUSHIONING AND DUNNAGE MATERIAL CODE	CUSH-DUN-MAT-CD
8268	DATA ELEMENT TERMINATOR CODE	DETC
0950	DATA RECORD NUMBER	DRN
3405	DATA UNIVERSAL NUMBERING SYSTEM NUMBER	DUNS NUMBER
2262	DATE NCAGE ESTABLISHED	
9567	DATE OF LAST CHANGE, NCAGE RECORD	
0753	DATE OF STATION SERIAL NUMBER	
2128	DATE, EFFECTIVE, LOGISTICS ACTION	
2180	DATE, NIIN ASSIGNMENT	
2300	DATE, STANDARDIZATION DECISION	DATE STDZ DEC
2308	DECODED ISAC REPLY STATEMENT	
3864	DECODED REPLY STATEMENT	
2309	DECODED STYLE REPLY STATEMENT	
4540	DELETION REASON CODE	
0167	DEMILITARIZATION CODE	DEMIL CODE
3880	DESTINATION ACTIVITY CODE	DEST ACT CODE
2640	DOCUMENT AVAILABILITY CODE	DAC
1015	DOCUMENT CONTROL NUMBER	DCN
1000	DOCUMENT CONTROL SERIAL NUMBER	DCSN
3920	DOCUMENT IDENTIFIER CODE	DIC
3921	DOCUMENT IDENTIFIER CODE, INPUT	DIC INPUT
3922	DOCUMENT IDENTIFIER CODE, ORIGINAL INPUT	
9975	DRN VALUE	
3375	EMAIL ADDRESS	
2655	EXPENDABILITY, RECOVERABILITY, REPARABILITY CATEGORY CODE, AIR FORCE	
9380	EXTRA LONG REFERENCE NUMBER INDICATOR CODE	ELRN IND CODE
8975	FAX NUMBER	
8472	FORMER UNIT OF ISSUE	
5000	FULL APPROVED ITEM NAME	FULL AIN
2695	FUND CODE, AIR FORCE	
1084	GEOGRAPHICAL ADDRESS CITY	
2549	GEOGRAPHICAL ADDRESS POSTAL ZONE	
9568	GLOBAL LOCATION NUMBER CODE	GLN CODE
8629	GLOBAL TRADE ITEM NUMBER CODE	GTIN CODE
9571	HARMONIZED SYSTEM	HS
0766	IDENTIFIED SECONDARY ADDRESS CODE	ISAC
9094	INPUT HEADER	IH

DRN	Data Element Name	Abbreviation
5167	INTERMEDIATE CONTAINER CODE	INTMED-CTNR-CD
5152	INTERMEDIATE CONTAINER QUANTITY	INTMED-CTNR-QTY
1368	INTERNATIONAL STANDARD INDUSTRIAL CLASSIFICATION OF ALL ECONOMIC ACTIVITIES CODE	ISIC CODE
0708	INVENTORY ACCOUNT CODE, COAST GUARD	
0132	ISSUE, REPAIR AND/OR REQUISITIONING RESTRICTION CODE, NAVY	IRRC
4065	ITEM IDENTIFICATION GUIDE NUMBER	IIG No
4080	ITEM NAME CODE	INC
5015	ITEM NAME DEFINITION/DELIMITATION	
2650	ITEM STANDARDIZATION CODE	ISC
8525	ITEM STANDARDIZATION CODE, REPLACED NSN	ISC RPLD NSN
5156	ITEM TYPE STORAGE CODE	ITM-TYP-STOR-CD
2034	KEYWORD GROUP CODE	
2033	KEYWORD MODIFIER STATEMENT	
0365	LENGTH OF CODED REPLY	
5170	LEVEL A PACKING REQUIREMENT CODE	LVL-A-PKG-RQMT-CD
5171	LEVEL B PACKING REQUIREMENT CODE	LVL-B-PKG-RQMT-CD
5172	LEVEL C PACKING REQUIREMENT CODE	LVL-C-PKG-RQMT-CD
8263	LINE CONTINUATION CODE	LINE CONT CODE
2833	MAJOR ORGANIZATIONAL ENTITY CODE	MOE CODE
8290	MAJOR ORGANIZATIONAL ENTITY RULE NUMBER	MOE RULE No
8925	MANAGEMENT CONTROL DATA, AIR FORCE	
0418	MANAGEMENT CONTROL DATA, AIR FORCE (UNUSED POSITIONS)	
8930	MANAGEMENT CONTROL DATA, ARMY	
0827	MANAGEMENT CONTROL DATA, ARMY (UNUSED POSITIONS)	
0707	MANAGEMENT CONTROL DATA, COAST GUARD	
0710	MANAGEMENT CONTROL DATA, COAST GUARD (UNUSED POSITIONS)	
8935	MANAGEMENT CONTROL DATA, MARINE CORPS	
8940	MANAGEMENT CONTROL DATA, NAVY	
2790	MANAGEMENT ECHELON CODE, MARINE CORPS	
3445	MASTER REQUIREMENT CODE	MRC
0847	MASTER REQUIREMENT CODE USAGE INDICATOR	
0816	MASTER REQUIREMENT DIRECTORY (MRD) STATUS INDICATOR CODE	
4120	MATCHED NATO STOCK NUMBER	MATCHED NSN
2832	MATERIAL CONTROL CODE, NAVY	

DRN	Data Element Name	Abbreviation
2680	MATERIEL CATEGORY CODE, ARMY	
4126	MATERIEL IDENTIFICATION CODE, MARINE CORPS	
2836	MATERIEL MANAGEMENT AGGREGATION CODE, AIR FORCE	
5160	METHOD OF PRESERVATION CODE	MTHD-PRES-CD
4735	MODE CODE	
0113	MRC DECODED REPLY FIELD	
2658	NATIONAL IDENTIFICATION NUMBER	
4130	NATO CODE FOR NCB	NCB CODE
1057	NATO CODIFICATION PROJECT CODE	NCPC
4140	NATO COMMERCIAL AND GOVERNMENT ENTITY CODE	NCAGE CODE
2694	NATO COMMERCIAL AND GOVERNMENT ENTITY STATUS DESIGNATOR CODE	NCAGESD CODE
0856	NATO CURRENCY CODE	NATO CUR CODE
1516	NATO FILE MAINTENANCE SEQUENCE NUMBER	NFMSN
4000	NATO ITEM IDENTIFICATION NUMBER	NIIN
2670	NATO ITEM IDENTIFICATION NUMBER STATUS CODE	NIIN SC
3990	NATO SUPPLY CLASS	NSC
0376	NATO SUPPLY CLASS EXCLUSION NARRATIVE	
0375	NATO SUPPLY CLASS INCLUSION NARRATIVE	
2607	NATO SUPPLY CLASSIFICATION CONDITION CODE	
4962	NATO SUPPLY CLASSIFICATION NOTE	
4970	NATO SUPPLY CLASSIFICATION TITLE	
3994	NATO SUPPLY GROUP	NSG
4965	NATO SUPPLY GROUP NOTE	
4972	NATO SUPPLY GROUP TITLE	
9566	NCAGE DATA GROUP	NCAGEDG
9565	NCAGE DATA PREFIX CODE	NCAGEDPC
8972	NCAGE NAME	
5020	NON-APPROVED ITEM NAME	NON AIN
6044	NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM CODE	NAICS CODE
0572	OPERATIONAL TEST CODE, MARINE CORPS	
5173	OPTIONAL PROCEDURE INDICATOR CODE	OPTNL-PRO-IND-CD
4210	ORIGINATOR CODE	
9325	ORIGINATOR OF STANDARDIZATION DECISION	ORIG STDZ DEC
4690	OUTPUT DATA REQUEST CODE	ODRC
9098	OUTPUT HEADER	OH
1070	PACKAGE SEQUENCE NUMBER	PSN

DRN	Data Element Name	Abbreviation
5159	PACKAGING CATEGORY CODE	PKG-CTGY-CD
5148	PACKAGING DATA SOURCE CODE	PKG-DATA-SRC-CD
5179	PACKAGING DESIGN ACTIVITY CODE	PKG-DSGN-ACTY-CD
2862	PHRASE CODE	PHRASE
0573	PHYSICAL CATEGORY CODE, MARINE CORPS	
5037	PHYSICAL DRAWING IDENTIFIER	PHYS DWG ID
1361	POST OFFICE BOX	
2659	POSTAL ADDRESS CITY	
2660	POSTAL ADDRESS POSTAL CODE	
0802	PRECIOUS METALS INDICATOR CODE	PMIC
5162	PRESERVATION MATERIAL CODE	PRES-CD
5099	PRIMARY/SECONDARY INVENTORY CONTROL ACTIVITY CODE	PICA-SICA-IND-CD
0234	PRINT CONTROL CODE	PRINT CONT CODE
0368	PRINT SKELETON CODE	
2867	PRIORITY INDICATOR CODE	PIC
8575	QUANTITATIVE EXPRESSION	
0106	QUANTITY PER ASSEMBLY	
6106	QUANTITY PER UNIT PACK CODE	QUPC
6998	REASON CODE FOR PROPOSED CANCELLATION OF NATO STOCK NUMBER	
7325	REASON FOR RETURN/NOTIFICATION CODE	
0870	RECORDED SUSPENSE FILE ENTRY DATE	RSFED
2892	RECOVERABILITY CODE, ARMY	
2891	RECOVERABILITY CODE, MARINE CORPS	
0846	REFERENCE	REF
3570	REFERENCE NUMBER	RN
2900	REFERENCE NUMBER ACTION ACTIVITY CODE	RNAAC
2910	REFERENCE NUMBER CATEGORY CODE	RNCC
2920	REFERENCE NUMBER FORMAT CODE	RNFC
2750	REFERENCE NUMBER JUSTIFICATION CODE	RNJC
2923	REFERENCE NUMBER STATUS CODE	RNSC
4780	REFERENCE NUMBER VARIATION CODE	RNVC
4765	REFERENCE OR PARTIAL DESCRIPTIVE METHOD REASON CODE	RPDMRC
2926	RELATED ITEM NAME CODE COUNTER	
2895	RELATED NATO STOCK NUMBER	RELATED NSN
2933	REPARABILITY CODE, ARMY	REP CODE ARMY
0709	REPARABILITY CODE, COAST GUARD	

DRN	Data Element Name	Abbreviation
2934	REPARABLE CHARACTERISTICS INDICATOR CODE, DLA	REP DLA
8977	REPLACED NSN, STANDARDIZATION RELATIONSHIP	
3595	REPLACEMENT NCAGE	
8875	REPLACEMENT NSN, CANCELLATION	REPL NSN
9525	REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP	
3845	REPLY TABLE CODE, IIG DECODE GUIDES	
8254	REPLY TABLE CODE, MASTER REQUIREMENT DIRECTORY	REPLY TABLE CODE MRD
2498	REPLY TABLE STATUS INDICATOR	
9572	REPORTABLE ITEM CODE	RIC
2179	REQUEST FOR CODIFICATION AND REGISTRATION OF USER CODE	
2648	REQUIREMENT REPLY INSTRUCTION	
3614	REQUIREMENT STATEMENT	RQMT STAT
5027	REQUIREMENT STATEMENT DEFINITION	RQMT STAT DEFINITION
9480	RETURN CODE	RET CODE
0435	SCHEDULE B	
8990	SECONDARY ADDRESS CODE	SAC
9485	SECONDARY ADDRESS INDICATOR CODE	
9121	SEGMENT 1 - NOTIFICATION OF CHANGED DATA	
9125	SEGMENT 2 - SCREENING BY REFERENCE	
0249	SEGMENT 8 - NATO COMMERCIAL AND GOVERNMENT ENTITY DATA	
9100	SEGMENT A - IDENTIFICATION DATA	
9101	SEGMENT B - MOE RULE DATA	
9102	SEGMENT C - REFERENCE DATA	
8999	SEGMENT CODE	
0752	SEGMENT D - DATA MESSAGE CONTROL SEGMENT	
9104	SEGMENT E - STANDARDIZATION RELATIONSHIP DATA	
9108	SEGMENT H - MATERIEL MANAGEMENT DATA	
9122	SEGMENT J - SCREENING RESPONSE SUB-HEADER	
9109	SEGMENT K - ITEM IDENTIFICATION STATUS / CANCELLATION DATA	
9110	SEGMENT L - OUTPUT FILE DATA SUB-HEADER	
0189	SEGMENT LENGTH	
9111	SEGMENT M - DECODED CHARACTERISTICS DATA	
9113	SEGMENT P - DATA ELEMENT ORIENTED WITH RETURN CODE AND WITHOUT VALUE	

DRN	Data Element Name	Abbreviation
9114	SEGMENT Q - DATA ELEMENT ORIENTED WITH VALUE AND RETURN CODE	
9115	SEGMENT R - DATA ELEMENT ORIENTED WITH VALUE	
9117	SEGMENT T - CANCELLATION/DELETE MOE RULE DATA	
9118	SEGMENT V - CODED CHARACTERISTICS DATA	
0339	SEGMENT V TERMINATOR CODE	SVTC
9127	SEGMENT W – PACKAGING DATA	
9119	SEGMENT Z - FUTURE DATA	
2199	SEQUENCE NUMBER, HIGHEST DCN	
2198	SEQUENCE NUMBER, LOWEST DCN	
0763	SERIAL NUMBER CONTROL CODE, COAST GUARD	
2943	SHELF LIFE CODE	
3690	SOURCE OF SUPPLY CODE	SOSC
2948	SOURCE OF SUPPLY MODIFIER CODE	SOSMC
5169	SPECIAL MARKING CODE	SP-MKG-CD
0121	SPECIAL MATERIAL CONTENT CODE, NAVY	
2834	SPECIAL MATERIAL IDENTIFICATION CODE, NAVY	
5177	SPECIAL PACKAGING INSTRUCTION (SPI) DATE	SPI-DT
5175	SPECIAL PACKAGING INSTRUCTION (SPI) NUMBER	SPI-NBR
5176	SPECIAL PACKAGING INSTRUCTION (SPI) REVISION	SPI-REV
0754	STATION SERIAL NUMBER	
9765	STATION SERIAL NUMBER - XML	
2657	STATISTICAL CLASSIFICATION OF ECONOMIC ACTIVITIES IN THE EUROPEAN COMMUNITY CODE	NACE CODE
3708	STATISTICAL INDICATOR CODE	SIC
0320	STATUS CODE NAME/NATO SUPPLY CLASS	
2959	STORES ACCOUNT CODE, MARINE CORPS	
1082	STREET ADDRESS LINE 1	
1083	STREET ADDRESS LINE 2	
0767	STYLE NUMBER IDENTIFIER CODE, IIG	STYLE NO IC IIG
0768	STYLE NUMBER, ITEM IDENTIFICATION GUIDE	STYLE NO IIG
9075	SUBMITTED NATO SUPPLY CLASS	SUB NSC
8328	SUBMITTED PACKAGE SEQUENCE NUMBER	SPSN
3720	SUBMITTER CODE	
5174	SUPPLEMENTAL INSTRUCTIONS	SUPMTL-INST
9917	SYSTEM ERROR CODE	
0848	TABLE COUNT	
2893	TECHNICAL DOCUMENT NUMBER	
0755	TELECOMMUNICATION MESSAGE COUNT	

DRN	Data Element Name	Abbreviation
8974	TELEPHONE NUMBER	
5165	THICKNESS OF CUSHIONING OR DUNNAGE CODE	THK-CUSH-DUN-CD
2310	TRANSACTION DATE	
0854	TRANSACTION STATUS CODE	TSC
4820	TYPE OF ITEM IDENTIFICATION CODE	TYPE II CODE
4238	TYPE OF ORGANIZATIONAL ENTITY CODE	TYPE O.E. CODE
0238	TYPE OF VALUE CODE	TYPE VAL CODE
5166	UNIT CONTAINER CODE	UNIT-CTNR-CD
5168	UNIT CONTAINER LEVEL CODE	UNIT-CTNR-LVL-CD
3050	UNIT OF ISSUE CODE	UIC
3053	UNIT OF ISSUE CONVERSION FACTOR	
0107	UNIT OF MEASURE OF RELATED NSN	
5155	UNIT PACK CUBE	UP-CU
5154	UNIT PACK SIZE	UP-SZ
5153	UNIT PACK WEIGHT	UP-WT
7075	UNIT PRICE	UP
9574	UNITED NATIONS STANDARD PRODUCTS AND SERVICES CODE	UNSPSC
5158	UNPACKAGED ITEM DIMENSIONS	UNPKG-ITM-DIM
5157	UNPACKAGED ITEM WEIGHT	UNPKG-ITM-WT
4235	US FOREIGN/DOMESTIC DESIGNATOR CODE	US F/DDC
0745	USING SERVICE CODE	USI SERV CODE
8021	WEB URL	
5163	WRAPPING MATERIAL CODE	WRAP-MAT-CD

Sub-Section 543 - Numeric List of Data Record Numbers with Definitions of Data Elements

DRN	Data Element Name and Definition	Format	Segment
0103	**APPLICABILITY KEY CODE, ITEM IDENTIFICATION GUIDE** A code that indicates whether a requirement in an Item Identification Guide (IIG) need be satisfied for the item being identified.	3A	
0106	**QUANTITY PER ASSEMBLY** A three position numeric code indicating the number of items identified by a related NATO Stock Number, required in an assembly.	3N	H
0107	**UNIT OF MEASURE OF RELATED NSN** A two position alpha code indicating a recognizable physical measurement (length, volume, weight) or a count of item such as foot, gallon, pound, each, dozen, gross, for the related NATO Stock Number (see Sub-Section 553, Table 36).	2A	H
0113	**MRC DECODED REPLY FIELD** This data element consists of the entire Master Requirement Code reply field in decoded format. If reply code(s) are included in the characteristics data group, the Decoded Reply Statement (DRN 3864) is included in this reply field.	*500X	M
0121	**SPECIAL MATERIAL CONTENT CODE, NAVY** A code that indicates that an item represents or contains peculiar material requiring special treatment precautions or management control of the item. This DRN is a component of DRN 8940 (Management Control Data, Navy). (see DoD 4100.39-M, Vol. 10, Table 102, available online at FLIS Technical Procedures)	1X	H
0132	**ISSUE, REPAIR AND/OR REQUISITIONING RESTRICTION CODE, NAVY -IRRC-** A code that indicates restrictions on issuing or instructions for requisitioning, item repair/overhaul, turn-in, exchange or disposal. This DRN is a component of DRN 8940 (Management Control Data, Navy). (see DoD 4100.39-M, Vol. 10, Tables 95 + 157, available online at FLIS Technical Procedures)	2X	H
0167	**DEMILITARIZATION CODE -DEMIL CODE-** A code to identify each item requiring demilitarization and the type of demilitarization required (see Sub-Section 553, Table 41).	1A	A, K, R
0189	**SEGMENT LENGTH** This field contains the number of characters in the segment.	4N	

DRN	Data Element Name and Definition	Format	Segment
0234	**PRINT CONTROL CODE -PRINT CONT CODE-** A numeric code provided in Segment M for use by recipients in formatting decoded characteristics data output. The code "1" will indicate that data is to begin printing at the left margin of the area reserved for the Requirement Statement. The code "2" will indicate that data is to commence printing at the left margin of the area reserved for the reply data. The code "3" will indicate that data is to begin printing at the next position following the last printed character on the preceding record.	1N	M
0238	**TYPE OF VALUE CODE -TYPE VAL CODE-** A code to identify the segment to which this code applies. The value will be "S" for submitted value and "R" for replaced value.	1A	1
0249	**SEGMENT 8 - NATO COMMERCIAL AND GOVERNMENT ENTITY DATA** A group of data elements required for output to update national SSR NATO Commercial and Government Entity Codes file after having received a basic file.		
0320	**STATUS CODE NAME/NATO SUPPLY CLASS** An internally generated code which denotes the current status of a data element contained in either the name or NATO Supply Class master or validation files. The following codes are assigned as applicable: Code A – Active Record, Code C – Cancelled record, Code E – Effective dated record, Code P – Controls publishing of data on cancelled record LHB, or Code R – Reinstatement of Ammo Code record.	1A	
0339	**SEGMENT V TERMINATOR CODE -SVTC-** A code used to indicate the termination of the last Coded Characteristics Data Group of a Segment V transaction. DRN 8268 Data Element Terminator Code must not precede this code. (See Sub-Section 553, Table 04).	2X	V
0365	**LENGTH OF CODED REPLY** A code identifying the size of the Coded Reply.	1N	MRD
0368	**PRINT SKELETON CODE** A code which identifies the various types of F and J mode codes assigned to master requirement codes (MRCs). Code A is for 1A variable reply. B is for a 1F variable with BY condition and T is for a 1F variable with TO condition. Code X identifies MRCs with dummy tables. Dummy tables are tables that are assigned to MRCs but due to their immense size are not maintained in the master requirement directory (MRD).	1A	MRD
0375	**NATO SUPPLY CLASS INCLUSION NARRATIVE** An inclusion narrative will be used when it is desirable to limit the concept of a class by indicating that certain closely related items which might otherwise be construed as being excluded are included under the concept.	*999X	

DRN	Data Element Name and Definition	Format	Segment
0376	**NATO SUPPLY CLASS EXCLUSION NARRATIVE** An exclusion narrative will be used when it is desirable to limit the concept of a class by indicating that certain closely related items are excluded from the concept which might otherwise be construed as being included in the concept.	*999X	
0418	**MANAGEMENT CONTROL DATA, AIR FORCE (UNUSED POSITIONS)** A data element containing two blanks required to fill the unused positions of a Management Control Data Chain, Air Force. This DRN is a component of DRN 8925 (Management Control Data, Air Force).	2X	H
0435	**SCHEDULE B** Statistical Classification of Domestic and Foreign Commodities Exported from the United States. The U.S. Census Bureau administers the Schedule B system. Web link: www.census.gov/foreign-trade/schedules/b/ Schedule B numbers, not HS numbers, must be provided on the Shippers' Export Declaration (SED). The Census Bureau uses SEDs and Schedule B numbers to calculate U.S. export statistics.	10N	
0572	**OPERATIONAL TEST CODE, MARINE CORPS** A code that indicates the type of item which requires inspection and operational testing and the depth of performing inspection and testing. This DRN is a component of DRN 8935 (Management Control Data, Marine Corps). (see DoD 4100.39-M, Vol. 10, Table 123, available online at FLIS Technical Procedures)	1N	H
0573	**PHYSICAL CATEGORY CODE, MARINE CORPS** A code that indicates physical category for picking, packing and marking items for shipment. This DRN is a component of DRN 8935. (see DoD 4100.39-M, Vol. 10, Table 124, available online at FLIS Technical Procedures)	1N	H
0707	**MANAGEMENT CONTROL DATA, COAST-GUARD** A data chain of management codes used by the US Coast-Guard to designate controls which are essential to the successful operation of coast-guard peculiar systems. The data chain consists of DRNs 0708 (Inventory Account Code, Coast-Guard), 0710 (Management Control Data, Coast-Guard) and 0763 (Serial Number Control Code, Coast-Guard).	7X	H
0708	**INVENTORY ACCOUNT CODE, COAST-GUARD** A code used to designate the inventory account in which an item is held in the Coast-Guard Supply System. This DRN is a component of DRN 0707 (Management Control Data, Coast-Guard). (see DoD 4100.39-M, Vol. 10, Table 127, available online at FLIS Technical Procedures)	1A	H

DRN	Data Element Name and Definition	Format	Segment
0709	**REPARABILITY CODE, COAST-GUARD** A code used within the Coast-Guard to denote if an item is reparable and the lowest maintenance level at which repair or condemnation is normally accomplished. (see DoD 4100.39-M, Vol. 10, Table 128, available online at FLIS Technical Procedures)	1A	H
0710	**MANAGEMENT CONTROL DATA, COAST-GUARD (UNUSED POSITIONS)** A data element containing five blanks required to fill the unused positions of a Management Control Data Chain, Coast-Guard. This DRN is a component of DRN 0707 (Management Control Data, Coast-Guard).	5X	H
0745	**USING SERVICE CODE -USI SERV CODE-** A code used to differentiate between service, integrated materiel manager, lead service and civil agency catalog management data (see Sub-Section 553, Table 28).	1A	H
0752	**SEGMENT D - DATA MESSAGE CONTROL SEGMENT** This unique NADEX segment contains the data elements necessary to generate an output message used to furnish telecommunication receivers the Telecommunication Station Serial Numbers and total number of TC messages generated for a specified date.		
0753	**DATE OF STATION SERIAL NUMBER** The Julian day of data generation.	5N	TELECOM
0754	**STATION SERIAL NUMBER** Appears as the identifying serial number in the header of the telecommunication message.	4N	TELECOM
0755	**TELECOMMUNICATION MESSAGE COUNT** A count of the total number of station serial numbers generated for the Julian day reflected in DRN 0753, Date of Station Serial Number.	4N	TELECOM
0763	**SERIAL NUMBER CONTROL CODE, COAST-GUARD** A single numeric code used to identify whether or not an item is subject to serial number control. This DRN is a component of DRN 07O7 (Management Control Data, Coast-Guard). (see DoD 4100.39-M, Vol. 10, Table 150, available online at FLIS Technical Procedures)	1N	H
0766	**IDENTIFIED SECONDARY ADDRESS CODE -ISAC-** A code formed from DRNs 8990 (Secondary Address Code) and 9485 (Secondary Address Indicator Code). It is used as a fixed reply code to identify fixed replies for specific locations, sequences, etc. and relate them to the applicable characteristic for a designated Master Requirement Code -MRC- (DRN 3445).	*10X	MRD

DRN	Data Element Name and Definition	Format	Segment
0767	**STYLE NUMBER IDENTIFIER CODE, IIG -STYL NO IC IIG-** A code formed from DRNs 4065 (Item Identification Guide Number) and 0768 (Style Number, IIG). It is associated with L Mode Codes and used as a fixed reply code to identify Item Identification Guide -IIG- styles, found in IIG reference drawing groups, for the purpose of decoding the styles.	*11X	MRD
0768	**STYLE NUMBER, IIG -STYL NO IIG-** A code used in Item Identification Guide reference drawing groups to differentiate and identify unique styles.	*5X	MRD
0801	**AUTOMATIC DATA PROCESSING EQUIPMENT IDENTIFICATION CODE -ADP EIC-** A one position identifier code to indicate an item of automatic data processing equipment or containing automatic data processing equipment regardless of assigned NSC to provide visibility for compliance with unique manager requirements established for ADPE by public law 89-306 (see DoD 4100.39-M, Vol. 10, Tables 159 + 161, available online at FLIS Technical Procedures).	1N	H
0802	**PRECIOUS METALS INDICATOR CODE -PMIC-** This code is to identify items that have precious metals as parts of their content. Precious metals are those metals generally considered to be uncommon and highly valuable which are relatively superior in certain properties such as resistance to corrosion and electrical conductivity. The precious metals recovery program for the Federal Government encompasses gold, silver, platinum and the platinum family which consists of palladium, iridium, rhodium, osmium and ruthenium (see DoD 4100.39-M, Vol. 10, Table 160, available online at FLIS Technical Procedures).	1X	H
0816	**MASTER REQUIREMENT DIRECTORY (MRD) STATUS INDICATOR CODE** A code used in the MRD to indicate the status of the requirement statement. Code /D/ following the keyword modifier statement and the requirement statement indicates a requirement is not authorized for use in future FIIG development.	1X	MRD
0827	**MANAGEMENT CONTROL DATA, ARMY (UNUSED POSITIONS)** A data element containing one blank required to fill the unused positions of a Management Control Data Chain, Army. This DRN is a component of DRN 8930 (Management Control Data, Army).	1X	H
0846	**REFERENCE -REF-** A Reference is a data element consisting of a NATO Commercial and Government Entity Code assigned to a manufacturer or organization (DRN 4140) and the number, symbol, and the like (DRN 3570), assigned by this manufacturer or organization to the item concerned.	*37X	2, C

DRN	Data Element Name and Definition	Format	Segment
0847	**MASTER REQUIREMENT CODE USAGE DESIGNATOR** An indicator (*) that identifies if the Master Requirement Code (MRC) is in a U.S. Federal Item Identification guide (FIIG). A blank space will indicate that the MRC is inactive of recorded for NATO use.	1A	MRD
0848	**TABLE COUNT** A number (0 through 8) that indicates the quantity of tables relating to the Master Requirement Code -MRC- (DRN 3445).	1N	MRD
0854	**TRANSACTION STATUS CODE -TSC-** A code used in the resultant output of follow-up interrogations to identify the current status of a previously submitted transaction for which output had not been received by the submitter (see Sub-Section 553, Table 26).	2A	P, Q, R
0856	**NATO CURRENCY CODE -NATO CUR CODE-** A code indicating the currency in which a unit price is expressed (see Sub-Section 553, Table 40).	3X	H
0870	**RECORDED SUSPENSE FILE ENTRY DATE -RSFED-** The date on which an LSA or other transaction enters the suspense system of a destination country.	5N	
0950	**DATA RECORD NUMBER -DRN-** A four numeric character code to identify and control a functionally oriented data element used in the NATO Codification System. These data elements are input to a NCB by a country, NSPA or national activity and/or output from a NCB to other NCBs, NSPA or internal activities.	4N	1, P, Q, R, Z
1000	**DOCUMENT CONTROL SERIAL NUMBER -DCSN-** A seven alphanumeric character number assigned to each input and output transaction for control purposes. Used internally for the NCB and externally for field activities. The first position shall not be an "A", "B", "C", or "D" unless it relates to a project where a NATO Codification Project Code (DRN 1057) has been allocated.	7X	ALL
1015	**DOCUMENT CONTROL NUMBER -DCN-** A data chain generated for input and perpetuated in output packages. The components of this chain are DRN 4210 (Originator Code), 3720 (Submitter Code), 2310 (Transaction Date) and 1000 (Document Control Serial Number). This combination will create a unique identifying number for immediate identification of each transaction package.	16X	ALL

DRN	Data Element Name and Definition	Format	Segment
1057	**NATO CODIFICATION PROJECT CODE -NCPC-** A 3 position code, the first 2 positions of which are assigned by the AC/135 Secretariat for NATO agreed projects, to identify transactions relating to the project. Normally the first two characters identify the project itself, whilst the third character identifies a specific part of the project or the Major Equipment Supplier. The value of the first character shall be in the range "A" to "D" inclusive whilst the second and third characters may be any alphanumeric character with the exception of letters "I" and "O". See paragraph 438.3 for the procedure to be followed to obtain or to cancel a NATO Codification Project Code.	1A + 2X	ALL
1070	**PACKAGE SEQUENCE NUMBER -PSN-** A control number used to sequence and indicate the number of record images in an input or output package. The first record in a package will use the PSN A01, the second A02, the third A03, and continue to A99. If more than 99 records are included in the package, the PSN will continue with B00 through B99, COO etc. through Y99. All records in excess of 2499 will have the PSN Z99. The last record in a package will have a Z as the first character of the PSN to indicate it is the last record and the last 2 characters will be the next number in the sequence. For example if the next to last record is B12, the last record will be Z13. A one record package will always use the PSN Z01.	3X	ALL
1082	**STREET ADDRESS LINE 1** The first line of clear text street address.	38X	8-XML
1083	**STREET ADDRESS LINE 2** The second line of clear text street address.	38X	8-XML
1084	**GEOGRAPHICAL ADDRESS CITY** City portion of a geographical address.	38X	8-XML
1361	**POST OFFICE BOX** The post office box of NATO Commercial and Government Entity.	38X	8-XML
1368	**INTERNATIONAL STANDARD INDUSTRIAL CLASSIFICATION OF ALL ECONOMIC ACTIVITIES CODE -ISIC CODE-** The International Standard Industrial Classification of All Economic Activities is a United Nations industry classification system. ISIC classifies data according to kind of economic activity in the fields of production, employment, gross domestic product and other statistical areas.	50X	8-XML
1516	**NATO FILE MAINTENANCE SEQUENCE NUMBER -NFMSN-** A computer generated count assigned to each occurrence of a file maintenance action transmitted to a NATO or Tier 2 sponsored country or NSPA or received from a NATO or Tier 2 sponsored country as part of file maintenance packages on NATO Stock Number assigned by a NATO or Tier 2 sponsored country (see Sub-Section 553, Table 22).	3N	ALL except IH, 2, J, T, Z

DRN	Data Element Name and Definition	Format	Segment
2033	**KEYWORD MODIFIER STATEMENT** Consists of the requirement statement for an assigned master requirement code (MRC) arranged in an inverted sequence by the keyword of the statement followed by modifier(s). It is contained in the master requirement directory (MRD) and will be used to establish an index from the requirement statement to the MRC.	108X	MRD
2034	**KEYWORD GROUP CODE** The number which identifies the group the keyword requirement statement uses.	2N	MRD
2128	**DATE, EFFECTIVE, LOGISTICS ACTION** The year and Julian day denoting the date that a predetermined logistics action becomes effective in the National Logistics System. This date will always be the first day of the month.	5N	E, H, K, T, Z, 8
2179	**REQUEST FOR CODIFICATION AND REGISTRATION OF USER CODE** A three position numeric code indicating a specific question and the pertaining reply needed as complementary information to be sent together with one or a group of logically related Requests for Codification and Registration of User (LSA) under DIC L07 input transaction (see Sub-Section 553, Table 131).	3N	R
2180	**DATE, NIIN ASSIGNMENT** The year and Julian day when a NIIN was assigned by the NCB.	5N	A
2198	**SEQUENCE NUMBER, LOWEST DCN** The last four characters of the Document Control Serial Number (DRN 1000) of the lowest DCN (DRN 1015) in a group of related LSAs covered by a single L07 transaction.	4X	R
2199	**SEQUENCE NUMBER, HIGHEST DCN** The last four characters of the Document Control Serial Number (DRN 1000) of the highest DCN (DRN 1015) in a group of related LSAs covered by a single L07 transaction.	4X	R
2262	**DATE NCAGE ESTABLISHED** The year and Julian day that the NCAGE record was established. (CCYYDDD)	7N	8-XML
2300	**DATE, STANDARDIZATION DECISION -DATE STDZ DEC-** The last recorded year and Julian day when standardization was applied to an item under the National Standardization Program, e.g. 71019. Required for system controls.	5N	E
2308	**DECODED ISAC REPLY STATEMENT** A data field in the MRD/decode which reflects the decoded reply statement for a particular Identified Secondary Address Code (ISAC) reply code. Used to display reply codes for ISAC in clear text form in Segment M, a commercial item description and an identification list description.	379X	MRD

DRN	Data Element Name and Definition	Format	Segment
2309	**DECODED STYLE REPLY STATEMENT** A data field in the MRD/decode which reflects the decoded reply statement for a particular style reply code. Used to display reply codes for styles in clear text form in Segment M, a commercial item description and an identification list description.	379X	MRD
2310	**TRANSACTION DATE** The year and Julian day a NATO or sponsored country or NSPA generated a transaction for submission.	5N	ALL
2498	**REPLY TABLE STATUS INDICATOR** A code used in the MRD to indicate the status of the reply statement. Code /D/ following the reply statement contained in a reply table indicates a reply is not authorized for use in future FIIG development.	1A	MRD
2507	**ACQUISITION ADVICE CODE -AAC-** A code denoting how, as distinguished from where, and under what restrictions an item will be acquired (see Sub-Section 553, Table 33 and DoD 4100.39-M, Vol. 10, Table 97, available online at FLIS Technical Procedures)	1A	H
2522	**ASSIGNED NATO STOCK NUMBER-RELATED ASSEMBLY** A NSN assigned to an Assembly related to the Item of Supply (see DoD 4100.39-M, Vol. 12, available online at FLIS Technical Procedures).	13N	U
2523	**ASSIGNED NATO STOCK NUMBER - RELATED SKO** A NSN assigned to a Set, Kit or Outfit (SKO) related to the Item of Supply (see DoD 4100.39-M, Vol. 12, available online at FLIS Technical Procedures).	13N	U
2524	**ASSIGNED NATO STOCK NUMBER - END ITEM** A NSN assigned to a Weapon System/End Item related to the Item of Supply (see DoD 4100.39-M, Vol. 12, available online at FLIS Technical Procedures).	13N	U
2549	**GEOGRAPHICAL ADDRESS POSTAL ZONE** A post office code which is used for addressing mail to a specific region, state, city or portion thereof within geographical address (ZIP code for USA/CAN).	38X	8-XML
2607	**NATO SUPPLY CLASSIFICATION CONDITION CODE** The following codes are utilized in the H2 series catalog handbooks to denote the restrictions for classifying Approved Item Names (AIN). For Code 1, the AIN may be classified in only one specific NSC. For code 2, the AIN may be classified in two or more specific NATO Supply Classifications. For Code 3, the AIN may be classified in one or more logical NSCs by virtue of multi-applications or special design (no longer used for new assignments).	1N	

DRN	Data Element Name and Definition	Format	Segment
2608	**COGNIZANCE CODE, NAVY** A code employed by the US Navy to classify items by technical program, type of fund and to indicate the cognizant Inventory Control Point -ICP- and technically responsible command. This DRN is a component of DRN 8940 (Management Control Data, Navy). (see DoD 4100.39-M, Vol. 10, Tables 62 + 129, available online at FLIS Technical Procedures)	2X	H
2640	**DOCUMENT AVAILABILITY CODE -DAC-** A code designating the current status of technical documentation availability (see Sub-Section 553, Table 05).	1X	C
2648	**REQUIREMENT REPLY INSTRUCTION** A variable length statement which provides the required sequence and construction of the reply field relative to a specific Master Requirement Code (MRC - DRN 3445).	*20X	MRD
2650	**ITEM STANDARDIZATION CODE -ISC-** The coded representation of the item standardization decision on individual items. Decisions are based on the rules and procedures established in the National Standardization Manual. (See Sub-Section 553, Table 20).	1X	E
2655	**EXPENDABILITY, RECOVERABILITY, REPARABILITY CATEGORY CODE, AIR FORCE** A code denoting the expendability, reparability, recoverability category employed in management of an item of supply within the US and some other Air Forces. (see DoD 4100.39-M, Vol. 10, Table 69, available online at FLIS Technical Procedures)	1A	H
2657	**STATISTICAL CLASSIFICATION OF ECONOMIC ACTIVITIES IN THE EUROPEAN COMMUNITY CODE -NACE CODE-** The Statistical Classification of Economic Activities in the European Community, commonly referred to as NACE is the industry standard classification system used in the European Union. NACE is similar in function to the ISIC and NAICS systems.	50X	8-XML
2658	**NATIONAL IDENTIFICATION NUMBER** Nationally assigned unique identifier given to NCAGE.	50X	8-XML
2659	**POSTAL ADDRESS CITY** City portion of a postal address.	38X	8-XML
2660	**POSTAL ADDRESS POSTAL CODE** A post office code which is used for addressing mail to a specific region, state, city or portion thereof within postal address (ZIP code for USA/CAN)	38X	8-XML

DRN	Data Element Name and Definition	Format	Segment
2665	**ACCOUNTING REQUIREMENTS CODE, ARMY** A Code employed by the US and other Armies to indicate the accountability of an item of supply. This DRN is a component of DRN 8930 (Management Control Data, Army). (see DoD 4100.39-M, Vol. 10, Table 64, available online at FLIS Technical Procedures)	1A	H
2670	**NATO ITEM IDENTIFICATION NUMBER STATUS CODE -NIIN SC-** A code which denotes the current status of a NIIN (see Sub-Section 553, Table 01).	1X	E, K
2680	**MATERIEL CATEGORY CODE, ARMY** A code denoting the material classification under which material missions are assigned within the US Army, an indication of the Continental United States Inventory Control Point (Conus ICP) responsible for such mission, the appropriation account title and sub-title and type of fund. This DRN is a component of DRN 8930 (Management Control Data, Army). (see DoD 4100.39-M, Vol. 10, Table 65, available online at FLIS Technical Procedures)	5X	H
2694	**NATO COMMERCIAL AND GOVERNMENT ENTITY STATUS DESIGNATOR CODE -NCAGESD CODE-** A code which specifies the status of an entity in relation to its current activity (see Sub-Section 553, Table 24).	1A	8-XML
2695	**FUND CODE, AIR FORCE** A code employed by the US Air Force to classify items into categories by type of funds employed. This DRN is a component of DRN 8925 (Management Control Data, Air Force). (see DoD 4100.39-M, Vol. 10, Table 68, available online at FLIS Technical Procedures)	2A	H
2750	**REFERENCE NUMBER JUSTIFICATION CODE -RNJC-** A code used to record the degree of research conducted and the justification for adding a Reference Number reinstatement of an item identification, or assignment of a new item identification number despite a recognized condition of possible duplication with an existing item (see Sub-Section 553, Table 06).	1N	C
2790	**MANAGEMENT ECHELON CODE, MARINE CORPS** A code employed by the US Marine Corps in classifying items into categories by material category and procurement echelon. This DRN is a component of DRN 8935 (Management Control Data, Marine Corps). (see DoD 4100.39-M, Vol. 10, Table 54, available online at FLIS Technical Procedures)	2X	H
2832	**MATERIAL CONTROL CODE, NAVY** A code denoting the expendability, reparability, recoverability and cost category employed in the management of an item of supply within the US Navy. (see DoD 4100.39-M, Vol. 10, Table 63, available online at FLIS Technical Procedures)	1A	H

DRN	Data Element Name and Definition	Format	Segment
2833	**MAJOR ORGANIZATIONAL ENTITY CODE -MOE CODE-** A code representing a NATO or sponsored country or agency or National organization for which item status and/or catalog management data are recorded (see Sub-Section 553, Table 18).	2A	H
2834	**SPECIAL MATERIAL IDENTIFICATION CODE, NAVY** A code employed by the US Navy to classify items into categories by systems or components of systems. This DRN is a component of DRN 8940 (Management Control Data, Navy). (see DoD 4100.39-M, Vol. 10, Table 60, available online at FLIS Technical Procedures)	2X	H
2836	**MATERIEL MANAGEMENT AGGREGATION CODE, AIR FORCE** A two position alphabetic code (AA through ZZ) authorized to identify specific items (NATO Stock Number) to be managed by a specific manager. These codes apply to (1) systems, (2) programs, (3) aggregation of related equipment and (4) selected NATO Supply Classes. This DRN is a component of DRN 8925 (Management Control Data, Air Force). (see DoD 4100.39-M, Vol. 10, Table 66, available online at FLIS Technical Procedures)	2A	H
2862	**PHRASE CODE -PHRASE-** A code assigned to a phrase used in the management data list to denote changes and/or relationships between NATO Stock Numbers and Reference Data, e.g. Technical Document Number, Quantitative Expression etc. (see Sub-Section 553, Table 30).	1X	H
2863	**CONTROLLED INVENTORY ITEM CODE -CIIC-** A code indicating the security classification and/or security risk or pilferage controls for storage and transportation of physical assets (see Sub-Section 553, Table 34).	1X	H
2867	**PRIORITY INDICATOR CODE -PIC-** A code used in the input transaction to indicate priority of processing; the degree of urgency for the data requested. This code is perpetuated on the output transaction. (See Sub-Section 553, Table 07).	1X	ALL
2891	**RECOVERABILITY CODE, MARINE CORPS** A code to provide information on each US Marine Corps item relative to whether the item is considered reparable, consumable or salvageable. (see DoD 4100.39-M, Vol. 10, Table 57, available online at FLIS Technical Procedures)	1A	H
2892	**RECOVERABILITY CODE, ARMY** A code employed within the US Army denoting the recoverability category under which an item of supply is managed. (see DoD 4100.39-M, Vol. 10, Table 87, available online at FLIS Technical Procedures)	1A	H
2893	**TECHNICAL DOCUMENT NUMBER** A variable length alpha-numeric number of a technical document related or applied to a NSN as specified through the Phrase Code.	*20X	H

DRN	Data Element Name and Definition	Format	Segment
2895	**RELATED NATO STOCK NUMBER -RELATED NSN-** The NATO Stock Number related to the recorded NSN by means of a Management Data List Phrase Code or an Interchangeability and Substitutability -I & S- Relationship Code.	13N	H
2900	**REFERENCE NUMBER ACTION ACTIVITY CODE -RNAAC-** A code identifying the activity responsible for the value of the assigned Document Availability Code –DAC- (see Sub-Section 553, Table 18), and when registered as a user on the NSN, the activity authorized to submit reference number maintenance actions.	2X	C
2910	**REFERENCE NUMBER CATEGORY CODE -RNCC-** A code designating the relationship of the Reference Number to the item of supply (see Sub-Section 553, Table 08).	1X	C
2920	**REFERENCE NUMBER FORMAT CODE -RNFC-** A code designating the format of a Reference Number (see Sub-Section 553, Table 09).	1N	2, C, J
2923	**REFERENCE NUMBER STATUS CODE -RNSC-** A code specifying whether and under which conditions manufacturer **and** Reference Number are authorized for procurement (see Sub-Section 553, Table 14).	1A	C
2926	**RELATED ITEM NAME CODE** A code recorded against other Item Name Codes/Item Names to indicate relationships between different Item Names (e.g., colloquial name cross referenced to applicable Approved Item Name).	5N	
2933	**REPARABILITY CODE, ARMY -REP CODE ARMY-** A code denoting whether or not the item is reparable and the US Army echelon at which such maintenance repair is accomplished. The code is position three (3) of the Materiel Category Code, Army (DRN 2680). (see DoD 4100.39-M, Vol. 10, Table 65, available online at FLIS Technical Procedures)	1N	H
2934	**REPARABLE CHARACTERISTICS INDICATOR CODE, DLA -REP DLA-** A code indicating whether or not the item has reparable characteristics and whether or not the item has been subjected to reparable characteristics review. This code is applicable to DLA managed items only. (see DoD 4100.39-M, Vol. 10, Table 130, available online at FLIS Technical Procedures)	1A	H
2943	**SHELF LIFE CODE** A code indicating the storage time period or perishability of an item. This data is given by one character which may be an alpha, numeric or a symbol. (See Sub-Section 553, Table 29).	1X	H

DRN	Data Element Name and Definition	Format	Segment
2948	**SOURCE OF SUPPLY MODIFIER CODE -SOSMC-** A code denoting routing information for requisitions which cannot be addressed to a single MILSTRIP (Military Standard Requisitioning and Issue Procedures) Routing Identifier or when a single Routing Identifier cannot be assigned (see Sub-Section 553, Table 38).	3A	H
2959	**STORES ACCOUNT CODE, MARINE CORPS** A code used to indicate the type of funds employed within the US Marine Corps in supply support operations. This DRN is a component of DRN 8935 (Management Control Data, Marine Corps). (see DoD 4100.39-M, Vol. 10, Table 55, available online at FLIS Technical Procedures)	1N	H
3050	**UNIT OF ISSUE CODE -UIC-** A code indicating the physical measurement, the count or when neither is applicable, the container or shape of an item for purposes of requisitioning by, and issue to, the end-user, and is that element of management data to which the Unit Price is ascribed (see Sub-Section 553, Table 31).	2A	H
3053	**UNIT OF ISSUE CONVERSION FACTOR** The quantitative value by which the prior quantity per unit of issue must be multiplied to arrive at an equal quantity of the new unit of issue (see Sub-Section 553, Table 35).	5N	H
3311	**COMBAT ESSENTIALITY CODE, MARINE CORPS** A code employed by the US Marine Corps to establish that an end item is essential to the operational readiness of a weapon system or the conduct of a military mission ; or that a functional part contributes to the tactical and essential operations of an end item component or assembly, and its failure would render the end item inoperable or incapable of fulfilling its mission ; or that a repair or secondary depot reparable component is required for the safety and health of personnel, or is required by US laws. This DRN is a component of DRN 8935 (Management Control Data, Marine Corps). (see DoD 4100.39-M, Vol. 10, Table 72, available online at FLIS Technical Procedures)	1N	H
3317	**CODED CHARACTERISTICS DATA GROUP** A data chain representing an encoded data characteristic in a characteristic description of an item. It consists of the Master Requirement Code -MRC-, Mode Code, and the reply field in coded or clear text as designated by the Mode Code. It may include the Secondary Address Code and the Secondary Address Indicator Code when there is more than one reply within a MRC, and may include either of the and/or symbols. DRNs in the chain: 3445 (Master Requirement Code), 9485 (Secondary Address Indicator Code), 8990 (Secondary Address Code), 4735 (Mode Code), 4128 (Clear Text Characteristics Reply), 3465 (Coded Reply), 8950 ("And" Symbol) and 8951 ("Or" Symbol).	*1000X	V

DRN	Data Element Name and Definition	Format	Segment
3375	**EMAIL ADDRESS** An email address identifies an email box to which email messages are delivered.	50X	8-XML
3405	**DATA UNIVERSAL NUMBERING SYSTEM NUMBER -DUNS NUMBER-** Data Universal Numbering System (DUNS) number is a nine-digit number, issued by D&B, assigned to each business location in the D&B database (USA), having a unique, separate, and distinct operation for the purpose of identifying them.	9N	8-XML
3408	**COUNTRY CODE** A code which represents a country.	3A	8-XML
3445	**MASTER REQUIREMENT CODE -MRC-** A code assigned to each different approved IIG requirement. The MRC serves to identify the item characteristic defined by the requirement. The MRC used to be called Primary Address Code -PAC- (see Sub-Section 553, Table 139).	4X	M, V, MRD
3465	**CODED REPLY** A data field of one to six alpha and/or numeric positions in the Master Reply Decode Table which identifies the content of a reply to a Master Requirement Code -MRC- in coded form.	*6X	V, MRD
3570	**REFERENCE NUMBER -RN-** A number, limited to 32 characters, used to identify an item of production or, either by itself or in conjunction with other Reference Numbers, to identify an item of supply. Includes manufacturers part, drawing, model, type, source-controlling numbers, the manufacturers trade name when the manufacturer identifies the item by trade name only, NATO Stock Numbers, specification or standard part, drawing, or type numbers. This DRN is a component of DRN 0846 (Reference).	*32X	2, C, J
3595	**REPLACEMENT NCAGE** NCAGE Code which replaces a cancelled NCAGE Code	5X	8-XML
3614	**REQUIREMENT STATEMENT -RQMT STAT-** A variable length data field which gives the requirement statement in straightforward sequence for an assigned MRC.	*200X	M, MRD
3690	**SOURCE OF SUPPLY CODE -SOSC-** A code/MILSTRIP Routing Identifier Code/ which identifies the activity as a potential source of supply. Used in the AUTODIN Network to automatically route MILSTRIP requisitions. The field is reflected in 3 parts of the record, for the Army, Navy and Air Force. (See Sub-Section 553, Table 37).	3X	H

DRN	Data Element Name and Definition	Format	Segment
3708	**STATISTICAL INDICATOR CODE -SIC-** A code used to differentiate between and to identify the types of screening being requested. For NATO transaction this code is always "C".	1A	2
3720	**SUBMITTER CODE** A two position code to identify a country or NSPA authorized to submit requests directly to an NCB (see Sub-Section 553, Table 18).	2X	ALL
3765	**AIR FORCE BUDGET CODE - MANAGEMENT DATA LIST** A code employed by the US Air Force to classify items into categories by budget account for management information purposes. This DRN is a component of DRN 8925 (Management Control Data, Air Force). (see DoD 4100.39-M, Vol. 10, Table 67, available online at FLIS Technical Procedures)	1X	H
3790	**CANCELLED NATO STOCK NUMBER -CANCELLED NSN-** A NATO Stock Number which is no longer authorized for use to identify an active item of supply.	13N	K
3845	**REPLY TABLE CODE, IIG DECODE GUIDES** A code assigned to each reply table for identification purposes in the Item Identification Guide decode guides. Each table contains the Reply Codes and the associated clear text replies that have been approved and authorized for use with requirements covered by the table.	4X	MRD
3864	**DECODED REPLY STATEMENT** A data field which reflects the decoded clear text reply statement for a particular Reply Code applicable to a Master Requirement Code -MRC-.	*250X	M, MRD
3880	**DESTINATION ACTIVITY CODE -DEST ACT CODE-** A code to identify the NCB to which the transaction is to be dispatched (see Sub-Section 553, Table 18).	2X	OH, 2
3920	**DOCUMENT IDENTIFIER CODE -DIC-** Identifies a transaction to the system to which it pertains and its intended usage.	3X	ALL
3921	**DOCUMENT IDENTIFIER CODE, INPUT -DIC INPUT-** The Document Identifier Code submitted to the processing NCB which is perpetuated in resultant outputs to identify the input transaction.	3X	OH
3922	**DOCUMENT IDENTIFIER CODE, ORIGINAL INPUT** The submitted DIC used to indicate the specific type of action which caused the data element(s) to be effective dated.	3A	Z

DRN	Data Element Name and Definition	Format	Segment
3960	**ASSIGNED NATO STOCK NUMBER - ASSIGNED NSN -** A number assigned by a NCB to an approved item. It consists of the four digit NATO Supply Class -NSC- (DRN 3990) and the nine digit assigned NATO Item Identification Number -NIIN- (DRN 4000).	13N	ALL except J
3990	**NATO SUPPLY CLASS -NSC-** A four position code which identifies the supply classification of an item of supply identified under the NATO Codification System, an item of production and/or a homogeneous area of commodities in respect to their physical or performance characteristics. The first two digits identify the Supply Group and the last two digits identify the specific class within the specific group.	4N	ALL except J
3994	**NATO SUPPLY GROUP -NSG-** The NATO Supply Classification allows 99 segments called groups. Each of these groups is assigned a two digit code, e.g., Group 10-Weapons, Group 13-Ammunition and Explosives.	2N	
4000	**NATO ITEM IDENTIFICATION NUMBER -NIIN-** A number assigned by a country to each approved item identification under the NATO Codification System. It consists of the two digit code for NCB (DRN 4130) followed by a seven digit non-significant number.	9N	ALL except 2, 8, J
4065	**ITEM IDENTIFICATION GUIDE NUMBER -IIG No-** A number which identifies the guide under which an item was or is being described.	6X	A, R, MRD
4080	**ITEM NAME CODE -INC-** A code which identifies each name in the NATO Codification System. Each approved item name is assigned an individual code. Each non-approved item name is assigned code 77777. (See Sub-Section 223).	5X	2, A, R, MRD
4120	**MATCHED NATO STOCK NUMBER -MATCHED NSN-** The existing NSN which is found to be an actual or possible duplicate of a submitted proposal when a match is revealed characteristically or by Reference Number. The submitter is notified of this match through the use of this NSN and appropriate output code notification.	13N	
4126	**MATERIEL IDENTIFICATION CODE, MARINE CORPS** A code employed by the US Marine Corps to identify the method of accounting, degree and type control to be maintained for the item under the supported activities supply system and to identify materiel by specific purpose, type or classification for the war reserve sub-system. This DRN is a component of DRN 8935 (Management Control Data, Marine Corps). (see DoD 4100.39-M, Vol. 10, Table 73, available online at FLIS Technical Procedures)	1A	H

DRN	Data Element Name and Definition	Format	Segment
4128	**CLEAR TEXT CHARACTERISTICS REPLY** The clear text reply, submitted under Mode Codes E or G, to a Master Requirement Code -MRC-. A Mode Code E is never assigned, but is used to signify that the reply is a clear text exception to a coded reply authorized by an assigned Mode Code. A Mode Code G is given in complete clear text. It is used for such requirements as special features, which specify a narrative reply. The use of Mode Code G is limited to those conditions where this method of reply is the only possible solution.	*999X	V
4130	**NATO CODE FOR NCB -NCB CODE-** A code which identifies the country assigning the NATO Item Identification Number, or NSPA as the assignor of a NSPA Management Control Number (see CodSP-3).	2N	ALL except 2, J
4140	**NATO COMMERCIAL AND GOVERNMENT ENTITY CODE -NCAGE CODE-** A code which identifies manufacturers or organizations considered as manufacturers as defined in Sub-Section 241 (for structure and additional application see CodSP-3). The NCAGE Codes are listed in the National Handbooks H4-1 and H4-2 with names and addresses of the manufacturers. This DRN is a component of DRN 0846.	5X	1, 2, 8-XML, C, J
4210	**ORIGINATOR CODE** A domestic code which identifies an activity authorized to input logistical data directly or indirectly to its NCB.	2X	ALL
4235	**US FOREIGN/DOMESTIC DESIGNATOR CODE -US F/DDC-** A code used by the US and Canada to reflect the geographical location of the manufacturer (see Sub-Section 553, Table 25).	1N	8-XML
4238	**TYPE OF ORGANIZATIONAL ENTITY CODE -TYPE O.E. CODE-** A code which specifies the role of an entity with regard to NATO codification and/or military logistics agencies (see Sub-Section 553, Table 129).	1A	8-XML
4488	**CONCEPT NUMBER** Concept Number is used to differentiate how a particular Item Name should be used.	1N	
4540	**DELETION REASON CODE** A code identifying the program or function to be credited for each withdrawal of interest or other deletion type action (cancellations).	1N	T
4690	**OUTPUT DATA REQUEST CODE -ODRC-** A code submitted with a transaction to indicate what type of data the submitter, originator or the user requires, e.g. reference data, management data, descriptive data etc. (see Sub-Section 553, Table 03).	4N	2, R

DRN	Data Element Name and Definition	Format	Segment
4735	**MODE CODE** A data field in the Master Requirement Directory which reflects the permissible Mode Code(s) for a specific Master Requirement Code -MRC-. Used to determine if a given Mode Code in an input transaction for a MRC is permissible.	1A	V, MRD
4765	**REFERENCE OR PARTIAL DESCRIPTIVE METHOD REASON CODE -RPDMRC-** A code used to justify a reference type or partial descriptive type item identification submittal for NIIN assignment or reinstatement of a NIIN (see Sub-Section 553, Table 11).	1X	A, R
4780	**REFERENCE NUMBER VARIATION CODE -RNVC-** A code to indicate whether the cited Reference Number is or is not item identifying or is for information only (see Sub-Section 553, Table 12).	1N	C
4820	**TYPE OF ITEM IDENTIFICATION CODE -TYPE II CODE-** A code which identifies the type of item identification (see Sub-Section 553, Table 10).	1X	A, R
4962	**NATO SUPPLY CLASSIFICATION NOTE** A condensed or informal comment or explanation defining the content of a NATO Supply Classification (NSC), and specifying what particular items are either included or excluded from the NSC to assist in identifying and classifying new items of supply.	*999X	
4965	**NATO SUPPLY GROUP NOTE** A condensed or informal comment or explanation defining the content of a NATO Supply Group (NSG), and identifying similar items which are included or excluded from the NSG to assist in identifying and classifying new items of supply.	*999X	
4970	**NATO SUPPLY CLASSIFICATION TITLE** A title which represents a narrow NATO Supply Classification (NSC) of items within a NATO Supply Group (NSG), e.g., NSG 51 would encompass NSC 5110-Hand Tools, Edged, Non-Powered, NSC 5120-Hand Tools, Non-Edged, Non-Powered, NSC 5130-Hand Tools, Power Driven, etc.	*999N	
4972	**NATO SUPPLY GROUP TITLE** A title which represents a NATO Supply Group (NSG) or related items, e.g., NSG 10-Weapons, NSG-39-Materials Handling Equipment, NSG 53-Hardware and Abrasives, etc.	*999N	
5000	**FULL APPROVED ITEM NAME -FULL AIN-** The complete approved item name as mentioned in the Item Name Directory (H6).	*999X	M
5010	**APPROVED ITEM NAME -AIN-** The first nineteen positions of the item name which is input or output in the required segment.	*19X	A, R

DRN	Data Element Name and Definition	Format	Segment
5015	**ITEM NAME DEFINITION/DELIMITATION** An Item Name definition clearly explains the characteristics involved in the item concept to which it applies and serves to distinguish the item concept from other similar or closely related concepts. A delimitation is the demarcation of item concepts inherent in Basic Names and Item Names in order to distinguish between different item concepts in the same name or between similar item concepts in different names.	*999N	
5020	**NON-APPROVED ITEM NAME -NON AIN-** The first nineteen positions of the item name which does not meet the criteria for an Approved Item Name.	*19X	2, A, R
5027	**REQUIREMENT STATEMENT DEFINITION -RQMT STAT DEFINITION-** A clear text explanation of the meaning of the Requirement Statement.	*500X	MRD
5037	**PHYSICAL DRAWING IDENTIFIER –PHYS DWG ID-** The field that links to the file containing a particular drawing	8X	MRD
5099	**PRIMARY/SECONDARY INVENTORY CONTROL ACTIVITY CODE** A code that identifies which level of inventory control is responsible for the overall packaging data requirements assigned a specific NSN. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	1A	W
5148	**PACKAGING DATA SOURCE CODE** The code that identifies the source from which packaging data is obtained or received. Valid values: 'P' - PICA, 'S' - SICA, 'C' - DEPOT COSIS (Care of Supplies in Storage), 'R' - DEPOT RECEIVING, 'X' - VALIDATED CORRECTION, 'M' - MANUFACTURER /CONTRACTOR (This code is restricted to DLA Logistics Information Service input only, 'U' - CONSUMABLE ITEM (This code is restricted to SICA input only)	1A	W
5152	**INTERMEDIATE CONTAINER QUANTITY** A data field indicating the quantity of unit packs contained in the intermediate container. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	3X	W
5153	**UNIT PACK WEIGHT** Data field indicating the maximum gross weight of the unit pack. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	5X	W
5154	**UNIT PACK SIZE** Data field indicating the maximum outside length, width and depth of the unit pack. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	12N	W

DRN	Data Element Name and Definition	Format	Segment
5155	**UNIT PACK CUBE** A data field indicating the maximum cube of the unit pack. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	7X	W
5156	**ITEM TYPE STORAGE CODE** A code that indicates the type of storage space and environment conditions to be maintained for an item during storage and shipment. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	1X	W
5157	**UNPACKAGED ITEM WEIGHT** A data field indicating the actual weight of the number (multiples) of bare (unpackaged) items to be contained in the unit pack. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	5X	W
5158	**UNPACKAGED ITEM DIMENSIONS** A data field indicating the length, width and depth of the number (multiple) of bare (unpackaged) items to be contained in the pack. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	12N	W
5159	**PACKAGING CATEGORY CODE** A code used to group items (classified into three types of items, namely, common items, selective items or special items), by physical and chemical characteristics, weight/fragility, and preservative group. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	4X	W
5160	**METHOD OF PRESERVATION CODE** A code that defines the preventive measures to forestall deterioration resulting from exposure to atmospheric conditions during storage and shipment. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	2X	W
5161	**CLEANING AND DRYING PROCEDURE CODE** A code that defines the procedure for removing soil/foreign matter from parts, and the procedures to accomplish the subsequent drying of the cleaned part item. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	1X	W
5162	**PRESERVATION MATERIAL CODE** A code that identifies the material used to prevent or inhibit corrosion or deterioration of an item. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	2X	W
5163	**WRAPPING MATERIAL CODE** A code used to identify the type of wrapping material to be used on an item. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	2X	W

DRN	Data Element Name and Definition	Format	Segment
5164	**CUSHIONING AND DUNNAGE MATERIAL CODE** A code used to identify resilient material or devices used to absorb and dissipate energy from shock and vibration to adequately protect the contents and packaging components from physical damage during handling shipment and storage. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	2X	W
5165	**THICKNESS OF CUSHIONING OR DUNNAGE CODE** A code that identifies the minimum thickness of material used to cushion the item. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	1X	W
5166	**UNIT CONTAINER CODE** A code that identifies the container used to hold the quantity unit pack. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	2X	W
5167	**INTERMEDIATE CONTAINER CODE** A code that indicates a container which holds two or more unit packs of identical items. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	2X	W
5168	**UNIT CONTAINER LEVEL CODE** A code that indicates if the unit container is an acceptable shipping container and if so, the highest level of packing protection provided by the container. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	1X	W
5169	**SPECIAL MARKING CODE** A code used to identify the special markings applied to the container according to MIL-STD-129 that are required as an integral part of the total pack to protect the contained item during preservation, packing, storage, transit and removal from the pack. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	2X	W
5170	**LEVEL A PACKING REQUIREMENT CODE** A code that indicates the type of shipping container required for level 'A' maximum packing protection. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	1X	W
5171	**LEVEL B PACKING REQUIREMENT CODE** A code that indicates the type of shipping container required for level 'B' intermediate packing protection. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	1X	W
5172	**LEVEL C PACKING REQUIREMENT CODE** A code that indicates the type of shipping container required for level 'C' minimum packing protection. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	1X	W

DRN	Data Element Name and Definition	Format	Segment
5173	**OPTIONAL PROCEDURE INDICATOR CODE** A code that indicates allowable deviations from prescribed requirements. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	1A	W
5174	**SUPPLEMENTAL INSTRUCTIONS** A data field that provides additional, in-the-clear, packaging instructions, recorded in a narrative form, in addition to that shown in the preservation and packing data area. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	59X	W
5175	**SPECIAL PACKAGING INSTRUCTION (SPI) NUMBER** A number, provided by the Packaging Design Activity, that identifies a specific Special Packaging Instruction (SPI). (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	10X	W
5176	**SPECIAL PACKAGING INSTRUCTION (SPI) REVISION** A code (beginning with an 'A' for the first revision, then proceeding through the alphabet for each succeeding revision) that identifies the version of the Special Packaging Instruction (SPI). (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	1A	W
5177	**SPECIAL PACKAGING INSTRUCTION (SPI) DATE** A data field (two position ordinal date and three position day) that indicates the date of the Special Packaging Instruction (SPI). (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	5N	W
5178	**CONTAINER NATIONAL STOCK NUMBER (NSN)** A data field that identifies the National Stock Number (NSN) assigned to a long-life reusable container. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	13N	W
5179	**PACKAGING DESIGN ACTIVITY CODE** A code (the 5-digit numerical CAGE code assigned in conformance with Cataloging Handbook H4/8) that identifies the Packaging Design Activity. (see DoD 4100.39-M, Vol. 10, Table 182, available online at FLIS Technical Procedures)	5X	W
6044	**NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM CODE -NAICS CODE-** The North American Industry Classification System is a classification used by business and government to classify business establishments according to type of economic activity (process of production) in Canada, Mexico, and USA.	50X	8-XML
6106	**QUANTITY PER UNIT PACK CODE -QUPC-** A code indicating the number of units of issue in the unit package as established by the managing activity (see Sub-Section 553, Table 32).	1X	H

DRN	Data Element Name and Definition	Format	Segment
6998	**REASON CODE FOR PROPOSED CANCELLATION OF NATO STOCK NUMBER** A code assigned to NSN cancellation proposals submitted on L23 input. The DRN is also used on K23 (replies to L23) to indicate the reason for nonconcurrence to a cancellation proposal (see Sub-Section 553, Table 136)	1A	R
6999	**CLEAR TEXT EXPLANATION FOR PROPOSED CANCELLATION OF NATO STOCK NUMBER** Indicates a clear text explanation will follow on proposals for cancellation when the code "F" reply is made to DRN 6998 on L23 input. Also, indicates a clear text explanation will follow when the code "Z" reply is made to DRN 6998 on K23 (See Sub-Section 553, Table 136)	999X	R
7075	**UNIT PRICE -UP-** The standard price of the unit of issue as established by the managing activity expressed in national currency. (see DoD 4100.39-M, Vol. 10, Table 97, available online at FLIS Technical Procedures) It is constructed for input/output transactions as follows: ▪ For unit prices below ten million of national currency, the field is right justified and zero filled. The last two digits are the decimal places. No decimal point provided. ▪ For unit prices ten million of national currency and above, for which the nine position format of the Unit Price (DRN 7075) is insufficient to indicate the price of an item, the third character of the NATO Currency Code is to be replaced by a code indicating the number by which the value showed in columns 70-78 should be multiplied to obtain the price of the item. Code Multiplier 1 10 2 100 3 1000 4 10000 5 100000 6 1000000	9X	H
7325	**REASON FOR RETURN/NOTIFICATION CODE** A 3 position numeric code which indicates the reason an LSA transaction was returned or the reason a revision to an LSA transaction was required to continue processing. This code is mandatory on DIC K27 output and may be followed by related variable length data. (See Sub-Section 553, Table 130).	250X	R
8021	**WEB URL** A Uniform Resource Locator (URL) is a reference to a web resource that specifies its location on a computer network and a mechanism for retrieving it	50X	8-XML
8252	**ASSOCIATION PACKAGE SEQUENCE NUMBER -APSN-** The PSN of the Segment C in the file data of the item of supply which was found as a partial match through association code screening.	3X	L

DRN	Data Element Name and Definition	Format	Segment
8254	**REPLY TABLE CODE, MASTER REQUIREMENTS DIRECTORY - REPLY TABLE CODE MRD-** A code assigned to each reply table in the Master Requirements Directory for identification purposes. Each table contains the Reply Codes and the associated clear text replies that have been approved and authorized for use with requirements covered by the table. The format of this code is two alpha positions followed by two numeric positions.	4X	MRD
8255	**CONTROL CHARACTER CODE -CCC-** A format control character required to reformat the compressed version of decoded characteristics into the proper printing format (see Sub-Section 553, Table 04).	1X	M
8263	**LINE CONTINUATION CODE -LINE CONT CODE-** A code used, if more than one record/line is required, to sequence the record/lines required for the converted print expression of the reply for output display.	1X	
8268	**DATA ELEMENT TERMINATOR CODE -DETC-** A special character used to indicate the termination of a variable and/or fixed length data element (see Sub-Section 553, Table 04).	1X	8, M, Q, R, V
8290	**MAJOR ORGANIZATIONAL ENTITY RULE NUMBER -MOE RULE No-** A code which represents a specific NATO Major Organizational Entity -MOE- Rule. The first two positions identify the country responsible for establishing and maintaining the MOE Rule. The remaining two positions are non-significant. (See Sub-Section 553, Table 18).	4X	B, T
8328	**SUBMITTED PACKAGE SEQUENCE NUMBER -SPSN-** The PSN perpetuated from the original submittal which contained some type of error or discrepancy within the range of data identified by this Package Sequence Number.	3X	1, P, Q
8472	**FORMER UNIT OF ISSUE** A Unit of Issue Code that formerly applied to an item of supply (see Sub-Section 553, Tables 31 and 35).	2A	H
8525	**ITEM STANDARDIZATION CODE, REPLACED NSN -ISC RPLD NSN-** The coded representation of the item standardization decision on individual items not authorized for future procurement.	1X	E
8555	**CONTINUATION INDICATOR CODE -CIC-** A one position code to indicate that there are additional records required to fully portray an individual segment (see Sub-Section 553, Table 04 and Paragraph 512.2).	1X	2, B, C, H, J, M, P, Q, R, V

DRN	Data Element Name and Definition	Format	Segment
8575	**QUANTITATIVE EXPRESSION** An expression which specifies the content (decimal locator, quantity and unit of measurement) of the nondefinitive unit of issue assigned to an item of supply (see Sub-Section 553, Table 36).	13X	H
8629	**GLOBAL TRADE ITEM NUMBER CODE -GTIN CODE-** A code that describes the entire family of European article number/Uniform code council (EAN/UCC) data. Structures for trade items (products and services) identification. The family of data structures include: EAN/UCC-8 digit, UCC-12 digit, EAN/UCC-13 digit, and EAN/UCC-14 digit codes. This code identifies products and their producers at every level of product configuration (consumer selling unit, case level, inner pack level, pallet, shipper, etc.). The code must be represented in computer files in such a way to ensure uniqueness of the identification numbers.	14N	8-XML
8855	**ASSOCIATION CODE, NCAGE -AC NCAGE-** A code assigned by NCBs to identify the corporate complex entity and all related sub-entities that comprise a corporate complex. This code is used in item identification screening operations to determine actual duplicate items or possible duplicate items when the Reference Number is the same, but the NCAGE Code is different.	5X	C
8863	**ASSIGNED PERMANENT SYSTEM CONTROL NUMBER -ASSIGNED PSCN-** A number assigned for control purpose to identify items established in the TIR prior to NIIN assignment, or for Items of Services that do not warrant NSN assignment but require identification nationally for control or audit purposes. The PSCN consists of the four digit NSC, the two digit NCB CODE and 7 alphanumeric characters, the meaning of which is shown in National Manuals for Codification.	13X	E, L, M, V
8869	**ACTION NSN, I & S INS RELATION SHIP** The NSN in a DIDS I & S relation ship that has a relationship to the related NSN by means of an I & S relationship code	13N	
8875	**REPLACEMENT NSN, CANCELLATION** The NSN that has been determined through a cancellation process to be a replacement for a cancelled NSN.	13N	K, T
8925	**MANAGEMENT CONTROL DATA, AIR FORCE** A data chain of management data codes used by the US Air Force to designate controls which are essential to the successful operation of Air Force-Peculiar Systems. The data chain consists of DRNs 0418 (Management Control Data, Air Force), 2695 (Fund Code, Air Force), 2836 (Materiel Management Aggregation Code, Air Force) and 3765 (Air Force Budget Code-Management Data List).	7X	H

DRN	Data Element Name and Definition	Format	Segment
8930	**MANAGEMENT CONTROL DATA, ARMY** A data chain of management data codes used by the US Army to designate controls which are essential to the successful operation of Army-Peculiar Systems. The data chain consists of DRNs 0827 (Management Control Data, Army), 2665 (Accounting Requirements Code, Army) and 2680 (Materiel Category Code, Army).	7X	H
8935	**MANAGEMENT CONTROL DATA, MARINE CORPS** A data chain of management data codes used by the US Marine Corps to designate controls which are essential to the successful operation of Marine Corps-Peculiar Systems. The data chain consists of DRNs 0572 (Operational Test Code, Marine Corps), 0573 (Physical Category Code, Marine Corps), 2790 (Management Echelon Code, Marine Corps), 2959 (Stores Account Code, Marine Corps), 3311 (Combat Essentiality Code, Marine Corps) and 4126 (Materiel Identification Code, Marine Corps).	7X	H
8940	**MANAGEMENT CONTROL DATA, NAVY** A data chain of management data codes used by the US Navy to designate controls which are essential to the successful operation of Navy-Peculiar Systems. The data chain consists of DRNs 0121 (Special Material Content Code, Navy), 0132 (Issue, Repair and/or Requisitioning Restriction Code, Navy), 2608 (Cognizance Code, Navy) and 2834 (Special Material Identification Code, Navy).	7X	H
8950	**"AND" SYMBOL** A double dollar sign ($$) used in the characteristics data group to identify a combination of values to a characteristic such as material/metal and wood. The symbols will separate the values in a coded characteristic and will precede the Mode Code of the second and subsequent replies. The symbols will be used, when applicable, as an element of the characteristics data group for input, processing and storage and will be decoded on output to read "and" as an element of the characteristics data. (See Sub-Section 553, Table 04).	2X	V
8951	**"OR" SYMBOL** A single dollar sign ($) used in the characteristics data group to identify alternate values to a characteristic such as drive style/cross recess drive type 1 or type 2. The symbol will separate each value in a coded characteristic and will precede the Mode Code of the second and subsequent replies. The symbol will be used, when applicable, as an element of the characteristics data group for input, processing and storage and will be decoded on output to read "or" as an element of the characteristics data. (See Sub-Section 553, Table 04).	1X	V
8972	**NCAGE NAME** A clear text legal name of the entity registered under NCAGE.	190X	8-XML
8974	**TELEPHONE NUMBER** The identifier that represents a telephone number.	50X	8-XML
8975	**FAX NUMBER** The identifier that represents a fax number.	50X	8-XML

DRN	Data Element Name and Definition	Format	Segment
8977	**REPLACED NSN, STANDARDIZATION RELATIONSHIP** The NATO Stock Number in a standardization replacement relationship not authorized for procurement that is replaced by a NATO Stock Number authorized for procurement.	13N	E
8990	**SECONDARY ADDRESS CODE -SAC-** A variable length code used to extend/modify the Master Requirement Code. The Secondary Address Code may be up to three positions long. It is always used with a Secondary Address Indicator Code (DRN 9485).	*3X	V, MRD
8999	**SEGMENT CODE** A code to identify a specific group of data elements for a given segment (Sub-Section 512).	1X	ALL except IH, OH
9075	**SUBMITTED NATO SUPPLY CLASS -SUB NSC-** The NATO Supply Class that was submitted with the transaction but is different from the NATO Supply Class recorded against the item in the Total Item Record -TIR-.	4N	K
9094	**INPUT HEADER -IH-** This header contains the basic control information pertinent to a package and must precede all other segments which are included in the input transaction. It is used only in LMD (Multiple DIC Input) transactions.		
9098	**OUTPUT HEADER -OH-** This header contains the destination code of the recipient of the packages, the NATO File Maintenance Sequence Number and the basic control information pertinent to the packages, and will precede all other segments which are included in the output package.		
9100	**SEGMENT A - IDENTIFICATION DATA** This segment, used as output from NCB, consists of the elements of data common to the identification of an item.		
9101	**SEGMENT B - MOE RULE DATA** This segment, used as input to and output from NCB, consists of the MOE RULE NUMBER in relation to a specific item identification.		
9102	**SEGMENT C - REFERENCE DATA** This segment, used as input to and output from NCB, consists of the elements of data required in the structuring of a logistics Reference Number, including the related item of supply concept codes.		
9104	**SEGMENT E - STANDARDIZATION RELATIONSHIP DATA** A data chain identifying the originator, date and Item Standardization Code of standardization decisions for items either included or not included in an official DOD standardization replacement relationship.		

DRN	Data Element Name and Definition	Format	Segment
9108	**SEGMENT H - MATERIEL MANAGEMENT DATA** A data chain consisting of homogeneous data elements pertinent to Materiel Management Data, e.g. Source of Supply Code, Shelf Life Code, etc.		
9109	**SEGMENT K - ITEM IDENTIFICATION STATUS / CANCELLATION DATA** This segment is generated by the NCB as output only. This dual purpose segment will be used by the recipient as a cancellation index record in some instances, and merely to show the status of the NIIN in other instances.		
9110	**SEGMENT L - OUTPUT FILE DATA SUB-HEADER** This segment is generated by the NCB, as output only, whenever there is file data included in the output package. It serves as an intermediate header in the output package and identifies the specific NSN for which file data is being furnished.		
9111	**SEGMENT M - DECODED CHARACTERISTICS DATA** A data chain consisting of data elements (in decoded format) that are required to develop (print) an item identification description.		
9113	**SEGMENT P - DATA ELEMENT ORIENTED WITH RETURN CODE AND WITHOUT VALUE** This segment is generated by the NCB, as output only, to return errors or conflicts revealed during processing. The data element(s) involved are identified by the applicable DRN and Return Code to indicate specific error conditions. Any number of DRNs may be included within this segment to identify pertinent data elements and related Return Codes in the transaction package.		
9114	**SEGMENT Q - DATA ELEMENT ORIENTED WITH VALUE AND RETURN CODE** This segment is used as output from the NCB. It is generated by the NCB to return errors or conflicts revealed during processing. In addition to the applicable DRNs and Return Codes, the values are included. Any number of DRNs may be included within this segment to identify pertinent data elements and related Return Codes in the transaction package.		
9115	**SEGMENT R - DATA ELEMENT ORIENTED WITH VALUE** This dual purpose segment is used as input to and output from the NCB in conjunction with DICs LAD (Add Data Element), LCD (Change Data Element), LDD (Delete Data Element) and LTI (Interrogate by Item). Output resulting from LAD, LCD and LDD will be in Segment R format. However, output from LTI which is KIR (Interrogation Results) may be in a variety of formats depending on the degree of data being interrogated. Segment R will contain the DRNs and their values, except when it is used with LTI, in which case the values are not required.		

DRN	Data Element Name and Definition	Format	Segment
9117	**SEGMENT T - CANCELLATION/DELETE MOE RULE DATA** This segment is used when a NSN is to be cancelled in the master file (i.e. Cancel-inactive, Cancel-use, etc.). It is also used when a MOE Rule is to be deleted from an existing NSN.		
9118	**SEGMENT V - CODED CHARACTERISTICS DATA** This segment is used as input/output when providing coded characteristics data.		
9119	**SEGMENT Z - FUTURE DATA** This segment is generated as output only. It is used to notify authorized data recipients of maintenance type actions which have been received by the NCB and placed in a suspense status. These maintenance type actions will be processed into the TIR upon reaching the established effective data. This segment will also be included in file data packages resulting from interrogations or screening. Multiple occurrences of records for this segment may be generated.		
9121	**SEGMENT 1 - NOTIFICATION OF CHANGED DATA** This segment is created by the NCB and is used as output only. It will be included in file maintenance output packages whenever the NCB can change submitted data elements and approve the input transaction. (Data is furnished for information purposes only).		
9122	**SEGMENT J - SCREENING RESPONSE SUB-HEADER** This segment is generated by the NCB as output only. It is included in the output package resulting from Reference Number screening request, to indicate the specific Reference Number that caused a "match" or "not match" condition.		
9125	**SEGMENT 2 - SCREENING BY REFERENCE** This segment is designed for input to the NCB, specifically for submission of requests for provisioning and other preprocurement screening by Reference Number against the TIR.		
9127	**SEGMENT W – PACKAGING DATA** A group of data consisting of homogeneous data elements pertinent to packaging. The FLIS Procedures Manual, Volume 8 and 9, Chapter 3, specify the data elements which make up the group.		
9325	**ORIGINATOR OF STANDARDIZATION DECISION -ORIG STDZ DEC-** Identifies the national activity that is responsible for the assignment of item standardization codes to record standardization decisions. Computer generated from the originating activity code (DRN 4210) which is included in the Input Header.	2X	E
9380	**EXTRA LONG REFERENCE NUMBER INDICATOR CODE -ELRN IND CODE-** A special character in the 32nd position of a Reference Number (DRN 3570). The character, i.e. a dash (-) is used to indicate that the Reference Number exceeds 32 digits.	1X	2, C

DRN	Data Element Name and Definition	Format	Segment
9480	**RETURN CODE -RET CODE-** A code applied by the processing NCB to indicate the reason a particular data element was returned to the submitter (see Sub-Section 553, Table 02).	2X	P, Q
9485	**SECONDARY ADDRESS INDICATOR CODE** A code which serves to indicate the number of characters in the Secondary Address Code (DRN 8990).	1N	V, MRD
9525	**REPLACEMENT NSN, STANDARDIZATION RELATIONSHIP** The NATO Stock Number in a standardization replacement relationship authorized for procurement that replaces the NATO Stock Number not authorized for procurement.	13N	E, L
9554	**CLASSIFICATION ASSISTANCE MODIFIER, H2** A modifying word or phrase used to qualify an Item Name as to the applicable/authorized NATO Supply Class(es) to be reflected in Cataloging Handbook H2.	*999X	
9565	**NCAGE DATA PREFIX CODE -NCAGEDPC-** Data element identifies particular segments of data used to comprise a total SSR NATO Commercial and Government Entity Code data record (see Sub-Section 553, Table 23).	3X	8
9566	**NCAGE DATA GROUP - NCAGEDG-** A NCAGE DATA GROUP consists of Name, address and other data which adds value to the KHN file. It must include an NCAGE Data Prefix Code – NCAGEDPC DRN 9565 (3 characters) (see Sub-Section 553, Table 23) followed by the appropriate CLEAR TEXT containing the relevant information, terminated by the DATA ELEMENT TERMINATOR CODE – DETC DRN 8268 (# symbol), where the maximum length allowed for each Prefix Code is: • 3 characters for CTR • 5 characters for RP1, RP2, RP3, RP4 and RP5 • 38 characters for ST1, ST2, CIT, STE, STT, PSC, POB, PCC and PCS • 50 characters for CPV, TEL, FAX, IDN, EMA, WWW, BAR, UNS, SIC, NAI and NAC • 190 characters for NAM	7X or 9X or 42X or 54X or 194X	8
9567	**DATE OF LAST CHANGE, NCAGE RECORD** The year and Julian day denoting the date of last change to a NCAGE record.	5N	8-XML
9568	**GLOBAL LOCATION NUMBER CODE -GLN CODE-** A code allocated to Manufacturers, Non-Manufacturers and Organizations by the private entity GS1. GLN is a key concept in EDI (Electronic Data Interchange). GS1 allocates this code particularly for the e-commerce business. Various GLN codes could exist for a unique company, due to different premises identified with different GLN codes.	13N	8-XML

DRN	Data Element Name and Definition	Format	Segment
9569	**COMMON PROCUREMENT VOCABULARY CODE -CPV CODE-** A standardised vocabulary developed by the European Union for public procurement to describe procurement notices to help procurement authorities to classify procurements consistently, and to help service and product suppliers find procurements of interest. Format: NNNNNNNN-N (where N is a number) Example: 30121300-6 (Reproduction equipment) Web link: https://simap.ted.europa.eu/web/simap/cpv	10X	8-XML
9571	**HARMONIZED SYSTEM -HS-** A 6-digit standardized numerical method of classifying traded products developed and maintained by the World Customs Organization (see www.wcoomd.org) HS numbers are used by customs authorities around the world to identify products for the application of duties and taxes. Additional digits are added to the HS number by some governments (like U.S.) to further distinguish products in certain categories.	6N	
9572	**REPORTABLE ITEM CODE -RIC-** A six alphanumeric characters code classifying all equipment, material, supplies and personnel used to define operational capabilities for NATO's user communities' needs Management of RIC codes is realized by the NATO Communications and Information Agency (NCIA) in The Hague, Netherlands.	6X	C
9573	**ANATOMICAL, THERAPEUTIC, CHEMICAL CLASSIFICATION SYSTEM -ATC-** System which divides the active substances into different groups according to the organ or system on which they act and their therapeutic, pharmacological and chemical properties. It is controlled by the World Health Organization Collaborating Centre for Drug Statistics Methodology (WHOCC). Web link: http://www.whocc.no/atcddd	7X	C
9574	**UNITED NATIONS STANDARD PRODUCTS AND SERVICES CODE -UNSPSC-** A coding system of classifying and naming products and services used in electronic commerce. It is maintained by GS1 US for the UN Development Programme (UNDP). Web link: http://www.unspsc.org/	8N	8, C
9765	**STATION SERIAL NUMBER - XML** The Station Serial Number of the XML automated data network message.	4N	8-XML
9917	**SYSTEM ERROR CODE** System errors are defined as conditions that are encountered during processing which terminate any further processing of the input transaction. Currently the only Return Code related to this DRN is TP.	2X	P

DRN	Data Element Name and Definition	Format	Segment
9975	**DRN VALUE** This represents the value for the preceding DRN (i.e. if the DRN was for NATO Supply Class, this field could be 5905).	*999X	Q, R

NOTES :
- The symbol * indicates that the related data element is of variable length ;
- When the indicated number of digits is "999", the data length is not limited as a rule.

Sub-Section 544 - Alphabetic List of Abbreviations used for Data Element Names in Sections 510 and 530 cross-referenced to the full Data Element Name and its DRN

Abbreviation	Data Element Name	DRN
AAC	Acquisition Advice Code	2507
AC NCAGE	Association Code, NCAGE	8855
ADP EIC	Automatic Data Processing Equipment Identification Code	0801
AIN	Approved Item Name	5010
APP KEY	Applicability Key Code, Item Identification Guide	0103
APSN	Association Package Sequence Number	8252
ASSIGNED NSN	Assigned NATO Stock Number	3960
ASSIGNED PSCN	Assigned Permanent System Control Number	8863
CANCELLED NSN	Cancelled NATO Stock Number	3790
CCC	Control Character Code	8255
CIC	Continuation Indicator Code	8555
CIIC	Controlled Inventory Item Code	2863
CLNG-DRYNG-PRO-CD	Cleaning and Drying Procedure Code	5161
CTNR-NSN	Container National Stock Number (NSN)	5178
CUSH-DUN-MAT-CD	Cushioning and Dunnage Material Code	5164
DAC	Document Availability Code	2640
DATE STDZ DEC	Date, Standardization Decision	2300
DCN	Document Control Number	1015
DCSN	Document Control Serial Number	1000
DEMIL CODE	Demilitarization Code	0167
DEST ACT CODE	Destination Activity Code	3880
DETC	Data Element Terminator Code	8268
DIC	Document Identifier Code	3920
DIC INPUT	Document Identifier Code, Input	3921
DRN	Data Record Number	0950
ELRN IND CODE	Extra Long Reference Number Indicator Code	9380
FULL AIN	Full Approved Item Name	5000
IH	Input Header	9094
IIG No	Item Identification Guide Number	4065
INC	Item Name Code	4080
INTMED-CTNR-CD	Intermediate Container Code	5167
INTMED-CTNR-QTY	Intermediate Container Quantity	5152
IRRC	Issue, Repair and/or Requisitioning Restriction Code, Navy	0132

Abbreviation	Data Element Name	DRN
ISAC	Identified Secondary Address Code	0766
ISC	Item Standardization Code	2650
ISC RPLD NSN	Item Standardization Code, Replaced NSN	8525
ITM-TYP-STOR-CD	Item Type Storage Code	5156
LINE CONT CODE	Line Continuation Code	8263
LVL-A-PKG-RQMT-CD	Level A Packing Requirement Code	5170
LVL-B-PKG-RQMT-CD	Level B Packing Requirement Code	5171
LVL-C-PKG-RQMT-CD	Level C Packing Requirement Code	5172
MATCHED NSN	Matched NATO Stock Number	4120
MOE CODE	Major Organizational Entity Code	2833
MOE RULE No	Major Organizational Entity Rule Number	8290
MRC	Master Requirement Code	3445
MTHD-PRES-CD	Method of Preservation Code	5160
NATO CUR CODE	NATO Currency Code	0856
NCAGE CODE	NATO Commercial and Government Entity Code	4140
NCAGEDG	NCAGE Data Group	9566
NCAGEDPC	NCAGE Data Prefix Code	9565
NCAGESD CODE	NCAGE Status Designator Code	2694
NCB CODE	NATO Code for NCB	4130
NCPC	NATO Codification Project Code	1057
NFMSN	NATO File Maintenance Sequence Number	1516
NIIN	NATO Item Identification Number	4000
NIIN SC	NATO Item Identification Number Status Code	2670
NON AIN	Non Approved Item Name	5020
NSC	NATO Supply Class	3990
NSG	NATO Supply Group	3994
ODRC	Output Data Request Code	4690
OH	Output Header	9098
OPTNL-PRO-IND-CD	Optional Procedure Indicator Code	5173
ORIG STDZ DEC	Originator of Standardization Decision	9325
PHRASE	Phrase Code	2862
PHYS DWG ID	Physical Drawing Identifier	5037
PIC	Priority Indicator Code	2867
PICA-SICA-IND-CD	Primary/Secondary Inventory Control Activity Code	5099
PKG-CTGY-CD	Packaging Category Code	5159
PKG-DATA-SRC-CD	Packaging Data Source Code	5148

Abbreviation	Data Element Name	DRN
PKG-DSGN-ACTY-CD	Packaging Design Activity Code	5179
PMIC	Precious Metals Indicator Code	0802
PRES-CD	Preservation Material Code	5162
PRINT CONT CODE	Print Control Code	0234
PSN	Package Sequence Number	1070
QUPC	Quantity per Unit Pack Code	6106
REF	Reference	0846
RELATED NSN	Related NATO Stock Number	2895
REP CODE ARMY	Reparability Code, Army	2933
REP DLA	Reparable Characteristics Indicator Code, DLA	2934
REPLY TABLE CODE MRD	Reply Table Code, Master Requirement Directory	8254
RET CODE	Return Code	9480
RN	Reference Number	3570
RNAAC	Reference Number Action Activity Code	2900
RNCC	Reference Number Category Code	2910
RNFC	Reference Number Format Code	2920
RNJC	Reference Number Justification Code	2750
RNSC	Reference Number Status Code	2923
RNVC	Reference Number Variation Code	4780
RPDMRC	Reference or Partial Descriptive Method Reason Code	4765
RQMT STAT	Requirement Statement	3614
RQMT STAT DEFINITION	Requirement Statement Definition	5027
RSFED	Recorded Suspense File Entry Date	0870
SAC	Secondary Address Code	8990
SIC	Statistical Indicator Code	3708
SOSC	Source of Supply Code	3690
SOSMC	Source of Supply Modifier Code	2948
SPI-DT	Special Packaging Instruction (SPI) Date	5177
SPI-NBR	Special Packaging Instruction (SPI) Number	5175
SPI-REV	Special Packaging Instruction (SPI) Revision	5176
SP-MKG-CD	Special Marking Code	5169
SPSN	Submitted Package Sequence Number	8328
STYLE NO IC IIG	Style Number Identifier Code, Item Identification Guide	0767
STYLE NO IIG	Style Number, Item Identification Guide	0768
SUB NSC	Submitted NATO Supply Class	9075
SUPMTL-INST	Supplemental Instructions	5174

Abbreviation	Data Element Name	DRN
SVTC	Segment V Terminator Code	0339
THK-CUSH-DUN-CD	Thickness of Cushioning or Dunnage Code	5165
TSC	Transaction Status Code	0854
TYPE II CODE	Type of Item Identification Code	4820
TYPE O.E. CODE	Type of Organizational Entity Code	4238
TYPE VAL CODE	Type of Value Code	0238
UIC	Unit of Issue Code	3050
UNIT-CTNR-CD	Unit Container Code	5166
UNIT-CTNR-LVL-CD	Unit Container Level Code	5168
UNPKG-ITM-DIM	Unpackaged Item Dimensions	5158
UNPKG-ITM-WT	Unpackaged Item Weight	5157
UP	Unit Price	7075
UP-CU	Unit Pack Cube	5155
UP-SZ	Unit Pack Size	5154
UP-WT	Unit Pack Weight	5153
US F/DDC	US Foreign/Domestic Designator Code	4235
USI SERV CODE	Using Service Code	0745
WRAP-MAT-CD	Wrapping Material Code	5163

Section 550 - Tables of Codes and Characters used in International Transactions together with their Definitions

Sub-Section 551 - Introduction

This section contains tables of codes or characters used in the international exchange of codification and standardization when the list of such codes for a specific data element is too large to be given in the data element definition in Sub-Section 543.

Sub-Section 552 - List of Tables in alphabetic order of Data Element Name

Data Element	DRN	Table Number
Accounting Requirements Code, Army	2665	DoD 4100.39-M, Vol 10, Table 64, available online at: FLIS Technical Procedures
Acquisition Advice Code [AAC]	2507	33 + DoD 4100.39-M, Vol 10, Table 97, available online at: FLIS Technical Procedures
Air Force Budget Code - Management Data List	3765	DoD 4100.39-M, Vol 10, Table 67, available online at: FLIS Technical Procedures
Automatic Data Processing Equipment Identification Code [ADP EIC]	0801	DoD 4100.39-M, Vol 10, Tables 159 + 161, available online at: FLIS Technical Procedures
Cleaning and Drying Procedure Code [CLNG-DRYNG-PRO-CD]	5161	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Clear text explanation for proposed cancellation of NSN	6699	136
Cognizance Code, Navy	2608	DoD 4100.39-M, Vol 10, Table 62 + 129, available online at: FLIS Technical Procedures
Combat Essentiality Code, Marine Corps	3311	DoD 4100.39-M, Vol 10, Table 72, available online at: FLIS Technical Procedures
Container National Stock Number (NSN) [CTNR-NSN]	5178	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Controlled Inventory Item Code [CIIC]	2863	34
Cushioning and Dunnage Material Code [CUSH-DUN-MAT-CD]	5164	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Demilitarization Code [DEMIL CODE]	0167	41
Destination Activity Code [DEST ACT CODE]	3880	18
DICs which, when successfully processed against an item identification resident in the TIR, will increment the NATO File Maintenance Sequence Number (DRN 1516)	-	22
Document Availability Code [DAC]	2640	05
Expendability, Recoverability, Reparability Category Code, Air Force	2655	DoD 4100.39-M, Vol 10, Table 69, available online at: FLIS Technical Procedures

Data Element	DRN	Table Number
Fund Code, Air Force	2695	DoD 4100.39-M, Vol 10, Table 68, available online at: FLIS Technical Procedures
Intermediate Container Code [INTMED-CTNR-CD]	5167	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Intermediate Container Quantity [INTMED-CTNR-QTY]	5152	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Inventory Account Code, Coast Guard	0708	DoD 4100.39-M, Vol 10, Table 127, available online at: FLIS Technical Procedures
Issue, Repair and/or Requisitioning Restriction Code, Navy [IRRC]	0132	DoD 4100.39-M, Vol 10, Table 95 + 157, available online at: FLIS Technical Procedures
Item Standardization Code [ISC]	2650	20
Item Type Storage Code [ITM-TYP-STOR-CD]	5156	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Level A Packing Requirement Code [LVL-A-PKG-RQMT-CD]	5170	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Level B Packing Requirement Code [LVL-B-PKG-RQMT-CD]	5171	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Level C Packing Requirement Code [LVL-C-PKG-RQMT-CD]	5172	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Major Organizational Entity Code [MOE CODE]	2833	18
Major Organizational Entity Rule Number [MOE RULE No]	8290	18
Management Echelon Code, Marine Corps	2790	DoD 4100.39-M, Vol 10, Table 54, available online at: FLIS Technical Procedures
Materiel Category Code, Army	2680	DoD 4100.39-M, Vol 10, Table 65, available online at: FLIS Technical Procedures
Materiel Control Code, Navy	2832	DoD 4100.39-M, Vol 10, Table 63, available online at: FLIS Technical Procedures
Materiel Identification Code, Marine Corps	4126	DoD 4100.39-M, Vol 10, Table 73, available online at: FLIS Technical Procedures
Materiel Management Aggregation Code, Air Force	2836	DoD 4100.39-M, Vol 10, Table 66, available online at: FLIS Technical Procedures

Data Element	DRN	Table Number
Method of Preservation Code [MTHD-PRES-CD]	5160	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
NATO Character Sub-Set	-	21
NATO Code for NCB [NCB CODE]	4130	13
NATO Commercial and Government Entity Code [NCAGE CODE]	4140	15
NATO Commercial and Government Entity Status Designator Code [NCAGESD CODE]	2694	24
NATO Currency Code [NATO CUR CODE]	0856	40
NATO Item Identification Number Status Code [NIIN SC]	2670	01
NCAGE Data Prefix Code [NCAGEDPC]	9565	23
Operational Test Code, Marine Corps	0572	DoD 4100.39-M, Vol 10, Table 123, available online at: FLIS Technical Procedures
Optional Procedure Indicator Code [OPTNL-PRO-IND-CD]	5173	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Output Data Request Code [ODRC]	4690	03
Packaging Category Code [PKG-CTGY-CD]	5159	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Packaging Design Activity Code [PKG-DSGN-ACTY-CD]	5179	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Phrase Code [PHRASE]	2862	30
Physical Category Code, Marine Corps	0573	DoD 4100.39-M, Vol 10, Table 124, available online at: FLIS Technical Procedures
Precious Metals Indicator Code [PMIC]	0802	DoD 4100.39-M, Vol 10, Table 160, available online at: FLIS Technical Procedures
Preservation Material Code [PRES-CD]	5162	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Primary/Secondary Inventory Control Activity Code [PICA-SICA-IND-CD]	5099	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Priority Indicator Code [PIC]	2867	07
Quantity per Unit Pack Code [QUPC]	6106	32
Reason Code for proposed cancellation of NATO Stock Number	6998	136
Reason for Return/Notification Code	7325	130

Data Element	DRN	Table Number
Recoverability Code, Army	2892	DoD 4100.39-M, Vol 10, Table 87, available online at: FLIS Technical Procedures
Recoverability Code, Marine Corps	2891	DoD 4100.39-M, Vol 10, Table 57, available online at: FLIS Technical Procedures
Reference Number Category Code [RNCC]	2910	08
Reference Number Format Code [RNFC]	2920	09
Reference Number Justification Code [RNJC]	2750	06
Reference Number Status Code [RNSC]	2923	14
Reference Number Variation Code [RNVC]	4780	12
Reference or Partial Descriptive Method Reason Code [RPDMRC]	4765	11
Reparability Code [REP CODE]	-	39
Reparability Code, Army [REP CODE ARMY]	2933	DoD 4100.39-M, Vol 10, Table 65, available online at: FLIS Technical Procedures
Reparability Code, Coast Guard	0709	DoD 4100.39-M, Vol 10, Table 128, available online at: FLIS Technical Procedures
Reparable Characteristics Indicator Code, DLA [REP DLA]	2934	DoD 4100.39-M, Vol 10, Table 130, available online at: FLIS Technical Procedures
Request for Codification and Registration of User Code	2179	131
Return Code [RET CODE]	9480	02
Serial Number Control Code, Coast Guard	0763	DoD 4100.39-M, Vol 10, Table 150, available online at: FLIS Technical Procedures
Shelf Life Code	2943	29
Source of Supply Code [SOSC]	3690	37
Source of Supply Modifier Code [SOSMC]	2948	38
Special Characters for Control	-	04
Special Marking Code [SP-MKG-CD]	5169	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Special Material Content Code, Navy	0121	DoD 4100.39-M, Vol 10, Table 102, available online at: FLIS Technical Procedures
Special Material Identification Code, Navy	2834	DoD 4100.39-M, Vol 10, Table 60, available online at: FLIS Technical Procedures

Data Element	DRN	Table Number
Special Packaging Instruction (SPI) Date [SPI-DT]	5177	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Special Packaging Instruction (SPI) Number [SPI-NBR]	5175	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Special Packaging Instruction (SPI) Revision [SPI-REV]	5176	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Stores Account Code, Marine Corps	2959	DoD 4100.39-M, Vol 10, Table 55, available online at: FLIS Technical Procedures
Submitter Code	3720	18
Supplemental Instructions [SUPMTL-INST]	5174	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Thickness of Cushioning or Dunnage Code [THK-CUSH-DUN-CD]	5165	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Transaction Status Code	0854	26
Type of Item Identification Code [TYPE II CODE]	4820	10
Type of Organizational Entity Code [TYPE O.E. CODE]	4238	129
Unit Container Code [UNIT-CTNR-CD]	5166	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Unit Container Level Code [UNIT-CTNR-LVL-CD]	5168	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Unit of Issue Code [UIC]	3050	31
Unit of Issue Conversation Factor	3053	35
Unit of Measure of Related NSN	0107	36
Unit Pack Cube [UP-CU]	5155	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Unit Pack Size [UP-SZ]	5154	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Unit Pack Weight [UP-WT]	5153	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Unit Price [UP]	7075	DoD 4100.39-M, Vol 10, Table 97, available online at: FLIS Technical Procedures

Data Element	DRN	Table Number
Unpackaged Item Dimensions [UNPKG-ITM-DIM]	5158	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
Unpackaged Item Weight [UNPKG-ITM-WT]	5157	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures
US Foreign/Domestic Designator Code [US F/DDC]	4235	25
Using Service Code	0745	28
Wrapping Material Code [WRAP-MAT-CD]	5163	DoD 4100.39-M, Vol 10, Table 182, available online at: FLIS Technical Procedures

Sub-Section 553 - Tables, Definitions and Instructions

Table 01 - NATO Item Identification Number Status Code (NIIN SC)

1. A table of codes used to indicate the present status of the NIIN recorded in the TIR (see also Sub-Section 543, DRN 2670). When a NIIN SC is received in output transactions verify the submitted NIIN; if in error, correct and resubmit. If the submitted NIIN is correct follow the instructions for the applicable NIIN SC.

2. The codes, definitions and instructions for each code are as follows :

Code	Definition	File data forwarded in respect of	Secondary output code used in response to Input code		Instructions, if applicable
			LAR, LAU, LCR, LDR, LDU, or LMD	LTI	
0	Item is active	Submitted NSN	KFD	None primary output code KIR is applicable	If the file data represents your item of supply submit, if applicable, a LAU transaction. Otherwise use the NSN in your supply system.
1	Item identification is active but the item is non-procurable within the Service organisations of the country of origin, i.e. the record is maintained only for use by other NATO Nations.	Submitted NSN	KFD	None primary output code KIR is applicable	If the file data represents an item of supply required by your country, submit a LAU transaction. Otherwise use the NSN in your supply system.
3	Item is “Cancelled with Replacement”.	“Replacement NSNs”.	KFD (1)	KFE (1)	If the file data represents your item of supply submit, if applicable, a LAU transaction. If the original input is applicable to one of the “Replacement NSNs” resubmit using the appropriate “Replacement NSN”

Code	Definition	File data forwarded in respect of	Secondary output code used in response to Input code		Instructions, if applicable
			LAR, LAU, LCR, LDR, LDU, or LMD	LTI	
4	Item is “Cancelled without Replacement”.	None	-	-	For reinstatement submit, if applicable, a manual request via E-mail / NATO Form AC/135-No 34 or via NSN Online Maintenance Tool.
5	Item is “Cancelled-Use”.	“Use NSN”	KFD	KFE	If the file data represents your item of supply submit, if applicable, a LAU transaction. If the original input is applicable to the “Use NSN” resubmit the “Replacement NSN”
6	Item is inactive, i.e. no recorded MOE Rule Number.	Submitted NSN	KFD (2)	None	If the file data represents your item of supply, submit a LAU transaction.
7	Item is “Cancelled Duplicate”.	“Duplicate NSN”	KFD (1)	KFE (1)	If original input is applicable to duplicate item, resubmit using the “Duplicate NSN”.
8	Item is “Cancelled Inactive”.	None	-	-	For reinstatement submit, if applicable, a manual request via E-mail / NATO Form AC/135-No 34 or via NSN Online Maintenance Tool.
9	Item identification is temporarily maintained in the TIR and will be cancelled with the withdrawal of the last user.	Submitted NSN	None	KFD	Submit, if necessary, a LAU transaction for the replacement NSN.

NOTES :

(1) When the replacement NSN(s) is (are) of foreign origin (third country's NSN), no secondary output is forwarded.

(2) Not for LAU and LDU.

(3) Additional codes are used by the United States; for details of these codes see the US FLIS Procedures Manual (DoD 4100.39-M), Volume 10, Chapter 4.

Table 02 - Return Code (RET CODE)

Code	Title/Definition and Instructions
AB	More than three Reference Numbers, Logistics have been submitted under the same Document Control Number when searching another country's Reference Numbers. This output is returned under DIC KRE, Segment P.
AE	Your transaction LAR, LDR or LCR is returned because the NCAGE Code and the NSN represent the same country. A Segment P record is returned. Submit your request manually using NATO Form AC/135-No 34 or NSN Online Maintenance Tool.
AU	Your submittal either contained or matched a NIIN assigned by another NATO or Tier 2 sponsored country. No data (except the NSN) is authorized to be released except by the country that assigned the NSN. Verify the NSN and if correct, mail your submittal directly to the NCB of the responsible country. This output is returned under DIC KRE, Segment Q.
BZ	Invalid combination of RNCC-DAC submitted.
CM	Addition of a reference for this NSN requires manual review and therefore your request has to be resubmitted manually using NATO Form AC/135-No 34 or NSN Online Maintenance Tool. Your country is not authorized to submit this transaction directly.
CR	The RNCC applied against the submitted Reference Number conflicts with the RNCC allowed for the cited NCAGE Code. A Segment Q record is returned containing the submitted RNCC.
DN	Submittal to change or delete a data element/segment cannot be processed because the data element/segment is not recorded against the item (NSN) which is recorded in the TIR. A Segment P record is returned. **Note:** If you receive this Return Code and it should have been NR, forward a problem report to codifying country with copy to other NCBs.
EC	Submittal reflects a data element(s) (other than the data element(s) being added, changed or deleted) which is different than the data element(s) recorded against the item in the TIR. A Segment Q record containing the DRN and the DRN value of the TIR data which is different from the submitted data is returned.
EQ	Your submittal contains an NCAGE Code which reflects a NATO Commercial and Government Entity Status Designator Code -NCAGESD Code- of C, E, F, H, U or W and the RNCC/RNVC combination is other than 2-9, 3-9, 5-9, 7-9 or C-1.
EV	The reflected data element(s) is (are) invalid due to validation checks made against appropriate SSR Look-Up Table(s).
FN	Submitted NIIN has not been assigned to an Item Identification. Verify submitted NIIN. If in error, correct and resubmit. If correct, submit the transaction to the NCB by manual request via E-mail / NATO Form AC/135-No 34 or via NSN Online Maintenance Tool and include all applicable input data.
GW	Your submittal was already recorded in our Suspense File under the same Document Control Number -DCN-.

Code	Title/Definition and Instructions
HN	Item is in "Lock-out" status. Submit interrogation request LTI. Interrogation results will indicate status (effective date of cancellation, replacement NSN, if any etc.) of "locked-out" NSN in Segment Z. To reinstate an item identification that was cancelled erroneously, cancelled-invalid, or cancelled-inactive, forward to the codifying country a manual request via E-mail / NATO Form AC/135-No 34 or via NSN Online Maintenance Tool stating the reason for reinstatement. Also provide the NSN, related Reference Number(s), applicable NCAGE Codes and supporting technical data, if any, of the item identification to be reinstated.
HV	Transaction contained a submitter code which is not compatible with the routing identifier in the telecommunication header. Rejected transactions will be returned to the submitter under KRE, Segment P.
IC	Submittal contained invalid combination of input DICs under one Document Control Number. See input DIC LMD for acceptable combination of input DICs.
IV	The submitted data element(s) has invalid format or does not appear on the appropriate validation tables. A Segment P or Q is returned as applicable, depending upon the DRNs involved.
JR	The Reference Number with a Reference Number Justification Code did not match a Reference Number in the TIR ; therefore, the Reference Number Justification Code is not applicable. Verify the Reference Number. If correct, resubmit without the Reference Number Justification Code.
KP	The Reference Number with a Reference Number Justification Code created an actual duplicate of an item in the TIR. Segment P is returned with KFD file data for the matched item. Review the KFD file data. If the existing item represents your item of supply, submit a LAU transaction if not recorded as a user.
LV	Your item was returned for the following reasons(s) : (a) Your country is not an authorized submitter for this DIC,. Segment P is returned. (b) Your country cannot submit this transaction directly because the item is subject to stringent control and the release of data to the NATO countries must be taken under consideration. Segment Q is returned. Processing may be accomplished by submitting the transaction and the Segment Q output record to the NCB concerned by manual request via E-mail / NATO Form AC/135-No 34 or via NSN Online Maintenance Tool.
MI	A mandatory data element is missing in the input transaction. A Segment P record reflecting the DRN of the missing data element is returned.
NR	A proposed change to an existing item identification cannot be processed because your activity proposing the change is not authorized data submitter as represented by the recorded MOE RULE NUMBER on the item. Correct and resubmit. **Note:** If you receive this Return Code and it should have been DN, forward a problem report to codifying country with copy to other NCBs.
NS	The status of this NIIN is not appropriate for the submitted transaction.
OP	Submitted data for the DRN(s) reflected in this Segment P output record contained unauthorized symbol(s), letter(s), numeral(s), or blank positions.

Code	Title/Definition and Instructions
RS	Your country is not the authorized data submitter as represented by : (1) the MOE RULE NUMBER submitted or (2) the RNAAC recorded against the Reference in the TIR or (3) the Submitter Code versus the RNAAC in the input transaction.
SC	Submitted NIIN has been assigned to a Security Classified Item Identification. Verify submitted NIIN. If in error, correct and resubmit proposal. If correct, submit the transaction to the NCB by manual request via E-mail / NATO Form AC/135-No 34 or via NSN Online Maintenance Tool. The NCB will forward to the originator of the classified item.
SM	Proposed action to add or change data element(s)/segment(s) for this NSN is already recorded in the TIR, or the proposed maintenance action contained identical data elements repeated in this input under the same DIC and Document Control Serial Number/Package. Review for possible input error. If in error, correct and resubmit. If correct, no further action required. TIR data coded KFD will be included as secondary output only when the input DIC is LAU or LSA.
TC	Submitted NCAGE Code cancelled without replacement.
TD	Invalid combination of RNVC-RNCC submitted.
TP	A system error was encountered during the processing of your input transaction. DO NOT resubmit that transaction. Query the responsible NCB for information concerning status of error resolution/resubmission of your transaction. Your inquiry must include the DIC, DCN and NIIN (if available) of the transaction initially submitted.
UG	Submittal cannot be processed. When the Extra Long Reference Number Indicator Code is present in the 32nd position of the Reference Number to signify an Extra Long Reference Number, the RNVC must be "1". Segment P is returned.
UJ	Submitted LAR or LCR transaction cannot be processed because the RNCC is other than 5 or 6. Segment P is returned.
UV	Conflict between DIC and DRN Value. The value of this DRN is not authorized for this Document Identifier Code. Review the transaction and resubmit with corrected value.
XA	Your submittal for interrogation/search is returned as it matched a nuclear ordnance item. Verify your submittal and, if correct, return it by manual request via E-mail / NATO Form AC/135-No 34 or via NSN Online Maintenance Tool together with the related DIC KRE return to the codifying NCB. Action will be taken by the NCB, through the nuclear ordnance manager, to complete the processing of your submittal. (Code for United States use only).
ZH	The number of Output Data Request Code DRNs and/or data elements submitted for interrogation under the same DCSN exceed the maximum admitted.
5N	Two or more records were contained in the submittal of a DIC with the same DCN. Positions which must contain the same identical information differ.

See DRN 9480 for format.

Table 03 - Interrogation Output Data Request Code (ODRC)

A series of established sets of data, identified by Output Data Request Codes and available for extraction from the database of an NCS using country.

Output Data Request Code (ODRC)	Request Segment (3)									Use
	A	B	C	E	H	M	V	W (4)	Z (1)	LTI
0118	X	X	X	X	X	X			X	X
0119	X	X	X	X	X		X		X	X
0120	X	X	X	X	X				X	X
9801								X		
9901	X								X	X
9906	X	X	X	X		X			X	X
9907	X	X	X						X	X
9909	X	X	X		X				X	X
9914	X	X	X	X			X		X	X
9915	X	X	X	X					X	X
9936					X				X	X
9939		X							X	X
9940	X		(2)				X		X	X
9942	X					X			X	X
9948			X						X	X
9949				X					X	X

NOTES :

(1) Segment Z data will be output only when the future data is related to the segment being searched.

(2) Segment C is output to give SR-1 and/or SR-5 data when the RNCC is 1, 2, 3 or 4.

(3) the ODRC relates to the maximum data required rather than the minimum, for example if ‘ODRC’ requests segments ‘A’, ‘B’, ‘C’ and ‘V’ and only segments ‘A’ and ‘C’ are available these are the segments that will be provided.

(4) Segment W is available only from the U.S.

See DRN 4690 for format.

Table 04 - Special Characters for Control

DRN	Data Elements	Character	Hole Pattern
0339	Segment V Terminator Code	##	8-3 / 8-3
8255	Control Character Code	@	8-4
8268	Data Element Terminator Code	#	8-3
8555	Continuation Indicator Code (*)	-	11
8950	“AND” Symbol	$$	11.8.3 / 11.8.3
8951	“OR” Symbol	$	11.8.3

(*) for details on use see Paragraph 512.2 of Sub-Section 512.

NOTES :

1. The number sign (crosshatch) symbol (#) is used as the Data Element Terminator Code -DETC- (DRN 8268) to signify the end of a variable or fixed data element in laid down instances.

   Because the Data Element Terminator Code (#) is used to signify the end of a data element in Segment 8, M, Q, R and V, it cannot be used as a symbol within those segments. (c.f. NOTE 2 to TABLE 21 - Character Sub-set for the Exchange of NATO Codification Data).

   Wherever the crosshatch symbol appears in a data field within Segment 8, M, Q, R and V, and it is not used as DETC, it must be changed to the word CROSSHATCH. As an example the data AB#123 must be expressed as: AB CROSSHATCH 123. It is, however, permitted to use the # character in a Reference Number in Segment C.

2. The dollar sign ($), when used as a response to a MRC, must be followed by the Mode Code and decodes to OR. If the dollar sign is contained within a Reference Number, (e.g. ABC$123) the reply to MRC TEST must be : ABC DOLLAR SIGN 123. Wherever the dollar sign appears in a reply to a MRC and does not pertain to an OR condition, it must be changed to the word DOLLAR SIGN. The same principle applies to the commercial at sign (@). Wherever the commercial at sign is contained within a Reference Number (e.g. ABC@123) the reply to MRC TEST must be: ABC COMMERCIAL AT SIGN 123.

Table 05 - Document Availability Code (DAC)

A code designating the documentation availability of the Reference Number Action Activity Code (RNAAC).

Code	Explanation
1	The Reference Number is represented by a drawing and the drawing was available to the RNAAC at the time of submission of the Reference Number. The RNAAC will furnish the drawing upon request.
2	The Reference Number is represented by a drawing and the drawing was available to the RNAAC at the time of submission of the Reference Number ; however, the RNAAC cannot furnish the drawing.
3	The Reference Number is represented by technical documentation other than a drawing and the documentation was available to the RNAAC at the time of submission of the Reference Number. The RNAAC will furnish the technical documentation upon request.
4	The Reference Number is represented by technical documentation other than a drawing and the documentation was available to the RNAAC at the time of submission of the Reference Number ; the RNAAC cannot furnish the technical documentation.
5	The Reference Number is represented by a drawing, but the drawing was not available to the RNAAC at the time of submission of the Reference Number.
6	The Reference Number is represented by technical documentation other than a drawing but the documentation was not available to the RNAAC at the time of submission of the Reference Number.
9	The Reference Number is of the type for which an indication of document availability is not required or the Reference Number has not been verified by the manufacturer.
A	The reference number is represented by an engineering drawing and the drawing is available for unlimited use. The drawing will be furnished by the activity identified by the RNAAC upon request.
B	The reference number is represented by an engineering drawing. The drawing is available for limited use under the terms of the rights-in-data clause of the contract by which the data was obtained and will be furnished by the activity identified by the RNAAC upon request. Descriptive data based on Limited Rights information will not be released to the general public through publications or other media.
C	The reference number is represented by an engineering drawing. The drawing is available for unlimited use but under the security measures specified for the level of security classification assigned. The drawing will be furnished only to qualified requesters by the activity identified by the RNAAC.
D	The reference number is represented by an engineering drawing. The drawing is available for limited use under the terms of the rights-in-data clause of the contract by which the data was obtained, and under the security measures specified for the level of security classification assigned. The drawing will be furnished only to qualified requesters by the activity identified by the RNAAC. Descriptive data based on Limited Rights information will not be released to the general public through publications or other media.
E	The reference number is represented by engineering data other than an engineering drawing. The data is available for unlimited use and will be furnished by the activity identified by the RNAAC upon request.

Code	Explanation
F	The reference number is represented by engineering data other than an engineering drawing. The data is available for limited use under the terms of the rights-in-data clause of the contract by which the data was obtained and will be furnished by the activity identified by the RNAAC upon request. Descriptive data based on Limited Rights information will not be released to the general public through publications or other media.
G	The reference number is represented by engineering data other than an engineering drawing. The data is available for unlimited use but under the security measures specified for the level of security classification assigned. The data will be furnished only to qualified requesters by the activity identified by the RNAAC.
H	The reference number is represented by engineering data other than an engineering drawing. The data is available for limited use under the terms of the rights-in-data clause of the contract by which the data was obtained, and under the security measures specified for the level of security classification assigned. The data will be furnished only to qualified requesters by the activity identified by the RNAAC. Descriptive data based on Limited Rights information will not be released to the general public through publications or other media.
U	A reference number represented by a bar code structure in accordance with an organization such as GS1. The technical documentation may or may not be available to the RNAAC.
X	Filler code found on NSNs that were assigned before DACs were created.

NOTES :

1. The DAC is applicable to all types of item identifications submitted under requests for NSN assignment, reinstatements of cancelled NSNs, additions of Reference Numbers, and for changes of data to Reference Numbers when the Reference Number exists in the TIR.
2. Government specifications and standards shall be considered "technical documentation", and shall be coded DAC 3, 4 or 6.
3. When DAC is Code 9, the RNAAC recording this code will be included in the transaction. (DAC 9 shall always be used when a variation code of 9 and RNCC of 6 are reflected in the transaction).
4. In addition to the above codes, the United States uses alphabetic codes ; for details of these codes see the US FLIS Procedures Manual (DoD 4100-39M, Volume 10, Chapter 4).
5. When DAC is “U”, RNCC must be 3, 5, 8, or C.

See DRN 2640 for format.

Table 06 - Reference Number Justification Code (RNJC)

A code to record the degree of research conducted and justification for the creation of a new item identification despite a recognized condition of possible duplication by Reference Number with an existing item.

Code	Explanation
1	Technical data on the possible duplicated item identification have been reviewed and the additional items of production (Reference Numbers) are not acceptable for the item of supply.
2	The additional items of production associated with the proposal have been reviewed and are correctly proposed as primary numbers to identify the item of supply. Collaborating activities have not agreed to the additional items of production.
4	Data on the additional items of production is not available and acceptability of the additional items of production cannot be determined.
7	The Reference Number represents an obsolete or discontinued item which has "rolled back" into stock and it would not be appropriate to mix stock with the current item. Reference Number Justification Code "7" shall be used only when it is necessary to acquire an NSN for a cancelled, superseded, or obsolete Reference Number which matches a Reference Number coded RNCC 5 and RNVC 9.

NOTES :

1. In the event of a combination of codes, use the lower numeric RNJC.
2. The RNJC shall not be reflected in the matched reference of the existing item identification.
3. The RNJC is required for each LAR, which would create another possible duplication.

See DRN 2750 for format.

Table 07 - Priority Indicator Code (PIC)

A code used in input transactions to indicate the precedence and response time allowed for transaction processing to ensure employment of the time frames agreed upon.

Code	Explanation
0	Immediate processing. Generated on output from the US that results from an on-line TIR update. Only output resulting from an on-line transaction will contain this value.
4	Routine. For LSA transactions, the processing time agreed upon should not exceed **60** days.
A	Accelerated and NATO or Common project LSA transactions. The processing time agreed upon should not exceed **45** days.
E	Emergency LSA transactions. The processing time should be kept to the minimum, but should not exceed **7** days.

NOTES :

1. Codes A and E can only be used for LSA transactions and the related L07 transactions. For all other transactions and routine LSA transactions, code 4 is to be used.
2. The code is perpetuated on the output transaction.
3. The codes 0, 1, 2 and 3 are used only by the United States. For details of these codes see the US FLIS Procedure Manual (DoD 4100.39-M, Volume 10, Chapter 4).

See DRN 2867 for format.

Table 08 - Reference Number Category Code (RNCC)

A code that designates the relationship of a Reference Number to the item of supply.

Code	Explanation
1	**Codification Description:** Source Control Reference. The number assigned by a design activity to a drawing that depicts existing commercial or vendor items which exclusively provide performance, installation and interchangeable characteristics required for one or more specific critical applications. Restrictions are imposed by the design activity to ensure procurement of the only item(s) known, as a results of test or evaluation, to qualify for the stated critical application. Includes only those drawings which meet the definition of "Source Control Drawing" in the national specification. (Applicable only to type 1, 1B, 2, 4 and 4B item identifications).
	User Description: A Reference with RNCC "1" allocated means that the Item of Supply in question has been subjected to special testing or sampling by the Design Activity thus ensuring that the Item of Supply is fit for a specific purpose. RNCC "1" is usually allocated at the request of the Design Activity to restrict the possibility, on re-acquisition, of the wrong Item of Supply being acquired and avoid the possibility of degrading the performance of the equipment by the use of sub-standard spares.
2	**Codification Description:** Definitive Government Specification or Standard Designator Reference. A part number, style number, or type designator included in or developed in accordance with a government specification or standard which has the effect of fully identifying an item of supply. This code shall also be used for a government specification or standard which, although not including part numbers, style numbers, or type designators, covers a single item of supply. These Reference Numbers may be coded with a variation code of 1, but only in the rare circumstance where a specification has an uncoordinated revision or amendment, and the type number has not changed. As an example, Military Specification MIL-E-1/515 Type 6247 (an uncoordinated specification with the same type as the original) would be coded as: RNCC RNVC MIL-E-1/515 4 1 6247 2 1 In this example neither reference number is item identifying; however, the two references together are. (Non-definitive government specifications or standard designator references shall be coded 4 ; specification control drawings as defined in the appropriate national specification shall be coded 7). Examples of standards attracting RNCC 2 are, ANSI, Def Stan, Mil Specs, CECC, DIN, ISO etc.
	User Description: A Reference with RNCC "2" allocated means that the Item of Supply in question is manufactured to a Government/Civilian Standard or Specification. This RNCC should be allocated when the Standard or Specification identifying number is fully definitive and identifies the Item of Supply without any additional information.

Code	Explanation
3	**Codification Description:** Design Control Reference. The primary number used to identify an item of production or a range of items of production, by the manufacturer (individual, company, firm, corporation, or government activity) which controls the design, characteristics, and production of the item by means of its engineering drawings, specifications and inspection requirements. When used to identify a drawing where the Original Design Activity (ODA) was transferred to a Current Design Activity (CDA), the reference number will be coded with Reference Number Variation Code (RNVC) 9. This RNCC is allocated to references in accordance with a company's internal standard.
	User Description: A Reference with RNCC 3 allocated means that the Item of Supply in question is fully and definitively identified by the Design Control Reference, subject to the RNVC allocated in conjunction with RNCC 3. RNCC 3 should not be allocated to Item of Supply manufactured in accordance with a Government/Civilian Standard or Specification. Where the RNCC is 3 and the RNVC is 9, then the Reference has been declared obsolete by the Design Authority.
4	**Codification Description:** Non-definitive Government Specification or Standard Reference. Any government specification or standard reference other than those indicated in code 2 as definitive references. This code shall be used for non-definitive government specifications and standard references and non-definitive part numbers, type designators, and style numbers included therein which are coded with a variation code of 1. (Includes the specification number of those specifications for which type designation is used as code 2). Examples of standards attracting RNCC 4 are, ANSI, Def Stan, Mil Specs, CECC, DIN, ISO etc.
	User Description: A Reference with RNCC "4" allocated means that the Item of Supply in question is Manufactured to a Government/Civilian Standard/Specification but the Reference recorded with this RNCC is not fully definitive and therefore does not fully identify the Item of Supply without the addition of further identifying information. A Reference with this RNCC will always have a RNVC of "1".
5	**Codification Description:** Secondary Reference. Any reference related to the NSN which does not fall into any other category and assigned to an item of production or supply by a commercial or government organization, which represents the same item of production or supply. Includes : - References to secondary sources of supply (Supplier/Vendor); - Additional numbers used primarily for preliminary screening. **NOTE**: An RNCC 5 reference with a Reference Number Variation code (RNVC) of 2 shall not be added to an NSN with a Standard Military Drawing (SMD) or Military Specification coded RNCC-RNVC 2-2 unless the reference is registered on the Qualified Products List (QPL) for the SMD or Mil Spec.

Code	Explanation
	User Description: A Reference with RNCC "5" allocated means that the Item of Supply in question, depending on the RNVC allocated, has either, a secondary source of supply (Supplier/Vendor) (RNCC 5, RNVC 2), is obsolete (RNCC 5, RNVC 9) or has a non definitive Secondary Reference (RNCC 5, RNVC 1).
6	**Codification Description:** Informative Reference. Reference to another system of classification / nomenclature or interchangeability indication between NSN from different countries (See Chapter 2, Sub-Section 233).
	User Description: A Reference with RNCC "6" allocated means that the Item of Supply in question, has got an additional informative reference. This data may be used by purchasing services or by acquisition organisations for cross reference purposes.
7	**Codification Description:** Vendor Item Drawing Reference (Formerly, Specification Control Reference). The number assigned by a design activity to a drawing that is not item identifying, but which delineates existing commercial or vendor developed items meeting all engineering and test requirements specified, without imposing additional test/engineering requirements not normally provided by the vendor(s). Includes only those drawings which meet the definition Vendor Item Drawing in MIL-STD100.
	User Description: A Reference with RNCC "7" allocated means that the Reference in question fully meets the stated requirements of the design control authority and may be acquired from any approved vendor. The user may find more than one Item of Supply with this Reference recorded, where this is the case, the user may assume that all of the NSNs found meet the original outline requirement statement.
8	**Codification Description:** NATO Reproduced Item Identification Number. A number representing a reproduction of an item of production by another NATO or Tier 2 sponsored country for which authorization to use the NATO Stock Number has been granted by the originating country. The reproduced item represents the same item of production as the original item.
	User Description: This RNCC is allocated to Items of Production that are being manufactured under license.
A	**Codification Description:** Design Category Packaging and Related Logistics Data Reference Number. The number of a document representing packaging and related logistics data requirements.

Code	Explanation
C	**Codification Description:** A Reference Number assigned to an item of production not included in the item of supply concept to which the NATO Stock Number -NSN- has been assigned. Use of this Reference Number Category Code -RNCC- is restricted to conditions where cross-reference is required to establish identification to an item of supply. Additionally, there is no direct relationship of the Reference Number to the NSN other than a service/agency individual decision.
D	**Codification Description:** Drawing Number Reference. A number assigned by a design activity to a drawing or other technical documentation which identifies a drawing/document that is related to an item of supply or production but does not qualify for assignment of codes 1, 3, 5, 7 or C. Code D Reference Numbers will not be used in item of supply determinations.
E	**Codification Description:** Replaced Reference. A manufacturer's part number, government specification/standard or other design control reference number that is superseded, discontinued or replaced, resulting in a cancel-use action. Used to identify the original item of supply/replaced item. **Do not use for codification purposes.**
	User Description: This reference requires revision due to the fact that the reference has been automatically transferred from a cancelled NSN to an active NSN.

NOTES:

1. Each Reference Number or portion of a Reference Number shall be coded to indicate the relationship of the Reference Number to the item of supply.
2. When determination cannot be made as to whether or not a Reference Number is the "Design Control Reference" it shall be considered the "Design Control Reference" until positive determination can be made. However, only one Reference Number shall be considered as the "Design Control Reference" for each type 1A, 1B, 4A or 4B item identification. In addition, only one Reference Number shall be considered as the "Design Control Reference" for each item of production included in the concept of a type 1, type 2 or type 4 item identification.
3. Reference Numbers assigned RNCC D will always be submitted with a variation code -RNVC- of 9.
4. Reference Numbers assigned RNCC C will always be submitted with a variation code -RNVC- of 1.

See DRN 2910 for format.

Table 09 - Reference Number Format Code (RNFC)

A code which identifies the format of a Reference Number.

Code	Explanation
1	Number is formatted as configured on the originating document with the exception of the modification shown in Chapter IV, Annex A, paragraph 2.2.
3	Number format is unknown since the reference number has been recorded before the implementation of the current code –RNFC-.
4	Number is totally "in-the-clear" (without modification) as originally configured by the manufacturer indicated by the NCAGE Code.
5	The reference number results from a change of the part number (PN) by conversion of non-Latin national characters to Latin characters included in the table of Character Sub-set for the Exchange of NATO Codification Data (see Table 21). This conversion is in accordance with the national conversion table such as it is defined by the NCB of the country where the manufacturer/distributor is located ; this conversion method usually is in accordance with the ISO standard (see ISO/TC46/SC2 "Conversion of written languages").

NOTE : Only RNFC 1, 4 and 5 are authorized for international data exchange.

See DRN 2920 for format.

Table 10 - Type of Item Identification Code (TYPE II CODE)

Code	Type	Explanation
1	1	Full Descriptive Item Identification
K	1A	Full Descriptive - Reference Item Identification
L	1B	Full Descriptive - Reference - Descriptive Item Identification
2	2	Reference Item Identification
4	4	Partial Descriptive Item Identification (Type 1 concept)
M	4A	Partial Descriptive Item Identification (Type 1A concept)
N	4B	Partial Descriptive Item Identification (Type 1B concept)

See DRN 4820 for format.

Table 11 - Reference or Partial Descriptive Method Reason Code (RPDMRC)

A code identifying the reason a reference type, or partial descriptive item identification was submitted.

Code	Explanation
1	An Approved Item Name does not exist. Use this code when submitting a type 2, 4, 4A or 4B item identification with a Non-approved Item Name having Item Name Code 77777.
2	The Approved Item Name applied to this item exists for use exclusively with the partial descriptive method of item identification - Miscellaneous Items IIGs A238 and A239.
3	An Approved Item Name and IIG exist but the item involved is so unique in design that it cannot be fully described in accordance with the IIG.
4	An Approved Item Name and IIG may exist but technical data sufficient for preparation of a full descriptive method item identification could not be acquired after several follow-up actions during a 150 days suspense period. Includes such reasons as : industry refuses to provide the technical data based on policy, restricted or proprietary rights, non-existence of technical data, etc.
5	An Approved Item Name and IIG may exist but lack of technical data and/or the press of time force temporary use of the partial descriptive or reference method.
6	An Approved Item Name and IIG may exist but it has previously been established and documented that industry refuses to provide the technical data sufficient for preparation of a descriptive item identification based on policy, restricted or proprietary data rights, non-existence of technical data, etc.
9	A NCB generated code for items lacking but requiring a RPDMRC or for items losing the meaning of the previous code as the result of corrections of file inconsistencies.
BLANK	A NCB generated code to be used in case the item identification is transferred from type 2, 4, 4A or 4B to type 1, 1A or 1B.

See DRN 4765 for format.

Table 12 - Reference Number Variation Code (RNVC)

A code indicating whether a cited Reference Number is item identifying, or not or for information only.

Code	Explanation
1	A Design Control Reference or other Reference Number that does not identify an item of production without the use of additional information.
2	A Design Control Reference or other Reference Number that is an item-identifying number for an item of production.
3	A vendor's Reference Number on a source control item which is reparable through the removal, exchange, and reinstallation of component parts. The related Source Control Document Number will also reflect the code 3. This code is limited to a type 1B or 4B item identification.
8	A non-item-identifying reference number that is added to a replacement NSN as a result of a cancel-use action. Used to identify the original item of supply/replaced item. **Do not use for codification purposes**.
9	A specification, standard, or other Reference Number which has been superseded, cancelled, is obsolete, or discontinued and has RNCC 4, 5 or 7; the Reference Number is for information only and has RNCC 6; a drawing which is the Controlling Reference Number coded RNCC 2 or 3; or a drawing number reference coded RNCC D.

See Notes at next page.

NOTES :

1. Each Reference Number or portion of a Reference Number, shall be coded as follows:

   a. The Reference Number for a manufacturer's source controlling reference or a specification controlling reference for a type 1, 2 or 4 item identification shall always contain RNVC 2.

   b. For a type 1A, 1B, 4A or 4B item identification the Reference Number for a related non-definitive specification or standard Reference Number shall always contain RNVC 1.

   c. For a type 1A or 4A item identification, the "Design Control Reference" shall always be item-identifying of the item of production and this Reference Number shall always contain RNVC 2. Additional Reference Numbers related to type 1A or 4A item identifications, other than the Reference Number may contain RNVC 1 or 2 depending on whether or not the Reference Number must be supplemented in order to identify the same item of production. An activity submitting such an additional Reference Number to a type 1A or 4A item identification which requires RNVC 1 shall be prepared to furnish data substantiating that the submitted Reference Number with stated modifications or changes, represents the same item of production as the Reference Number.

   d. For a type 1B or 4B item identification, the "Design Control Reference" shall always be the type which requires supplementary data to identify the item of production and this Reference Number shall always contain RNVC 1.

      Additional Reference Numbers related to a type 1B or 4B item identification, other than the Reference Number, may contain RNVC 1 or 2 depending on whether or not the Reference Number must be supplemented in order to identify the same item of production. An activity submitting an additional Reference Number for a type 1B or 4B item identification which does not require RNVC 1 shall be prepared to furnish data substantiating that the submitted Reference Number represents the same item of production represented by the "Design Control Reference" and the content of the differentiating characteristic(s).

   e. For a type 2 item identification, the "Design Control Reference" for each item of production included in the type 2 concept, shall always be item-identifying of the item of production and shall always contain RNVC 2. Where an additional reference is known to represent the same item of production as the "Design Control References", the reference (always containing RNCC 5) may contain RNVC 1 or 2 depending on whether or not the number must be supplemented in order to identify the item of production. Where an additional reference is coded RNCC 4, the RNVC shall always be 1.

2. When a Definitive Specification or Standard Designator Reference (RNCC 2) constitutes the only available reference related to a proposed type 2 item identification, and this reference has the effect of fully identifying the item of supply, such a Reference Number may be submitted for assignment of an NSN. In such a case, the Reference Number shall contain RNVC 2.

See DRN 4780 for format.

Table 13 - NATO Code for NCB (NCB CODE):

See CodSP-3 - NCS Country Codes

See DRN 4130 for format.

Table 14 - Reference Number Status Code (RNSC)

A code specifying whether and under which conditions manufacturer **and** Reference Number are authorized for procurement.

Code	Explanation
A	Manufacturer and Reference Number are authorized for procurement. Under this Reference Number items can be procured only from the manufacturer identified by the NCAGE Code. **Note:** This code is only used for Reference Numbers originating from manufacturer's standards or catalogs or for copyrighted drawing numbers.
B	Manufacturer and/or Reference Number are not authorized for procurement. **Note**: This code is only used for obsolete or informative Reference Numbers, as well as the Standard Reference.
C	The Reference Number originates from a descriptive technical document of the product, which may be used as a procurement document without restrictions. The NCAGE Code specified for this Reference Number identifies the originating organization or agency of the document but not the supply source of the item. **Note:** This code is being allocated to Reference Numbers originating from generally available specifications/standards or to drawing numbers for which the Government has separate property rights or for which the author does not claim any property rights.
D	Procurement authority of the manufacturer and Reference Number have not yet been checked. **Note:** This code is being allocated to Reference Numbers still requiring checks on procurement authority.
E	The Reference Number originates from a descriptive technical document of the product, which, owing to contractual agreements, may only be used with restrictions as a procurement document. The NCAGE Code specified for this Reference Number identifies a government agency as originator or holder of user rights of the technical document but not the supply source of the item. **Note:** This code is being allocated to Reference Numbers related to a technical document for which the procuring agency has the user rights owing to contractual arrangements. These user rights authorize the procuring agency to use the technical document for procurement purposes within the framework of the user rights contract.

Code	Explanation
F	The Reference Number denotes a technical document for a product which is subject to qualification. Any such product can only be procured from qualified manufacturers. **Note:** This code is being related to Reference Numbers of items requiring safety or quality criteria, determined subject to special authorization. The latter also applies to related supply sources.
G	Manufacturer and Reference Number are not authorized for procurement. **Note:** This code is being allocated to Reference Numbers of manufacturers which use other organisations to market/distribute their products.
H	The Reference Number originates from a technical document describing the product ; this document may, owing to special conditions, only be used as a procurement document for one manufacturer. The NCAGE Code given with the Reference Number identifies an agency as publisher or as a user of the technical documentation, not, however, the source of the item. **Note:** This code identifies Reference Numbers of specifications/technical data packages consisting mainly of copyrighted technical data, e.g. drawings, and therefore authorized for procurement from one manufacturer only.

See DRN 2923 for format.

Table 15 - NATO Commercial and Government Entity Code (NCAGE CODE):

See CodSP-3 - NCS Country Codes

See DRN 4140 for format

Table 18 - Major Organisational Entity Code (MOE CODE)

A two character alpha code, the first character of which is Z, Y, W or V

NATO countries:

Country Sequence	
ALBANIA	YH
BELGIUM	ZB
BULGARIA	WU
CANADA	ZC
CROATIA	WD
CZECH REPUBLIC	WZ
DENMARK	ZS
ESTONIA	WE
FRANCE	ZF
GERMANY	ZG
GREECE	ZU
HUNGARY	WH
ICELAND	ZV
ITALY	ZR
LATVIA	VD
LITHUANIA	WI
LUXEMBOURG	ZL
MONTENEGRO	VH
NETHERLANDS	ZN
NORWAY	ZT
NSPA (USER)	ZX
NSPA (NMCRL)	WX
NSPA (NADB)	WN
POLAND	WP
PORTUGAL	ZP
ROMANIA	WR
SLOVAKIA	WS
SLOVENIA	WL
SPAIN	YB
TURKEY	ZW
UNITED KINGDOM	ZK
UNITED STATES	ZZ

Code Sequence	
VD	LATVIA
VH	MONTENEGRO
WD	CROATIA
WE	ESTONIA
WH	HUNGARY
WI	LITHUANIA
WL	SLOVENIA
WN	NSPA (NADB)
WP	POLAND
WR	ROMANIA
WS	SLOVAKIA
WU	BULGARIA
WX	NSPA (NMCRL)
WZ	CZECH REPUBLIC
YB	SPAIN
YH	ALBANIA
ZB	BELGIUM
ZC	CANADA
ZF	FRANCE
ZG	GERMANY
ZK	UNITED KINGDOM
ZL	LUXEMBOURG
ZN	NETHERLANDS
ZP	PORTUGAL
ZR	ITALY
ZS	DENMARK
ZT	NORWAY
ZU	GREECE
ZV	ICELAND
ZW	TURKEY
ZX	NSPA (USER)
ZZ	UNITED STATES

Tier 2 sponsored non-NATO countries:

Country Sequence	
ARGENTINA	YF
AUSTRALIA	ZA
AUSTRIA	WB
BRAZIL	YA
COLOMBIA	YC
FINLAND	WF
INDIA	ZI
INDONESIA	YT
ISRAEL	YD
KOREA, REPUBLIC OF	ZH
MALAYSIA	YW
MOROCCO	YP
NEW ZEALAND	ZE
SERBIA	VS
SINGAPORE	YJ
SWEDEN	VK
UKRAINE	YR
UNITED ARAB EMIRATES	WG

Code Sequence	
VK	SWEDEN
VS	SERBIA
WB	AUSTRIA
WF	FINLAND
WG	UNITED ARAB EMIRATES
YA	BRAZIL
YC	COLOMBIA
YD	ISRAEL
YF	ARGENTINA
YJ	SINGAPORE
YP	MOROCCO
YR	UKRAINE
YT	INDONESIA
YW	MALAYSIA
ZA	AUSTRALIA
ZE	NEW ZEALAND
ZH	KOREA, REPUBLIC OF
ZI	INDIA

NOTES:

1. These codes are also used as :
- REFERENCE NUMBER ACTION ACTIVITY CODES (DRN 2900) ;
- SUBMITTER CODES (DRN 3720) ;
- DESTINATION ACTIVITY CODES (DRN 3880) ;
- ORIGINATOR CODES (DRN 4210).

2. The NATO MOE RULE No (DRN 8290) for international exchange of codification data is a four character code consisting of two alphabetic characters as given in the table above followed by a two digit non-significant number 01.

3. As for Luxemburg, all the transactions should be submitted by Belgium (MOE CODE ZB).

4. The above table includes MOE Codes to be used in the NATO Codification System for NATO and Tier 2 sponsored nation transactions.
- Refer to **CodSP-3** for a complete list of MOE Code assignments, including those reserved for other non-NATO countries.
- Refer to **CodSP-5** for a list of local MOE codes used in each nation, which indicate the national activity which has requested the addition of the reference (DRN 4210), or has acknowledged the possession or non-possession of a drawing or technical document (DRN 2900).

See DRN 2833 for format.

Table 20 - Item Standardization Code (ISC)

The Item Standardization Code reflects the result of a standardization decision taken for an individual item and provides for the categorization of items as authorized for procurement or not authorized for procurement.

Due to the fact that the majority of NATO countries do not output Segment E (Standardization Data) for the time being, no decision was taken related to the uniformity of the codes.

The Item Standardization Codes presently used by some countries are enumerated hereafter.

Code	Meaning	Explanation
0	Special Item	Items under the specification control of the Defense Treat Reduction Agency (DTRA) or National Security Agency (NSA)
1	Standard item authorized for procurement	Item designated as preferred item and accepted as replacement for one or more non standard item (Code 3)
2	Standard item authorized for procurement	Item designated as preferred item but which does not replace any other item
3	Non standard item no longer authorized for procurement	Item designated to be replaced by a standard item (code 1)
5	Item authorized for procurement	No standardization decision available. Item has not yet been subject to item standardization
6	Unique item authorized for procurement	Item that due to its singular occurrence ("one-of-a-kind") or other reasons is not subject to standardization from item reduction studies
7	Uncertified standard item authorized for procurement	Item provisionally designated as standard item (Code 1), however a final decision pending, e.g. due to lack of technical data
8	Former standard item no longer authorized for procurement	Previous standard item (Code 1 or 2) which has been replaced by another standard item (Code 1). Item as contained or required in a new or revised superseding specification or standard
B	New item authorized for procurement	A new item authorized for procurement, contained in a new or revised superseding specification or standard, that replaces prior items. This item will be assigned a Permanent System Control Number (PSCN) or, if a requirement exists, a National Stock Number (NSN).

Code	Meaning	Explanation
C	Item authorized for procurement	An item authorized for procurement that has been included in an item reduction study but an intelligent decision could not be made due to lack of sufficient technical data.
E	Item no longer authorized for procurement	An item no longer authorized for procurement which has been replaced by an item contained in a new or revised superseding specification or standard. The replacement item will be either a PSCN or, if a requirement exists an NSN.

See DRN 2650 for format.

Table 21 - Character Sub-set for the Exchange of NATO Codification Data

1. This table shows the characters the NATO or Tier 2 sponsored countries and agencies have agreed to use in the international exchange of codification data. The table gives the representation of each character in EBCDIC 9 track (odd parity) code with its hexadecimal interpretation.

2. Whilst this set of codes for character representation may not necessarily represent the same characters in each national character sub-set, those NATO or Tier 2 sponsored countries/agencies with characters that are different from this sub-set have agreed to make special arrangements to convert their character representation to that shown in this table when exchanging data with other NATO countries/agencies.

3. Countries with sets of characters not included in this table apply national conversion rules which are in principle in accordance with the ISO standard (see ISO/TC46/SC2 "Conversion of written languages").

4. As for the reference numbers specific rules are described in Chapter IV, Annex A.

5. With regards to Seg V characteristics data: the concerned symbols (plus, hyphen 'minus', degrees, fractions, …) have to be changed following the rules indicated in Chapter IV, Annex A.

Character and Name		EBCDIC 9 track code (odd parity)	Hexa-decimal interpreta-tion	Character and Name		EBCDIC 9 track code (odd parity)	Hexa-decimal interpreta-tion
	Space (blank)	0100 0000	40				
.	Period (Decimal Point)	0100 1011	4B				
(	Opening Parenthesis	0100 1101	4D				
+	Plus	0100 1110	4E				
&	Ampersand	0101 0000	50				
$	Dollar Sign	0101 1011	5B				
*	Asterisk	0101 1100	5C				
)	Closing Parenthesis	0101 1101	5D				
;	Semi-colon	0101 1110	5E				
-	Hyphen (Minus)	0110 0000	60				
/	Slant (Solidus)	0110 0001	61				
,	Comma	0110 1011	6B				
%	Percent	0110 1100	6C				
_	Underscore	0110 1101	6D				
?	Question Mark	0110 1111	6F				
:	Colon	0111 1010	7A				

Character and Name		EBCDIC 9 track code (odd parity)	Hexa-decimal interpreta-tion	Character and Name		EBCDIC 9 track code (odd parity)	Hexa-decimal interpreta-tion
#	Number Sign (crosshatch) (2)	0111 1011	7B				
@	Commercial At	0111 1100	7C				
'	Apostrophe	0111 1101	7D				
=	Equals	0111 1110	7E				
"	Quotation Marks	0111 1111	7F				
^	Caret (3)	1011 0000	B0				
A	Upper case	1100 0001	C1	a	Lower case (1)	1000 0001	81
B	Upper case	1100 0010	C2	b	Lower case (1)	1000 0010	82
C	Upper case	1100 0011	C3	c	Lower case (1)	1000 0011	83
D	Upper case	1100 0100	C4	d	Lower case (1)	1000 0100	84
E	Upper case	1100 0101	C5	e	Lower case (1)	1000 0101	85
F	Upper case	1100 0110	C6	f	Lower case (1)	1000 0110	86
G	Upper case	1100 0111	C7	g	Lower case (1)	1000 0111	87
H	Upper case	1100 1000	C8	h	Lower case (1)	1000 1000	88
I	Upper case	1100 1001	C9	i	Lower case (1)	1000 1001	89
J	Upper case	1101 0001	D1	j	Lower case (1)	1001 0001	91
K	Upper case	1101 0010	D2	k	Lower case (1)	1001 0010	92
L	Upper case	1101 0011	D3	l	Lower case (1)	1001 0011	93
M	Upper case	1101 0100	D4	m	Lower case (1)	1001 0100	94
N	Upper case	1101 0101	D5	n	Lower case (1)	1001 0101	95
O	Upper case	1101 0110	D6	o	Lower case (1)	1001 0110	96
P	Upper case	1101 0111	D7	p	Lower case (1)	1001 0111	97
Q	Upper case	1101 1000	D8	q	Lower case (1)	1001 1000	98
R	Upper case	1101 1001	D9	r	Lower case (1)	1001 1001	99
S	Upper case	1110 0010	E2	s	Lower case (1)	1010 0010	A2
T	Upper case	1110 0011	E3	t	Lower case (1)	1010 0011	A3
U	Upper case	1110 0100	E4	u	Lower case (1)	1010 0100	A4
V	Upper case	1110 0101	E5	v	Lower case (1)	1010 0101	A5
W	Upper case	1110 0110	E6	w	Lower case (1)	1010 0110	A6
X	Upper case	1110 0111	E7	x	Lower case (1)	1010 0111	A7

Character and Name		EBCDIC 9 track code (odd parity)	Hexa-decimal interpreta-tion	Character and Name		EBCDIC 9 track code (odd parity)	Hexa-decimal interpreta-tion
Y	Upper case	1110 1000	E8	y	Lower case (1)	1010 1000	A8
Z	Upper case	1110 1001	E9	z	Lower case (1)	1010 1001	A9
0	Zero	1111 0000	F0				
1		1111 0001	F1				
2		1111 0010	F2				
3		1111 0011	F3				
4		1111 0100	F4				
5		1111 0101	F5				
6		1111 0110	F6				
7		1111 0111	F7				
8		1111 1000	F8				
9		1111 1001	F9				

NOTES:

(1) Only upper cases are allowed for the exchanges. Lower cases can't be used unless it is expressly indicated in the data.

(2) The number sign (crosshatch) symbol (#) is also used as the Data Element Terminator Code - DETC- (DRN 8268) to signify the end of a variable or fixed data element. It must not be used as a character within any of the Segments 8, M, Q, R and V. (c.f. NOTE 1 to TABLE 04 – Special Characters for Control)

(3) The Caret symbol (^) may be used within the KHN NAM data group to indicate a hard "Line Feed" character within the NAM data of the source NCB. Receiving NCBs may either interpret the Caret as a single space, or use it to format printed/displayed NAM in the same format as the source NCB. It must not be used as a character within any other data exchanged via any of the Segments in NADEX.

Table 22A - Segments which do affect the NATO File Maintenance Sequence Number -NFMSN- (DRN 1516)

All maintenance operations on the Segments below increase the NFMSN (DRN 1516)

Segment	Title
A	Identification Data
B	MOE Rule Data
C	Reference Data
E	Standardization Relationship Data
K	Item Identification Status/Cancellation Data
M/V	(De)coded Characteristics Data

Table 22B - Segments which do not affect the NATO File Maintenance Sequence Number -NFMSN- (DRN 1516)

All maintenance operations on the Segments below do not increase the NFMSN (DRN 1516)

Segment	Title
G	Freight Data
H	Material Management Data
W	Packaging Data

Table 23 - NCAGE Data Prefix Code (NCAGEDPC)

TABLE 23A

This is the **name data** for all NCAGE records, "**M"** is a mandatory field and "**O"** is optional or as required.

Prefix Code	Explanation	Maximum Length	Entry Require-ments
NAM	Name of the NCAGE	190	M

NOTE: Refer to Sub-Section 543, DRN 9566 (NCAGE DATA GROUP) for the "Name data" format recorded in the NAM field.

TABLE 23B

An active NCAGE must have one Physical Address. The data fields required to record the Physical Address are:

Prefix Code	Explanation	Maximum Length	Physical Address
ST1	First line of Street Address, Physical Address	38	M
ST2	Second line of Street Address, Physical Address	38	O
PSC	Post Code, Physical Address (Zip Code in US)	38	M
CIT	City, Physical Address	38	M
STE	State or Province (US and Canada only – field limited to two columns; see Sub-Section 553, Table 137)	38	O
STT	State, Province, Region or County (other than US and Canada)	38	O
CTR	NATO "3-letter" Country Code according to ISO 3166-1	3	M ~~(6)~~

The Postal Address of an active NCAGE is optional. If a Postal Address is provided, then the data fields required to record the Postal Address are:

Prefix Code	Explanation	Maximum Length	Postal Address
POB	Post Office Box Number	38	O
PCS	Post Code**,** Postal Address	38	M
PCC	City, Postal Address	38	M

Prefix Code	Explanation	Maximum Length	Postal Address
STE	State or Province (US and Canada only – field limited to two columns; see Sub-Section 553, Table 137)	38	O
STT	State, Province, Region or County (other than US and Canada)	38	O
CTR	NATO “3-letter” Country Code according to ISO 3166-1	3	M (6)

TABLE 23C

These fields are used to record data which **adds value** to the KHN record.

Prefix Code	Explanation	Maximum Length	Entry Require-ments
TEL	Voice telephone number. If multiple numbers apply, a structure like 135724 TO 28 AND 123456 may be used. It means: 1. If there is a telephone number range to add to the prefix TEL, they must be denoted by the characters “TO“ **Example:** 135724TO28 (from 135724 up to 135728) 2. If there are multiple telephone numbers to add to the prefix TEL, they must be denoted by the characters “AND“ **Example:** 135724AND135728 (135724 and 135728)	50	O
FAX	Telefax number	50	O
IDN	National Identification Number	50	O (5)
EMA	E-Mail Address	50	O (4)
WWW	Website Address	50	O (4)
BAR	Global Location Number (GLN Code) allocated to Manufacturers, Non-Manufacturers and Organisations by the private company GS1 to identify their locations. GLN is a key concept in EDI (Electronic Data Interchange). If there are multiple GLN codes to add to the prefix BAR, they must be denoted by the character “+” **Example:** 8435398600044+8410086000009+8411940000005	50	O

Prefix Code	Explanation	Maximum Length	Entry Require-ments
UNS	The United Nations Standard Products and Services Classification (UNSPSC) is a coding system of classifying and naming products and services used in electronic commerce. It is maintained by GS1 US. If there are multiple United Nations Standard Products and Services Codes (UNSPSC) to add to the prefix UNS, they must be denoted by the character "+" **Example:** 44101501+25101509	50	O
SIC	National Standard Industrial Classification Code to be used not only by US or Canada but also by other countries: for example "NAF" code in France. If there are multiple National Standard Industrial Classification codes to add to the prefix SIC, they must be denoted by the character "+" **Example:** 1234+4568+2124	50	O
NAI	North American Industrial Classification System (NAICS): The official system of industrial classification for the United States, Canada and Mexico. Will gradually replace the national Standard Industrial Code (SIC) systems used in the US and Canada.	50	O
NAC	(NACE) Nomenclature générale des Activités économiques dans la Communauté européenne or Classification System of Economic Activities (European Union). If there are multiple NACE codes to add to the prefix NAC, they must be denoted by the character "+" **Example:** ~~1234+5759+1682~~12+463+4726	50	O (3)
CPV	(CPV) Common Procurement Vocabulary Code; Classification System used for electronic tendering via Internet (European Union). If there are multiple CPV codes to add to the prefix CPV, they must be denoted by the character "+" **Example:** 35126000-3+30199761-2+72212772-1+30216130-6	50	O
RP1	Replacement NCAGE Code No. 1	5	(1) (2)
RP2	Replacement NCAGE Code No. 2	5	(1) (2)
RP3	Replacement NCAGE Code No. 3	5	(1) (2)
RP4	Replacement NCAGE Code No. 4	5	(1) (2)
RP5	Replacement NCAGE Code No. 5	5	(1) (2)

NOTES (TABLE 23A – 23B – 23C) :

(1) Prefix Code RP1 is mandatory for all NCAGE Codes where the Status Designator Code is "R".

(2) Prefix Codes RP1 to RP5 are not authorized for NCAGE codes when the Status Designator Code is not "R".

(3) The full NACE code is a variable length alphanumeric string with punctuation marks included. ~~The unique identifying part of this code, relating the code to the class of the activity, can however be expressed with the four digits representing the class of the NACE code.~~ In order to facilitate searches in NMCRL, NCB's are requested to use only ~~these~~ two to four digits to identify a NACE code.

(4) The lower cases can be used for the information included in this data.

(5) It is recommended to fill in the IDN value. This data must be according to "CodSP-83: IDN (National Identification Number) use and format in national KHN data"

~~(6) Note that the NATO code "FYR" used for " the Former Yugoslav Republic of Macedonia(*) " is explicitly different from the ISO code "MKD".~~

GENERAL NOTE:

The number sign (crosshatch) symbol (#) is used as the Data Element Terminator Code -DETC- (DRN 8268) to signify the end of a variable or fixed data element. It must not be used as a character in any of the NCAGE data fields. (c.f. NOTE 1 to TABLE 04 – Special Characters for Control and NOTE 2 to TABLE 21 - Character Sub-set for the Exchange of NATO Codification Data)

See DRN 9565 for format

~~(*) *Turkey recognizes the Republic of Macedonia with its constitutional name*~~

Table 24 - NCAGE Status Designator Code (NCAGESD CODE)

A code which designates a specific status condition related to a manufacturer.

Code	Definitions
A	ACTIVE RECORD: The entity is currently active.
C	ACTIVE SPEZIALIZED USE RECORD: Do not use for codification purposes. Use the NCAGE Code as indicated. Used by the procurement officials in cases where the design control entity is different from the manufacturer. **Note**: For UK and US use only
E	ACTIVE RECORD BUT DEBARRED IN USA: The entity shown is debarred, suspended or proposed for debarment in the U.S. **Note**: After the entity's eligibility has been reinstated, the status code will be changed to Y to indicate that the entity is active. Debarred NCAGEs may be considered active records for all countries except the U.S. and the U.S. will assign NSNs to debarred NCAGEs at the request of other countries.
F	OBSOLETE RECORD: Entity/record is no longer current or in use under the NCAGE designated "Obsolete". Location of entity unknown. Reference Numbers may still be recorded in the TIR.
H	OBSOLETE RECORD: Entity/record is no longer current or in use under the NCAGE designated "Obsolete". Entity has been discontinued and/or NCAGE Code no longer required. Reference Numbers with the same NCAGE Code may still be recorded in the TIR. Differs from Status Designator F in that information about the entity is known.
M	ACTIVE SPECIALIZED USE RECORD: NCAGE Code is referenced to a special numbering system, developed by the Government, used in conjunction with the identification of codification data in the NCS. This code is used only by Canada, Denmark and the United States. **Note**: For US use only
N	CANCELLED WITHOUT REPLACEMENT RECORD: Entity is defunct and/or NCAGE Code is no longer required. No Reference Numbers recorded in the NCS.
P	CANCELLED WITHOUT REPLACEMENT RECORD: Location of entity unknown. No Reference Numbers recorded in the NCS. Differs from Status Designator "N" in that information about the entity is not known.
R	REPLACED OR CONVERTED RECORD, WITH REPLACEMENT: Entity discontinued and replaced by one or more successor firm(s) or the NCAGE has been converted from a generic code with an "S" prefix to a national NCAGE assigned by the nation where the entity is located. Refer to replacement NCAGE Code(s).

Code	Definitions
T	ACTIVE SPECIALIZED USE RECORD: Entity is a Joint Venture Company. **Note**: For SPAIN use only
U (Type O.E. Code “F” only)	ACTIVE SPECIALIZED USE RECORD: Code is assigned to an entity that represents other companies for various reasons. The company being represented will usually have their own specific NCAGE Code assigned. (Do not use for cataloguing purposes). **Note**: For US use only
W (Type O.E. Code “F” only)	ACTIVE SPECIALIZED USE RECORD: NCAGE Code assigned to an individual employed by a company where that individual performs contracted work in his own name separate from the company location. Address on this record may be different than the address of the company itself. (Do not use for cataloguing purposes). **Note**: For US use only
Y	ACTIVE SPECIALIZED USE RECORD: NCAGE Code assigned to an entity still actively engaged in business operations; however, the entity no longer wishes to be considered for contracting or sells its products only through distributors. (Do not use for procurement purposes).

See DRN 2694 for format.

Table 25 - US Foreign/Domestic Designator Code (US F/DDC)

A code strictly designed for U.S. and Canadian use, recorded on a NCAGE with structure #***# only, to reflect the geographical location of the entity.

Code	Explanation
1	U.S. NCAGE (#***#) with location of the entity **within the USA** (includes Alaska, Hawaii, and U.S. possessions)
2	U.S. NCAGE (#***#) with location of the entity **outside the USA**
3	Canadian NCAGE (#***#)

See DRN 4235 for format.

Table 26 - Transaction Status Code (TSC)

A code used in the resultant outputs of follow-up interrogations to identify the current status of a previously submitted transaction for which output had not been received by the submitter.

Code	Definition	Instructions	Output
NA	Submittal is not reflected on NCB transaction history file data	Review file data, except for follow-up of LSA, and take appropriate action	a. DIC KFN(1) (Seg OH + R) b. DIC KFE, KFS, KIR or KTN with current TIR segments
NB	Submittal is in process	Normal output data will follow upon completion of processing	a. DIC KFN (Seg OH + R) b. DIC K27(3) (Seg L+R)
NC	Submittal has been processed	Review file data and take appropriate action	a. DIC KFN(2) (Seg OH + R) b. DIC K27(3) (Seg L + R) c. DIC KFE, KFS, KIR or KTN with current TIR segment or d. DIC KRE (Seg P or Q)
ND	Request for Codification (LSA) was returned under DIC K27.	Reason for reject is given under DIC K27: study mentioned reasons.	a. DIC KFN (Seg OH + R) b. DIC K27(3) (Seg L+ R)
NF	Submittal matched Nuclear Ordnance item and is in process	Normal output data will follow upon completion of processing	DIC KFN (Seg OH + R)
NG	Request for codification (LSA) was returned under DIC KSR/KMR/KMP	LSA has to be re-transmitted under a new DCN.	DIC KFN (Seg OH + R)

NOTES :

(1) If Transaction Status Code NA is contained in a DIC KFN output package, TIR file data under DIC KFE, KFS, KIR or KTN will be included in the same package when the submittal contains a NIIN.

(2) If Transaction Status Code NC is contained in a DIC KFN output package, TIR file data under DIC KFE, KFS, KIR or KTN will be included in the same package when the submittal contains a NIIN. When the submittal does not contain a NIIN, KFN will be followed by KRE Segment P or Q of the LSA reject results.

(3) DIC K27 - When available.

See DRN 0854 for format.

Table 28 - Using Service Code (USI SERV CODE)

A code used to differentiate between Service, Integrated Material Manager, Lead Service and Civil Agency Catalog Management Data.

Code	Explanation
A	Army
B	Federal Aviation Administration
C	Coast Guard
D	Lead Service (Military Service Activity) - 06 (Consumable)
F	Air Force
G	General Services Administration (Civil Agencies)
I	Integrated Materiel Manager
L	Lead Service
M	Marine Corps
N	Navy
V	Veterans Administration (Civil Agencies)
W	National Weather Service
X	Abbreviated Segment H

See DRN 0745 for format.

Table 29 - Shelf-Life Code

A code indicating the storage time period or perishability of an item. This data is given by one character which may be alpha, numeric or a symbol.

Type I - An item of supply which is determined through an evaluation of technical test data and/or actual experience to be an item with a definite non-extendible period of shelf-life.

Type II - An item of supply having an assigned shelf-life time period that may be extended after completion of inspection/test/restorative action.

Storage Time Sequence		
Storage Time Period	**Code**	
	Type I	**Type II**
Non-deteriorative	0	0
1 Month	A	
2 Months	B	
3 Months	C	1
4 Months	D	
5 Months	E	
6 Months	F	2
9 Months	G	3
12 Months	H	4
15 Months	J	
18 Months	K	5
21 Months	L	
24 Months	M	6
27 Months	N	
30 Months	P	
36 Months	Q	7
48 Months	R	8
60 Months	S	9
72 Months	I	

Code Sequence		
Code		**Storage Time Period**
Type I	**Type II**	
0	0	Non-deteriorative
A		1 Month
B		2 Months
C	1	3 Months
D		4 Months
E		5 Months
F	2	6 Months
G	3	9 Months
H	4	12 Months
I		72 Months
J		15 Months
K	5	18 Months
L		21 Months
M	6	24 Months
N		27 Months
P		30 Months
Q	7	36 Months
R	8	48 Months
S	9	60 Months

Storage Time Sequence		
Storage Time Period	**Code**	
	Type I	**Type II**
84 Months	T	
96 Months	U	
Variables such as: 90, 132, 216, 228 etc. Months or any other number of months not specifically assigned	V	
120 Months	W	
180 Months	Y	
240 Months	Z	
Shelf-Life Period Greater than 60 Months for Type II Extendible Items.		X

Code Sequence		
Code		**Storage Time Period**
Type I	**Type II**	
T		84 Months
U		96 Months
V		Variables such as: 90, 132, 216, 228 etc. Months or any other number of months not specifically assigned
W		120 Months
Y		180 Months
Z		240 Months
	X	Shelf-Life Period Greater than 60 Months for Type II Extendible Items.

See DRN 2943 for format.

Table 30 - Phrase Codes (PHRASE)

Definition

A single alphanumeric code assigned to a phrase used in the management data list to denote changes and/or relationships between NSNs and Reference Data, e.g. Technical Document Number, Quantitative Expression etc.

Usage

Common, except as indicated under columns code and explanation below.

Code	Phrase	Explanation	Users actions
A	Consolidated with (NSN)	Indicates that the item represented by the NSN in the Input/Output Header is to be consolidated with the item represented by the NSN in Segment H. The items of supply are identical or completely interchangeable and will be issued under the NSN in Segment H. **Note** : the NIIN must always change. The NSC may or may not change. **Note for USA** : This phrase is responsive to action either by DLA Logistics Information Service, in accordance with the Volume 4, Chapter 4.10 of the FLIS Procedures Manual, or by an inventory manager reflecting a stock number preference for the NSN in Segment H.	Stocks are immediately consolidated under the NSN quoted as related NSN.
B (NATO except USA)	Interchangeable with and managed under (NSN)	Indicates that the item represented by the NSN in the Input/Output Header and the item represented by the NSN in Segment H are completely interchangeable. However, the NSN in Segment H is preferred for management. (NATO use except USA).	Use stocks under this NSN until exhausted and use there after the NSN quoted as related NSN.
C	Cancelled Replaced by (NSNs)	Indicates that the NSN in the Input/Output Header was assigned to more than one item of supply in error. All holders of stocks must physically re-identify stocks on hand to the appropriate NSNs reflected in the Segment H as replacement item(s). Special instructions to stock holder may be furnished by a Service-generated or Agency-generated Phrase Code R.	Physical review of stocks on hand in order to segregate the items for stockage on the correct NSNs quoted as Related NSNs. Dispose of stocks no longer valid for usage after segregation in accordance with eventual instructions given.

Code	Phrase	Explanation	Users actions
D	Change to (NSC)	Indicates that the NSC for the item in the Input/Output Header has to be changed to the NSC for the item in Segment H.	Change the class for this NSN to the class quoted in the related NSN and re-label stocks accordingly. Make consolidation, if stocks of both former and new NSNs are held.
E	Replaced by (NSN)	Indicates the item represented by the NSN in the Input/Output Header has been replaced by the interchangeable preferred item represented by NSN in the Segment H (stocks will be used until exhausted). **Must** be used in combination with Phrase Code G addressed to NSN in the Segment H.	Use stocks under this NSN until exhausted and use thereafter the NSN quoted as related NSN.
F	When exhausted use (NSN)	Indicates that the item represented by the NSN in the Input/Output Header is replaced by the preferred item represented by the NSN in Segment H. This code indicates one-way substitution. **Note for USA** : must be used in combination with Phrase Code 7 where PICA LOA is 01, 02, 06, 22 or 23.	Use stocks under this NSN until exhausted and use thereafter the NSN quoted as related NSN.
G	Use (NSN) until exhausted	Indicates that the item represented by the NSN in the Input/Output Header is the replacement for and is interchangeable with the item in Segment H. The replacement item will not be issued until the supply of the replaced item is exhausted. **Must** be used in combination with Phrase Code E.	Use eventual stocks of the NSN quoted as related NSN before using the stocks under this NSN. Requisition on the related NSN.
H	Suitable substitute (NSN)	Indicates that the item represented by the NSN in Segment H is an authorized substitute for the item represented by the NSN in the Input/Output Header.	Record the relationship and review the related NSN for usage in case of shortage of the item under this NSN. Requisition on relevant NSN in accordance with consumption.

Code	Phrase	Explanation	Users actions
I (NATO except USA)	Limited interchangea-bility with (NSN)	Indicates that the item represented by the NSN in the Input/Output Header and the item represented by the NSN in Segment H are interchangeable within limitations, for example, colour difference. (NATO use except USA).	Record the relationship and review the related NSN for usage in case of shortage of the item under this NSN. Requisition on relevant NSN in accordance with consumption.
J	Interchangeable with (NSN)	Indicates that the item represented by the NSN in the Input/Output Header and the item represented by the NSN in Segment H are completely interchangeable. Preferred item relationship is not implied, and stocks under the NSNs will not be consolidated.	Record the relationship and review the related NSN technically for usage in case of shortage of the item under this NSN. Requisition on relevant NSN in accordance with consumption.
K	U/I contains (quantity and unit of measure [U/M])	Indicates that the item represented by the NSN in the Input/Output Header is assigned a nondefinitive Unit of Issue. Data reflected in Segment H specifies the content of the nondefinitive unit of issue.	Verify that the management of stocks is performed on the correct Unit of Issue, quantity and Unit of Measure. Verify consumption data in case of changes in order to enable correct requisitioning.
L	Superseded by (NSN)	Indicates that the item represented by the NSN in the Input/Output Header is to be discontinued and replaced by the item represented by the NSN in Segment H. Dispose of materiel on hand or subsequently received. **Note for USA** : AAC N, V or Y must be submitted/recorded with this Phrase Code.	Stop usage of this NSN. Dispose of materiel in stock in accordance with disposition instructions received. Requisition replacement on NSN indicated as related NSN, if necessary.

Code	Phrase	Explanation	Users actions
M	Breakdown into (NSNs)	Indicates that the item represented by the NSN in the Input/Output Header is no longer stocked as an assembly. This phrase will be applied to an item when it is desired to break down assemblies into sub-assemblies and attaching parts, groups of items into single items, or any two or more items that should not be binned together under one stock number. Support will be provided by the NSNs represented in Segment H. Multiple entries will be required for NSNs and may be required for document entries. See DoD 4100.39-M, Volume 6, Paragraph 6.2.1.k(3) (a&b) before using.	Record the information on this NSN. Break down the materiel held in stock in accordance with instructions, if needed, and store individually under NSNs given as related NSNs. Requisition individual items in assembly/kit in future.
N	Disposal	Indicates that the item represented by the NSN in the Input/Output Header is no longer a required item of supply. Dispose of stock in accordance with current instructions. **Note for USA** : AAC N, V or Y must be submitted/recorded with this Phrase Code.	Dispose of stocks in accordance with current instructions. If item is still needed requisition with justification.
O (Alpha-betic)	Replaced by, subject to modification of (NSN)	Indicates that the item represented by the NSN in the Input/Output Header can be replaced by the NSN in Segment H subject to specific modification/amendment of the replacement item. (NATO use except USA)	Record the information and use it in case of shortage of this NSN. Remember, that modification of related NSN is required prior to usage. Requisition on this NSN in accordance with consumption.
P	Use Assembly Assortment or Kit (NSN)	Indicates that the item represented by the NSN in the Input/Output Header is not, or will no longer be, stocked as an individual item of supply. Requisition the next higher assembly assortment, or kit represented by the NSN in Segment H. See DoD 4100.39-M, Volume 6, Paragraph 6.2.1.k(3) (a&b) before using.	Use this NSN until exhausted and use thereafter the NSN quoted as related NSN.

Code	Phrase	Explanation	Users actions
Q	Fabricate or Assemble	Indicates that the item represented by the NSN in the Input/Output Header is not, or will no longer be, centrally stocked. Fabricate or assemble from components listed in the technical document reflected in Segment H or represented by the NSNs in Segment H.	Use this NSN until exhausted, then fabricate/assemble from components listed in the technical documentation quote as documentation. Can only be reordered, if local manufacture is impossible. Special justification must be given.
R	Refer to (Technical Document)	Indicates that the item represented by the NSN in the Input/Output Header required special handling as specified in the technical document listed in Segment H.	Record the information for usage when handling the item under this NSN.
S	Stocks as (NSNs)	Indicates that the item represented by the NSN in the Input/Output Header is applicable to the item catalogued for authorization and procurement purpose. When manufacturer's name and identification become known for each new procurement source, the additional NSN(s) is reflected in Segment H.	This NSN is used for temporary recording for management purposes only. Record final information on NSN/NSNs quoted as related NSN/NSNs.
T	Condemned	Indicates that the item represented by the NSN in the Input/Output Header has been condemned and its use is prohibited. Disposal will be in accordance with Service/Agency directives. The replacement NSN, if applicable, is represented by the NSN in Segment H. **Note for USA** : AAC T must be submitted/recorded with this Phrase code. See DoD 4100.39-M, Volume 6, Paragraph 6.2.1.k(3) (a&b) before using.	Stop usage of this NSN immediately. Dispose of materiel on hand in accordance with established directives. Requisition replacement on NSN indicated as related NSN, if necessary.
U	Associated with (Master NSN, I&S Family)	Indicates that the item represented by the NSN in the Input/Output Header is in an I&S family, that is managed by a Primary Inventory Control Activity (in USA with LOA 06, 22 or 23), which has no user/retail interest in the item but management interest only (the master NSN appears in Segment H).	Use stocks under this NSN until exhausted and use thereafter the NSN/NSNs quoted in the I&S family, in which the NSN indicated as related NSN is the master.

Code	Phrase	Explanation	Users actions
U (NATO except USA)	Conditionally replaced by NSNs	Indicates that the item represented by the NSN in the Input/Output Header can be replaced by the items represented by the NSNs in Segment H subject to packaging constraints of the supplier (applies mainly to French Navy items). (NATO use except USA).	Record the relationship and use it in case of shortage of the described NSN. Remember, that the relationship is conditional and therefore needs to be carefully evaluated prior to any usage.
V	Discontinued without Replacement	Indicates that the item represented by the NSN in the Input/Output Header is to be discontinued without replacement. Stocks on hand will be issued and used until exhausted. **Note for USA** : AAC N, V or Y must be submitted/recorded with this Phrase Code.	Use of the item continues. Review the future requirements and order the item until final information of non-availability is received.
W (NATO except USA)	Replacement except for aeronautical use	Indicates that the item represented by the NSN in the Input/Output Header may be replaced by the item represented by the NSN in Segment H, except for aeronautical use (NATO use except USA).	Record the relationship and use it in case of shortage of the described NSN. Remember, that the relationship is not valid for aeronautical use.
X	Formerly (NSC)	Indicates that a NSC number change has occurred to the NIIN and the former NSC reflected in the related data field of the Segment H record.	Verify that all stocks on the NSN given as related NSN have been transferred to this NSN
Y	Equivalent to (NSN)	Indicates that the item represented by the NSN in the Input/Output Header has physical and performance characteristics identical to the item represented by the NSN in Segment H. The items of supply differ only in the unit quantity and/or Unit of Issue. Multiple records may be required.	Record the relationship and use it in case of shortage of the described NSN. Remember that the items of supply differ in unit quantity and/or Unit of Issue.
Z	Discontinued use (NSN)	Indicates that the item represented by the NSN in the Input/Output Header is to be discontinued and replaced by the NSN in Segment H. Stock will be issued until exhausted. **Note for USA** : AAC N, V or Y must be submitted/recorded with this Phrase Code.	Use stocks under the described NSN until exhausted and use thereafter the NSN quoted as related NSN.

Code	Phrase	Explanation	Users actions
0 (numeric) (US Marine Corps only)	Reversal of Phrase Code Z	USA explanation : Marine Corps use only. Explanation for NATO except USA as no explanation is contained in the FLIS Procedure Manual : indicates that the item represented by the NSN in the Input/Output Header is the replacement for the discontinued item quoted in Segment H.	Verify that the item under the NSN quoted as related NSN is used prior to use of the described NSN.
1 (NATO except USA)	Changed to (NSN) after NAMWO	Indicates that the NSN for the item in the described NSN column is changed to the NSN in the Related NSN column after the application of the NSPA Modification Works Order -NAMWO- represented in the reference document column of the Weapon System Interchangeable and Substitute List, or similar. **Notes** : (1) This phrase applies, in principle, to assemblies only. (2) This phrase is used by the NATO HAWK Weapon System outside US usage only. (NATO use except USA).	Verify if there is a need for the described NSN after application of the NAMWO given in the Weapon System Interchangeable and Substitute List or similar as this changes the item to the NSN given as Related NSN.
2 (US Army Only)	When exhausted use NSN with Phrase Code 4.	USA explanation : Army use only. Explanation for NATO except USA as no detailed explanation is contained in the FLIS Procedures Manual : Indicates that the Item represented by the NSN in the input/output header has been replaced by the preferred item represented by the NSN in Segment H. This code indicates one-way substitution. **Note** : Must be used in combination with Phrase Code 4.	Use stocks under this NSN until exhausted and use thereafter the NSN quoted as related NSN.
2 (US Marine Corps only)	Reversal of Phrase Code H	USA explanation : Marine Corps use only. Explanation for NATO except USA as no explanation is contained in the FLIS Procedure Manual : indicates that the item represented by the NSN in the Input/Output Header a suitable substitute for the item quoted in Segment H. **Note** : Preferred relationship has not been established.	Record the relationship for eventual usage in case of shortage of the NSN given as Related NSN.

Code	Phrase	Explanation	Users actions
2 (NATO except USA)	Limited Usage	Indicates that the related NSN/PN (when used exceptionally as stock number) has been replaced by the described NSN/PN for improvement purposes. The related NSN/PN shall not be used in lieu of the described NSN/PN. **Notes** : (1) This phrase applies to component part only. (2) This phrase is used by the NATO HAWK Weapon System outside US usage only. (NATO use except USA)	Review, if stocks of Related NSN are available and can be used. Otherwise requisition replacement on the described NSN.
3	Reversal of Phrase Code S	Indicates that the item represented by the NSN in the Input/Output Header is the (physical) item of production in an I&S generic relationship (the generic master NSN appears in Segment H). Must be used in combination with Phrase Code S.	Review, if stocks are held on the Related NSN, in which case they should be transferred to the described NSN or to other NSNs in accordance with Phrase Code S information against the NSN quoted as Related NSN.
3 (NATO except USA)	Changed from after NAMWO (Reversal of Phrase Code 1)	Indicates that the NSN for the item in the described NSN column has been established after application of the NSPA Modification Work Order -NAMWO- represented in the Reference Document Column of the Weapon System Interchangeable and Substitute List or similar to the item represented by the NSN in the Related NSN column. **Notes** : (1) This phrase applies, in principle, to assemblies only. (2) This phrase is used by the NATO HAWK Weapon System outside US usage only. (NATO use except USA)	Review, if stocks under the related NSN need to be modified with subsequent storage under the described NSN.

Code	Phrase	Explanation	Users actions
4 (US Army only)	Reversal of Phrase Code 2	USA explanation : Army use only. Explanation for NATO except USA as no detailed explanation is contained in the FLIS Procedures Manual : Indicates that the item represented by the NSN in the input/output header is the preferred replacement for the item in segment H. The replacement item will be issued when the supply of the replaced item is exhausted. **Note :** Must be used in combination with Phrase Code 2.	Use stocks on NSN quoted as related NSN before using stocks-under the described NSN.
4 (US Marine Corps only)	Reversal of Phrase Code A	USA explanation : Marine Corps use only. Explanation for NATO except USA as no explanation is contained in the FLIS Procedures Manual : indicates that the NSN in the Input/Output Header represents the current NSN for an item, which has been consolidated with the NSN given in Segment H. **Note** : The items are identical or are completely interchangeable, and must be managed under one NSN.	Verify that stocks on the related NSN have been consolidated with the described NSN.
4 (NATO except USA)	GFE (Government Furnished Equipment)	Indicates that the item represented by the NSN in the described NSN column is a Government Furnished Equipment -GFE-. The supply of this item is a national responsibility. **Note** : This phrase is used by the NATO HAWK Weapon System outside US usage. (NATO use except USA).	Record the information in order to ensure that item is always issued from national stocks. Requisition externally only in case of un-availability and give exception data.
5 (US Marine Corps only)	Reversal of Phrase Code L	USA explanation : Marine Corps use only. Explanation for NATO except USA as no explanation is contained in the FLIS Procedures Manual : indicates that the item under the NSN in the Input/Output Header represents a valid substitute for the discontinued NSN given in Segment H.	Verify that stocks of the NSN quoted as related NSN have been disposed of in accordance with Phrase Code L.

Code	Phrase	Explanation	Users actions
5 (US Air Force only)	Matched components, do not stock separately	USA explanation : Marine Corps use only. Explanation for NATO except USA as no explanation is contained in the FLIS Procedures Manual : indicates that the NSN in the Input/Output Header covers matched components, which may not be separated for usage/stockage.	Record this Phrase Code and verify stocks to ensure that stocks are not separated as the items are matched.
5 (US Army only)	When exhausted use NSN with Phrase Code 6	USA explanation : Army use only. Explanation for NATO except USA as no detailed explanation is contained in the FLIS Procedures Manual : Indicates that the item represented by the NSN in the input/output header has been replaced by the preferred item represented by the NSN in segment H. This code indicates one-way substitution. **Note** : Must be used in combination with Phrase Code 6.	Use stocks under this NSN until exhausted and use thereafter the NSN quoted as related NSN.
5 (NATO except USA)	Use for	Indicates that the NSN in the Input/Output Header is not stocked as a spare part and that the related item given in Segment H is to be used and requisitioned in lieu of that item. **Notes** : (1) This phrase applies to component parts only. (2) This phrase is used by the NATO HAWK Weapon System outside US usage only. (NATO use except USA)	Record the relationship for use in case of requisitions for this NSN. Issue the NSN quoted as related NSN as replacement for the described NSN.
5 (Spanish Navy only)	Spanish Navy specific data	• Invoicing unit • Estimated Quantity of invoicing unit per unit of issue • INE Subclass • Applicable VAT • Applicable IGIC	
6 (US Marine Corps only)	Reversal of Phrase Code T	USA explanation : Marine Corps use only. Explanation for NATO except USA as no explanation is contained in the FLIS Procedure Manual : indicates that the NSN in the Input/Output Header is the replacement for a condemned item identified under the NSN in Segment H.	Verify that stocks of the NSN quoted as related NSN have been disposed of in accordance with Phrase Code T.

Code	Phrase	Explanation	Users actions
6 (US Air Force only)	For initial installation or initial issue only	USA explanation : Air Force use only. Explanation for NATO except USA as no explanation is contained in the FLIS Procedures Manual : indicates that the item represented by the NSN in the Input/Output Header is for initial installation/issue only.	Record the information as only initial issue should be made.
6 (US Army only)	Reversal of Phrase Code 5	USA explanation : Army use only. Explanation for NATO except USA as no detailed explanation is contained in the FLIS Procedures Manual : Indicates that the item represented by the NSN in the input/output header is the preferred replacement for the item in segment H. The replacement item will be issued when the supply of the replaced item is exhausted. **Note** : Must be used in combination with Phrase Code 5.	Use stocks on NSN quoted as related NSN before using stocks under the described NSN.
6 NATO except USA	Deleted after NAMWO	Indicates that after application of the NSPA Modification Work Order -NAMWO- represented in the Reference Document/Remarks column of the Weapon System Interchangeability and Substitutability List or similar the item represented by the NSN in the Input/Output Header is no longer used in the system. **Note** : This phrase is presently used by the NATO HAWK Weapon System outside US usage only. (NATO use except USA).	Verify, if the item is still required after execution of the modification contained in the NAMWO quoted in the Weapon System Interchangeability and Substitutability List or similar.
6 (Spanish Navy only)	Vendor data	Indicates the vendors [legal person (company) or natural person, that is the source of supply of an item, and where to address orders thereof] associated to the item represented by the Input/Output Header, and the acquisition and distribution price associated therewith.	

Code	Phrase	Explanation	Users actions
7	Use (NSN) until exhausted	Indicates that the item represented by the NSN in the Input/Output Header is the preferred replacement item Master NSN in the I&S family and is substitutable for the item(s) in Segment H. Use the item represented by the NSN in Segment H if technically acceptable for your specific application. The replacement item, master NSN in the I&S family, will be issued when the supply of the replaced item(s) is exhausted. Must be used in combination with Phrase Code F.	Use stocks on NSN quoted as related NSN before using stocks under the described NSN.
8 (US Marine Corps only)	Reversal of Phrase Code Q	USA explanation : Marine Corps use only. Explanation for NATO except USA as no explanation is contained in the FLIS Procedures Manual : indicates that the item represented by the NSN in the Input/Output Header is used to fabricate or assemble the item/items represented by the NSN/NSNs in Segment H or as listed in a technical document.	Verify that the NSN/NSNs quoted as related NSN/NSNs is/are marked as being fabricated or assembled from the described NSN
8 (NATO except USA)	Specific data	Indicates that for the item represented by the NSN in the segment H additional data are shown in columns 43-58 of the third record. (NATO use except USA)	
9 (US Marine Corps only)	Reversal of Phrase Code P	USA explanation : Marine Corps use only. Explanation for NATO except USA as no explanation is contained in the FLIS Procedures Manual : indicates that the NSN in the Input/Output Header represents a next higher assembly, assortment, or kit, which has replaced items identified by the NSN/NSNs quoted in Segment H.	Verify that the NSN/NSNs quoted as related NSN/NSNs is/are marked that it/they will be replaced by the next higher assembly, assortment or kit identified by the described NSN
9 (US Air Force only)	When exhausted, use NSN and NSN	USA explanation : Air Force use only. Explanation for NATO except USA as no explanation is contained in the FLIS Procedures Manual : indicates that the item represented by the NSN in the Input/Output Header is replaced by the 2 NSNs given in Segment H.	Use the described NSN until exhausted and use thereafter the two NSNs quoted as related NSNs.
& (Spanish Navy only)	Repair with (NSN)	Indicates that the item represented by the NSN in the Input/Output Header is used to repair the item represented by the NSN in Segment H	Use this NSN to repair the item

Code	Phrase	Explanation	Users actions
. (Point) (NATO except USA)	Interchangeable with preference	The described NSN and the Related NSN are completely interchangeable. The described NSN, however, is the preferred NSN. (This is a Phrase Code J relationship with indication of preferred item. The only user, the NATO HAWK Programme, will later replace this Phrase Code with Phrase Code B). (NATO use except USA).	Use stocks under the related NSN until exhausted and use thereafter the NSN quoted as the described NSN.
Blank (USA only)	Dod I&S family master NSN	Indicates the item represented by the NSN in the Input/Output Header is a master NSN in a DoD I&S family. This blank Phrase Code must be accompanied by one of the following conditions : a. Be the first occurrence in an I&S family and reflect a blank related NSN field, having a valid I&S master order of use, and have at least one additional occurrence of phrase data with either Phrase Code G, S or 7, or b. Have a loaded related NSN field in combination with an OOU of ZZZ. (USA use only).	Record the information in order to have full I&S information available at any time. Use stocks in accordance with the order of use established in the family.

See DRN 2862 for format

Table 31 - Unit of Issue Code (UIC)

A code indicating the physical measurement, the count or when neither is applicable, the container or shape of an item for purposes of requisitioning by, and issue to, the end-user, and is that element of Management Data to which the Unit Price is ascribed.

Code	Term	Definition
	- A -	
AA	Two hundred and fifty	Two hundred and fifty (250) of an item.
AM	* Ampoule	A small glass or plastic tube sealed by fusion after filling.
AT	Assortment	A collection of a variety of items that fall into a category or class packaged as a small unit constituting a single item of supply. Use only when the term "Assortment" is a part of the item name.
		Use only when the term "assortment" is a part of the item name.
AX	Twenty	Twenty (20) of an item.
AY	Assembly	A collection of parts assembled to form a complete unit, constituting a single item of supply, e.g., hose assembly. Use only when the term "assembly" is a part of the item name.
	- B -	
BA	* Ball	A spherical-shaped mass of material such as twine or thread.
BB	* Bobbin	A cylinder shaped reel or spool containing thread, yarn, wire.
BC	* Block	A piece of material such as wood, stone or metal usually with one or more plane faces.
BD	* Bundle	A quantity of the same item tied together without compression.
BE	* Bale	A shaped nit of compressible materials bound with cord or metal ties and usually wrapped, e.g., paper and cloth rags.
BF	Board Foot	A unit of measure for lumber equal to the volume of a board 12" x 12" x 1".
BG	* Bag	A flexible container of various sizes and shapes which is fabricated from such materials as paper, plastic or textiles. Includes "sack" and “pouch”.
BK	* Book	A booklike package, such as labels or tickets, fastened together along one edge, usually between protective covers.
BL	* Barrel	A cylindrical container, metal or wood, with sides that bulge outward and flat ends or heads of equal diameter. Includes "Keg".
BO	* Bolt	A flat fold of fabric having a stiff paper-board core.

Code	Term	Definition
BR	* Bar	A solid piece or block of various materials, with its length greater than its other dimensions, e.g., solder. Not applicable to items such as soap, beeswax, buffing compound.
BT	* Bottle	A glass, plastic, or earthenware container of various sizes, shapes, and finishes such as jugs but excluding jars, ampoules, vials, and carboys, with a closure for retention of contents.
BX	* Box	A rigid, three dimensional container of various sizes and materials. Includes "case", "carton", "tray", and "crate".
- C -		
CA	* Cartridge	Usually a tubular receptacle containing loose or pliable material and designed to permit ready insertion into an apparatus for dispensing the material. Usually associated with adhesives and sealing compounds.
CB	* Carboy	A heavy duty, bottle-type container used for transportation and storage of liquids. Usually designed to be encased in a rigid protective outer container for shipment.
CC	Cubic Centimetre	One millionth (1/1,000,000) of a cubic metre in the metric system.
CD	Cubic Yard	A unit of cubic measure.
CE	* Cone	A cone-shaped mass of material wound on itself such as twine or thread, wound on a conical core.
CF	Cubic Foot	A unit of cubic measure.
CG	Centigram	One hundredth (1/100) of a gram in the metric system.
CI	Cubic Inch	A unit of cubic measure.
CK	* Cake	A block of compacted or congealed matter. Applicable to such items as soap, buffing compound.
CL	* Coil	An arrangement of material such as wire, rope, and tubing wound in a circular shape.
CM	Centimetre	One hundredth (1/100) of a metre in the metric system.
CN	* Can	A rigid receptacle made of fibre, metal, plastic, or a combination thereof. Cans may be cylindrical or any number of irregular shapes. Restricted to items which cannot be issued in less than container quantity. Includes "pail" and "canister". Do not use when the packaged quantity equates to a unit of measure, i.e., pint, quart, gallon, ounce, or pound.
CO	* Container	A general term for use only when an item is permitted to be packaged for issue in optional containers, e.g., bottle or tube for a single NSN.
CP	* Capsule	A metallic or plastic container for liquids.

Code	Term	Definition
CS	* Case	A container designed to hold a specific item(s) in a fixed position by virtue of conforming dimensions and/or attachments.
CT	* Carton	A container, usually of fibreboard or pasteboard, with fixed or collapsible joints and self-locking or tuck-in flaps.
CV	Cubic Decimetre	one thousandth (1/1,000) of a cubic metre in the metric system.
CY	* Cylinder	A rigid, cylindrical, metal container designed as a portable container for storage and transportation of compressed gasses, generally equipped with protected valve closure and pressure relief safety device.
CZ	Cubic Metre	A unit of cubic measure expressed in the metric system of measurement. Limited in application to locally assigned stock numbers used in the local procurement of items such as ready-mix concrete and asphalt in areas where the metric system prevails.
- D -		
DA	Decametre	Ten (10) metres.
DB	Decalitre	Ten (10) litres.
DC	Decagram	Ten (10) grams.
DE	Decimetre	One tenth (1/10) of a metre in the metric system (= 10 CM = 100 MM = 0.1 MR).
DF	Dozen Feet	A measure of twelve (12) feet.
DG	Decigram	One tenth (1/10) of a gram in the metric system (= 10 CG = 100 MG = 0.1 GM).
DK	* Card	A flat piece of thick paper or pasteboard to which various items can be attached or displayed.
DL	Decilitre	One tenth (1/10) of a litre in the metric system (= 10 CL = 100 ML = 0.1 LI).
DM	Dram	One sixteenth (1/16) of an ounce weight.
DP	Dozen Pairs	Twelve (12) pairs of an Item of Supply.
DR	* Drum	A cylindrical container designed as an exterior pack for storing and shipping bulk materials, e.g., fuels, chemicals, powders, etc. Drums may be made of metal, rubber, polyethylene or plywood, or fibre with wooden, metal, or fibre ends.
DY	Dozen Yards	A measure of twelve (12) yards.
DZ	Dozen	Twelve (12) of an item of supply.

Code	Term	Definition
	- E -	
EA	Each	A numeric quantity of one item of supply. Do not use if a more specific term applies, such as kit, set, assortment, assembly, group, sheet, plate, strip, or length.
	- F -	
FF	600 Feet	A measure of six hundred feet (600) feet.
FH	400 Feet	A measure of four hundred (400) feet.
FM	Fathom	A measure of six feet or a six feet square section (for wood).
FT	Foot	Unit of linear measurement, sometimes expressed as "linear foot".
FV	Five	Five (5) of an item
FY	Fifty	Fifty (50) of an item. Code used in DoD 4100.39-M. See also code << LL >>.
FZ	Fluid Ounce (Imperial)	One twentieth (1/20) of a pint (Imperial).
	- G -	
GB	Gallon (Imperial)	Unit of liquid measurement equal to 8 pints (Imperial) or 4.54 litres.
GC	Gill (Imperial)	A measure of capacity equal to one fourth (1/4) of a pint (Imperial).
GL	Gallon (US)	Unit of liquid measurement equal to 3.78 litres (US Gallon).
GM	Gram	A small metric unit of weight equal to one thousandth (1/1,000) of a kilogram in the metric system.
GN	Grain	A small unit of weight (1/480 ounce Troy).
GP	Group	A collection of related items issued as a single item of supply, e.g., test set group. Use only when the term "group" is a part of the item name.
GR	Gross	One hundred forty-four (144) of an item.
GY	Gross Yards	A measure of one hundred and forty four (144) yards.
	- H -	
HC	Hundred Cubic Metres	A metric unit of cubic measure.
HD	Hundred	One hundred (100) of an item.
HF	Hundred Feet	A unit of linear measurement.
HG	Hectogram	One hundred (100) grams weight (3.52 ounces).

Code	Term	Definition
HK	* Hank	A loop of yarn or roping, containing definite yardage, e.g., cotton, 840 yards ; worsted, 560 yards. See "skein" for comparison.
HL	Hectolitre	One hundred (100) litres (3.531 cubic feet).
HM	Hectometre	One hundred (100) metres.
HS	Hundred Square Feet	A unit of measure (area).
HW	Hundredweight	A weight equal to one hundred and twelve (112) pounds.
HY	Hundred Yards	A unit of linear measurement.
- I -		
IN	Inch	One twelfth (1/12) of a foot (linear).
IU	* Unit	A standard or basic quantity into which an item of supply is divided.
- J -		
JR	* Jar	A rigid container having a wide mouth and often no neck, typically made of earthenware or glass. Excludes "bottle".
- K -		
KE	* Keg	A small barrel shaped container - see Barrel.
KG	Kilogram	A metric weight of one thousand (1,000) gram (2.205 lbs).
KM	Kilometre	A measure of one thousand (1,000) metres.
OY	* Drained weight	The weight of food solids that remain after the liquids in which they have been prepared are removed.
KP	* Cop	A conical shaped wind for thread, yarn, cable.
KT	Kit	A collection of related items issued as a single item of supply, such as the tools, instruments, repair parts, instruction sheets and often supplies typically carried in a box or bag. Also includes selected collections of equipment components, tools, and/or materials for the repair, overhaul, or modification of equipment. Use only when the term "kit" is a part of the item name.
KW	Kilowatts	One thousand (1,000) watts.
- L -		
LB	Pound	A unit of avoirdupois weight measure equivalent to 16 ounces.
LF	50 Feet	A measure of fifty (50) feet.

Code	Term	Definition
LG	* Length	Term applies to items issued in fixed or specific linear measurement, without deviation. This term no longer applies to random lengths which will be expressed in definitive units of linear measure such as foot or yard. Excludes "strip".
LI	Litre	A unit of liquid measure expressed in the metric system of measurement.
LL	Fifty	Fifty (50) of an item of supply. Code used in ASD-S2000M. See also code << FY >>.
LM	Linear Metre	A term used for measuring performed piping, insulation. Not the same as "Metre".
LO	* Lot	A quantity of an item or material supplied in specific sub-divisions. A collection of associated or miscellaneous articles sold as one unit. NOTE: Non-US use only in accordance with ASD-S2000M. Code “LT” (in accordance with ANSI Standard) to be used in USA.
LT	Long Ton	A weight of 2,240 pounds. NOTE: Non-US use only in accordance with ASD-S2000M. Code “LO” (in accordance with ANSI Standard) to be used in USA.
- M -		
MC	Thousand Cubic Feet	A unit of cubic measure expressed in one thousand (1,000) increments.
ME	Meal	The measure of food generally taken by an individual at one time.
MF	Thousand Feet	A unit of linear measure.
MG	Milligram	One thousandth (1/1,000) of a gram (0.0154 of a grain or 0.00003527 of an ounce).
MI	Mile	A measure of 1,610 metres.
ML	Millilitre	One thousandth (1/1,000) of a litre (0.061 of a cubic inch).
MM	Millimetre	One thousandth (1/1,000) of a metre (0.0394 of an inch).
MN	Square Millimetre	A metric unit of square measure (area).
MR	Metre	A unit of linear measure expressed in the metric system of measurement, equivalent to 39.37 inches. Limited in application to locally assigned stock numbers used in the local procurement of items such as pipe, lumber, tubing and hose in overseas areas where the metric system prevails.
MX	Thousand	One thousand (1,000) of an item.

Code	Term	Definition
	- O -	
OT	Outfit	A collection of related items issued as a single item of supply, such as the tools, instruments, materials, equipment, and/or instruction manual(s) for the practice of a trade or profession or for the carrying out of a particular project or function. Use only when the term "outfit" is a part of the item name.
OZ	Ounce	A unit of liquid or avoirdupois weight.
	- P -	
PB	Pint (Imperial)	A measure of capacity equal to one eighth (1/8) of a gallon (Imperial).
PC	* Piece	A portion or quantity of an item, often of definite length.
PD	* Pad	Multiple sheets of paper that are stacked together and fastened at one end by sealing.
PG	* Package	A form of protective wrapping for two or more of the same item of supply. To be used only when a unit of measure or container type term is not applicable. Includes "envelope".
PK	* Pack	A parcel or quantity of the same item supplied wrapped or tied.
PM	Plate	A flat piece of square or rectangular-shaped metal of uniform thickness, usually one fourth (1/4) of an inch or more. Use only when "plate" (NSCs 9515 and 9535) is used in an item name to denote shape.
PO	Pouch	(1) A small or medium size bag-like container for holding or carrying a single item. (2) A sealed plastic or foil container used in packaging frozen, pre-cooked or dehydrated food.
PR	Pair	Two similar corresponding items, e.g., gloves, shoes, bearings ; or items integrally fabricated of two corresponding parts, e.g., trousers, shears, goggles.
PT	Pint (US)	A unit of liquid or dry measure (US Measure).
PZ	* Packet	A container used for subsistence items. Use only when "food packet" is part of the item name (Group 89).
	- Q -	
QB	Quart (Imperial)	Imperial unit of liquid or dry measure.
QC	Square Centimetre	A metric unit of square measure (area).
QD	Square Decimetre	A metric unit of square measure (area).
QK	Quarter Kilogram	A unit of weight in the metric system equal to two hundred and fifty (250) grams.

Code	Term	Definition
QN	Quintal	One hundred (100) kilograms.
QR	Quire	A measure of 24 sheets of paper.
QT	Quart (US Measure)	A unit of liquid or dry measure.
- R -		
RA	Ration	The food allowance of one person for one day. Use only when "ration" (NSC 8970) is a part of the item name.
RL	* Reel	A cylindrical core on which a flexible material, such as wire or cable, is wound. Usually has flanged ends.
RM	Ream	A quantity of paper varying from 480 to 516 sheets, depending upon grade.
RO	* Roll	A cylindrical configuration of flexible material which has been rolled on itself such as textiles, tape, abrasive paper, photosensitive paper and film, and may utilize a core with or without flanges.
- S -		
SA	Sachet	A small sealed packet usually made of paper or plastic, containing a liquid, cream or powder, usually for s single use.
SD	* Skid	A pallet-like platform consisting of a load-bearing area fastened to and resting on runner type supports.
SE	Set	A collection of matched or related items issued as a single item of supply, i.e., tool sets, instrument sets, and matched sets. Use only when the term "set" is a part of the item name.
SF	Square Foot	A unit of square measure (area).
SH	Sheet	A flat piece of rectangular-shaped material of uniform thickness that is very thin in relation to its length and width, such as metal, plastic, paper, and plywood. Use of this term is not limited to any group of items or NSCs. However, it will always be applied when "sheet" is used in the item name to denote shape, e.g., aluminium alloy sheet, except items in NSC 7210.
SI	Square Inch	A unit of square measure (area).
SK	Skein	A loop of yarn 120 yards in length, usually wound on a 54 inch circular core. See "hank" for comparison.
SL	* Spool	A cylindrical form with an edge or rim at each end and an axial hole for a pin or spindle on which a flexible material such as thread or wire is wound.
SM	Square Metre	A metric unit of square measure (area).
SO	Shot	A unit of linear measurement, usually applied to anchor chain ; equivalent to 15 fathoms (90 FT).

Code	Term	Definition
SP	* Strip	A relatively narrow, flat length of material, uniform in width, such as paper, wood, and metal. Use only when the term "strip" is a part of the item name.
SV	Service	The purchase of employment, or defining of work to be done.
SX	* Stick	Material in a relatively long and slender, often cylindrical form for ease of application or use, e.g., abrasives.
SY	Square Yard	A unit of square measure (area).
- T -		
TD	Twenty-four	Twenty-four (24) of an item
TE	Ten	Ten (10) of an item. Code used in DoD 4100.39-M. See also code << XX >>.
TF	Twenty-five	Twenty-five (25) of an item
TH	Therm	A unit of measurement of heat.
TI	* Tin	A box-like metal container with flap or lid cover.
TL	Thousand Litre	One thousand (1,000) Litres.
TM	Metric Ton	One thousand (1,000) kilograms.
TN	Ton	The equivalent of 2,000 Lbs.
TO	Troy Ounce	A unit of troy weight measure, based on 12 ounce pound, generally applied to weights of precious metals.
TR	Tray	Sub level packaging, usually formed to approximate shape of item of supply.
TS	Thirty-six	Thirty-six (36) of an item
TT	* Tablet	A flat sheet or piece of prepared substance.
TU	* Tube	Normally a squeeze-type container, most commonly manufactured from a flexible type material and used in packaging toothpaste, shaving cream, and pharmaceutical products. Also applicable as form around which items are wound, such as thread. It is not applicable to mailing tube, pneumatic tube, or cylindrical containers of a similar type.
TZ	Two Ounces	A measure equivalent to one eighth of an imperial pound (Avoirdupois).
- V -		
VC	Five Hundred	Five hundred (500) of an item.

Code	Term	Definition
VI	* Vial	A small glass container, generally less than an inch in diameter. Vials are flat-bottomed and tubular in shape and have a variety of neck finishes.
- X -		
XF	Ten Feet	A measure of ten (10) feet.
XX	Ten	Ten (10) of an Item of Supply. Code used in ASD-S2000M. See also code << TE >>.
- Y -		
YD	Yard	A unit of linear measure, equivalent to 3 feet and sometimes expressed as "linear yard".
- Z -		
ZC	Two hundred	Two hundred (200) of an item
ZD	Four hundred	Four hundred (400) of an item
ZE	Two thousand	Two thousand (2000) of an item
ZF	Two hundred feet	A measure of two hundred (200) feet.
ZV	* Syphon	An aerated container from which liquid is forced by pressure of gas.

Those terms preceded by an asterisk (*) require a quantitative expression.

See DRN 3050 for format.

Table 32 - Quantity per Unit Pack Code (QUPC)

A code indicating the number of units of issue in the unit package as established by the managing activity. The codes and quantities per unit pack for each code are as follows :

Code	Quantity
0	No QUP
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
A	10
B	12
C	15
D	16
E	18
F	20
G	24

Code	Quantity
H	25
J	32
K	36
L	48
M	50
N	72
P	75
Q	100
R	120
S	144
T	200
U	250
V	500
W	1000
#X	BLK
#Y	Packager's option so long as all other contractual requirements are met.
*Z	Special requirement. Refer to special instructions or drawings provided.

NOTES:

1. See Table 31 for units of issue.
2. # Valid for Air Force use with MOE Rule FSKX, FSYK, or FSYC items only. In all other cases, when the Integrated Materiel Manager -IMM- has a recorded QUP of X or Y, the US Air Force must submit a QUP of 1.
3. * Valid for US Air Force use with Group 13 items or for items with a recorded MOE Rule of FSKX, FSYK, or FSYC only. In all other cases, when the IMM has a QUP of Z, and the Group is other than 13, the US Air Force must submit a QUP of 1.
4. * QUP for ammunition and explosives will reflect the quantity in the approved exterior shipping and storage container for the NATO Stock Number. This quantity will appear in the US DOD Consolidated Ammunition Catalog, 5B 708-4.
5. * Refer to special instructions or drawings provided.

See DRN 6106 for format.

Table 33 - Acquisition Advice Code (AAC)

A code denoting how, as distinguished from where, and under what restrictions an item will be acquired.

Code	Explanation
A	SERVICE/AGENCY-REGULATED (Service/Agency use only)* Issue, transfer, or shipment is controlled by authorities above the Inventory Control Point -ICP- level to assure proper and equitable distribution. 1. The use or stockage of the item requires release authority based on prior or concurrent justification. 2. Requisitions will be submitted in accordance with Agency/Service requisitioning procedures.
B	ICP-REGULATED (Service/Agency use only)* Issue, transfer, or shipment is controlled by the Inventory Control Point. 1. The use or stockage of the item requires release authority based on prior or concurrent justification. 2. Requisitions will be submitted in accordance with Agency/Service requisitioning procedures.
C	SERVICE/AGENCY-MANAGED (Service/Agency use only)* Issue, transfer, or shipment is not subject to specialized controls other than those imposed by individual service supply policy. 1. The item is centrally managed, stocked and issued. 2. Requisitions will be submitted in accordance with Service requisitioning procedures.
D	DoD INTEGRATED MATERIEL-MANAGED, STOCKED, AND ISSUED* Issue, transfer, or shipment is not subject to specialized controls other than those imposed by Integrated Material Manager/Service supply policy. 1. The item is centrally managed, stocked and issued. 2. Requisitions must contain the fund citation required to acquire the item. Requisitions will be submitted in accordance with Integrated Materiel Manager/Service requisitioning procedures

Code	Explanation
E	OTHER SERVICE-MANAGED, STOCKED AND ISSUED (For Service use only if Secondary Inventory Control Activity Level of Authority -SICA LOA- is 8D and Nonconsumable Item Materiel Support Code -NIMSC- is 6). Issue, transfer, or shipment is not subject to specialized controls other than those imposed by the Service requisitioning policy. 1. The item is centrally managed, stocked and issued. 2. Requisitions may require a fund citation and will be submitted in accordance with the Service requisitioning procedures.
F	FABRICATE OR ASSEMBLE (NON-STOCKED ITEMS)* NATO Stock Numbered items fabricated or assembled from raw materials and finished products as the normal method of support. Procurement and stockage of the items are not justified because of low usage or peculiar installation factors. Distinctions between local or centralized fabricate/assemble capability are identified by the source of supply modifier in the source of supply column of the Service management data lists.
G	GENERAL SERVICES ADMINISTRATION -GSA- / CIVIL AGENCY INTEGRATED MATERIEL MANAGED, STOCKED AND ISSUED Identifies GSA-/Civil Agency managed items available from GSA/Civil Agency supply distribution facilities. Requisitions and fund citations will be submitted in accordance with GSA/Civil Agency requisitioning procedures.
H	DIRECT DELIVERY UNDER A CENTRAL CONTRACT (VENDOR STOCKED)* Issue, transfer or shipment is not subject to specialized controls other than those imposed by Integrated Material Manager/Service/Agency supply policy. 1. The item is centrally procured but not stocked. 2. Normal issue is by direct shipment from the vendor to the user at the order of the ICP or IMM. However, orders may be shipped from stock by ICP or IMM distribution facilities when the vendor's minimum order quantity is not met, or when stocks are being drawn down. 3. Requisitions and fund citations will be submitted in accordance with Integrated Materiel Manager/Service/Agency requisitioning procedures. 4. General delivery will be made within applicable Service/Agency guidelines addressing customer required timeframe.

Code	Explanation
I	DIRECT ORDERING FROM A CENTRAL CONTRACT/SCHEDULE (NON-STOCKED ITEMS)* Issue, transfer or shipment is not subject to specialized controls other than those imposed by Integrated Material Manager/Service supply policy. The item is covered by a centrally issued contractual document, or by multiple-award US Federal supply schedule, which permits using activities to place orders directly on vendors for direct delivery to the user.
J	NOT STOCKED, CENTRALLY PROCURED (NON-STOCKED ITEMS)* IMM/Service centrally managed but not stocked item. Procurement will be initiated only after receipt of a requisition.
K	CENTRALLY STOCKED FOR OVERSEAS ONLY* Main means of supply is local purchase or direct ordering from a central contract/schedule when the Federal Supply Schedule Number is shown in the CMD record. Item is stocked in domestic supply system for those overseas activities unable to procure locally due to non-availability of procurement sources or where local purchase is prohibited (e.g., US Armed Services Procurement Regulation - ASPR-flow of gold ; or by internal Military Service/Agency restraints). Requisitions will be submitted by overseas activities in accordance with Service/Agency requisitioning procedures. **Note:** Continental United States -CONUS- activities will obtain supply support through local procurement procedures.
L	LOCAL PURCHASE (NON-STOCKED ITEMS)* DLA/GSA/Service/Agency-managed items authorized for local purchase as normal means of support at base, post, camp or station level. Item not stocked in wholesale distribution system of Integrated Materiel Manager/Service/Agency Inventory Control Point.
M	RESTRICTED REQUISTIONS-MAJOR OVERHAUL (Service/Agency use only)* Items (assemblies and/or component parts) which for lack of specialized tools, test equipment etc., can be used only by major overhaul activities. Base, post, camp or station activities will not requisition unless authorized to perform major overhaul function.
N	RESTRICTED REQUISITIONING-DISPOSAL (Service/Agency use only)* Discontinued items no longer authorized for issue except on the specific approval of the Service inventory manager. Requisitions may be submitted in accordance with Service requisitioning procedures in instances where valid requirements exist and replacing item data has not been furnished.

Code	Explanation
O	PACKAGED FUELS (NON-STOCKED ITEMS) DLA-managed and Service-regulated. 1. Item will be centrally procured in accordance with US DoD 4140.25M, Procedures for the Management of Petroleum Products, but not stocked by IMM. Long lead time required. 2. Requirements will be satisfied by direct shipment to the user either from a vendor or from Service assets at the order of the ICP or IMM. 3. Requirements and/or requisitions will be submitted in accordance with Service procedures.
P	RESTRICTED REQUISITION-SECURITY ASSITANCE PROGRAM -SAP- 1. Indicates item is stocked or acquired only for SAP (replaces Military Assistance Program -MAP-) requirements, or 2. Indicates item is nonstocked and materiel is ordered from the contractor for shipment directly to the foreign government. 3. Base, post, camp or station will not requisition.
Q	BULK PETROLEUM PRODUCTS DLA-managed. 1. Item may be either centrally stocked or available by direct delivery under a central contract. 2. Requirements will be submitted by Military Service in accordance with IMM procedures; 3. Item will be supplied in accordance with US DoD 4140.25M.
R	RESTRICTED REQUISITION-GOVERNMENT FURNISHED MATERIEL -GFM- Indicates item is centrally procured and stocked as GFM in connection with the manufacture of military items. Base, post, camp or station will not requisition.
S	RESTRICTED REQUISITIONING-OTHER SERVICE FUNDED (Service use only) For Service-managed items whereby the issue, transfer, or shipment is subject to specialized controls of the funding Military Service; 1. Item is procured by a Military Service for the funding Military Service and is centrally managed by the funding Service. 2. The procuring Military Service has no requirement in its logistic system for the item.

Code	Explanation
T	CONDEMNED (NON-STOCKED ITEMS) Item is no longer authorized for procurement, issue, use or requisitioning.
U	LEAD SERVICE-MANAGED As a minimum provides procurement, disposal and single submitter functions. Wholesale logistics responsibilities which are to be performed by the Primary Inventory Control Activity -PICA- in support of the SICA are defined by the SICA NIMSC Code.
V	TERMINAL ITEM* Identifies items in stock, but future procurement is not authorized. Requisitions may continue to be submitted until stocks are exhausted. Preferred item NSN is normally provided by application of the phrase : When Exhausted Use (NSN). Requisitions will be submitted in accordance with IMM/service requisitioning procedures as applicable.
W	RESTRICTED REQUISITIONING-SPECIAL INSTRUCTIONS APPLY (NON-STOCKED ITEMS) Indicates stock number has been assigned to a generic item for use in bid invitations, allowance lists, etc., against which no stocks are ever recorded. Requisitions will be submitted only in accordance with IMM/Service requisitioning procedures (this code will be used, when applicable, in conjunction with Phrase Code S (stock as NSN(s)). It is considered applicable for use when a procurement source(s) becomes available. The Phrase Code S and the applicable "stock as" NSN(s) will then be applied for use in stock, store, and issue actions).
X	SEMIACTIVE ITEM-NO REPLACEMENT (NON-STOCKED ITEMS) A potentially inactive NSN which must be retained in the supply system as an item of supply because (1) stocks of the item are on hand or in use below the wholesale level and (2) the NSN is cited in equipment authorization documents TO & E, TA, TM, etc. or in-use assets are being reported. 1. Items are authorized for central procurement but not authorized for stockage at wholesale level. 2. Requisitions for in-use replacement will be authorized in accordance with individual Military Service directives. 3. Requisitions may be submitted as requirements generate. Repetitive demands may dictate an AAC change to permit wholesale stockage.

Code	Explanation
Y	TERMINAL ITEM (NON-STOCKED ITEMS)* Further identifies AAC V items on which wholesale stocks have been exhausted. Future procurement not authorized. No wholesale stock is available for issue. 1. Requisitions will not be processed to the wholesale suppliers. 2. Internal service/agency requisitioning may be continued in accordance with the service/agency requisitioning policies.
Z	INSURANCE/NUMERIC STOCKAGE OBJECTIVE ITEM* Items which may be required occasionally or intermittently, and prudence requires that a nominal quantity of materiel be stocked due to the essentiality or the lead time of the item. 1. The items is centrally managed, stocked, and issued. 2. Requisitions will be submitted in accordance with IMM/service requisitioning procedures.

* Authorized for Segment B input.

See DRN 2507 for format.

Table 34 - Controlled Inventory Item Code (CIIC)

A code indicating the security classification and/or security risk or pilferage controls for storage and transportation of physical assets.

Classified Items Code : A code indicating the materiel requires protection in the interest of national security in accordance with the provisions of DoD 5200.1-R, Information Security Program.

Code	Explanation
A	Confidential - Formerly Restricted Data
B	Confidential - Restricted Data
C	Confidential
D	Confidential - Cryptologic
E	Secret - Cryptologic
F	Top Secret - Cryptologic
G	Secret -Formerly Restricted Data
H	Secret - Restricted Data
K	Top Secret - Formerly Restricted Data
L	Top Secret - Restricted Data
O	Item contains naval nuclear propulsion information; disposal and access limitations are identified in NAVSEAINST C5511.32. Store and handle in a manner which will preclude unauthorized access to this material.
S	Secret
T	Top Secret
U	Unclassified
7	Item assigned a Demilitarization Code other than A, B or Q for which another CIIC is inappropriate. The loss, theft, unlawful disposition, and/or recovery of an item in this category will be investigated in accordance with DoD 4000.25-2-M and DoD 7200.10-M.
9	Identifies an item as a Controlled Cryptographic Item -CCI-. CCI is described as secure telecommunications or information handling equipment, associated cryptographic component, or other hardware item which performs a critical Communications Security -COMSEC- function. Items so designated are unclassified but controlled, and will bear the designation “Controlled Cryptographic Item" or "CCI".

NOTE: Codes for Department of Energy (DOE) Special Design and Quality-Controlled items under management control of the Defense Threat Reduction Agency (DTRA) (identified by CAGE Code 87991) in the FLIS data base will be assigned and processed in accordance with DOE-DSWA TP 100-1, Supply Management of Nuclear Weapons Material.

Sensitive Items Code: Material which requires a high degree of protection and control due to statutory requirements or regulations, such as narcotics and drug abuse items ; precious metals ; items which are of high value, highly technical or of a hazardous nature ; and small arms, ammunition, explosives and demolition material.

Code	Explanation
1	Highest Sensitivity (Category I) - Nonnuclear missiles and rockets in a ready-to-fire configuration (e.g., Hamlet, Redeye, Stinger, Dragon, LAW, Viper) and explosive rounds for nonnuclear missiles and rockets. This category also applies in situations where the launcher (tube) and the explosive rounds, though not in a ready-to-fire configuration, are jointly stored or transported.
2	High Sensitivity (Category II) - Arms, Ammunition, and Explosives.
3	Moderate Sensitivity (Category III) - Arms, Ammunition, and Explosives.
4	Low Sensitivity (Category IV) - Arms, Ammunition, and Explosives.
5	Highest Sensitivity (Category I) - Arms, Ammunition, and Explosives with a physical security classification of Secret.
6	Highest Sensitivity (Category I) - Arms, Ammunition, and Explosives with a physical security classification of Confidential.
8	Highest Sensitivity (Category II) - Arms, Ammunition, and Explosives with a physical security classification of Confidential.
Q	A drug or other controlled substance designed as a Schedule III, IV or V item, in accordance with the US Controlled Substance Act of 1970. Other sensitive items requiring limited access storage.
R	Precious Metals, a drug or other controlled substance designated as a Schedule I or II item, in accordance with the US Controlled Substance Act of 1970. Other selected sensitive items requiring storage in a vault or safe.
$	This code identifies Nuclear Weapons Use Control (UC) Ground Equipment which is CIIC unclassified by may require special controls. Use Control Ground Equipment is described as recoders, verifiers, adapters, power supplies, cables, programmers, monitors, controllers, code processors, power converters, computers and data modules which perform a Nuclear Weapon Use Control Function.

NOTES:

- CIIC $ is not a valid input code for FLIS. This code is unique to KNA system only.
- Items coded 5, 6 or 8 will be stored and transported in accordance with the provisions of DoD 5100.76-M or DoD 5200.1-R, Information Security Program, whichever is more stringent.
- Small Arms weapon components, such as silencers, mufflers and noise suppression devices will be treated as Category II items. (Reference: DoD 5100.76-M, Appendix A, Paragraph C1 - ARMS (Category II), page A-2).
- Small Arms major subparts, such as frame(s) and receiver(s), will be treated as Category II items. (Reference: DoD 5100.76-M, Chapter 4, page 4-2 Table 1)
- Barrels and Major Subassemblies WILL be protected as Category IV Arms. (Reference: DoD 5100.76-M, Chapter 4, page 4-2. Table 1)
- Generally, only arms, rockets, explosive rounds, mines and projectiles that have an unpackaged weight of 100 pounds or less shall be categorized as sensitive. (Reference: DoD 5100.76-M, Appendix A, Paragraph A1.)

Pilferage Code: A code indicating the material has a ready resale value or civilian application for personal possession and, therefore, is especially subject to theft.

Code	Explanation
J	Pilferage - Pilferage controls may be designated by the coding activity to items coded U (Unclassified) by recording the item to J.

Coding activities may further categorize pilferage items by using the following codes :

I	Aircraft engine equipment and parts
M	Handtools and shop equipment
N	Firearms Piece Parts and Non-lethal Firearms
P	Ammunition and explosives
V	Individual clothing and equipment
W	Office machines
X	Photographic equipment and supplies
Y	Communication/electronic equipment and parts
Z	Vehicular equipment and parts

See DRN 2863 for format.

Table 35 - Unit of Issue Conversion Factor

The quantitative value by which the prior quantity per unit of issue must be multiplied to arrive at an equal quantity of the new unit of issue.

Old Unit of Issue	New Unit of Issue	Conversion Decimal Locator & Factor	Multiply
1/4 Kilogram	Decagram	00025	25.
1/4 Kilogram	Gram	00250	250.
1/4 Kilogram	Hectogram	10025	2.5
1/4 Kilogram	Kilogram	20025	.25
1/4 Kilogram	Ounce	38817	8.817
1/4 Kilogram	Pound	45511	.5511
Barrel (Standard US ; 31.5 GL)	Cubic Foot	34212	4.212
Barrel (Standard US ; 31.5 GL)	Gallon	10315	31.5
Barrel (bulk Petroleum ; 42 GL)	Gallon	00042	42.
Barrel (Standard US ; 31.5 GL)	Litre	11192	119.2
Barrel (Standard US ; 31.5 GL)	Pint	00252	252.
Barrel (Standard US ; 31.5 GL)	Quart	00126	126.
Board Foot	Cubic Foot	40833	.0833
Board Foot	Cubic Yard	40031	.0031
Box	Carboy	00001	1.
Box	Each	00001	1.
Centimetre	Decimetre	10001	.1
Centimetre	Foot	40328	.0328
Centimetre	Hectometre	40001	.0001
Centimetre	Inch	43937	.3937
Centimetre	Meter	20001	.01
Centimetre	Yard	40109	.0109
Coil (100 FT)	Foot	00100	100.
Coil (250 FT)	Foot	00250	250.
Coil (500 FT)	Foot	00500	500.
Coil (750 FT)	Foot	00750	750.
Coil (1000 FT)	Foot	01000	1000.
Cubic Centimetre	Cub Decimetre	30001	.001
Cubic Centimetre	Cub Inch	30061	.061
Cubic Decimetre	Cub Centimetre	01000	1000.
Cubic Decimetre	Cub Foot	40353	.0353
Cubic Decimetre	Cub Inch	00061	61.
Cubic Decimetre	Cub Meter	30001	.001
Cubic Decimetre	Cub Yard	40013	.0013

Old Unit of Issue	New Unit of Issue	Conversion Decimal Locator & Factor	Multiply
Cubic Foot	Barrel (Standard US ; 31.5 GL)	42374	.2374
Cubic Foot	Board Foot	00012	12.
Cubic Foot	Cub Decimetre	22832	28.32
Cubic Foot	Cubic Yard	40370	.0370
Cubic Foot	Gallon	37481	7.481
Cubic Foot	Litre	22832	28.32
Cubic Foot	Pint	25984	59.84
Cubic Foot	Quart	22992	29.92
Cubic Inch	Cub Centimetre	21638	16.38
Cubic Inch	Cub Decimetre	40163	.0163
Cubic Meter	Board Foot	14238	423.8
Cubic Meter	Cub Decimetre	01000	1000.
Cubic Meter	Cubic Foot	23531	35.31
Cubic Meter	Cubic Yard	31308	1.308
Cubic Meter	Gallon	12642	264.2
Cubic Yard	Board Foot	00324	324.
Cubic Yard	Cub Decimetre	17645	764.5
Cubic Yard	Cubic Foot	00027	27.
Cubic Yard	Gallon	00202	202.
Cubic Yard	Litre	17645	764.5
Decagram	1/4 Kilogram	20004	.04
Decagram	Gram	00010	10.
Decagram	Hectogram	10001	.1
Decagram	Kilogram	20001	.01
Decagram	Ounce	43527	.3527
Decagram	Pound	30022	.022
Decilitre	Gallon	40264	.0264
Decilitre	Hectolitre	30001	.001
Decilitre	Litre	10001	.1
Decilitre	Pint	42113	.2113
Decilitre	Quart	41057	.1057
Decimetre	Centimetre	00010	10.
Decimetre	Foot	43281	.3281
Decimetre	Hectometre	30001	.001
Decimetre	Inch	33937	3.937
Decimetre	Kilometre	40001	.0001
Decimetre	Meter	10001	.1
Decimetre	Yard	41094	.1094

Old Unit of Issue	New Unit of Issue	Conversion Decimal Locator & Factor	Multiply
Dozen	Each	00012	12.
Dozen	Gross	40833	.0833
Dozen	Hundred	20012	.12
Dozen	Pair	00006	6.
Dozen	Thousand	30012	.012
Each	Assembly	00001	1.
Each	Dozen	40833	.0833
Each	Fifty	20002	.02
Each	Five	10002	.2
Each	Gross	40069	.0069
Each	Hundred	20001	.01
Each	Package (2)	10005	.5
Each	Package (3)	43333	.3333
Each	Package (4)	20025	.25
Each	Package (5)	10002	.2
Each	Package (10)	10001	.1
Each	Package (20)	20005	.05
Each	Package (25)	20004	.04
Each	Package (50)	20002	.02
Each	Package (200)	30005	.005
Each	Package (500)	30002	.002
Each	Package (1000)	30001	.001
Each	Pair	10005	.5
Each	Ten	10001	.1
Each	Thirty-six	40277	.0277
Each	Thousand	30001	.001
Each	Twenty-five	20004	.04
Each	Twenty-four	40416	.0416
Fathom	Foot	00006	6.
Fifty	Each	00050	50.0
Five	Each	00005	5.0
Foot (FT)	Coil (100 FT)	20001	.01
Foot (FT)	Coil (500 FT)	30002	.002
Foot (FT)	Coil (750 FT)	40013	.0013
Foot (FT)	Coil (1000 FT)	30001	.001
Foot	Reel (100 FT)	20001	.01
Foot	Reel (250 FT)	30004	.004
Foot	Reel (500 FT)	30002	.002

Old Unit of Issue	New Unit of Issue	Conversion Decimal Locator & Factor	Multiply
Foot	Reel (750 FT)	40013	.0013
Foot	Reel (1000 FT)	30001	.001
Foot	Centimetre	23048	30.48
Foot	Decimetre	33048	3.048
Foot	Fathom	41666	.16666
Foot	Inch	00012	12.
Foot	Meter	43048	.3048
Foot	Yard	43333	.3333
Gallon	Barrel (Bulk Petroleum ; 42 GL)	40238	.0238
Gallon	Barrel (Standard US ; 31.5 GL)	40317	.0317
Gallon	Cubic Foot	41337	.1337
Gallon	Litre	33785	3.785
Gallon	Pint	00008	8.
Gallon	Quart	00004	4.
Gram	1/4 Kilogram	30004	.004
Gram	Decagram	10001	.1
Gram	Hectogram	20001	.01
Gram	Kilogram	30001	.001
Gram	Ounce	40352	.0352
Gram	Pound	40022	.0022
Gross (GR)	Dozen	00012	12.
Gross (GR)	Each	00144	144.
Gross (GR)	Hundred	20144	1.44
Gross (GR)	Pair	00072	72.
Hectogram	1/4 Kilogram	10004	.4
Hectogram	Decagram	00010	10.
Hectogram	Gram	00100	100.
Hectogram	Kilogram	10001	.1
Hectogram	Ounce	33527	3.527
Hectogram	Pound	42204	.2204
Hectogram	Ton	40001	.0001
Hectolitre	Barrel (Standard US)	20084	.84
Hectolitre	Cubic Foot	20353	3.53
Hectolitre	Decilitre	01000	1000.
Hectolitre	Litre	00100	100.
Hectometre	Decimetre	01000	1000.
Hectometre	Foot	13281	328.1
Hectometre	Inch	03937	3937.

Old Unit of Issue	New Unit of Issue	Conversion Decimal Locator & Factor	Multiply
Hectometre	Kilometre	10001	.1
Hectometre	Meter	00100	100.
Hectometre	Yard	11094	109.4
Hundred	Dozen	38333	8.333
Hundred	Each	00100	100.
Hundred	Gross	46944	.6944
Hundred	Pair	00050	50.
Hundred	Thousand	10001	.1
Hundredweight	Long Ton	20005	.05
Inch	Centimetre	20254	2.54
Inch	Decimetre	30254	.254
Inch	Foot	40833	.0833
Inch	Meter	40254	.0254
Inch	Yard	40277	.0277
Kilogram	1/4 Kilogram	00004	4.
Kilogram	Decagram	00100	100.
Kilogram	Gram	01000	1000.
Kilogram	Hectogram	00010	10.
Kilogram	Ounce	23527	35.27
Kilogram	Pound	32204	2.204
Kilogram	Ton	30001	.001
Kilometre	Hectometre	00010	10.
Kilometre	Meter	01000	1000.
Litre	Barrel (Standard US; 31.5 GL)	40084	.0084
Litre	Cubic Foot	40353	.0353
Litre	Decilitre	00010	10.
Litre	Gallon	42642	.2642
Litre	Hectolitre	20001	.01
Litre	Pint (liq)	32113	2.113
Litre	Quart (liq)	31057	1.057
Long Ton	Hundredweight	00020	20.
Meter	Centimetre	00100	100.
Meter	Decimetre	00010	10.
Meter	Foot	33281	3.281
Meter	Hectometre	20001	.01
Meter	Inch	23937	39.37
Meter	Kilometre	30001	.001
Meter	Yard	31094	1.094

Old Unit of Issue	New Unit of Issue	Conversion Decimal Locator & Factor	Multiply
Ounce	Gram	22835	28.35
Ounce	Pound	40625	.0625
Ounce	Troy Ounce	49115	.9115
Pair	Dozen	41666	.1666
Pair	Each	00002	2.
Pair	Gross	40139	.0139
Pair	Hundred	20002	.02
Pair	Thousand	30002	.002
Pint	Barrel (Standard US)	30004	.004
Pint	Cubic Foot	40167	.0167
Pint	Gallon	30125	.125
Pint	Litre	44732	.4732
Pint	Quart	10005	.5
Pint (Imperial)	Gallon (Imperial)	30125	.125
Pint (Imperial)	Quart (Imperial)	10005	.5
Pound	Gram	14536	453.6
Pound	Kilogram	44536	.4536
Pound	Ounce	00016	16.
Pound	Ton	40005	.0005
Quart	Barrel (Standard US)	40079	.0079
Quart	Cubic Foot	40334	.0334
Quart	Gallon	20025	.25
Quart	Litre	49463	.9463
Quart	Pint	00002	2.
Quart (Imperial)	Gallon (Imperial)	20025	.25
Quart (Imperial)	Pint (Imperial)	00002	2.
Reel (100 FT)	Foot	00100	100.
Reel (250 FT)	Foot	00250	250.
Reel (500 FT)	Foot	00500	500.
Reel (750 FT)	Foot	00750	750.
Reel (1000 FT)	Foot	01000	1000.
Square Decimetre	Square Foot	41076	.1076
Square Decimetre	Square Meter	30001	.001
Square Decimetre	Square Yard	40119	.0119
Square Foot	Square Decimetre	20929	9.29
Square Foot	Square Meter	40929	.0929
Square Foot	Square Yard	41111	.1111
Square Inch	Square Foot	40069	.0069

Old Unit of Issue	New Unit of Issue	Conversion Decimal Locator & Factor	Multiply
Square Meter	Square Decimetre	00100	100.
Square Meter	Square Foot	21076	10.76
Square Meter	square Yard	31196	1.196
Square Yard	Square Foot	00009	9.
Ten	Each	00010	10.0
Thirty-six	Each	00036	36.0
Thousand	Dozen	28333	83.33
Thousand	Each	01000	1000.
Thousand	Gross	36944	6.944
Thousand	Hundred	00010	10.
Thousand	Pair	00500	500.
Ton	1/4 Kilogram	04000	4000.
Ton	Kilogram	01000	1000.
Ton	Pound	02000	2000.
Troy Ounce	Ounce	31097	1.097
Troy Ounce	Pound	40686	.0686
Twenty-five	Each	00025	25.0
Twenty-four	Each	00024	24.0
Yard	Centimetre	29144	9.144
Yard	Foot	00003	3.
Yard	Inch	00036	36.
Yard	Kilometre	50091	.00091
Yard	Meter	49144	.9144

See DRN 3053 for format.

Table 36 - Unit of Measure of Related NSN

A two-position alpha code indicating a recognizable physical measurement.

Code	Term
B	
*BF	Board Foot
BQ	Briquet
C	
CC	Cubic Centimeter
*CD	Cubic Yard
*CF	Cubic Foot
CG	Centigram
*CI	Cubic Inch
CL	Centiliter
CM	Centimeter
CU	Curie
CV	Cubic Decimeter
CZ	Cubic Meter
D	
DC	Decagram
DE	Decimeter
DG	Decigram
DL	Deciliter
DM	Dram
*DW	Pennyweight
DZ	Dozen
E	
EA	Each
EX	Exposure
F	
FD	Fold
FR	Frame
*FT	Foot

Code	Term
*FZ	Fluid Ounce
G	
*GB	Gallon (Imperial)
*GC	Gill (Imperial)
*GG	Great Gross
*GI	Gill (US)
*GL	Gallon (US)
GM	Gram
GN	Grain
GR	Gross
H	
*HD	Hundred
*HF	Hundred Feet
HG	Hectogram
HL	Hectoliter
HM	Hectometer
*HP	Hundred Pounds
*HS	Hundred Square Feet
*HW	Hundred Weight
*HY	Hundred Yards
I	
*IN	Inch
K	
KG	Kilogram
KM	Kilometer
KR	Carat
L	
*LB	Pound
*LF	Linear Foot

Code	Term
LI	Liter
M	
*MC	Thousand Cubic Feet
*MF	Thousand Feet
MG	Milligram
*MI	Mile
ML	Milliliter
MM	Millimeter
MN	Square Millimeter
MR	Meter
*MX	Thousand
O	
*OZ	Ounce
P	
*PB	Pint (Imperial)
*PT	Pint (US)
Q	
QC	Square Centimeter
QD	Square Decimeter
*QT	Quart (US)
R	
RA	Ration
RD	Round
RM	Ream
*RX	Thousand Rounds
S	
*SF	Square Foot
SH	Sheet
*SI	Square Inch
SK	Skein
SM	Square Meter
*SO	Shot
SQ	Square
*SY	Square Yard
T	
TM	Metric Ton
*TN	Ton (2,000 lb)
*TO	Troy Ounce
*TT	Tablet
U	
*US	U.S.P. Unit
Y	
*YD	Yard

* These are not International System (SI) units of measurement but may be used by those countries which have not yet implemented the metric system.

See DRN 0107 for format.

Table 37 - Source of Supply Code (SOSC)

A code which identifies the activity as a potential source of supply.

Codes used in the United States

Routing Identifier Code RIC	Activity Code AC	Service/Activity & Location
A12	AJ	U.S. ARMY SOLDIER'S BIOLOGICAL & CHEMICAL COMMAND, NATICK, MA 01760
A35	CD	U.S. ARMY WAR RESERVE COMMAND, MATERIEL MANAGEMENT TEAM, NEW CUMBERLAND, PA 17070-5008
AKZ	AZ	US ARMY TANK-AUTOMOTIVE AND ARMAMENTS COMMAND WARREN, MI 48397-5000
AP5	CA	U.S. ARMY SOLDIER'S BIOLOGICAL & CHEMICAL COMMAND, U.S. ARMY SUPPORT ACTIVITY, PHALIDELPHIA,PA 19101-3460
B14	BF	U.S. ARMY ARMAMENT AND CHEMICAL ACQUISITION AND LOGISTICS ACTIVITY, ATTN: AMSTA-AC, ROCK ISLAND,IL 61299-6000
B16	CL	US ARMY COMMUNICATIONS-ELECTRONICS COMMAND AND FORT MONMOUTH FORT MONMOUTH, NJ 07703-5016
B17	CT	U.S. ARMY AVIATION & MISSILE COMMAND (AIR), ATTN: AMSMI-LC-MM-C, REDSTONE ARSENAL,AL 35898-5230
B56	CM	US ARMY COMMUNICATIONS SECURITY LOGISTICS ACTIVITY FORT HUACHUCA, AZ 85613-7090
B63	N/A	USA BIOLOGICAL DEPOT, WASH, DC MAIL - COMMANDING GENERAL, WALTER REED ARMY MEDICAL CENTER, ATTN: CHIEF SUPPLY CONTROL BRANCH WASH, DC 20012
B64	BD	U.S. ARMY AVIATION & MISSILE COMMAND, ATTN: AMSMI-LC-MM-C, REDSTONE ARSENAL,AL 35858-5230
B69	AM	US ARMY MEDICAL MATERIEL AGENCY FREDERICK, MD 21701-5001
B69	AS	US ARMY MEDICAL MATERIEL AGENCY FREDERICK, MD 21701-5001
BAM	AT	SIMULATION, TRAINING AND INSTRUMENTATION COMMAND ORLANDO, FL 32826-3276
BAM	BS	SIMULATION, TRAINING AND INSTRUMENTATION COMMAND ORLANDO, FL 32826-3276
BS7	AV	TELEVISION-AUDIO SUPPORT ACTIVITY SACRAMENTO, CA 95813-5019
BS7	BS	TELEVISION-AUDIO SUPPORT ACTIVITY SACRAMENTO, CA 95813-5019
CAT	N/A	CATERPILLAR INC, DEFENSE AND FEDERAL PRODUCTS DIV 14009 OLD GALENA ROAD, MOOSVILLE, IL 61552
CLC	AU	THALES RAYTHEON SYSTEMS CO 2000 EAST EL SEGUNDO BLVD EL SEGUNDO, CA 90245-0902
CLC	BS	THALES RAYTHEON SYSTEMS CO 2000 EAST EL SEGUNDO BLVD EL SEGUNDO, CA 90245-0902
F01	TL	LOCKHEED MARTIN AERONAUTICAL SYSTEMS, EAGLE GLOBAL LOGISTICS FOR DEPOT STORAGE 15001 PETERSON CT FORT WORTH, TX 76177-2324
F04	TT	AIR FORCE MEDICAL LOGISTICS OFFICE/FOM-C 1423 SULTAN DR, STE 200 FORT FREDERICK, MD 21702-5006
F06	TL	LOCKHEED MARTIN AERONAUTICS FOR DEPOT STORAGE ONLY BLDG 4002 X ST DOCK 2 KEESLER AFB, MS 39534-5249
F08	TD	AEROSPACE INTEGRATION CORPORATION FOR DEPOT STORAGE ONLY 5555 JOHN GIVENS RD CRESTVIEW, FL 32539-7019
F09	TL	LOCKHEED MARTIN MISSION SYSTEMS FOR DEPOT STORAGE ONLY 111 W. BETTERAVIA RD SANTA MARIA CA 93455-1120

Routing Identifier Code RIC	Activity Code AC	Service/Activity & Location
F13	TP	PRATT & WHITNEY FOR DEPOT STORAGE ONLY 400 MAIN ST. MS 605 04 EAST HARTFORD, CT 06108-0968
F16	SI	ROLLS ROYCE CORPORATION FOR DEPOT STORAGE ONLY 2001 S. TIBBS AVE INDIANAPOLIS, IN 42641-4812
F20	TB	BOEING INTEGRATED DEFENSE SYSTEM FOR DEPOT STORAGE ONLY 4615 S. OLIVER ST WICHITA, KS 67210-1614
F27	TG	WARNER ROBINS AIR LOGISTICS CENTER 425 EASTMANT ST DR350 01 ROBINS AFB, GA 31098-1811
F28	TB	THE BOEING COMPANY FOR DEPOT STORAGE ONLY 626 ANCHORS ST NW FORT WALTON BEACH, FL 32548-7013
F2U	TG	WARNER-ROBINS AIR LOGISTICS CENTER 455 BYRON ST ROBINS AFB, GA 31098-1887
F43	TQ	HONEYWELL TECHNICAL SERVICES, INC 110 BAYFIELD DR COLORADO SPRINGS, CO 80906-4634
F46	TB	THE BOEING COMPANY 7755 E. MARGINAL WAY S. SEATTLE, WA 98108-4002
F4U	SU	OGDEN AIR LOGISTICS CENTER 5851 F AVE HILL AFB UT 84056-5713
F50	TB	THE BOEING COMPANY C-130 AVIONICS MOD PROGRAM
F52	TV	INTERNATIONAL TELEPHONE & TELEGRAPH (ITT) FOR DEPOT STORAGE ONLY 4450 E. FOUNTAIN BLVD COLORADO SPRINGS, CO 80916-2153
F56	TO	FD9490 SOFSA EMB FOR DEPOT STORAGE ONLY 5749 BRIAR HILL RD LEXINGTON, KY 40516-9721
F59	TN	NORTHROP GRUMMAN IS ACS FOR DEPOT STORAGE ONLY 6401 S. AIR DEPOT BLVD OKLAHOMA CITY, OK 73135-5911
F63	TC	COMPOSITE ENGINEERING, INC FOR DEPOT STORAGE ONLY 5281 RALEY BLVD SACRAMENTO, CA 95838
F74	TN	NORTHROP GRUMMAN CORPORATION USAF DEPOT CO AAR DEF COR FOR DEPOT STORAGE ONLY 7977 NE INDUSTRIAL BLVD MACON, GA 31216-7742
F77	TB	BOEING LOGISTICS SPARES, INC FOR DEPOT STORAGE ONLY 5690 SOUTHFIELD CT STE 200 FOREST PART, GA 30297-2524
F78	TM	NORTHROP GRUMMAN GLOBAL HAWK REDISTRIBUTION DEPOT 16710 VIA DEL CAMPO CT SAN DIEGO, CA 92127-1712
F7X	SJ	AIR FORCE CRYPTOLOGIC SUPPORT GROUP 230 HALL BLVD, STE 158 SAN ANTONIO, TX 78243-7056
F80	TG	WARNER ROBINS AIR LOGISTICS CENTER ROBINS AFB, GA 31098-5609
F81	TL	LOCKHEED MARTIN C5 FOR DEPOT STORAGE ONLY 244 TERMINAL RD GREENVILLE, SC 29605-5508
F83	TF	GENERAL ATOMICS ASI FOR DEPOT STORAGE ONLY 16761 VIA DEL CAMPO CT SAN DIEGO, CA 92127-1713
F85	TV	INTERNATIONAL TELEPHONE & TELEGRAPH (ITT) SPACELIFT RANGE SYSTEM CONTROL FOR DEPOT STORAGE ONLY PO BOX 325307 PATRICK AFB, FL 32925-4307
F8U	SX	OKLAHOMA AIR LOGISTICS CENTER DEPOT STORAGE FACILITY 3001 STAFF DR TINKER AFB, OK 73145-3303
F92	ST	AIR FORCE CLOTHING AND TEXTILE OFFICE PHILADELPHIA, PENNSYLVANIA 19101-8419
F97	SR	HQ AIR FORCE ENGINEERING AND SERVICES CENTER/AFESC TYNDALL AFB, FLORIDA 32403-6001
FG5	SU	OGDEN AIR LOGISTICS CENTER 6033 ELM LANE HILL AFB, UT 84056-5619

Routing Identifier Code RIC	Activity Code AC	Service/Activity & Location
FGL	SK	AF NUCLEAR WEAPONS PRODUCT SUPPORT CENTER 1551 WYOMING BLVD SE KIRTLAND AFB, NM 87117-0001
FGZ	SU	OGDEN AIR LOGISTICS CENTER 5851 F AVE HILL AFB, UT 84056-5713
FHZ	SX	OKLAHOMA CITY AIR LOGISTICS CENTER 3001 STAFF DRIVE TINKER AFB, OK 73145-3303
FL5	TG	WARNER-ROBINS AIR LOGISTICS CENTER LETTERKENNY MUNITIONS 1 OVERCASH AVE CHAMBERSBURG, PA 17201-4150
FLZ	TG	WARNER-ROBINS AIR LOGISTICS CENTER 455 BYRON ST ROBINS AFB, GA 31098-1860
FMS	TD	AIR FORCE LOGISTICS COMMAND INTERNATIONAL LOGISTICS CENTER/MI WRIGHT PATTERSON AFB, OH 45433-5001
FND	N/A	AFMPC/MPCCM RANDOLPH AFB, TEXAS 78148
FNF	SA	AFLC COMMAND CHAPLAIN HQ AFLC/HC WRIGHT-PATTERSON AFB, OHIO 45433-5001
FPD	SJ	AIR FORCE CRYPTOLOGIC SUPPORT GROUP 230 HALL BLVD, BLDG 2028 SAN ANTONIO, TX 78243-7081
FPH	SP	AIR FORCE PETROLEUM AGENCY SCIENCE & TECHNOLOGY DIVISION;AFPA/PTPT; 2430 C ST, BLD 70, AREA B; WRIGHT-PATTERSON AFB, OH 45433-7632
FPK	SC	SAN ANTONIO AIR LOGISTICS CENTER KELLY AFB, TEXAS 78241-5000
FPZ	SP	SAN ANTONIO AIR LOGISTICS CENTER KELLY AFB, TEXAS 78241-5000
FZZ	TG	WR-ALC/LX 235 BYRON ST, STE 19A ROBINS AFB,GA 31098-1670
G13	47	DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE - ENGINEERING DIVISION 1325 EAST-WEST HIGHWAY W/OSO322, SSMC2 SILVER SPRING MD 20910
G14	47	NATIONAL WEATHER SERVICE NATIONAL RECONDITIONING CENTER (NRC) 1520 E. BANNISTER ROAD KANSAS CITY, MO 64131
G36	54	VETERANS ADMINISTRATION SUPPLY DEPOT (901E) P.O. BOX 27 HINES, IL 60141
G69	48	DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION ATTN: COE AML-030 TSF BLDG 215 PO BOX 25082 OKLAHOMA CITY, OK 73125-0082
GF0	75	GENERAL SERVICES ADMINISTRATION GENERAL PRODUCTS COMMODITY CENTER FORT WORTH, TX 76102
GGE	73	GENERAL SERVICES ADMINISTRATION AUTOMATED DATA AND TELECOMMUNICATIONS SERVICES ELECTRONIC SERVICE DIVISION (WCE) 7TH & D STREETS, SW WASSHINGTON, D.C. 20407
GK0	75	GENERAL SERVICES ADMINISTRATION TOOLS MATERIAL MANAGEMENT DIVISION KANSAS CITY, MO 64131
GN0	75	GENERAL SERVICES ADMINISTRATION OFFICE OF SUPPLIES AND PAPER PRODUCTS COMMODITY CENTER NEW YORK, NY 10278
GQ0	75	GENERAL SERVICES ADMINISTRATION OFFICE AND SCIENTIFIC EQUIPMENT COMMODITY CENTER WASHINGTON, D.C. 20406
GSA	75	GENERAL SERVICES ADMINISTRATION WASHINGTON, D.C. 20406
GT0	75	GENERAL SERVICES ADMINISTRATION PRINTS AND CHEMICALS COMMODITY CENTER AUBURN, WASHINGTON 98002
GV0	75	GENERAL SERVICES ADMINISTRATION FURNITURE COMMODITY CENTER WASHINGTON, D.C. 20406
H9A	XA	SPECIAL OPERATIONS FORCES SPT ACTY, BLDG 221 BLUE GRASS STATION, 5751 BRIAR HILL ROAD, LEXINGTON, KY 40512-4063
H9D	XJ	HQ USSOCOM/SOAL-LM 700 TAMPA POINT BLVD MACDILL AFB FL

Routing Identifier Code RIC	Activity Code AC	Service/Activity & Location
H9D	SO	SPECIAL OPERATIONS FORCES SUPPORT AGENCY (SOFSA) ICP BLDG 220 5749 BRIAR HILL RD LEXINGTON KY 40516-9721
HAD	XB	FIELD COMMAND, DEFENSE SPECIAL WEAPONS AGENCY KIRTLAND AFB, NEW MEXICO 87117-5669.
HGD	XB	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES, KANSAS CITY, MO
HM8	DH	DEFENSE SUPPLY CENTER RICHMOND (MAPPING) RICHMOND, VA 23297-5335
L01	PA	COASTAL SYSTEMS STATION DAHLGREN DIVISION NAVAL SURFACE WARFARE CENTER PANAMA CITY, FL 32407-7001
L05	PA	BAE SYSTEMS MARINE LTD, LANS BLDG C-08, BARROW-IN-FURNESS, CUMBRIA ENGLAND LA14 1AF
L46	PA	ZODIAC OF NORTH AMERICA INC., ATTN: JACKIE DOLCH TEL. 410 -643-4141, 540 THOMPSON CREEK ROAD, STEVENSVILLE, MD 21666
LA1	PA	FEDERAL PRISON INDUSTRIES FC1 ESTILL 100 PRISON RD ESTILL SC 29918-0699
LA2	PA	TRACK INTERNATIONAL PRIME CONTRACTOR 369 W WESTERN AVE PORT WASHINGTON WI 53074-0990
LA3	PA	TEREX CRANES INC CONWAY OPERATION PO BOX 260002 CONWAY SC 29528-6002
LA4	PA	LITTON ELECTRO OPTICS SYSTEMS DIV ATTN US MARINE CORPS 12024 FORRESTGATE DRIVE DALLAS TX 75243-5411
LA5	PA	HAYES DIVERSIFIED TECHNOLOGIES 10844 E AVE, SUITE A1 HESPERIA CA 92345-5000
LA6	PA	ADVANCED VEHICLE SYSTEMS INC 600 NEW HAMPSHIRE AVE NW SUITE 1000 WASHINGTON DC 20037-2485
LA9	PA	OSHKOSH TRUCK CORPORATION PO BOX 2566 2225 MINNESOTA ST OSHKOSH WI 54902-7021
LB2	PA	LION-VALLEN INDUSTRIES 6450 POE AVE STE 300 DAYTON, OH 45414-2646
LB3	PA	ISOMETRICS INC, 1266 N SCALES ST. PO BOX 660, ROCKINGHAM COUNTY, REIDSVILLE, NC 26320-8306
LB4	PA	NAVISTAR INTERNATIONAL CORPORATION TRUCK OHIO PLAN, 6125 URBANA RD. PO BOX 600, SPRINGFIELD, OH 45501-0600
LB7	PA	INGERSOLL RAND, MF M67854 01 L 3086, 501 SANDFORD AVE, MOCKSVILLE NC 27028-2919
LB8	PA	ELGIN SWEEPER COMPANY SUBSIDIARY OF FEDERAL SIGNAL CORPS 1300 WEST BARTLETT ROAD ELGIN IL 60120-7429
LC1	PA	XR RAYTHEON CO HANGER FACILITY BLDG 11005 BIGGS ARMY AIRFIELD EL PASO TX 79916-0001
LC2	PA	INGERSOLL-RAND EQUIPMENT AND SERVICES CO 12311 WEST SILVER SPRING DRIVE MILWAUKEE, WI 53225
LC3	PA	KALYN SIEBERT, 1505 WEST MAIN STREET, P.O. BOX 1078, GATESVILLE, TX 76528-6078
LC5	PA	GENERAL DYNAMICS AMPHIBIOUS SYSTEMS FACILITY CODE 07LT9 14041 WORTH AVENUE WOODBRIDGE VA 22192-4123
LC6	PA	RAYTHEON COMPANY PO BOX 801 MCKINNEY, TX 75070-0801
LC7	PA	UNITED DEFENSE LP GROUND SYSTEM DIVISION P.O. BOX 15512 YORK, PA 17405-1512
LC8	PA	CATERPILLAR INC DEFENSE FEDERAL PRODUCTS TC A 14009 OLD GALENDA RD MOSSVILLE, IL 61552-0470
LC9	PA	AM GENERAL PO BOX 728 408 SOUTH BYRKIT ST MISHAWAKA, IN 46544-0728

Routing Identifier Code RIC	Activity Code AC	Service/Activity & Location
LD2	PA	AEROVIRONMENT, 69 MORELAND RD, SIMI VALLEY, CA 93065-1662
LD3	PA	RO DEFENSE INC., 48 RAWLS SPRING LOOP RD, HATTIESBURG, MS 39402-7801
LD4	PA	NORDIC AIR, INC. 5455 ROUTE 307 WEST GENEVA, OH 44041
LD6	PA	HARRIS CORP GCSD, 2400 PALM BAY RD NE, PALM BAY FL 32905-3399
LD9	PA	GYROCAM SYSTEMS LLC, 8100 15TH STREET EAST, SARASOTA, FL 34243
M00	PA	RAYTHEON SYSTEMS COMPANY L00682, 2501 WEST UNIVERSITY DRIVE, P.O. BOX 801 M/S 8064, MCKINNEY TX 7570-0801
M01	PA	TRAK INTERNATIONAL PRIME CONTRACTOR 369 W WESTERN AVE PORT WASHINGTON WI 53074-0990
M05	PA	BAE SYSTEMS MARINE LTD, LANS BLDG M05C-08, BARROW-IN-FURNESS, CUMBRIA ENGLAND LA 141AF
M20	PA	UNITED DEFENSE LP GROUND SYSTEMS DIV 1100 BAIRS RD, P.O. BOX 15512 YORK, PA 17405-1512
M31	PA	CATERPILLAR INC, DEFENSE FEDERAL PRODUCTS TCA, 14009 OLD GALENA RD, MOSSVILLE, IL 61522-0407
M32	PA	LION-VALLEN INDUSTRIES 6450 POE AVE STE 300 DAYTON, OH 45414-2646
MA6	PA	ADVANCED VEHICLE SYSTEMS INC, L00864 600 NW HAMPSHIRE AVE, NW, STE 1000, WASHINGTON, DC 20037
MA7	PA	HAYES DIVERSIFIED TECHNOLOGIES L00679, 10844 E AVE STE A1, HESPERIA, CA 92345
MA8	PA	AM GENERAL L00211, P.O. BOX 728, 420 SOUTH BYRKIT ST. MISHAWAKA, IN 46522-3012
MA9	PA	OSHKOSH TRUCK COMPANY, OSHKOSH, WI 54901
MHQ	PM	HEADQUARTERS MARINE CORPS WASHINGTON, D.C. 20380
MPB	PA	COMMANDING GENERAL MARINE CORPS LOGISTICS BASE G647-1, BLDG. 3700 ALBANY, GEORGIA 31704-5000
MTC	PA	AMERICAN CRANE CORPORATION DBA TEREX AMERICAN INC 202 RALEIGH ST WILMINGTON, NC 28412-6363
N17	N/A	NAVY RESALE AND SERVICE SUPPORT OFFICE FORT WADSWORTH STATEN ISLAND, NY 10305
N21	KA	NAVAL AIR SYSTEM COMMAND WASHINGTON, D.C. 20360
N22	HP	NAVAL SUPPLY SYSTEMS COMMAND WASHINGTON, D.C. 20376
N23	HA	NAVAL SEA SYSTEMS COMMAND WASHINGTON, D.C. 20362
N23	HB	NAVAL SEA SYSTEMS COMMAND WASHINGTON, D.C. 20362
N24	JK	NAVAL SEA SYSTEMS COMMAND WASHINGTON, D.C. 20362
N24	N/A	PROGRAM EXECUTIVE OFFICER, EXPEDITIONARY WARFARE, ATTN: PMS 325J 2531 JEFFERSON DAVIS HIGHWAY, ARLINGTON, VA 22242-5171
N25	N/A	NAVAL FACILITIES ENGINEERING COMMAND ALEXANDRIA, VIRGINIA 22332
N26	N/A	BUREAU OF NAVAL PERSONNEL WASHINGTON, D.C. 20370
N32	KE	NAVAL INVENTORY CONTROL POINT PHILADELPHIA, PENNSYLVANIA 19111-5098
N35	HD	NAVAL INVENTORY CONTROL POINT MECHANICSBURG, PENNSYLVANIA 17055-0788
N35	HX	NAVAL INVENTORY CONTROL POINT MECHANICSBURG, PENNSYLVANIA 17055-0788

Routing Identifier Code RIC	Activity Code AC	Service/Activity & Location
N35	JF	NAVAL INVENTORY CONTROL POINT MECHANICSBURG, PENNSYLVANIA 17055-0788
N39	HW	MILITARY SEALIFT COMMAND WASHINGTON, D.C. 20390
N43	N/A	NAVY FOOD SERVICE SYSTEMS OFFICE WASHINGTON NAVY YARD WASHINGTON, D.C. 20374
N44	JV	STRATEGIC SYSTEMS PROJECT OFFICE WASHINGTON, D.C. 20376
N45	GR	NAVAL TRAINING SYSTEM CENTER ORLANDO, FLORIDA 32813
N47	N/A	NAVY FLEET MATERIAL SUPPORT OFFICE MECHANICSBURG, PA 17055
N48	N/A	NAVAL EDUCATION AND TRAINING PROGRAM DEVELOPMENT CENTER PENSACOLA, FLORIDA 32509
N56	KN	BUREAU OF MEDICINE AND SURGERY WASHINGTON, D.C. 20390
N57	N/A	CHIEF OF NAVAL OPERATIONS WASHINGTON, D.C. 20350
N64	N/A	COMMANDER NAVAL INTELLIGENCE COMMAND 4600 SILVER HILL ROAD WASHINGTON, D.C. 20389
N67	N/A	NAVAL AIR TECHNICAL SERVICES FACILITY PHILAEDELPHIA, PENNSYLVANIA 19111
N68	N/A	NAVAL UNDERWARTER SYSTEMS CENTER NEWPORT, RI 02840
N77	HC	SPACE AND NAVAL WARFARE SYSTEMS COMMAND WASHINGTON, D.C. 20363
N79	GE	NAVAL MINE ENGINEERING FACILITY YORKTOWN, VIRGINIA 23491
N84	N/A	NAVAL SHIP WEAPON SYSTEMS ENGINEERING STATION (CODE 5200) PORT HUENEME, CALIFORNIA 93041
NCB	JG	NAVAL ORDNANCE CENTER P.O. BOX 2011 MECHANICSBURG, PENNSYLVANIA 17055-0788
NDZ	N/A	NAVAL SUPPLY CENTER SAN DIEGO, CALIFORNIA 92131
NFZ	KE	NAVAL PUBLICATIONS AND FORMS DIRECTORATE NAVAL INVENTORY CONTROL POINT PHILADELPHIA, PENNSYLVANIA 19111-5098
NMP	HD	NAVAL INVENTORY CONTREOL POINT P.O. BOX 2020 MECHANICSBURG, PA 17055-0788
NMZ	N/A	NAVAL INVENTORY CONTROL POINT P.O. BOX 2020 MECHANICSBURG, PA 17055-0788
NRP	HD	NAVICP-ERP 700 ROBBINS AVENUE PHILADELPHIA, PA 19111-5098
NRP	HX	NAVICP-ERP 700 ROBBINS AVENUE PHILADELPHIA, PA 19111-5098
NRP	JF	NAVICP-ERP 700 ROBBINS AVENUE PHILADELPHIA, PA 19111-5098
NRP	KE	NAVICP-ERP 700 ROBBINS AVENUE PHILADELPHIA, PA 19111-5098
NRP	KA	NAVICP-ERP 700 ROBBINS AVENUE PHILADELPHIA, PA 19111-5099
NRP	HW	NAVICP-ERP 700 ROBBINS AVENUE PHILADELPHIA, PA 19111-5099
NRP	JS	NAVICP-ERP 700 ROBBINS AVENUE PHILADELPHIA, PA 19111-5099
NRP	JC	NAVICP-ERP 700 ROBBINS AVENUE PHILADELPHIA, PA 19111-5099
NRP	JN	NAVICP-ERP 700 ROBBINS AVENUE PHILADELPHIA, PA 19111-5099
NRP	HB	NAVICP-ERP 700 ROBBINS AVENUE PHILADELPHIA, PA 19111-5099
NRP	JK	NAVICP-ERP 700 ROBBINS AVENUE PHILADELPHIA, PA 19111-5099
NRP	JD	NAVICP-ERP 700 ROBBINS AVENUE PHILADELPHIA, PA 19111-5099
NRP	GR	NAVICP-ERP 700 ROBBINS AVENUE PHILADELPHIA, PA 19111-5099
NRP	HA	NAVICP-ERP 700 ROBBINS AVENUE PHILADELPHIA, PA 19111-5099
NRP	HC	NAVICP-ERP 700 ROBBINS AVENUE PHILADELPHIA, PA 19111-5099

Routing Identifier Code RIC	Activity Code AC	Service/Activity & Location
NRP	JV	NAVICP-ERP 700 ROBBINS AVENUE PHILADELPHIA, PA 19111-5099
NRP	GE	NAVICP-ERP 700 ROBBINS AVENUE PHILADELPHIA, PA 19111-5099
NWS	TR	NATIONAL WEATHER SERVICE 1325 EAST WEST HIGHWAY W/GOSO322 SILVER SPRING, MD 20910
P64	XA	CRANE DIVISION NAVAL SURFACE WARFARE CENTER CODE 1121, BUILDING 41SE, 300 HIGHWAY 361 CRAVE, IN 47522-5010
P73	N/A	NAVAL UNDERSEA WARFARE ENGINEERING STATION SUPPLY DEPARTMENT KEYPORT, WA 98345
P87	XA	NAVAL SURFACE WARFARE CENTER COASTAL SYSTEMS STATION 6703 W. HIGHWAY 98 CODE SP40, BUILDING 435 PANANA CITY, FL 32407-7001
PPZ	N/A	NAVAL AIR STATION SUPPLY DEPARTMENT PENSACOLA, FLORIDA 32508
PRZ	XA	NAVAL AIR WAREFARE CENTER, AIRCRAFT DIVISION SUPPLY DEPARTMENT PATUXENT RIVER, MD 20670-5588
PSZ	N/A	PACIFIC MISSILE TEST CENTER POIT MUGU, CALIFORNIA 93042
Q1G	KE	NAVAL ICP, PHILADELPHIA, PA 19111
Q1J	KE	NAVAL ICP, PHILADELPHIA, PA 19111
Q6D	JD	COMMUNICATIONS SECURITY MATERIAL SYSTEM 3801 NEBRASKA AVE N.W. WASHINGTON, D.C. 20390
Q81	JC	JOINT CRUISE MISSILE PROJECT OFFICE WASHINGTON, D.C. 20360
R29	N/A	SSPO TECHNICAL REPRESENTATIVE (SSPOTR) SPERRY RAND CORP. SPERRY SYSTEMS MANAGEMENT DIVISION GREAT NECK, NEW YORK 11020
R31	N/A	NAVAL PLANT REPRESENTATIVE (SPL(W)) P.O. BOX 504 SUNNYVALE, CALIFORNIA 94088
R32	N/A	NAVAL SHIP ENGINEERING CENTER NAVAL STATION NORFOLK, VIRGINIA 23511
R33	N/A	NAVAL PLANT TECHNICAL REPRESENTATIVE (SPA) AUTONETICS DIVISION OF ROCKWELL INTERNATIONAL, INC. ANAHEIM, CALIFORNIA 92803
R41	JN	COMMANDING OFFICER NAVAL CONSTRUCTION BATTALION CENTER CIVIL ENGINEER SUPPORT OFFICE CODE 15324 PORT HUENEME, CALIFORNIA 93043-5000
R48	HP	NAVAL SUPPLY SYSTEMS COMMAND ARLINGTON, VA 22241-5360
R58	N/A	NAVY RECRUITING COMMAND ARLINGTON, VIRGINIA 22203
RAZ	N/A	NAVAL PLANT REPRESENTATIVE (SPL-60) LOCKHEED MISSILE AND SPACE CO. P.O. BOX 504 SUNNYVALE, CALIFORNIA 94088
RCZ	N/A	NAVAL PLANT REPRESENTATIVE (SPG) GENERAL ELECTRIC ORDNANCE SYSTEMS PITTSFIELD, MASSACHUSETTS 01201
RKZ	N/A	NAVAL PLANT TECHNICAL REPRESENTATIVE (SPI) INTERSTATE ELECTRONICS CORP. ANAHEIM, CALIFORNIA 92803
RTF	XA	SPAWAR SYSCEN, CHARLESTON P.O. BOX 190022 NORTH CHARLESTON, SC 29419-9002
S9C	AX	DEFENSE SUPPLY CENTER COLUMBUS, OHIO 43215
S9E	TX	DEFENSE SUPPLY CENTER COLUMBUS, COLUMBUS, OH 43218
S9F	KY	DEFENSE FUEL SUPPLY CENTER CAMERON STATION ALEXANDRIA, VA 22314
S9G	CX	DEFENSE SUPPLY CENTER RICHMOND, VIRGINIA 23297
S9I	KZ	DEFENSE INDUSTRIAL SUPPLY CENTER PHILADELPHIA, PENNSYLVANIA 19111

Routing Identifier Code RIC	Activity Code AC	Service/Activity & Location
S9M	KX	DEFENSE SUPPLY CENTER PHILADELPHIA DIRECTORATE OF MEDICAL MATERIEL PHILADELPHIA, PENNSYLVANIA 19111
S9P	CZ	DEFENSE SUPPLY CENTER PHILADELPHIA PERISHABLE SUBSISTENCE PHILADELPHIA, PENNSYLVANIA 19101
S9R	CR	DEFENSE SUPPLY CENTER RICHMOND, RICHMOND, VIRGINIA 23297
S9S	CZ	DEFENSE SUPPLY CENTER PHILADELPHIA NONPERISHABLE SUBSISTENCE PHILADELPHIA, PENNSYLVANIA 19101
S9T	CY	DEFENSE SUPPLY CENTER PHILADELPHIA PHILADELPHIA, PENNSYLVANIA 19101
SMS	GX	DEFENSE LOGISTICS AGENCY, ENTERPRISE BUSINESS SYSTEMS
ZNC	XG	COMMANDING OFFICER, USCG SURFACE FORCE LOGISTICS CENTER, CODE 028, MIL STOP 25, 2401 HAWKINS POINT ROAD, BALTIMORE, MARYLAND 21226-5000
ZQC	XH	COMMANDING OFFICER, DEPARTMENT OF HOMELAND SECURITY, USCG AVIATION LOGISTICS CENTER, 1664 WEEKSVILLE ROAD, ELIZABETH CITY, NC 27909

See DRN 3690 for format.

Table 38 - Source of Supply Modifier Codes (SOSMC)

A code denoting routing information for requisitions which cannot be addressed to a single MILSTRIP routing identifier or when a single routing identifier cannot be assigned.

Codes used in the United States

Code	Explanation
JCA	Authorization and Procurement Purposes (Integrated Materiel Manager (IMM)/Service)
JCD	Delete
JCK	Condemned
JCL	Local Manufacture - Fabricate or Assembly (DLA/Service)
JCM	Depot Manufacture - Fabricate or Assembly (Service, except Air Force)
JCR	Reference to Phrase (Service)
JDC	Commercial (DLA)
JDF	Defense Fuel Supply Center (DFSC) Distribution Plan/Contact Bulletin and Special Procurement Programs
JDS	DLA Supply Schedule
JSB	Schedule of Blind-Made Products (Service)
JSC	Commercial (Service)
JSP	Federal Prison Industries (Service)
JSY	Local Purchase U3A, Appendix A, Aircraft spares only
JVC	Commercial (VA)
JVS	Federal Supply Schedule/Decentralized Schedule (VA)

Code Structure :

a. First position (J) indicates nondefinitive routing identifier.

b. Second position indicates : C - Category, D - Defense Logistics Agency (DLA), S - Service, V - Veterans Administration (VA).

c. Third position indicates source or further defines the category.

See DRN 2948 for format.

Table 39 - Reparability Code (REP CODE)

A code denoting the reparability employed in the management of an item of supply.

Code	Explanation
A	Non reparable item, which requires special handling or condemnation procedures because of specific reasons. Refer to appropriate manual/directives for specific instructions.
B	Reparable item, which requires special handling or condemnation procedures because of specific reasons. Refer to appropriate manual/directives for specific instructions.
C	Reparable item. Repair under special conditions in accordance with national directives.

Table 40 - NATO Currency Code (NATO CUR CODE)

A code, based on ISO STANDARD 4217, indicating the currency in which a unit price is expressed.

NATO countries:

Country	Currency	Code
ALBANIA	Lek	ALL
BELGIUM	Euro	EUR
BULGARIA	Lev	BGN
CANADA	Canadian Dollar	CAD
CROATIA	Croatian Kuna	HRK
CZECH REPUBLIC	Czech Koruna	CZK
DENMARK	Danish Krone	DKK
ESTONIA	Euro	EUR
FRANCE	Euro	EUR
GERMANY	Euro	EUR
GREECE	Euro	EUR
HUNGARY	Forint	HUF
ICELAND	Iceland Krona	ISK
ITALY	Euro	EUR
LATVIA	Euro	EUR
LITHUANIA	Euro	EUR
LUXEMBOURG	Euro	EUR
MONTENEGRO	Euro	EUR
NETHERLANDS	Euro	EUR
NORWAY	Norwegian Krone	NOK
POLAND	Zloty	PLN
PORTUGAL	Euro	EUR
ROMANIA	New Leu	RON
SLOVAKIA	Euro	EUR
SLOVENIA	Euro	EUR
SPAIN	Euro	EUR
TURKEY	New Turkish Lira	YTL
UNITED KINGDOM	Pound Sterling	GBP
UNITED STATES	US Dollar	USD

Tier 2 sponsored non-NATO countries:

Country	Currency	Code
ARGENTINA	Argentine Peso	ARS
AUSTRALIA	Australian Dollar	AUD
AUSTRIA	Euro	EUR
BRAZIL	Brazilian Real	BRL
COLOMBIA	Colombian Peso	COP
FINLAND	Euro	EUR
INDIA	Indian Rupee	INR
INDONESIA	Indonesian Rupiah	IDR
ISRAEL	New Israeli Sheqel	ILS
KOREA, REP. OF	Won	KRW
MALAYSIA	Malaysian Ringgit	MYR
MOROCCO	Moroccan Dirham	MAD
NEW ZEALAND	New Zealand Dollar	NZD
SERBIA	Serbian Dinar	RSD
SINGAPORE	Singapore Dollar	SGD
SWEDEN	Swedish Krona	SEK
UKRAINE	Hryvnia	UAH
UNITED ARAB EMIRATES	UAE Dirham	AED

Note: When the nine position format of the Unit Price (DRN 7075) is insufficient to indicate the price of an item, the third character of the NATO Currency Code is to be replaced by a code indicating the number by which the value showed in columns 70-78 should be multiplied to obtain the price of the item.

Code	Multiplier
1	10
2	100
3	1000
4	10000
5	100000
6	1000000

See DRN 0856 for format.

Table 41 - Demilitarization Code -DEMIL CODE-

A code employed by the countries to identify each item requiring demilitarization and the type of demilitarization required.

Abbreviation used: **USML** = **United States Munitions List** (this is initially a term used in the United States, but other countries may have prepared national lists or many have adopted the US list).

Code			Explanation	Note
A			Demilitarization not required.	For USA: Non-USML
B			Mutilation to the point of scrap required worldwide.	For USA: USML
C			DEMIL required. Remove and/or demilitarize installed key point(s) eventually as prescribed in national demilitarization manuals, or lethal parts, components and accessories.	For USA: USML
D			DEMIL required. Destroy item and components to prevent restoration or repair to a usable condition.	For USA: USML
E			Demilitarization to be furnished by the DoD or national Demilitarization Program Office.	For USA: USML
F			DEMIL required. Item/Technical Managers or Equipment/Product Specialists will furnish Special DEMIL instructions.	For USA: USML
G			DEMIL required – Ammunition and Explosives (AE). Demilitarization, and if required, declassification and/or removal of sensitive marking or information, will be accomplished prior to physical transfer to a DLA Disposition Services site or national disposal office. This code will be used for all Atomic Energy Defense Activities (AEDA) items, including those which also require declassification and/or removal of sensitive markings or information.	For USA: USML (AEDA)
P			DEMIL required. Security Classified Item - Declassification, and any other required demilitarization, and removal of any sensitive markings or information, will be accomplished prior to accountability or physical transfer to a DLA Disposition Services site or national disposal office. This code will not be assigned to Ammunition, Explosive, and Dangerous Articles (AEDA).	For USA: USML (Security Classified Items)
Q			Mutilation to the point of scrap required outside the United States. In the United States, mutilation requirement determined by the DEMIL Integrity Code. DOD Trade Security Controls (TSC) required in the United States.	Only for USA use. Commerce Control List Items (CCLI)

Code			Explanation	Note
NULL			Demilitarization code is not used by the country logistics.	

NOTES :

1. Additional information may be found in the U.S. Defense Materiel Disposition: Disposal Guidance and Procedures, DoDM 4160.28, Volume 2, available online at http://www.esd.whs.mil/Directives/issuances/dodm/ and FLIS Technical Procedures Volume 10, Table 38 (Demilitarization Codes).
2. DEMIL Codes H, J, K, L, M, N, and X were removed from this table because they are no longer valid codes for input as per U.S. DoD 4160.21-M-1. When performing maintenance actions on NSNs, please review these codes.

See DRN 0167 for format.

Table 126 - US ADPE Identification Code

See DoD 4100.39-M, Volume 10, Table 159, available online at FLIS Technical Procedures

See DRN 0801 for format

Table 127 - FSCs in US Requiring ADPE Identification Code

See DoD 4100.39-M, Volume 10, Table 161, available online at FLIS Technical Procedures

Table 128 - US Precious Metals Indicator Code (PMIC)

See DoD 4100.39-M, Volume 10, Table 160, available online at FLIS Technical Procedures

See DRN 0802 for format.

Table 129 - Type of Organisational Entity Code (TYPE O.E. CODE)

A code which specifies the role of an entity with regard to NATO codification and/or military logistics agencies.

Type Code (2)		Explanation	Responsible Organisation
A		US/Canada manufacturers	US NCB (1) (DLA Logistics Information Service-SBB)
C		Civilian Standards and Standards Organisations, including non-military government standards and standards organisations (example: ISO, DIN, BS, ANSI, etc.)	By country
E	D	Non-US manufacturers which allocate source control reference	France only
	E	Non-US manufacturers	By country
F		Non-manufacturers - Entities of the following types which do not manufacture: - Vendors/distributors - Sales offices - Retail establishments - Wholesale or jobbing establishments	By country
G		Service providers - Organisational entities that provide intangible services rather than products, such as the following: - Service organisations - Professional organisations, including engineering, construction and mining firms - Banks and universities - Providers of services, including consultation, training, research studies. These NCAGEs may be assigned to individuals.	By country
H		Government departments or units, including military organisations	By country
I		AC/135 allocated special codes (example: IREF0)	By country
M		Military Standards and Standards Organisations (example: STANAGS, MILSPECs, DEFSTANs, etc).	By country

NOTES:

(1) For Canadian manufacturers, codes will be maintained by Canada.

(2) Only one NCAGE shall be assigned to each entity. If an entity is a manufacturer, distributor, and/or a service provider, the Type Code shall be assigned based on the predominant activity of the entity (c.f. Chapter II, sub-paragraph 243.1.9).

See DRN 4238 for format.

Table 130 - Reason for Return/Notification Code

The following codes are applicable to **DIC K27 Output**.

Code	Definition	Explanation of Entry Required in addition to Code
500	NCAGE Code and Reference Number. These data are mandatory on K27 Output if more than one Reference is submitted under the same DCN.	Yes

The following codes indicate an LSA request has been rejected. Use of these codes will change the Transaction Status Code (DRN 0854) in Suspense File to "ND" :

601	Incomplete request; the request is part of a project exceeding the volume of LSAs identified in CodSP-71 by the codifying NCB, and the mandatory exchange of information was never received by the codifying NCB (See sub-paragraph 134.1.1 for instructions on completing NATO Form AC/135-No 1) or, minimum data is not provided (see sub-paragraph 434.10.1, Instructions for Completion of NATO Form AC/135-No 7, Note 2)	Yes
602	Invalid NCAGE Code or company no longer in operation. No information can be gathered	Optional
603	The item of supply you have requested is part of an assembly and cannot be codified on its own. The Reference of the assembly follows. Review and resubmit your request if required	Yes
604	Reference Number not known to manufacturer or is not provided for in the standard quoted as a reference number in the originating LSA	Optional
605	Submitted Reference does not enable item to be identified	Yes
606	The manufacturer will not verify the Reference or would not respond to inquiries	Yes
607	The manufacturer refuses to confirm Reference(s) and/or Item Name(s) free of charge	Optional
608	Item no longer manufactured ; identification documents can no longer be obtained from the manufacturer	Optional
609	Item replaced by following item ; please check whether the new part will meet your requirements and, if so, submit a new request	Yes
610	This country is not the country of origin of the item; if known, available information (NCAGE, Reference, country, NSN, etc.) follows	Yes
611	This LSA is a duplicate of the LSA submitted under the following Document Control Number or the request has been cancelled by the originating country (fax, E-mail, telephone)	Yes
612	Item already codified under the following NSN ; you are already registered as a user	Yes
613	Any other reject reason	Yes (1)

Code	Definition	Explanation of Entry Required in addition to Code

The following codes indicate an LSA request is being carried out but with at least one change. Use of these codes will not change the Transaction Status Code (DRN 0854) in Suspense File :

701	Revised Reference Number ; your request will be processed under the following new Reference Number	Yes
702	Revised NCAGE Code ; your request will be processed under the following new NCAGE Code	Yes
703	Item already codified under the following NSN ; your country will be registered as a user	Yes
704	Any other change(s); your request is processed with the value identified by the code of the data (DRN)	Yes (2)

Miscellaneous codes :

May only be used if a 600 series or 700 series code is entered.

801	Relevant correspondence or documents are being mailed with DIC K27.	No
803	Miscellaneous comments	Yes (3)

NOTES :

(1) Code **613** is used to :

- state a reject reason other than those defined by codes **601 through 612**

(2) Code **704** is applied to identify following revised data :

- NATO Supply Class (DRN **3990**)
- Item Name Code (DRN **4080**) or Non-Approved Item Name (DRN **5020**)
- Item Characteristics (DRN **3445**)

Recommended Output Examples:

```
K27A01401ZB11333T150130       00         LSA ZB
K27Z02401ZB11333T150130       00       R7325 704 3990 6140#
K27A01401ZB11333T150131       00         LSA ZB
K27Z02401ZB11333T150131       00       R7325 704 4080 00013#
K27A01401ZB11333T150132       00         LSA ZB
K27Z02401ZB11333T150132       00       R7325 704 3990 6140 AND 4080 00013#
K27A01401ZB11333T150133       00         LSA ZB
K27Z02401ZB11333T150133       00       R7325 704 5020 SEAL,INDICATOR LIGHT#
K27A01401ZB11333T150134       00         LSA ZB
K27Z02401ZB11333T150134       00       R7325 704 3445 AEXT AQGL ELEC#
```

(3) Code **803** is used to :

- forward additional information related to one of blocks **601 through 613 or 701 through 704**

Table 131 - Request for Codification and Registration of User Code

The following codes are applicable to DIC L07 Input.

Code	Definition	Format
050	Total quantity of DCNs	4N
060	NATO Form AC/135-No 1 Control Number (9 characters without the revision No) prior transmitted	9X
070	NATO Codification Project Code (DRN 1057)	3X
081	Name of equipment	255X
082	Type or model	255X
083	Assembly	255X
084	NCAGE Code of Manufacturer	5X
085	User service	75X
086	Other information	255X
087	LSA requests grouped by: - the same type of equipment or assembly - the same constructor or contractor - the same manufacturer - the same family of items or class - the same user	255X
091	NCAGE Code of Main contractor	5X
092	NCAGE Code, if available, or name and address of Sub-contractor	255X
093	Contract number and date	75X
094	Codification contract clause (Y or N)	1A
095	Documentation (Main Contractor = M ; Sub-Contractor = S ; Other Sources = O)	1A
096	Attachments (Y or N)	1A
097	Order Number	75X
100	Remarks	255X
110	Origin of Reference Numbers	75X
120	Signature	75X

See DRN 2179 for format.

Table 136 - Reason Codes for proposed cancellation of NATO Stock Number in DIC L23 and DIC K23 transactions

A) Reason Codes in DIC L23

Code	Explanation
A	Change in item of supply concept
B	Error in NSN reference
C	Substitute item
D	Non-standard item
E	Item is no longer available from manufacturer
F	Other reason
G	Duplicate NSN

B) Reason Codes in DIC K23

Code	Explanation	
Q	Concur:	(earlier than 60 days)
X	Concur:	Item needs to be maintained in the TIR until exhaustion of stock.
Y	Concur:	Item needs to be maintained in the TIR until the end item is withdrawn from circulation.
Z	Nonconcur:	Reason for reject.

See DRN 6998 for format.

Table 137 - US State and Canadian Province Codes applicable to the STE field of revised KHN procedure

A) US State / Possession Codes

State / Possession	Code
ALABAMA	AL
ALASKA	AK
AMERICAN SAMOA	AS
ARIZONA	AZ
ARKANSAS	AR
CALIFORNIA	CA
COLORADO	CO
CONNECTICUT	CT
DELAWARE	DE
DISTRICT OF COLUMBIA	DC
FEDERATED STATES OF MICRONESIA	FM
FLORIDA	FL
GEORGIA	GA
GUAM	GU
HAWAII	HI
IDAHO	ID
ILLINOIS	IL
INDIANA	IN
IOWA	IA
KANSAS	KS
KENTUCKY	KY
LOUISIANA	LA
MAINE	ME
MARSHALL ISLANDS	MH
MARYLAND	MD
MASSACHUSETTS	MA
MICHIGAN	MI
MINNESOTA	MN
MISSISSIPPI	MS
MISSOURI	MO
MONTANA	MT
NEBRASKA	NE
NEVADA	NV
NEW HAMPSHIRE	NH
NEW JERSEY	NJ
NEW MEXICO	NM
NEW YORK	NY
NORTH CAROLINA	NC

State / Possession	Code
NORTH DAKOTA	ND
NORTHERN MARIANA ISLANDS	MP
OHIO	OH
OKLAHOMA	OK
OREGON	OR
PALAU	PW
PENNSYLVANIA	PA
PUERTO RICO	PR
RHODE ISLAND	RI
SOUTH CAROLINA	SC
SOUTH DAKOTA	SD
TENNESSEE	TN
TEXAS	TX
TRUST TERRITORIES	TT
UTAH	UT
VERMONT	VT
VIRGIN ISLANDS	VI
VIRGINIA	VA
WASHINGTON	WA
WEST VIRGINIA	WV
WISCONSIN	WI
WYOMING	WY
ARMED FORCES AFRICA	*AA
ARMED FORCES AMERICAS (EXCEPT CANADA)	*AA
ARMED FORCES CANADA	*AE
ARMED FORCES EUROPE	*AE
ARMED FORCES MIDDLE EAST	*AE
ARMED FORCES PACIFIC	*AP

NOTE :

* US overseas military bases have State codes of AE, AA, or AP and do not normally have physical addresses. Their mail delivery is through the armed forces mail system and does not go through civilian postal systems at all. All US overseas military installations should have this type of address. They are considered part of the US NCAGE responsibility, regardless of where they are physically located.

B) Canadian Province Codes

Province	Code
ALBERTA	AB
BRITISH COLUMBIA	BC
MANITOBA	MB
NEW BRUNSWICK	NB
NEWFOUNDLAND AND LABRADOR	NL
NORTHWEST TERRITORIES	NT
NOVA SCOTIA	NS
NUNAVUT	NU
ONTARIO	ON
PRINCE EDWARD ISLAND	PE
QUEBEC	QC
SASKATCHEWAN	SK
YUKON TERRITORY	YT

Table 138 – NSN Maintenance Request Reason Codes

A) Reason Codes for Request Action in NATO Form AC/135-No 34A

Code	Definition
A	Add Reference(s) / Delete Reference(s) / Change Reference(s) and related codes
B	Cancel NSN as duplicate - LKD
C	Change Item Name / Change NSC / Change NSC and Definition
D	Add / Change / Delete Characteristics
E	Reinstate NSN
F	NON AIN translation is not in English
G	Miscellaneous

B) Reason Codes for Process Stage in NATO Form AC/135-No 34B

Code	Definition
W	Transaction completed
X	Transaction rejected : the request contains errors
Y	Transaction rejected : the request is unprocessable
Z	Transaction in process

NOTE :

See Chapter IV, Sub-Section 445 – NSN Maintenance and standard form for tracking manual maintenance actions

Table 139 – Master Requirement Code (MRC)

Code assigned to each different approved IIG requirement. The MRC serves to identify the item characteristic defined by the requirement.

The list below shows the standard / additional MRCs applicable to all IIG.

Scope of application	MRC	Requirement statement
Purchases	ZZZP	Purchase description identification
Descriptive characteristics	CRTL	Criticality code justification
	ELCD	Extra-long characteristic description
	FEAT	Special / Supplementary features
	PRPY	Proprietary characteristics
	TEXT	General characteristics item description
	ZZZW	Departure from cited document
	ZZZX	Departure from cited designator
	ZZZY	Reference number differentiating characteristics
Classification	ZZZV	FSC application data
Item Name	CLQL	Colloquial name
	CXCY	Part name assigned by controlling agency
Tests	SPCL	Special test features
	TEST	Test data document
Specification/ Standard data	ZZZK	Specification/standard data
	ZZZT	Non-definitive specification / standard data
	ZZZW	Departure from cited document
	ZZZX	Departure from cited designator
Reference number	ELRN	Extra-long reference number

See DRN 3445 for format.

Section 560 - Tables on Harmonised Outputs Referred to Corresponding Input Transactions

Sub-Section 561 - Introduction

561.1 This section contains tables showing within the international exchange of data all possible output related to corresponding input transactions and represented by the output DICs to be used or in case of a reject by the output DIC indicating the notification of return or unprocessable input package.

561.2 Each table consists of two parts :

Part A (Input validation control) containing

- Data elements required
- Record positions containing the data elements
- Value control carried out
- Recommended output
  - DIC
  - Segment
  - DRN
  - Return Code
- Comments if required

Part B (Processing study) containing

- Various possible cases
- Only acceptable output
- Comments if required

561.3 As long as error conditions are indicated the tables should be considered as recommendations reflecting the fact that it will be neither necessary nor possible to harmonize completely all relevant codes and segments for rejects.

Participants in the international exchange of data, however, are invited to follow the recommendations as far as their national file structure and the programs applied will allow to do so.

Part B of the tables reflect rejects and other output represented by the output DICs according to the possible situations that can occur.

In general it should be said that output data shall contain only those codes and data that have been accepted in the framework of the international exchange of data and that can be found in Section 540.

Sub-Section 562 - Tables

562.1 LAR transaction

Before input validation starts, the DCN (DRN 1015) will be checked to see if it is already recorded in the suspense file. If it is, the input will be rejected KRU, Segment P, DRN 1015, Return Code GW.

562.1.1 LAR transaction → Input validation control

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
1	DIC (3920)	1-3	1. Must be present 2. Must be an existing code 3. Must be authorised for the Submitter Code 4. Must be identical in all records if submittal of this DIC contains two or more records with the same Document Control Number.	KRU KRU KRU KRU	P Q P P	3920 3920 3920 3920	MI IV LV 5N	
2	PSN (1070)	4-6	1. Must be present 2. Must be in accordance with the prescribed structure (see Sub-Section 543, DRN 1070)	KRU KRU	P Q	1070 1070	MI IV	
3	PIC (2867)	7	Is not controlled					
4	Originator Code (4210)	8-9	1. Must be present 2. Must be a combination of letters and/or figures and no other character.	KRU KRU	P Q	4210 4210	MI IV	
5	Submitter Code (3720)	10-11	Must appear in Sub-Section 553, Table 18	(1)	(1)	(1)	(1)	(1)
6	Transaction Date (2310)	12-16	1. Must be present 2. Must be numerical 3. Must not exceed 366	KRU KRU KRU	P Q Q	2310 2310 2310	MI IV IV	

562.1.1 LAR transaction → Input validation control

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
7	DCSN (1000)	17-23	1. Must be present 2. Must be in prescribed form (see Sub-Section 543, DRN 1000)	KRU KRU	P Q	1000 1000	MI IV	
8	Assigned NSN (3960)	27-39	1. Must be present 2. Must be in prescribed form (see Sub-Section 543, DRN 3960) 3. Must be identical in all records if submittal of this DIC contains two or more records with the same Document Control Number 4. The 5th and 6th character must be the code of the processing NCB.	KRU KRU KRU KRE	P Q P Q	3960 3960 3960 3960	MI IV 5N AU	
9	Segment Code (8999)	40	1. Must be present 2. Must be “C”.	KRU KRU	P Q	8999 8999	MI IV	
10	RNFC (2920)	42	1. a. First record; (1) Must be present (2) Must be “1”, “4” or “5” b. Second record : Must be blank.	 KRU KRU KRU	 P Q Q	 2920 2920 2920	 MI IV IV	
11	RNCC (2910)	44	1. a. First record; (1) Must be present (2) Must be “5” or "6" b. Second record : Must be blank.	 KRU KRU KRU	 P P Q	 2910 2910 2910	 MI UJ IV	

562.1.1 LAR transaction → Input validation control

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
12	RNVC (4780)	46	1. a. First record; (1) Must be present (2) Must be “1” , “2” , “3” or “9” b. Second record : Must be blank. 2. Invalid combination RNVC-RNCC 3. Extra Long Reference Number Indicator Code present with RNVC other than ”1”.	 KRU KRU KRU KRE KRE	 P Q Q P P	 4780 4780 4780 9102 4780	 MI IV IV TD UG	
13	DAC (2640)	48	1. a. First record; (1) Must be present (2) Must appear in Sub-Section 553, Table 05 b. Second record : Must be blank. 2. Invalid combination RNCC-DAC	 KRU KRU KRU KRE	 P Q Q P	 2640 2640 2640 9102	 MI IV IV BZ	
14	RNAAC (2900)	50-51	1. a. First record; (1) Must be present (2) Must match the Submitter Code (DRN 3720) b. Second record : Must be blank.	 KRU KRE KRU	 P P Q	 2900 3720 2900	 MI RS IV	
15	RNSC (2923)	53	1. a. First record; (1) Must be present (2) Must appear in Sub-Section 553, Table 14 b. Second record : Must be blank.	 KRU KRU KRU	 P Q Q	 2923 2923 2923	 MI IV IV	
16	RNJC (2750)	54	1. a. First record; If present must appear in Sub-Section 553, Table 06 b. Second record : Must be blank.	 KRU KRU	 Q Q	 2750 2750	 IV IV	

562.1.1 LAR transaction → Input validation control

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
17	NCAGE Code (4140)	55-59	1. a. First record; (1) Must be present (2) The NCAGE Code and the NSN may not represent the same country (3) Must be in prescribed form (see CodSP-3) b. Second record : Must be blank.	 KRU KRE KRU KRU	 P P Q Q	 4140 4140 4140 4140	 MI AE IV IV	
18	Reference Number (3570)	60-75	1. Must be present 2. Must be in accordance with ACodP-1 rules.	KRU KRE	P P	3570 3570	MI OP	
19	CIC (8555)	80	1. Must be present 2. Must be “1” or “J” in 1st record - if only one record exists : must be “1” - if record 2 is also present : must be “J” 3. Must be “2” in 2nd record.	KRU KRU KRU	P Q Q	8555 8555 8555	MI IV IV	

COMMENTS: (1) This case generated an internal output in the processing NCB which receive manual handling.

562.1.2 LAR Transaction → Processing study

	Various possible cases	Only acceptable output	Comments
1	The NIIN submitted is not in the TIR of the processing NCB	KRE P 4000 FN	
2	The submitted NSC differs from the NSC shown in the TIR.	KRE Q 3990 EC (1)	(1) Only in case of NIIN Status Code 0. In other cases the reply KFS is given and the Submitted NSC is mentioned in columns 49-52 of Segment K.
3	The submitter Code is not registered as a user of the item.	KRE P 8290 NR	
4	The NIIN Status Code of the submitted NIIN is : (a) 0 (b) 9 (c) 3, 5, or 7 (d) 4 or 8	 KAR (2) KFS + KFD KFS + KFD (3) KFS	 (2) KAR is given to the submitter and shown users when the validation steps have been completed. (3) If the first replacement NSN has also been replaced, processing will continue until the third replacement NSN (4th NSN) is reached as applicable. The output package will contain a KFS Output Header followed by a KFS Segment K for each cancelled NSN in the chain (maximum 4 Segments K). If an active NSN (NIIN Status Code 0) or inactive NSN (NIIN Status Code 6) is found on or before the third cancelled NSN is reached, the output package will also contain KFD TIR data.
5	The Reference Number was submitted with a RNJC but did not match a Reference Number in the TIR.	KRE P 2750 JR	
6	The Reference Number submitted with a RNJC created an actual duplicate of an item in the TIR.	KRE P 2750 KP+KFD	

562.1.2 LAR Transaction → Processing study

	Various possible cases	Only acceptable output	Comments
7	The submitted NCAGE Code is cancelled without replacement.	KRE Q 4140 TC	
8	The reference to be added is already registered in the TIR under the submitted NSN.	KRE P 9102 SM	
9	Two or more identical References submitted under the DCN.	KRE P 9102 SM	
10	The Reference Number submitted without a RNJC and with a valid RNCC different of 6, matches a Reference Number in the TIR under a different NSN.	KRP + KFD	
11	The Reference Number submitted without a RNJC and with a valid RNCC different of 6, matches a Reference Number in the TIR through association under a different NSN.	KRP + KFA	
12	The RNCC is 5 and the RNVC 2 and the NSN has a Standard code RNCC-RNVC 2-2.	KRE P 3570 CM	Your country is not authorised to submit this transaction directly.
13	The submittal contains an NCAGE Code which reflects a NCAGESD Code of C, E, F, H, U or W and the RNCC / RNVC combination is other than 2-9, 3-9, 5-9, 7-9 or C-1.	KRE P 4780 EQ	
14	The Reference Number is submitted with a valid RNCC different of 6 and the NSN type is different of 1, 2 or 4.	KRE P 3570 CM	Your country is not authorised to submit this transaction directly, except for informative references (RNCC 6) which are added by an automatic LAR request.
15	The Reference Number is submitted with a valid RNCC different of 6 and the NSN has a Reference with a RNCC 1.	KRE P 3570 CM	Your country is not authorised to submit this transaction directly, except for informative references (RNCC 6) which are added by an automatic LAR request.

562.2 LAU transaction

Before input validation starts, the DCN (DRN 1015) will be checked to see if it is already recorded in the suspense file. If it is, the input will be rejected KRU, Segment P, DRN 1015, Return Code GW.

562.2.1 LAU transaction → Input validation control

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
1	DIC (3920)	1-3	1. Must be present 2. Must be an existing code 3. Must be authorised for the Submitter Code	KRU KRU KRU	P Q P	3920 3920 3920	MI IV LV	
2	PSN (1070)	4-6	1. Must be present 2. Must be Z01.	KRU KRU	P Q	1070 1070	MI IV	
3	PIC (2867)	7	Is not controlled					
4	Originator Code (4210)	8-9	1. Must be present 2. Must be a combination of letters and/or figures and no other character.	KRU KRU	P Q	4210 4210	MI IV	
5	Submitter Code (3720)	10-11	Must appear in Sub-Section 553, Table 18	(1)	(1)	(1)	(1)	(1)
6	Transaction Date (2310)	12-16	1. Must be present 2. Must be numerical 3. Must not exceed 366.	KRU KRU KRU	P Q Q	2310 2310 2310	MI IV IV	
7	DCSN (1000)	17-23	1. Must be present 2. Must be in prescribed form (see Sub-Section 543, DRN 1000)	KRU KRU	P Q	1000 1000	MI IV	

562.2.1 LAU transaction → Input validation control

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
8	Assigned NSN (3960)	27-39	1. The fifth and sixth character must be the code of the processing NCB. 2. Must be in prescribed form (see Sub-Section 543, DRN 3960) 3. Must be present	KRE KRU KRU	Q Q P	3960 3960 3960	AU IV MI	
9	Segment Code (8999)	40	1. Must be present 2. Must be “B”.	KRU KRU	P Q	8999 8999	MI IV	
10	MOE Rule Number (8290)	41-44	1. Must be present 2. Must be an existing code 3. Must correspond to the Submitter Code	KRE KRE KRE	P Q P	8290 8290 3720	MI IV RS	
11	CIC (8555)	80	1 Must be present 2. Must be “1”.	KRU KRU	P Q	8555 8555	MI IV	

COMMENTS: (1) This case generates an internal output in the processing NCB which must receive manual handling.

562.2.2 LAU transaction → Processing study

	Various possible cases	Only acceptable output	Comments
1	The NIIN submitted is not in the TIR of the processing NCB	KRE P 4000 FN	
2	The submitted NSC differs from the NSC shown in the TIR.	KRE Q 3990 EC (1)	(1) Only in case of NIIN Status Code 0 or 6. In other cases the reply KFS is given and the Submitted NSC is mentioned in columns 49-52 of Segment K.
3	The submitter Code is already shown as a user.	KRE P 8290 SM +KFD	
4	The NIIN Status Code of the submitted NIIN is : (a) 0 or 6 (b) 9 (c) 3, 5, or 7 (d) 4 or 8	 KAT (2) KFS + KFD KFS + KFD (3) KFS	 (2) KAT is given to the submitter. KAU is given to the other shown users. (3) If the first replacement NSN has also been replaced, processing will continue until the third replacement NSN (4th NSN) is reached as applicable. The output package will contain a KFS Output Header followed by a KFS Segment K for each cancelled NSN in the chain (maximum 4 Segments K). If an active NSN (NIIN Status Code 0) or inactive NSN (NIIN Status Code 6) is found on or before the third cancelled NSN is reached, the output package will also contain KFD TIR data.
5	The NSN is handled by the Nuclear Ordnance Agency (4)	KRE Q 3720 LV (with value XA)	(4) This control is effected only in the United States. There is no provision for this case in Chapter V.

562.3 LCR transaction

Before input validation starts, the DCN (DRN 1015) will be checked to see if it is already recorded in the suspense file. If it is, the input will be rejected KRU, Segment P, DRN 1015, Return Code GW.

562.3.1 LCR transaction → Input validation control

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
1	DIC (3920)	1-3	1. Must be present 2. Must be an existing code 3. Must be authorised for the Submitter Code 4. Must be identical in all records if submittal of this DIC contains two or more records with the same Document Control Number.	KRU KRU KRU KRU	P Q P P	3920 3920 3920 3920	MI IV LV 5N	
2	PSN (1070)	4-6	1. Must be present 2. Must be in accordance with the prescribed structure (see Sub-Section 543, DRN 1070)	KRU KRU	P Q	1070 1070	MI IV	
3	PIC (2867)	7	Is not controlled					
4	Originator Code (4210)	8-9	1. Must be present 2. Must be a combination of letters and no other character.	KRU KRU	P Q	4210 4210	MI IV	
5	Submitter Code (3720)	10-11	Must appear in Sub-Section 553, Table 18	(1)	(1)	(1)	(1)	(1)
6	Transaction Date (2310)	12-16	1. Must be present 2. Must be numerical 3. Must not exceed 366	KRU KRU KRU	P Q Q	2310 2310 2310	MI IV IV	

562.3.1 LCR transaction → Input validation control

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
7	DCSN (1000)	17-23	1. Must be present 2. Must be in prescribed form (see Sub-Section 543, DRN 1000)	KRU KRU	P Q	1000 1000	MI IV	
8	Assigned NSN (3960)	27-39	1. The fifth and sixth character must be the code of the processing NCB. 2. Must be in prescribed form (see Sub-Section 543, DRN 3960) 3. Must be present 4. Must be identical in all records if submittal of this DIC contains two or more records with the same Document Control Number.	KRE KRU KRU KRU	Q Q P P	3960 3960 3960 3960	AU IV MI 5N	
9	Segment Code (8999)	40	1. Must be present 2. Must be “C”.	KRU KRU	P Q	8999 8999	MI IV	
10	RNFC (2920)	42	1. a. First record; If present must be “1”, “4” or “5” b. Second record : Must be blank.	KRU KRU	Q Q	2920 2920	IV IV	
11	RNCC (2910)	44	1. a. First record; If present must be “5” or "6" b. Second record : Must be blank.	KRU KRU	P Q	2910 2910	UJ IV	

562.3.1 LCR transaction → Input validation control

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
12	RNVC (4780)	46	1. a. First record; If present must be “1” , “2” , “3” or “9” b. Second record : Must be blank. 2. Invalid combination RNVC-RNCC 3. Extra Long Reference Number Indicator Code present with RNVC other than ”1”.	 KRU KRU KRE KRE	 Q Q P P	 4780 4780 9102 4780	 IV IV TD UG	
13	DAC (2640)	48	1. a. First record; Blank or must appear in Sub-Section 553, Table 05 b. Second record : Must be blank. 2. Invalid combination RNCC-DAC	 KRU KRU KRE	 Q Q P	 2640 2640 9102	 IV IV BZ	
14	RNSC (2923)	53	1. a. First record; Blank or must appear in Sub-Section 553, Table 14 b. Second record : Must be blank.	 KRU KRU	 Q Q	 2923 2923	 IV IV	
15	NCAGE Code (4140)	55-59	1. a. First record; (1) Must be present (2) The NCAGE Code and the NSN may not represent the same country b. Second record : Must be blank.	 KRU KRE KRU	 P P Q	 4140 4140 4140	 MI AE IV	
16	Reference Number (3570)	60-75	1. Must be present	KRU	P	3570	MI	

562.3.1 LCR transaction → Input validation control

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
17	CIC (8555)	80	1. Must be present 2. Must be “1” or “J” in 1st record - if only one record exists : must be “1” - if record 2 is also present : must be “J” 3. Must be “2” in 2nd record.	KRU KRU KRU	P Q Q	8555 8555 8555	MI IV IV	

COMMENTS: (1) This case generated an internal output in the processing NCB which must receive manual handling.

562.3.2 LCR transaction → Processing study

	Various possible cases	Only acceptable output	Comments
1	The NIIN submitted is not in the TIR of the processing NCB	KRE P 4000 FN	
2	The submitted NSC differs from the NSC shown in the TIR.	KRE Q 3990 EC (1)	(1) Only in case of NIIN Status Code 0. In other cases the reply KFS is given and the Submitted NSC is mentioned in columns 49-52 of Segment K.
3	The Submitter Code is not registered as a user of the item.	KRE P 8290 NR	
4	The NIIN Status Code of the submitted NIIN is : (a) 0 (b) 9 (c) 3, 5, or 7 (d) 4 or 8	 KCR (2) KFS + KFD KFS + KFD (3) KFS	 (2) KCR is given to the submitter and shown users when the validation steps have been completed. (3) If the first replacement NSN has also been replaced, processing will continue until the third replacement NSN (4th NSN) is reached as applicable. The output package will contain a KFS Output Header followed by a KFS Segment K for each cancelled NSN in the chain (maximum 4 Segments K). If an active NSN (NIIN Status Code 0) or inactive NSN (NIIN Status Code 6) is found on or before the third cancelled NSN is reached, the output package will also contain KFD TIR data.

562.3.2 LCR transaction → Processing study

	Various possible cases	Only acceptable output	Comments
5	The Submitter Code differs from the RNAAC in the TIR or from NSN assigning nation when RNAAC is not registered as a user.	KRE P 3720 RS	
6	NCAGE Code and Reference Number are not recorded in the TIR against the NSN.	KRE P 3570 DN	
7	Identical data elements (DRN 4140 and DRN 3570) to be processed are included on more than one Segment C within the same transaction.	KRE P 9102 SM	
8	The submittal contains an NCAGE Code which reflects a NATO Commercial and Government Entity Status Designator Code of C, E, F, H, U or W and the RNCC / RNVC combination is other than 2-9, 3-9, 5-9, 7-9 or C-1	KRE P 4780 EQ	

562.4 LDR transaction

Before input validation starts, the DCN (DRN 1015) will be checked to see if it is already recorded in the suspense file. If it is, the input will be rejected KRU, Segment P, DRN 1015, Return Code GW.

562.4.1 LDR transaction → Input validation control

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
1	DIC (3920)	1-3	1. Must be present 2. Must be an existing code 3. Must be authorised for the Submitter Code 4. Must be identical in all records if submittal of this DIC contains two or more records with the same Document Control Number.	KRU KRU KRU KRU	P Q P P	3920 3920 3920 3920	MI IV LV 5N	
2	PSN (1070)	4-6	1. Must be present 2. Must be in accordance with the prescribed structure (see Sub-Section 543, DRN 1070)	KRU KRU	P Q	1070 1070	MI IV	
3	PIC (2867)	7	Is not controlled					
4	Originator Code (4210)	8-9	1. Must be present 2. Must be a combination of letters and/or figures and no other character.	KRU KRU	P Q	4210 4210	MI IV	
5	Submitter Code (3720)	10-11	Must appear in Sub-Section 553, Table 18	(1)	(1)	(1)	(1)	(1)
6	Transaction Date (2310)	12-16	1. Must be present 2. Must be numerical 3. Must not exceed 366	KRU KRU KRU	P Q Q	2310 2310 2310	MI IV IV	

562.4.1 LDR transaction → Input validation control

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
7	DCSN (1000)	17-23	1. Must be present 2. Must be in prescribed form (see Sub-Section 543, DRN 1000)	KRU KRU	P Q	1000 1000	MI IV	
8	Assigned NSN (3960)	27-39	1. The fifth and sixth character must be the code of the processing NCB. 2. Must be in prescribed form (see Sub-Section 543, DRN 3960) 3. Must be present 4. Must be identical in all records if submittal of this DIC contains two or more records with the same Document Control Number.	KRE KRU KRU KRU	Q Q P P	3960 3960 3960 3960	AU IV MI 5N	
9	Segment Code (8999)	40	1. Must be present 2. Must be “C”.	KRU KRU	P Q	8999 8999	MI IV	
10	RNFC (2920)	42	Is not controlled					
11	NCAGE Code (4140)	55-59	1. a. First record; (1) Must be present b. Second record : Must be blank.	KRU KRU	P Q	4140 4140	MI IV	
12	Reference Number (3570)	60-75	1. Must be present.	KRU	P	3570	MI	

562.4.1 LDR transaction → Input validation control

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
13	CIC (8555)	80	1. Must be present 2. Must be “1” or “J” in 1st record - if only one record exists : must be “1” - if record 2 is also present : must be “J” 3. Must be “2” in 2nd record.	KRU KRU KRU	P Q Q	8555 8555 8555	MI IV IV	

COMMENTS: (1) This case generated an internal output in the processing NCB which must receive manual handling.

562.4.2 LDR transaction → Processing study

	Various possible cases	Only acceptable output	Comments
1	The NIIN submitted is not in the TIR of the processing NCB	KRE P 4000 FN	
2	The submitted NSC differs from the NSC shown in the TIR.	KRE Q 3990 EC (1)	(1) Only in case of NIIN Status Code 0. In other cases the reply KFS is given and the Submitted NSC is mentioned in columns 49-52 of Segment K.
3	The Submitter Code is not registered as a user of the item.	KRE P 8290 NR	
4	The NIIN Status Code of the submitted NIIN is :		
	(a) 0	KDR (2)	(2) KDR is given to the submitter and shown users when the validation steps have been completed.
	(b) 9	KFS + KFD	
	(c) 3, 5, or 7	KFS + KFD (3)	(3) If the first replacement NSN has also been replaced, processing will continue until the third replacement NSN (4th NSN) is reached as applicable. The output package will contain a KFS Output Header followed by a KFS Segment K for each cancelled NSN in the chain (maximum 4 Segments K). If an active NSN (NIIN Status Code 0) or inactive NSN (NIIN Status Code 6) is found on or before the third cancelled NSN is reached, the output package will also contain KFD TIR data.
	(d) 4 or 8	KFS	

562.4.2 LDR transaction → Processing study

	Various possible cases	Only acceptable output	Comments
5	NCAGE Code and Reference Number are not recorded in the TIR against the NSN.	KRE P 3570 DN	
6	The Submitter Code differs from the RNAAC in the TIR or from NSN assigning nation when RNAAC is not registered as a user.	KRE P 3720 RS	
7	The NCAGE Code submitted and the NSN represent the same country.	KRE P 4140 AE	
8	Identical data elements (DRN 4140 and DRN 3570) to be processed are included on more than one Segment C within the same transaction.	KRE P 9102 SM	

562.5 LDU transaction

Before input validation starts, the DCN (DRN 1015) will be checked to see if it is already recorded in the suspense file. If it is, the input will be rejected KRU, Segment P, DRN 1015, Return Code GW.

562.5.1 LDU transaction → Input validation control

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
1	DIC (3920)	1-3	1. Must be present 2. Must be an existing code 3. Must be authorised for the Submitter Code.	KRU KRU KRU	P Q P	3920 3920 3920	MI IV LV	
2	PSN (1070)	4-6	1. Must be present 2. Must be Z01.	KRU KRU	P Q	1070 1070	MI IV	
3	PIC (2867)	7	Is not controlled					
4	Originator Code (4210)	8-9	1. Must be present 2. Must be a combination of letters and/or figures and no other character.	KRU KRU	P Q	4210 4210	MI IV	
5	Submitter Code (3720)	10-11	Must appear in Sub-Section 553, Table 18	(1)	(1)	(1)	(1)	(1)
6	Transaction Date (2310)	12-16	1. Must be present 2. Must be numerical 3. Must not exceed 366	KRU KRU KRU	P Q Q	2310 2310 2310	MI IV IV	
7	DCSN (1000)	17-23	1. Must be present 2. Must be in prescribed form (see Sub-Section 543, DRN 1000)	KRU KRU	P Q	1000 1000	MI IV	

562.5.1 LDU transaction → Input validation control

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
8	Assigned NSN (3960)	27-39	1. The fifth and sixth character must be the code of the processing NCB. 2. Must be in prescribed form (see Sub-Section 543, DRN 3960) 3. Must be present.	KRE KRU KRU	Q Q P	3960 3960 3960	AU IV MI	
9	Segment Code (8999)	40	1. Must be present 2. Must be “T”.	KRU KRU	P Q	8999 8999	MI IV	
10	MOE Rule Number (8290)	42-45	1. Must be present 2. Must be an existing code 3. Must correspond to the Submitter Code	KRE KRE KRE	P Q P	8290 8290 3720	MI IV RS	

COMMENTS: (1) This case generated an internal output in the processing NCB which must receive manual handling.

562.5.2 LDU transaction → Processing study

	Various possible cases	Only acceptable output	Comments
1	The NIIN submitted is not in the TIR of the processing NCB	KRE P 4000 FN	
2	The Submitter Code is not shown as a user.	KRE P 8290 DN	
3	The NIIN Status Code of the submitted NIIN is :		
	(a) 0, 9	KDU *(2)*	*(2)* KDU is given to the submitter and shown users.
	(b) 4 or 8	KFS	
	(c) 3, 5, or 7	KFS + KFD *(3)*	*(3)* If the first replacement NSN has also been replaced, processing will continue until the third replacement NSN (4th NSN) is reached as applicable. The output package will contain a KFS Output Header followed by a KFS Segment K for each cancelled NSN in the chain (maximum 4 Segments K). If an active NSN (NIIN Status Code 0) or inactive NSN (NIIN Status Code 6) is found on or before the third cancelled NSN is reached, the output package will also contain KFD TIR data.
	(d) 6	KRE Q 2670 NS *(4)*	*(4)* The NIIN Status Code edit sequence, other than for Status Code 0, is at the discretion of the national system.

562.6 LFN transaction

562.6.1 LFN transaction → Input validation control

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
1	DIC (3920)	1-3	1. Must be present 2. Must be an existing code 3. Must be authorised for the Submitter Code	KRU KRU KRU	P Q P	3920 3920 3920	MI IV LV	
2	PSN (1070)	4-6	1. Must be present 2. Must be Z01.	KRU KRU	P Q	1070 1070	MI IV	
3	PIC (2867)	7	Is not controlled					
4	Originator Code (4210)	8-9	1. Must be present 2. Must be a combination of letters and/or figures and no other character.	KRU KRU	P Q	4210 4210	MI IV	
5	Submitter Code (3720)	10-11	Must appear in Sub-Section 553, Table 18	(1)	(1)	(1)	(1)	(1)
6	Transaction Date (2310)	12-16	1. Must be present 2. Must be numerical 3. Must not exceed 366	KRU KRU KRU	P Q Q	2310 2310 2310	MI IV IV	
7	DCSN (1000)	17-23	1. Must be present. 2. Must be in prescribed form (see Sub-Section 543, DRN 1000)	KRU KRU	P Q	1000 1000	MI IV	

562.6.1 LFN transaction → Input validation control

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
8	NIIN (4000)	31-39	1. The first two characters must be the code of the processing NCB 2. The positions 33-39 must be blank or in prescribed form (see Sub-Section 543, DRN 4000)	KRE KRU	Q Q	4000 4000	AU IV	
9	Segment Code (8999)	40	1. Must be present 2. Must be “R”.	KRU KRU	P Q	8999 8999	MI IV	
10	DRN (0950)	41-44	1. Must be present 2. Must be 3921.	KRE KRE	P Q	0950 0950	MI IV	
11	DIC INPUT (3921)	46-48	1. Must be present 2. Must be LAR, LAU, LCR, LDR, LDU, LFN, LMD, LSA.	KRE KRE	P Q	3921 3921	MI IV	
12	DETC (8268)	49	1. Must be present 2. Must be #	KRE KRE	P Q	8268 8268	MI IV	

COMMENTS: (1) This case generated an internal output in the processing NCB which must receive manual handling.

562.6.2 LFN transaction → Processing study

	Various possible cases	Only acceptable output	Comments
1	Submittal is not reflected on NCB transaction history file data : a. The submittal contains a NIIN (1)		(1) Internal interrogation by NIIN is undertaken in the TIR.
	(1) The NIIN exists and its Status Code is 0 or 6	KFN OH KFN R NA KIR L KIR Segments A, (B), C, (E), (H), M or V, (Z)	
	(2) The NIIN exists and its Status Code is 3, 5, or 7	KFN OH KFN R NA KFS L KFS K KFE L KFE Segments A, (B), C, (E), (H), (Z)	
	(3) The NIIN exists and its Status Code is 4 or 8	KFN OH KFN R NA KFS L KFS K	
	(4) The NIIN does not exist in the TIR	KFN OH KFN R NA KTN L	
	b. The submittal does not contain a NIIN (LSA only) (2).	KFN OH KFN R NA	(2) Internal interrogation by NIIN is impossible ; only the NATO Code for NCB (DRN 4130) is known.

562.6.2 LFN transaction → Processing study

	Various possible cases	Only acceptable output	Comments
2	Submittal is in process	KFN OH KFN R NB K27 L K27 R	
3	Submittal has been processed : a. the submittal contains a NIIN (1) (1) The NIIN exists and its Status Code is 0 or 6.	 KFN OH KFN R NC KIR L KIR Segments A, (B), C, (E), (H), M or V, (Z)	
	(2) The NIIN exists and its Status Code is 3, 5, or 7	KFN OH KFN R NC KFS L KFS K KFE L KFE Segments A, (B), C, (E), (H), (Z)	
	(3) The NIIN exists and its Status Code is 4 or 8	KFN OH KFN R NC KFS L KFS K	
	(4) The NIIN does not exist in the TIR	KFN OH KFNR NC KTN L	

562.6.2 LFN transaction → Processing study

	Various possible cases	Only acceptable output	Comments
	b. The submittal does not contain a NIIN (LSA only)		
	(1) output KRE with Return Codes IV, MI, OP, or AB is registered in the transaction history file.	KFN OH KFN R NC and KRE P (MI, OP, AB) or KRE Q 3880 IV	
	(2) output KRE with Return Code SM and KFD data is registered in the transaction history file	KFN OH KFN R NC K27 L K27 R KIR L KIR Segments A, B, C, (E), (H), M or V, (Z)	
	(3) output KRE with Return Code AU is registered in the transaction history file	KFN OH KFN R NC KRE Q 3960 AU	
	(4) output KAT is registered in the transaction history file	KFN OH KFN R NC K27 L K27 R KIR L KIR Segments A, B, C, (E), (H), M or V, (Z)	
4	The submittal was an LSA Request and the reply was returned under DIC K27.	KFN OH KFN R ND K27 L K27 R	

562.6.2 LFN transaction → Processing study

	Various possible cases	Only acceptable output	Comments
5	Submittal matched Nuclear Ordnance Item and is in process (3)	KFN OH KFN R NF	(3) This control is effected only in the United States.
6	The submittal was an LSA Request and the reply was returned under DIC KSR / KMR / KMP	KFN OH KFN R NG	

SUPPLEMENTARY COMMENTS:

LSA request that lead to an output KRU will not be registered in the transaction history file (see sub-paragraphs 562.8.1 and 562.8.2). When such LSA is subject of an LFN submittal, output KFN (OH+R) with TSC NA should be given.

562.7 LMD transaction

Before input validation starts, the DCN (DRN 1015) will be checked to see if it is already recorded in the suspense file. If it is, the input will be rejected KRU, Segment P, DRN 1015, Return Code GW.

562.7.1 LMD transaction → Input validation control

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
1	DIC (3920) 1. First segment 2. Following segments	1-3	1. Must be present 2. Must be an existing code 3. Must be authorised for the Submitter Code 1. Must be LAR, LCR, or LDR when the DIC of the first segment is LMD. 2. Must be in sequence LDR, LAR, LCR.	KRU KRU KRU KRE KRE	P Q P Q Q	3920 3920 3920 3920 3920	MI IV LV IC IC	
2	PSN (1070)	4-6	1. Must be present 2. Must be in accordance with the prescribed structure (see Sub-Section 543, DRN 1070)	KRU KRU	P Q	1070 1070	MI IV	
3	PIC (2867)	7	Is not controlled					
4	Originator Code (4210)	8-9	1. Must be present 2. Must be a combination of letters and/or figures and no other character.	KRU KRU	P Q	4210 4210	MI IV	
5	Submitter Code (3720)	10-11	Must appear in Sub-Section 553, Table 18	(1)	(1)	(1)	(1)	(1)
6	Transaction Date (2310)	12-16	1. Must be present 2. Must be numerical 3. Must not exceed 366	KRU KRU KRU	P Q Q	2310 2310 2310	MI IV IV	

562.7.1 LMD transaction → Input validation control

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
7	DCSN (1000)	17-23	1. Must be present 2. Must be in prescribed form (see Sub-Section 543, DRN 1000)	KRU KRU	P Q	1000 1000	MI IV	
8	Assigned NSN (3960)	27-39	1. The fifth and sixth character must be the code of the processing NCB. 2. Must be in prescribed form (see Sub-Section 543, DRN 3960) 3. Must be present 4. Must be identical in all the records of the submittal.	KRE KRU KRU KRU	Q Q P P	3960 3960 3960 3960	AU IV MI 5N	
9	Segment Code (8999) 1. First segment 2. Following segments	40	 Must be blank 1. Must be present 2. Must be “C”.	 KRU KRU KRU	 Q P Q	 8999 8999 8999	 IV MI IV	
10	1. First segment 2. Following segments	41-80	Is not controlled See LAR, LCR and LDR					

COMMENTS: (1) This case generated an internal output in the processing NCB which must receive manual handling.

562.7.2 LMD transaction → Processing study

	Various possible cases	Only acceptable output	Comments
1	The NIIN submitted is not in the TIR of the processing NCB	KRE P 4000 FN	
2	The Submitted NSC differs from the NSC shown in the TIR.	KRE Q 3990 EC (1)	(1) Only in case of NIIN Status Code 0. In other cases the reply KFS is given and the Submitted NSC is mentioned in columns 49-52 of Segment K.
3	The Submitter Code is not registered as a user of the item.	KRE P 8290 NR	
4	The NIIN Status Code of the submitted NIIN is :		
	(a) 0	KMD (2)	(2) KMD is given to the submitter and shown users when the validation steps have been completed.
	(b) 9	KFS + KFD	
	(c) 3, 5, or 7	KFS + KFD (3)	(3) If the first replacement NSN has also been replaced, processing will continue until the third replacement NSN (4th NSN) is reached as applicable. The output package will contain a KFS Output Header followed by a KFS Segment K for each cancelled NSN in the chain (maximum 4 Segments K). If an active NSN (NIIN Status Code 0) or inactive NSN (NIIN Status Code 6) is found on or before the third cancelled NSN is reached, the output package will also contain KFD TIR data.
	(d) 4 or 8	KFS	

562.7.2 LMD transaction → Processing study

	Various possible cases	Only acceptable output	Comments
5	Relating to the Input DICs in addition to LMD other situations may appear. They will give rise to outputs similar to the ones given in the particular study of these DICs (see LDR, LAR, and LCR).		

562.8 LSA transaction

Before input validation starts, the DCN (DRN 1015) will be checked to see if it is already recorded in the suspense file. If it is, the input will be rejected KRU, Segment P, DRN 1015, Return Code GW.

562.8.1 LSA transaction → input validation control – all records

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
1	DIC (3920)	1-3	1. Must be present 2. Must be an existing code 3. Must be authorised for the Submitter Code 4. Must be identical in all records if submittal of this DIC contains two or more records with the same Document Control Number.	KRU KRU KRU KRU	P Q P P	3920 3920 3920 3920	MI IV LV 5N	
2	PSN (1070)	4-6	1. Must be present 2. Must be in accordance with the prescribed structure (see Sub-Section 543, DRN 1070)	KRU KRU	P Q	1070 1070	MI IV	
3	PIC (2867)	7	1. Must be 4, A or E (see Sub-Section 553, Table 07) 2. Must be identical in all records.	KRU KRU	P P	2867 2867	IV 5N	
4	Originator Code (4210)	8-9	1. Must be present 2. Must be a combination of letters and/or figures and no other character.	KRU KRU	P Q	4210 4210	MI IV	
5	Submitter Code (3720)	10-11	Must appear in Sub-Section 553, Table 18	(1)	(1)	(1)	(1)	(1)
6	Transaction Date (2310)	12-16	1. Must be present 2. Must be numerical 3. Must not exceed 366	KRU KRU KRU	P Q Q	2310 2310 2310	MI IV IV	

562.8.1 LSA transaction → input validation control – all records

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
7	DCSN (1000)	17-23	1. Must be present 2. Must be in prescribed form (see Sub-section 543, DRN 1000)	KRU KRU	P Q	1000 1000	MI IV	
8	Segment Code (8999)	40	1. Must be present 2. Must be 2 or V.	KRU KRU	P Q	8999 8999	MI IV	

COMMENTS: (1) This case generated an internal output in the processing NCB which must receive manual handling.

562.8.2 LSA transaction → Input validation control – first record(s) only

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
1	Destination Activity Code (3880)	27-28	1. Must be present 2. Must be the code of the NCB processing the transaction.	KRE KRE	P Q	3880 3880	MI IV	(1)
2	Statistical Indicator Code (3708)	37	Is not controlled					
3	Reference Number Justification Code (2750)	38	Must be blank or “1”	KRE	Q	2750	IV	

562.8.2 LSA transaction → Input validation control – first record(s) only

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
4	Reference Number Format Code (2920)	39	1. Must be present 2. Must be "1", "4" or "5"	KRU KRU	P Q	2920 2920	MI IV	
5	NCAGE Code (4140)	43-47	1. Must be present 2. Must be valid and correspond with the Destination Activity Code.	KRU KRU	P Q	4140 4140	MI IV or UV	
6	Reference Number (3570)	48-79	1. Must be present 2. Must be in accordance with ACodP-1 rules 3. The number of Reference Numbers submitted under the same DCN must not exceed 3.	KRU KRE KRE	P P P	3570 3570 3570	MI OP AB	
7	CIC (8555)	80	1. Must be present 2. Must be 1 or J (see Sub-Section 532, LSA note 6). 3. Code must correspond with PSN (1070)	KRU KRU KRU	P Q Q	8555 8555 8555	MI IV IV	

COMMENTS:

(1) If missing or invalid internal output for manual.

SUPPLEMENTARY COMMENTS:

If the submitted NCAGE Code is cancelled-replaced and the transaction results in a KRE reject, the output will contain a Segment 1.

562.8.3 LSA transaction → Input validation control – second record(s) only

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
1	Presence of the second record	43	Must be blank.	KRE	P	4080/ 3990	MI	
2 3	Item Name Code (4080) or Non-Approved Item Name (5020)	44-48 44-62	Must be present.	KRE	P	4080	MI	
4	NATO Supply Class (3990)	64-67	1. Must be present 2. Must be numeric.	KRE KRE	P Q	3990 3990	MI IV	
5	CIC (8555)	80	1. Must be present 2. Must be 2 (see Sub-Section 532, LSA note 6). 3. Code must correspond with PSN (1070)	KRU KRU KRU	P Q Q	8555 8555 8555	MI IV IV	

562.8.4 LSA transaction → Input validation control – Segment V record(s)

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
1	Coded Characteristics Data Group (3317)	42-nn	Is not controlled	-	-	-	-	-
2	Data Element Terminator Code (8268)	nn+1	Is not controlled	-	-	-	-	-
3	Segment V Terminator Code (0339)	xx-xx+1	Is not controlled	-	-	-	-	-
4	CIC (8555)	80	Is not controlled	-	-	-	-	-

562.8.5 LSA transaction → Processing study

	Various possible cases	Only acceptable output	Comments
1	Automatic Processing Phase a. Exact match to a : (1) National NSN (a) Submitter is not a user (i) NIIN Status Code is 0	(1)	(1) For those countries, don't carry out direct controls and screening actions upon receipt of the LSA's, a DIC KRT shall be generated in all cases, only as an indication of receipt of LSA.
		KAT (2)	(2) KAT is given to the submitter KAU is given to the other shown users
	(ii) NIIN Status Code is 6	KAT (3)	(3) After NIIN Status Code conversion from 6 to 0
	(iii) NIIN Status Code is not 0 or 6	KFS	
	(b) Submitter is a user	KRE P 8290 SM+KFD	
	(2) Foreign NSN	KRE Q 3960 AU	
	b. Potential match (1) LSA input without RNJC	(4)	(4) The countries can : - either process these matches in house - or forward them to the submitting activity.
	(a) Internal processing	KRT Internal output to initiate codification	
	(b) Transmission to submitting activity	KSR OH KNR J (5) KMR J (6)	(5) One of each non matching submitted reference. (6) One of each matching submitted reference, each time when it matches on a NSN in the TIR.
		KMP (7)	(7) File data for each matching NSN in the order of NIINs
	(2) LSA input with RNJC	KRT Internal output to initiate codification	Potential matches should be neglected, new NATO Stock Number should be allocated.
	c. No match.	KRT Internal output to initiate codification	

562.8.5 LSA transaction → Processing study

	Various possible cases	Only acceptable output	Comments
2	Internal Processing Phase a. The item is already codified (3) : (1) With a National NSN (a) Submitter is not a user (i) NIIN Status Code is 0 - LAU with DCN from LSA, - LAU with DCN from LSA and LAR with internal DCN using * submitted reference * revised reference (ii) NIIN Status Code is 6 - LAU with DCN from LSA - LAU with DCN from LSA and LAR with internal DCN using * submitted reference * revised reference (iii) NIIN Status Code is not 0 or 6 LAU	 KAT (2) KAT (2) KAR (4) KAT (2) KAR (4) K27 OH (8) K27 R KAT (2) KAT (2) KAR (4) KAT (2) KAR (4) K27 OH (8) K27 R KFS	 (8) K27 Notification is given only to the submitter of the LSA resulting from internal input DIC L27.

562.8.5 LSA transaction → Processing study

	Various possible cases	Only acceptable output	Comments
	(b) Submitter is a user - LAU with DCN from LSA, - LAU with DCN from LSA and LAR with internal DCN using * submitted reference * revised reference	 KRE P 8290 SM+KFD KRE P 8290 SM+KFD KAR (4) KRE P 8290 SM+KFD KAR (4) K27 OH (8) K27 R	
	(2) With a foreign NSN	KRE Q 3960 AU	
	b. The item is not codified : (1) LNC, LNK, LNR... etc.	 KAT	
	(2) Codification with revised reference (9)	KAT K27 OH K27 R	(9) In these transactions the DCN (1015) must be the one from the LSA. DIC K27 may also be used in case of changes to the original NCAGE Code and/or Reference Number.
	(3) Codification with other changes (10)	KAT K27 R	(10) Codification is performed but there are other than revised reference changes such as changes with NSC, INC or NON AIN, or item characteristic(s).
	(4) Reject of LSA request (11)	K27 OH K27 R	(11) Manual reject by use of DIC K27 only if the item cannot be codified and no ADP output can be sent.

SUPPLEMENTARY COMMENTS:

- If identical data elements (DRN 4140 and DRN 3570) to be processed are included on more than one Segment 2 within the same transaction (same DCN) the following output will be given : KRE 3570 SM.
- If the submitted NCAGE Code is cancelled-replaced and the transaction results in a KRE reject, the output will contain a Segment 1.

562.9 LTI transaction

562.9.1 LTI transaction → Input validation control

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
1	DIC (3920)	1-3	1. Must be present 2. Must be an existing code 3. Must be authorised for the Submitter Code	KRU KRU KRU	P Q P	3920 3920 3920	MI IV LV	
2	PSN (1070)	4-6	1. Must be present 2. Must be Z01	KRU KRU	P Q	1070 1070	MI IV	
3	PIC (2867)	7	Is not controlled					
4	Originator Code (4210)	8-9	1. Must be present 2. Must be a combination of letters and/or figures and no other character.	KRU KRU	P Q	4210 4210	MI IV	
5	Submitter Code (3720)	10-11	Must appear in Sub-Section 553, Table 18	(1)	(1)	(1)	(1)	(1)
6	Transaction Date (2310)	12-16	1. Must be present 2. Must be numerical 3. Must not exceed 366	KRU KRU KRU	P Q Q	2310 2310 2310	MI IV IV	
7	DCSN (1000)	17-23	1. Must be present 2. Must be in prescribed form (see Sub-section 543, DRN 1000)	KRU KRU	P Q	1000 1000	MI IV	

562.9.1 LTI transaction → Input validation control

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
8	NIIN (4000)	31-39	1. The first two characters must be the Code of the processing NCB. 2. Must be in prescribed form (see Sub-section 543, DRN 4000) 3. Must be present.	KRE KRU KRU	Q Q P	4000 4000 4000	AU IV MI	
9	Segment Code (8999)	40	1. Must be present 2. Must be “R”.	KRU KRU	P Q	8999 8999	MI IV	
10	ODRC (4690)	41-44	1. Must be present 2. Must be a code found in Sub-Section 553,Table 3	KRE KRE	P Q	4690 4690	MI IV	

COMMENTS: (1) This case generated an internal output in the processing NCB which receive manual handling.

562.9.2 LTI transaction → Processing study

	Various possible cases	Only acceptable output	Comments
1	The NIIN submitted is not in the TIR of the processing NCB	KRE P 4000 FN	
2	The NIIN exists but its Status Code indicates that it has been deleted : (a) NIIN Status Code : 3, 5, 7 (b) NIIN Status Code : 4, 8 (c) NIIN Status Code : 9	 KFS + KFE (1) KFS KFS + KFD	(1) KFE deals with the replacement NSN. If the first replacement NSN has also been replaced, processing will continue until the third replacement NSN (4th NSN) is reached as applicable. The output package will contain a KFS Output Header followed by a KFS Segment K for each cancelled NSN in the chain (maximum 4 Segment K). If an active NSN (NIIN Status Code 6) is found on or before the third cancelled NSN is reached, the output package will also contain KFE TIR data.
3	The NIIN is in the file of the processing NCB, but no user is currently shown.	KIR without Segment B	
4	The NIIN exists, is active, does not relate to classified items, and some of the data requested is available.	KIR	The segments provided as output will vary according to: (a) the ODRC submitted (DRN 4690) (b) whether or not they are in the file See Sub-Section 553, Table 03
5	The NIIN exists, is active, does not relate to a classified item, but none of the requested specific data is recorded in the file.	KTN	

562.10 L23 transaction

Before input validation starts, the DCN (DRN 1015) will be checked to see if it is already recorded in the suspense file. If it is, the input will be rejected KRU, Segment P, DRN 1015, Return Code GW.

562.10.1 L23 transaction → Input validation control – All records

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
1	DIC (3920)	1-3	1. Must be present 2. Must be an existing code 3. Must be authorised for the Submitter Code	KRU KRU KRU	P Q P	3920 3920 3920	MI IV RS	
2	PSN (1070)	4-6	1. Must be present 2. Must be in accordance with the prescribed structure (see Sub-Section 543, DRN 1070)	KRU KRU	P Q	1070 1070	MI IV	
3	PIC (2867)	7	Is not controlled					
4	Originator Code (4210)	8-9	1. Must be present 2. Must be a combination of letters and/or figures and no other character.	KRU KRU	P Q	4210 4210	MI IV	
5	Submitter Code (3720)	10-11	Must appear in Sub-Section 553, Table 18	(1)	(1)	(1)	(1)	(1)
6	Transaction Date (2310)	12-16	1. Must be present 2. Must be numerical 3. Must not exceed 366	KRU KRU KRU	P Q Q	2310 2310 2310	MI IV IV	

562.10.1 L23 transaction → Input validation control – All records

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
7	DCSN (1000)	17-23	1. Must be present 2. Must be in prescribed form (see Sub-section 543, DRN 1000)	KRU KRU	P Q	1000 1000	MI IV	

COMMENTS: (1) This case generates an internal output in the processing NCB which must receive manual handling.

562.10.2 L23 transaction → Input validation control – First record only

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
1	Destination Activity Code (3880)	27-28	1. Must be present 2. Must be the code of the NCB processing the transaction.	KRE KRE	P Q	3880 3880	MI IV	

562.10.3 L23 transaction → Input validation control – Second record only

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
1	NSN Proposed for Cancellation (3960)	27-39	1. Must be in prescribed form (see Sub-section 543, DRN 3960) 2. Must be present	KRU KRU	Q P	3960 3960	IV MI	
2	Segment Code (8999)	40	1. Must be present 2. Must be “R”.	KRU KRU	P Q	8999 8999	MI IV	
3	DRN Denoting Type of Cancellation Proposal (0950)	41-44	1. Must be present 2. Must be 3921	KRU KRE	P Q	0950 0950	MI IV	
4	Type of Cancellation Proposal (9975)	46-48	1. Must be present 2. Must be LKD, LKV or LKU.	KRU KRE	P Q	9975 9975	MI IV	
5	DETC (8268)	49	1. Must be present 2. Must be “#”.	KRE KRE	P Q	8268 8268	MI IV	
6	DRN Denoting Reason for Cancellation Proposal (0950)	50-53	1. Must be present 2. Must be “6998”.	KRU KRE	P Q	0950 0950	MI IV	
7	Reason Code of Cancellation Proposal (9975)	55	1. Must be present 2. Must appear in Sub-Section 553, Table 136	KRU KRE	P Q	9975 9975	MI IV	

562.10.3 L23 transaction → Input validation control – Second record only

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
8	DETC (8268)	56	1. Must be present 2. Must be "#".	KRE KRE	P Q	8268 8268	MI IV	
9	DRN Denoting Replacement NSN (0950)	57-60	1. Must be present on LKU proposals 2. Must be 8875 on LKU proposals 3. Must be blank on LKV proposals.	KRE KRE KRE	P Q Q	0950 0950 0950	MI IV IV	
10	Replacement NSN (9975)	62-74	1. Must be present on LKU proposals 2. Must be blank on LKV proposals.	KRE KRE	P Q	9975 9975	MI IV	
11	DETC (8268)	75	1. Must be present 2. Must be "#".	KRE KRE	P Q	8268 8268	MI IV	
12	CIC (8555)	80	1. Must be blank if second record is last record 2. Must be present if second record is not last record 3. Must be - if second record is not last record	KRU KRU KRU	Q P Q	8555 8555 8555	IV MI IV	

562.10.4 L23 transaction → Input validation control – third, following or final record(s)

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
1	NSN Proposed for Cancellation (3960)	27-39	1. Must be in prescribed form (see Sub-section 543, DRN 3960) 2. Must be present	KRU KRU	Q P	3960 3960	IV MI	
2	Segment Code (8999)	40	1. Must be present 2. Must be "R".	KRU KRU	P Q	8999 8999	MI IV	
3	DRN Denoting Explanation for Code "F" (0950)	41-44	1. Must be present 2. Must be "6999"	KRU KRE	P Q	0950 0950	MI IV	
4	Explanation for Reason Code "F" (9975)	46 (2)	Must be present	KRU	P	9975	MI	(1)
5	DETC (8268)	(2)	1. Must be present 2. Must be "#".	KRE KRE	P Q	8268 8268	MI IV	
6	CIC (8555)	80	1. Must be blank on the last record of the L23 2. Must be present if third or subsequent record(s) is not last record 3. Must be - if third or subsequent record(s) is not last record	KRU KRU KRU	Q P Q	8555 8555 8555	IV MI IV	

COMMENTS:

(1) This field is filled with an explanatory statement when the Reason Code for the cancellation proposal is "F". "F" designates that the reason for proposing cancellation is not covered by Reason Codes "A" through "E" and "G".

(2) The explanatory statement is followed immediately by a # DETC. However, if the statement extends beyond position 79 (including the DETC), a CIC - must be entered in position 80. The explanation then continues on the next line beginning in position 41, immediately following the Segment Code R.

562.11 K23 transaction

562.11.1 K23 transaction → Input validation control – All records

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
1	DIC (3920)	1-3	1. Must be present 2. Must be an existing code 3. Must be authorised for the Submitter Code.	KRU KRU KRU	P Q P	3920 3920 3920	MI IV RS	
2	PSN (1070)	4-6	1. Must be present 2. Must be in accordance with the prescribed structure (see Sub-Section 543, DRN 1070)	KRU KRU	P Q	1070 1070	MI IV	
3	PIC (2867)	7	Is not controlled					
4	Originator Code (4210)	8-9	1. Must be present 2. Must be a combination of letters and/or figures and no other character.	KRU KRU	P Q	4210 4210	MI IV	
5	Submitter Code (3720)	10-11	Must appear in Sub-Section 553, Table 18	(1)	(1)	(1)	(1)	(1)
6	Transaction Date (2310)	12-16	1. Must be present 2. Must be numerical 3. Must not exceed 366	KRU KRU KRU	P Q Q	2310 2310 2310	MI IV IV	
7	DCSN (1000)	17-23	1. Must be present 2. Must be in prescribed form (see Sub-section 543, DRN 1000)	KRU KRU	P Q	1000 1000	MI IV	

562.11.1 K23 transaction → Input validation control – All records

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
8	NSN Proposed for Cancellation (3960)	27-39	1. Must be in prescribed form (see Sub-section 543, DRN 3960) 2. Must be present	KRU KRU	Q P	3960 3960	IV MI	

COMMENTS: (1) This case generated an internal output in the processing NCB which receive manual handling.

562.11.2 K23 transaction → Input validation control – First record only

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
1	DIC Input (3921)	42-44	1. Must be present 2. Must be L23.	KRU KRU	P Q	3920 3920	MI IV	
2	Destination Activity Code (3880)	46-47	1. Must be present 2. Must be the code of the NCB receiving the transaction.	KRE KRE	P Q	3880 3880	MI IV	

562.11.3 K23 transaction → Input validation control – Second record only

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
1	Segment Code (8999)	40	1. Must be present 2. Must be “R”.	KRU KRU	P Q	8999 8999	MI IV	
2	DRN Denoting Type of Cancellation Proposal (0950)	41-44	1. Must be present 2. Must be “3921”	KRU KRE	P Q	0950 0950	MI IV	
3	Type of Cancellation Proposal (9975)	46-48	1. Must be present 2. Must be LKD, LKV or LKU.	KRU KRE	P Q	9975 9975	MI IV	
4	DETC (8268)	49	1. Must be present 2. Must be “#”.	KRE KRE	P Q	8268 8268	MI IV	
5	DRN Denoting Reason for Cancellation Proposal (0950)	50-53	1. Must be present 2. Must be “6998”.	KRU KRE	P Q	0950 0950	MI IV	
6	Reason Code of Cancellation Proposal (9975)	55	1. Must be present 2. Must appear in Sub-Section 553, Table 136	KRU KRE	P Q	9975 9975	MI IV	
7	DETC (8268)	56	1. Must be present 2. Must be “#”.	KRE KRE	P Q	8268 8268	MI IV	

562.11.3 K23 transaction → Input validation control – Second record only

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
8	DRN Denoting Replacement NSN (0950)	57-60	1. Must be present on LKD or LKU proposals 2. Must be 8875 on LKD or LKU proposals 3. Must be blank on LKV proposals.	KRE KRE KRE	P Q Q	0950 0950 0950	MI IV IV	
9	Replacement NSN (9975)	62-74	1. Must be present on LKD or LKU proposals 2. Must be blank on LKV proposals.	KRE KRE	P Q	9975 9975	MI IV	
10	DETC (8268)	75	1. Must be present 2. Must be "#".	KRE KRE	P Q	8268 8268	MI IV	
11	CIC (8555)	80	1. Must be blank if second record is last record 2. Must be present if second record is not last record 3. Must be - if second record is not last record	KRU KRU KRU	Q P Q	8555 8555 8555	IV MI IV	

562.11.4 K23 transaction → Input validation control – Third, following or final record(s)

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
1	Segment Code (8999)	40	1. Must be present 2. Must be “R”.	KRU KRU	P Q	8999 8999	MI IV	
2	DRN Denoting Explanation for Reply Reason Code “Z” (0950)	41-44	1. Must be present 2. Must be “6999”	KRU KRE	P Q	0950 0950	MI IV	
3	Explanation for Code “Z” (9975)	46 (2)	Must be present	KRU	P	9975	MI	(1)
4	DETC (8268)	(2)	1. Must be present 2. Must be “#”.	KRE KRE	P Q	8268 8268	MI IV	
5	DRN Denoting the NCB Code of the Country Submitting the K23 (0950)	(2)	1. Must be present 2. Must be “3720”	KRE KRE	P Q	0950 0950	MI IV	
6	NCB Code of the Country Submitting the K23 (9975)	(2)	1. Must be present 2. Must appear in Sub-Section 553, Table 18	KRE KRE	P Q	9975 9975	MI IV	
7	DETC (8268)	(2)	1. Must be present 2. Must be “#”.	KRE KRE	P Q	8268 8268	MI IV	

562.11.4 K23 transaction → Input validation control – Third, following or final record(s)

	Data Element (DRN)	Posi-tion	Value control carried out	Recommended output				Comments
				DIC output	Segment	DRN	Return Code	
8	CIC (8555)	80	1. Must be blank on the last record of the K23 2. Must be present if third or subsequent record(s) is not last record 3. Must be - if third or subsequent record(s) is not last record	KRU KRU KRU	Q P Q	8555 8555 8555	IV MI IV	

COMMENTS:

(1) This field is filled with an explanatory statement when the Reason Code for the cancellation proposal is “Z”.
“Z” designates that the reason for proposing cancellation is not covered by Reason Codes Q, X, or Y.

(2) The explanatory statement is followed immediately by a # DETC. However, if the statement extends beyond position 79 (including the DETC), a CIC - must be entered in position 80. The explanation then continues on the next line beginning in position 41, immediately following the Segment Code R.

562.12 KFF transaction

KFF data is controlled by NSPA before integration in the NMCRL database and dissemination of consolidated files to the countries. Rejected KFF transactions and associated explanatory error messages will be returned to the submitting NCB via E-MAIL.

NOTE: The list of KFF input validation report error codes is shown in paragraph 562.14

562.12.1 KFF transaction → Input validation control – All records

	Data Element (DRN)	Posi-tion	Value control carried out	Reject Code / Remarks
1	Any Segment	1-End	1. Record with more than 80 characters	011 Reject
2	HEADER	1-6	1. Must be KFF + A01 or Z01	005 Reject
3	DIC (3920)	1-3	1. Must be KFF 2. Must be consistent throughout entire package	020 Reject 006 Reject
4	PSN (1070)	4-6	1. Invalid format 2. Number out of sequence 3. Number Z is missing	000 Reject 007 Reject 008 Reject
5	PIC (2867)	7	Is not controlled	
6	Originator Code (4210)	8-9	1. Must be present 2. Must be alpha-numerical.	(1)
7	Submitter Code (3720)	10-11	1. Must appear in Sub-Sec. 553, Table 18 2. Must be consistent with the country sending the package	002 Reject 001 Reject
8	Transaction Date (2310)	12-16	1. Must be present 2. Must be numerical 3. Must be greater than "YY000" and less than "YY367"	004 Reject
9	DCSN (1000)	17-23	1. Must be present 2. Must be in prescribed form (see Sub-Section 543, DRN 1000)	010 Reject
10	NATO FMSN (1516)	24-26	1. Must be present 2. Must be numerical 3. If blank, value "000" created in NMCRL database	(1)
11	Assigned NSN / Cancelled NSN (3960/3790)	27-39	1. Invalid NSC format 2. Invalid NIIN format	022 Reject 021 Reject

562.12.1 KFF transaction → Input validation control – All records

	Data Element (DRN)	Posi-tion	Value control carried out	Reject Code / Remarks
12	NCB Code (4130)	31-32	1. Must match with Submitter Code (3720) 2. Must be consistent throughout entire file	024 Reject 012 Reject
13	Segment Code (8999)	40	1. Invalid Segment code 2. Minimum of one Segment A or one Segment K required	009 Reject 035 Reject
14	KFF package = DIC+DCN+ FMSN+NSN	1-3 and 8-39	1. Must be consistent throughout entire package	006 Reject

NOTE: (1) Control is done by NSPA, but with no reject.

562.12.2 KFF transaction → Input validation control – Segment A record

	Data Element (DRN)	Posi-tion	Value control carried out	Reject Code / Remarks
1	Segment Code (8999)	40	1. Must be A 2. Duplicate Segment A	009 Reject 034 Reject
2	IIG Number (4065)	41-46	Is not controlled	
3	Item Name Code (INC) (4080)	47-51	1. Must be present 2. Must be numerical	(1)
4	Approved/non-Approved Item Name (5010/5020)	52-70	1. Must be present 2. Must be alpha-numerical	(1)
5	TYPE II Code (4820)	72	1. Must be present 2. Must be alpha-numerical	(1)
6	RPDMRC (4765)	73	Is not controlled	
7	DEMIL Code (0167)	74	Is not controlled	
8	Date, NIIN Assignment (2180)	75-79	1. Must be present 2. Must be numerical 3. Must be greater than "YY000" and less than "YY367".	(1)

NOTE: (1) Control is done by NSPA, but with no reject.

562.12.3 KFF transaction → Input validation control – Segment B record(s)

	Data Element (DRN)	Posi-tion	Value control carried out	Reject Code / Remarks
1	Segment Code (8999)	40	1. Must be B	009 Reject
2	MOE Rule Number (8290)	41-44	1. Must be present 2. Must be alpha-numerical	040 Reject 041 Reject
3	CIC (8555)	80	1. Must be in accordance with paragraph 512.2 "Segment Record Usage Grid"	042 Reject

562.12.4 KFF transaction → Input validation control – Segment C first record(s)

	Data Element (DRN)	Posi-tion	Value control carried out	Reject Code / Remarks
1	Segment Code (8999)	40	1. Must be C	009 Reject
2	RNFC (2920)	42	1. Must be present 2. Must be numerical	(1)
3	RNCC (2910)	44	1. Must be present 2. Must be alpha-numerical	(1)
4	RNVC (4780)	46	1. Must be present 2. Must be numerical	(1)
5	DAC (2640)	48	1. Must be present 2. Must be alpha-numerical	(1)
6	RNAAC (2900)	50-51	1. Must be present 2. Must be alpha-numerical	(1)
7	RNSC (2923)	53	1. Must be present 2. Must be alphabetical	(1)
8	RNJC (2750)	54	Is not controlled	
9	NCAGE Code (4140)	55-59	1. Must be present 2. Must be alpha-numerical	057 Reject
10	Reference Number (3570)	60-75	1. Must be present 2. Must be in accordance with Sub-Section 553, Table 21	(1) 059 Reject

562.12.4 KFF transaction → Input validation control – Segment C first record(s)

	Data Element (DRN)	Posi-tion	Value control carried out	Reject Code / Remarks
11	CIC (8555)	80	1. Invalid CIC code 2. Invalid CIC sequence	060 Reject 061 Reject

NOTE: (1) Control is done by NSPA, but with no reject.

562.12.5 KFF transaction → Input validation control – Segment C second record(s)

	Data Element (DRN)	Posi-tion	Value control carried out	Reject Code / Remarks
1	Segment Code (8999)	40	1. Must be C	009 Reject
2	Reference Number (3570)	60-75	1. Must be present 2. Must be in accordance with Sub-Section 553, Table 21	(1) 059 Reject
3	CIC (8555)	80	1. Invalid CIC code 2. Invalid CIC sequence	060 Reject 061 Reject

NOTE: (1) Control is done by NSPA, but with no reject.

562.12.6 KFF transaction → Input validation control – Segment V record(s)

	Data Element (DRN)	Posi-tion	Value control carried out	Reject Code / Remarks
1	Segment Code (8999)	40	1. Must be V	009 Reject
2	Coded Characteristics Data Group (3317)	42-nn	1. Must be present	
3	Data Element Terminator Code (8268)	nn+1	1. Must be present 2. Must be the character "#"	(1)
4	Segment V Terminator Code (0339)	xx-xx+1	1. Must be present 2. Must be the character "##"	(1)
5	CIC (8555)	80	1. Last CIC is not “blank” 2. CIC is not “-“ (except last Segment V)	083 Reject 084 Reject

NOTE: (1) Control is done by NSPA, but with no reject.

562.12.7 KFF transaction → Input validation control – Segment K record

	Data Element (DRN)	Posi-tion	Value control carried out	Reject Code / Remarks
1	Segment Code (8999)	40	1. Must be K 2. More than one Segment K	009 Reject 076 Reject
2	NIIN Status CODE (2670)	42	1. Must be present 2. Must be 3, 4, 5, 7, 8 or 9	070 Reject
3	Replacement NSN, Cancellation (8875)	54-66	1. Must be present if NIIN Status Code is 3, 5 or 7 2. Must be numerical 3. Must be blank if NIIN Status Code is 4 or 8	071 Reject 072 Reject 078 Reject
4	Replacement NSN, Cancellation (8875)	68-80	1. Must be present if NIIN Status Code is 3 2. Must be numerical 3. Must be blank if NIIN Status Code is 4, 5, 7 or 8	073 Reject 074 Reject 079 Reject

562.12.8 Processing study - KFF transaction

Once all KFF and KHN data are uploaded in the NMCRL database, following data integrity checks are performed before data extraction.

KFF transaction → Data Integrity Processing

	Data Element (DRN)	Value control carried out	Reject Code / Remarks
1	NSC (3990)	Must be included in current H2 file - DB2 table 076	027 Reject
2	NCAGE Code (4140)	Must be in the NSPA consolidated KHN database	(1)

NOTE: (1) Control is done by NSPA, but with no reject.

562.13 KHN transaction

KHN data is controlled by NSPA before integration in the NMCRL database and dissemination of consolidated files to the countries. KHN transactions with **Reject or Warning** with associated explanatory definitions will be returned to the submitting NCB via E-MAIL.

NCAGE records which have not passed the KHN input validation controls associated to an "**R**" **(Reject)** will be rejected, not published in the NMCRL and returned back to the submitting NCB for correction.

NCAGE records which have passed the KHN input validation controls with a "**W**" **(Warning)** will be published in the NMCRL, but the submitting NCB will also be informed for correction.

NOTE: The list of KHN input validation report error codes is shown in paragraph 562.15

562.13.1 KHN transaction → Input validation control – All records

	Data Element (DRN)	Posi-tion	Value control carried out	Reject Code	Reject / Warning	Warning Code (MIS)
1	Record	1-End	1. Record with more than 80 characters	0-A000-1	R	
2	DIC (3920)	1-3	1. Must be KHN	8-3920-1	R	
			2. Must be consistent throughout entire package	0-3920-2	R	
3	PSN (1070)	4-6	1. First record must be A01 or Z01	0-1070-1	R	
			2. Valid format is XNN, where "X" is a letter in the range "A" to "Z" inclusive and "N" is a number in the range 0 to 9 inclusive	0-1070-2	R	
			3. Number of sequence must be correct throughout entire package	0-1070-3	R	
			4. Last record must start by Z	0-1070-4	R	

562.13.1 KHN transaction → Input validation control – All records

	Data Element (DRN)	Posi-tion	Value control carried out	Reject Code	Reject / Warning	Warning Code (MIS)
4	PIC (2867)	7	Is not controlled			
5	Originator Code (4210)	8-9	1. Must be present	0-4210-1	R	
			2. Must be alpha-numerical	0-4210-2	R	
			3. Must be consistent throughout entire package	0-4210-3	R	
6	Submitter Code (3720)	10-11	1. Must appear in Sub-Section 553, Table 18	0-3720-1	R	
			2. Must be consistent throughout entire package	0-3720-2	R	
7	Transaction Date (2310)	12-16	1. Must be present	0-2310-1	R	
			2. Must be numerical	0-2310-2	R	
			3. Must be greater than "YY000" and less than "YY367"	0-2310-3	R	
			4. Must be consistent throughout entire package	0-2310-4	R	
8	DCSN (1000)	17-23	1. Must be present	0-1000-1	R	
			2. Must be in prescribed form (see Sub-Section 543, DRN 1000)	0-1000-2	R	
			3. Must be consistent throughout entire package	0-1000-3	R	

562.13.1 KHN transaction → Input validation control – All records

	Data Element (DRN)	Posi-tion	Value control carried out	Reject Code	Reject / Warning	Warning Code (MIS)
9	NCAGE Code (4140)	24-28	1. Must be present	8-4140-1	R	
			2. Must be in prescribed form in accordance with the Submitter Code (see CodSP-3)	8-4140-2	R	
			3. Circular reference between the NCAGE Code and its replacements		W	8-4140-3
			4. Letter “O” not authorized in the structure of an NCAGE Code		W	8-4140-4
			5. Letter “I” is applied to the structure of NCAGE Code assigned out of NSPA and/or letter “I” must not be applied to other than 1st position of NCAGE Code assigned by NSPA		W	8-4140-5
			6. Must be consistent throughout entire package	8-4140-6	R	
10	NCAGESD Code (2694)	29	1. Must be a value defined in ACodP-1, Sub-Section 553, Table 24	8-2694-1	R	
			2. Must be “R” if RP1 (and/or RP2 to RP5) exist(s)	8-2694-2	R	
			3. Must not be “R” if RP1 (and/or RP2 to RP5) do(es) not exist	8-2694-3	R	
			4. Must be valid for your nation		W	8-2694-4
			5. Must be consistent throughout entire package	8-2694-5	R	

562.13.1 KHN transaction → Input validation control – All records

	Data Element (DRN)	Posi-tion	Value control carried out	Reject Code	Reject / Warning	Warning Code (MIS)
11	US F/DDC (4235)	30	1. Must be present for NCAGE Code like #***#	8-4235-1	R	
			2. Must be blank for NCAGE Code not like #***#	8-4235-2	R	
			3. Must be 1 or 2 for NCAGE Code like #***# and Submitter Code is ZZ	8-4235-3	R	
			4. Must be 3 for NCAGE Code like #***# and Submitter Code is ZC	8-4235-4	R	
			5. Must have value of 1 or 2 or 3, when required	8-4235-5	R	
			6. Must be consistent throughout entire package	8-4235-6	R	
12	Type O.E. Code (4238)	31	1. Must be a value defined in ACodP-1, Sub-Section 553, Table 129	8-4238-1	R	
			2. Type of Organizational Entity Code “D” for FRANCE use only		W	8-4238-2
			3. Type of Organizational Entity Code “A” for US or Canada use only		W	8-4238-3
			4. Type of Organizational Entity Code = F and more than 5 Primary References are recorded in NMCRL		W	8-4238-4
			5. Type of Organizational Entity Code = G and more than 5 References are recorded in NMCRL		W	8-4238-5
			6. Must be consistent throughout entire package	8-4238-6	R	

562.13.1 KHN transaction → Input validation control – All records

	Data Element (DRN)	Posi-tion	Value control carried out	Reject Code	Reject / Warning	Warning Code (MIS)
13	Date of Last Change (9567)	32-36	1. Must be present	8-9567-1	R	
			2. Must be numerical	8-9567-2	R	
			3. Must be greater than "YY000" and less than "YY367"	8-9567-3	R	
			4. Must be consistent throughout entire package	8-9567-4	R	
14	Segment Code (8999)	40	1. Must be “8”	8-8999-1	R	
15	NCAGE Data Group (9566)	41-80	1. Prefix must be a value defined in ACodP-1, Sub-Section 553, Table 23	8-9566-1	R	
			2. Each Prefix must appear just once	8-9566-2	R	
			3. Name (prefix NAM) must be present	8-9566-3	R	
			4. If NCAGE is active (NCAGESD Code <> F, H, N, P, R), the first line of street Address (prefix ST1) must be present	8-9566-4	R	
			5. If NCAGE is active (NCAGESD Code <> F, H, N, P, R), City (prefix CIT) must be present	8-9566-5	R	
			6. If NCAGE is active (NCAGESD Code <> F, H, N, P, R), Country Code of NCAGE (prefix CTR) must be present	8-9566-6	R	
			7. Country Code of NCAGE (prefix CTR) must be a value defined in CodSP-3	8-9566-7	R	

562.13.1 KHN transaction → Input validation control – All records

	Data Element (DRN)	Posi-tion	Value control carried out	Reject Code	Reject / Warning	Warning Code (MIS)
			8. If NCAGE is active (NCAGESD Code <> F, H, N, P, R), Post Code (prefix PSC) must be present	8-9566-8	R	
			9. If prefix PCC is present and NCAGE is active (NCAGESD Code <> F, H, N, P, R), prefixes PCS and CTR must be present	8-9566-9	R	
			10. If prefix PCS is present and NCAGE is active (NCAGESD Code <> F, H, N, P, R) prefixes PCC and CTR must be present	8-9566-10	R	
			11. Prefix STE is for use only by the US and Canada	8-9566-11	R	
			12. Prefix STE must be a value defined in ACodP-1, Sub-Section 553, Table 137	8-9566-12	R	
			13. Prefix STT is not for used by the US and Canada	8-9566-13	R	
			14. E-mail address format must be valid		W	8-9566-16
			15. Website address format must be valid		W	8-9566-17
			16. If there are multiple GLN Codes to add to the prefix BAR, they must be denoted by the character “+“ **Example:** 8435398600044+8410086000009+8411940000005		W	8-9566-18
			17. If there are multiple UNSPSCs to add to the prefix UNS, they must be denoted by the character “+” **Example:** 44101501+25101509		W	8-9566-19

562.13.1 KHN transaction → Input validation control – All records

	Data Element (DRN)	Posi-tion	Value control carried out	Reject Code	Reject / Warning	Warning Code (MIS)
			18. If there are multiple ISIC Codes to add to the prefix SIC, they must be denoted by the character "+" **Example:** 3559+3829+3823		W	8-9566-20
			19. In prefix NAC punctuation marks are not allowed		W	8-9566-21
			20. If there are multiple NACE Codes to add to the prefix NAC, they must be denoted by the character "+" **Example:** ~~4614+3320+5246~~12+463+4726		W	8-9566-22
			21. If there are multiple CPV Codes to add to the prefix CPV, they must be denoted by the character "+" **Example:** 35126000-3+30199761-2+72212772-1+30216130-6		W	8-9566-23
			22. RP1 (and/or RP2 to RP5) is not linked with an NCAGE Code recorded in NMCRL		W	8-9566-24
			23. Clear Text element length is too long for XXX prefix The maximum number of characters of the Clear Text for this prefix can be 190 **Example:** Length of "NAMcleartext#"<= 194 **Note:** XXX is one of the following: NAM		W	8-9566-25

562.13.1 KHN transaction → Input validation control – All records

	Data Element (DRN)	Posi-tion	Value control carried out	Reject Code	Reject / Warning	Warning Code (MIS)
			24. Clear Text element length is too long for XXX prefix The maximum number of characters of the Clear Text for this prefix codes can be 38 **Example:** Length of "ST1cleartext#" "<= 42 **Note:** XXX is one of the following: ST1, ST2, CIT, STE, STT, PSC, POB, PCC or PCS		W	8-9566-26
			25. Clear Text element length is too long for XXX prefix The maximum number of characters of the Clear Text or this prefix can be 50 **Example:** Length of "TELcleartext#"<=54 **Note:** XXX is one of the following: IDN, TEL, FAX, IDN, EMA, WWW, BAR, UNS, SIC, NAI or NAC		W	8-9566-27
			26. Clear Text element length is too long for XXX prefix The maximum number of characters of the Clear Text or this prefix can be 5 **Example:** Length of "TELcleartext#"<=9 **Note:** XXX is one of the following: RP1, RP2, RP3, RP4 or RP5		W	8-9566-28
			27. Clear Text element is blank		W	8-9566-29
			28. Clear Text contains two or more consecutive spaces		W	8-9566-30

562.13.1 KHN transaction → Input validation control – All records

	Data Element (DRN)	Posi-tion	Value control carried out	Reject Code	Reject / Warning	Warning Code (MIS)
			29. Consecutive data element terminator codes not allowed (##)		W	8-9566-31
			30. Clear Text contains characters not included in Sub-Section 553, Table 21		W	8-9566-32
16	GLN CODE (9568)	XML	1. GLN code must be a 13-digit number **Example:** 8435398600044		W	8-9568-1
17	UNSPSC (9574)	XML	1. UNSPSC code must be an 8-digit number **Example:** 44101501		W	8-9574-1
18	ISIC CODE(1368)	XML	1. ISIC code must be a 4-digit number **Example:** 3559		W	8-1368-1
19	NACE CODE (2657)	XML	1. NACE code must be a number from 2 digits minimum to 4 digits maximum **Example:** 4614		W	8-2657-1
20	CPV CODE (9569)	XML	1. CPV code must consist of 10-alphanumeric characters **Example:** 35126000-3		W	8-9569-1

NOTE: (W) Control is done by NSPA, but with no reject.

562.13.2 Processing study - KHN transaction

Once all KFF and KHN data are uploaded in the NMCRL database, following data integrity checks are performed before data extraction.

KHN transaction → Data Integrity Processing			
	Data Element (DRN)	**Value control carried out**	**Reject Code / Remarks**
1	NCAGE (4140)	Missing NCAGE from full KHN file while it was previously included in the database	Inform DATE OF LAST CHANGE (DRN 9567) updated to the value "33333"

562.14 NMCRL – KFF Input Validation Report Error Codes

Code	Explanation
COMMON	
000	PSN (Package Sequence Number) format is not correct
001	Submitter Code is not consistent with the country sending the package
002	Submitter Code is unknown and differs from Sub-Section 553, Table 18
004	Transaction Date is invalid
005	Header of the package is invalid
006	There is an inconsistency throughout the package, controls are done in every record of the package from the position No. 1 to position No. 40 except positions No. 4 – 6 (PSN)
007	PSN (Package Sequence Number) is out of the sequence
008	PSN (Package Sequence Number) termination is invalid
009	Segment Code is invalid
010	DCSN (Document Control Serial Number) is invalid
011	There is a record longer than 80 characters
012	NCB (National Codification Bureau) Code is invalid
COMMON KFF	
020	DIC (Document Identifier Code) format is not correct
021	NIIN (NATO Item Identification Number) format is not correct
022	NSC (NATO Supply Class) format is not correct
024	NCB (National Codification Bureau) Code does not match with the Submitter Code
027	NSC (NATO Supply Class) is invalid being not part of H2 – DB2, Table 076
SEGMENT A	
034	There is a duplicate Segment A record in the package
035	At least one Segment A or one Segment K must be present at the package
SEGMENT B	
040	MOE RULE No (Major Organizational Entity Rule Number) is invalid
041	MOE RULE No (Major Organizational Entity Rule Number) must be alpha-numerical

Code	Explanation
042	CIC (Continuation Indicator Code) is not in line with Sub-Section 512.2
SEGMENT C	
057	NCAGE Code (NATO Commercial and Government Entity Code) is missing or format is not correct
059	RN (Reference Number) is missing or format is not in line with Sub-Section 553, Table 21
060	CIC (Continuation Indicator Code) is invalid
061	CIC (Continuation Indicator Code) sequence is not correct
SEGMENT K	
070	NIIN SC (NATO Item Identification Number Status Code) is missing or differs from 3, 4, 5, 7, 8 or 9
071	Replacement NSN1 is missing if NIIN SC (NATO Item Identification Number Status Code) is 3, 5 or 7
072	Replacement NSN1 format is not correct
073	Replacement NSN2 is missing if NIIN SC (NATO Item Identification Number Status Code) is 3
074	Replacement NSN2 format is not correct
076	There is more than one Segment K in the package
078	Replacement NSN1 is not required, due to NIIN SC (NATO Item Identification Number Status Code) is 4 or 8
079	Replacement NSN2 is not required, due to NIIN SC (NATO Item Identification Number Status Code) is 4, 5, 7 or 8
SEGMENT V	
083	Last CIC (Continuation Indicator Code) in the position 80 is not blank
084	CIC (Continuation Indicator Code) is not “-“ (dash); except the last Segment V

562.15 NMCRL – KHN Input Validation Report Error Codes

Code	Explanation
COMMON	
0-A000-1	Record with more than 80 characters
0-3920-2	DIC must be consistent throughout entire package
0-1070-1	PSN: First record must be A01 or Z01
0-1070-2	PSN: Valid format is XNN, where “X” is a letter in the range “A” to “Z” inclusive and “N” is a number in the range 0 to 9 inclusive
0-1070-3	PSN: Number of sequence must be correct throughout entire package
0-1070-4	PSN: Last record must start by Z
0-4210-1	Originator Code must be present
0-4210-2	Originator Code must be alpha-numerical
0-4210-3	Originator Code must be consistent throughout entire package
0-3720-1	Submitter Code must appear in Sub-Section 553, Table 18
0-3720-2	Submitter Code must be consistent throughout entire package
0-2310-1	Transaction date must be present
0-2310-2	Transaction date must be numerical
0-2310-3	Transaction date must be greater than "YY000" and less than "YY367"
0-2310-4	Transaction date must be consistent throughout entire package
0-1000-1	DCSN must be present
0-1000-2	DCSN must be in prescribed form (see Sub-Section 543, DRN 1000)
0-1000-3	DCSN must be consistent throughout entire package
SEGMENT 8	
8-3920-1	DIC must be KHN
8-4140-1	NCAGE Code must be present
8-4140-2	NCAGE Code must be in prescribed form in accordance with the Submitter Code (see CodSP-3)
8-4140-6	NCAGE Code must be consistent throughout entire package

Code	Explanation
8-2694-1	NCAGE Status Designator Code must be a value defined in ACodP-1, Sub-Section 553, Table 24
8-2694-2	NCAGE Status Designator Code must be “R” if RP1 (and/or RP2 to RP5) exist(s)
8-2694-3	NCAGE Status Designator Code must not be “R” if RP1 (and/or RP2 to RP5) do(es) not exist
8-2694-5	NCAGE Status Designator Code must be consistent throughout entire package
8-4235-1	US F/DDC must be present for NCAGE Code like #***#
8-4235-2	US F/DDC must be blank for NCAGE Code not like #***#
8-4235-3	US F/DDC must be 1 or 2 for NCAGE Code like #***# and Submitter Code is ZZ
8-4235-4	US F/DDC must be 3 for NCAGE Code like #***# and Submitter Code is ZC
8-4235-5	US F/DDC must have value of 1 or 2 or 3 when required
8-4235-6	US F/DDC must be consistent throughout entire package
8-4238-1	Type of Organizational Entity Code must be a value defined in ACodP-1, Sub-Section 553, Table 129
8-4238-6	Type of Organizational Entity Code must be consistent throughout entire package
8-9567-1	Date of Last Change must be present
8-9567-2	Date of Last Change must be numerical
8-9567-3	Date of Last Change must be greater than "YY000" and less than "YY367"
8-9567-4	Date of Last Change must be consistent throughout entire package
8-8999-1	Segment Code must be 8
8-9566-1	Prefix must be a value defined in ACodP-1, Sub-Section 553, Table 23
8-9566-2	Each Prefix must appear just once
8-9566-3	Name (prefix NAM) must be present.
8-9566-4	If NCAGE is active (NCAGESD Code <> F, H, N, P, R), the first line of street Address (prefix ST1) must be present
8-9566-5	If NCAGE is active (NCAGESD Code <> F, H, N, P, R), City (prefix CIT) must be present
8-9566-6	If NCAGE is active (NCAGESD Code <> F, H, N, P, R), Country Code of NCAGE (prefix CTR) must be present

Code	Explanation
8-9566-7	Country Code of NCAGE (prefix CTR) must be a value defined in CodSP-3
8-9566-8	If NCAGE is active (NCAGESD Code <> F, H, N, P, R), Post Code (prefix PSC) must be present
8-9566-9	If prefix PCC is present and NCAGE is active (NCAGESD Code <> F, H, N, P, R), prefixes PCS and CTR must be present
8-9566-10	If prefix PCS is present and NCAGE is active (NCAGESD Code <> F, H, N, P, R), prefixes PCC and CTR must be present
8-9566-11	Prefix STE is for use only by the US and Canada
8-9566-12	Prefix STE must be a value defined in ACodP-1, Sub-Section 553, Table 137
8-9566-13	Prefix STT is not for use by the US and Canada

Section 570 - International Exchange of Codification Data

Sub-Section 571 - Shipments of Data

571.1 **General**

All codification operations (requests for data, updating and notification of processing completed) are transmitted from one country to another by NATO Mailbox System (NMBS) or by using other telecommunication systems or electronic data carriers.

Each transmission of such data constitutes a shipment.

571.2 **Constitution of a shipment**

571.2.1 Excluding the carrying medium (telecommunication messages, data carriers) by which codification data is exchanged, a shipment may comprise :

(1) inputs (L DICs)

(2) outputs (K DICs) which can be subdivided into :

(a) notifications,

(b) file maintenance.

(3) supplementary information from miscellaneous documents related to data constituting the shipment (NATO Form AC/135-No 7, 26, etc.).

571.2.2 A shipment may contain input and output data. The data should not be mixed if they are transmitted on a single data carrier or in a single communication message.

571.3 **Follow-up to shipments**

571.3.1 The processing by a receiving NCB of file maintenance data transmitted in different shipments by the same NATO or Tier 2 sponsored country, must be carried out in the order of the creation of the shipments.

It is therefore absolutely essential that the "chronology" of shipments can be easily ascertained on the basis of a shipment number.

571.3.2 **Numbering of telecommunication messages**

The NMBS transmission control is carried out in accordance with Sub-Section 493. If other telecommunication systems are implemented the transmission control will be carried out according to the terms of the bilateral agreement.

571.3.3 **Numbering of electronic data carriers shipments**

A number in a continuous sequence, per year and per receiving NCB, will be allocated to shipments containing output data.

Example :

From :	FRA	To :	DEU
Shipment No:	2/81		
	the previous shipment being No 1/81		

571.4 **Frequency of shipments**

In principle each NCB updates its file in accordance with the processing cycle stipulated in CodSP-23.

571.5 **Outline of shipment contents**

571.5.1 **Inputs**

Inputs must be accompanied by NATO forms as follows :

a. Inputs other than LSA (LTI, LAU, LDU, LAR, LCR, LDR and LMD)

These inputs do not require special data on a request form. In the case of a LAR request for reproduced items, a NATO Form AC/135-No 6 will be added.

b. LSA Inputs

These requests, classified according to DCNs, are accompanied by either one or several NATO Forms AC/135-No 7 or L07 transactions containing full particulars, each relating to a group of LSA inputs (see Chapter IV, Paragraph 434.3) and having at least the first 12 characters of the DCN in common (see Chapter IV, Sub-Paragraph 434.10.1, Block 040).

571.5.2 **Outputs**

Outputs may be :

a. separated into notifications (classified according to DCNs) and updating (classified according to NIIN) ;

b. or grouped together classified according to DCNs.

571.5.3 **Miscellaneous**

They may consist of :

a. listings,

b. other documents.

571.6 Shipment of electronic data carriers

571.6.1 General Remarks

(a) The data carriers must comply with existing international standards;

(b) The packaging must be such that the electronic data carriers and the data recorded thereon are not likely to be damaged or corrupted during transport.

571.6.2 Package Identification

Depending upon size a shipment may consist of one or more packages of electronic data carriers. Each package must be identified by a package label as below :

Package label
(Example)

From :	GBR	To :	FRA
Shipment No:	3/81		
Package No:	1 of 2		

571.6.3 Electronic data carriers identification

Each electronic data carrier must be identified by a marking (see Paragraph 571.8).

571.6.4 Each shipment should only contain carriers created on the same date as processing cycle and may be composed either of one single carrier (single volume file) with a Sequence Number -SN- of "1/1", or of two or more carriers (multivolume file) with a SN of "1/n", "2/n", ..., "n/n".

571.7 Shipment Advice Note (NATO Form AC/135-No 26)

571.7.1 Aim

The aim of the shipment advice note is to provide a means of checking the "chronology" of shipments and to keep a quantitative inventory of the components of this shipment (number of electronic data carriers, number of NATO Form AC/135, etc.).

571.7.2 The NATO Form AC/135-No 26 (see Paragraph 571.7.3) will be annexed to each shipment of codification data dispatched by one NATO or Tier 2 sponsored country to another.

This form is also used whenever electronic data carriers are returned to the NCB that owns them.

One copy is to be returned to the dispatching NCB as an acknowledgement of receipt.

571.7.3 **Instructions for the completion of the NATO Form AC/135-No 26 "SHIPMENT ADVICE NOTE"**

PART A

Block	Instructions
1	Insert your "3-letter" Country Code according to ISO 3166-1 and as listed in CodSP-3 (see Note*).
2	Insert your reference and date for control purposes.
3	Insert the "3-letter" Country Code of the receiving activity according to ISO 3166-1 and as listed in CodSP-3 (see Note*).
4	Indicate the sequential number of the shipment of output, mixed data or return carriers (See paragraph 571.3.2) and if applicable indicate the NMBS message number of the transmission which had been transmitted before this data shipment.
5	This block is to be completed when the shipment contains electronic data carriers, e.g. CD-ROM, DVD, etc.
5A	Insert the quantity of carriers containing input data (see Paragraph 571.2) and also complete Block 6.
5B	Insert the quantity of carriers containing output data (see Paragraph 571.2) and also complete Block 6.
5C	Insert the quantity of carriers containing mixed data i.e. input and output data (see Paragraph 571.2) and also complete Block 6.
5D	Insert the quantity of carriers that are being returned and also complete Block 6. The reason for the return of the data carrier (e.g. processed, illegible, damaged, etc.) is to be given in the Block 9 "Remarks" of the form.
5E	Insert the quantity of carriers containing any other data and state the type of data (e.g. System Support Record Data, Replacement File, etc.) to the left of the box and complete Block 6. A reference to letters that agreed to the exchange of such data is to be given in the Block 9 "Remarks" of the form.
6	This block is to be completed for each carrier.
6A	Insert the type of transactions e.g. LSA, LAU, KHN; KFF, etc. and quantity of DCNs per carrier.
6B	Insert the Sequence Number -SN- of the electronic data carrier.

* Note: NSPA having no NATO code, will be referred to as "NSPA"

Block	Instructions
6C	If the electronic data carrier is packed for shipment in a returnable outer container, complete this column by inserting the identification number of the container.
7	This block is to be completed when the shipment contains miscellaneous data.
7A	Insert the quantity of listings included in the shipment.
7B	Insert the quantity of data carrier containing any other data included in the shipment and state the type of data and the medium (e.g. descriptive data on microfiche).
8	This block is to be completed when the shipment contains supporting documents.
8A	Insert the quantity of NATO Forms AC/135-No 7 included in the shipment.
8B	Insert the quantity of any other supporting document included in the shipment and state the type of the documents.
9	Space for the provision of any relevant additional information.
10	Signature of the official responsible for the shipment.

PART B

Block	Instructions
1	This block is to be completed from the receiving activity.
1A	Insert your reference and date for control purposes.
1B	Indicate the date of receipt.
1C	Signature of the official responsible.

NATO CODIFICATION SYSTEM - SYSTÈME OTAN DE CODIFICATION

SHIPMENT ADVICE NOTE /
BORDEREAU D'ENVOI

PART A **PARTIE A**

1 FROM / DE	2 REFERENCE / RÉFÉRENCE , DATE	3 TO / POUR

4 SHIPMENT No / N° DE L'ENVOI

LAST NMBS MESSAGE NUMBER /
DERNIER NUMÉRO DE MESSAGE NMBS

5 DATA CARRIER / SUPPORT D'INFORMATION

5A INPUT DATA / DONNÉES D'ENTRÉE		5D RETURNED CARRIER / SUPPORT EN RETOUR	
5B OUTPUT DATA / DONNÉES DE SORTIE		5E OTHER DATA / AUTRES DONNÉES	
5C MIXED DATA / DONNÉES MIXTES			

6 DATA CARRIER FOR PROCESSING OR RETURNED CARRIERS /
SUPPORT D'INFORMATION POUR TRAITEMENT OU SUPPORT EN RETOUR

6A TRANSACTIONS		6B SEQUENCE NUMBER (SN) / N° D'ORDRE (NO)	6C RETURNABLE CONTAINER IDENTIFICATION No / N° D'IDENTIFICATION DE L'EMBALLAGE EN RETOUR
TYPE	QTY / DCN QTÉ / ND		

7 MISCELLANEOUS / DIVERS		8 SUPPORTING DOCUMENTS / PIÈCES JOINTES	
7A LISTINGS / LISTES		8A NATO FORM AC/135 No 7 / FORMULAIRE OTAN AC/135 N° 7	
7B OTHER DATA/ AUTRES DONNÉES		8B OTHER SUPPORTING DOCUMENTS/ AUTRES PIÈCES JOINTES	

9 REMARKS / REMARQUES

10 SIGNATURE

PART B **PARTIE B**

1 ACKNOWLEDGEMENT OF RECEIPT / ACCUSÉ DE RÉCEPTION

1A REFERENCE / RÉFÉRENCE, DATE	1B RECEIVED ON / REÇU LE	1C SIGNATURE

NATO FORM AC/135-No 26 **(07.01)** **FORMULAIRE OTAN AC/135-N° 26**

571.8 Marking of electronic data carriers

571.8.1 The electronic data carrier (e.g. CD-ROM, DVD) should be marked according to NATO Form AC/135-No 26 with the following information :

- "3-letter" Country Code (Block 1 and 3 of NATO Form AC/135-No 26) ;
- Shipment No. (Block 4 of NATO Form AC/135-No 26) ;
- Type of transactions (Block 6A of NATO Form AC/135-No 26) ;
- Julian Date of file creation.

571.8.2 Marking of the electronic data carrier should be done taking care not to damage it.

Section 580 – NATO Master Catalogue of References for Logistics – Data Quality

Sub-Section 581 - NMCRL Data Validation

581.1 **General**

To ensure the integrity of the data contained in the NMCRL database, NSPA will run on a regular basis the following series of data quality validation programs:

• Segment A, C and V on NSNs with NIIN SC = 0, 1, 6 and 9	Segments received by NSPA from NCBs
• Segment B on NSNs with NIIN SC = 0, 1 and 9	
• Segment K on NSNs with NIIN SC = 3, 4, 5, 7, 8 and 9	
• Segment 8 on NCAGE Codes with NCAGESD Code = A, C, E, M, T, U, W and Y	

The detailed results of the validation will be integrated in AC/135 Management Information System (MIS) Anomaly Reports.

Key Performance Indicators (KPI) will be calculated just on NSNs with NIIN SC = 0 and 1.

Weight factors are used for KPI calculation. Each Quality Check has been assigned one of the following weight factors:

5	**VERY IMPORTANT**	Observed anomalies have a direct influence on the quality and therefore should be corrected as soon as possible.
2	**IMPORTANT**	Observed anomalies have a lesser influence on the quality and therefore should be corrected in midterm (3 to 6 months).
1	**NORMAL**	Observed anomalies should be corrected whenever possible.
0	**WARNING**	Observed anomalies should be corrected whenever possible. The severity is so low that it will not be counted in any KPI.

NOTE: Before NSN/NCAGE data integration in the NMCRL database, input validation controls are performed by NSPA on KFF/KHN transactions according to paragraphs 562.12 and 562.13.

581.2 NSN Validation

NSN validation consists of a report generated for all nations and performed on a monthly basis.

The following 4 tables provide details of the validation checks to be performed for the report.

581.2.1 Segment A data

Check Ref.	Weight Factor	Data Element (DRN)	Check description
A-0167-1	2	DEMIL Code (0167)	Invalid Demilitarization Code in Segment A
A-2180-1	1	Date, NIIN Assignment (2180)	Invalid or missing Date of NIIN Assignment
A-3990-1	1	NSC (3990)	NSC is not an active NSC in U.S. DB2 table 076 or doesn't exist
A-3990-2	5	NSC (3990)	Invalid NSC/INC combination
A-4080-2	0	INC (4080)	Invalid Item Name Code
A-4080-3	1	INC (4080)	INC Segment A <> INC of MRC NAME Segment V
A-4080-4	1	INC (4080)	INC in Segment A but MRC NAME not approved INC format
A-4080-5	0	INC (4080)	INC 77777 but MRC NAME with approved INC format
A-4080-6	0	INC (4080)	INC 77777 and MRC NAME = 77777
A-4080-7	1	INC (4080)	INC 77777 but MRC NAME (MODE_CODE<>E) reply 5c (not INC and not 77777)
A-4080-8	1	INC (4080)	INC 77777 but MRC NAME (MODE_CODE<>E) reply >5c
A-4080-9	1	INC (4080)	INC 77777 and Item NAME 19c <> reply 1-19c of MRC NAME with MODE_CODE = E
A-4765-1	0	RPDMRC (4765)	Invalid Reference or Partial Descriptive Method Reason Code
A-4820-1	0	Type II Code (4820)	Invalid Type of Item Identification Code
A-4820-2	0	Type II Code (4820)	TIIC = 2 but Segment V DATA available in NMCRL
A-4820-3	2	Type II Code (4820)	TIIC <> 2 but NO Segment V DATA available (excluded NSNs if PRPY = PACS)

Check Ref.	Weight Factor	Data Element (DRN)	Check description
A-4820-4	1	Type II Code (4820)	TIIC = L or N but MRC ZZZY missing (excluded NSNs if PRPY = PACS or PRPY = ZZZY)
A-4820-6	0	Type II Code (4820)	TIIC = 1, K or L, but INC = 77777 or IIG = A238 or A239
A-4820-7	2	Type II Code (4820)	NIIN has a TIIC of 1, K or L, however not all of the mandatory MRCs and associated relations are answered. • all mandatory MRC from DB2 table TABL120 must be replied • all “secondary mandatory” MRC from DB2 table TABL121 must be replied (code “LGB” in TABL121)
A-5010-1	0	AIN (5010)	Approved Item Name is missing, but INC exists
A-5020-1	0	NON AIN (5020)	Non-Approved Item Name is missing, but INC = 77777

581.2.2 **Segment B data**

Check Ref.	Weight Factor	Data Element (DRN)	Check description
B-8290-1	0	MOE Rule No (8290)	Invalid MOE Code (DRN 2833) not related to a NATO, Tier 2 or Tier 1 nation

581.2.3 **Segment C data**

Check Ref.	Weight Factor	Data Element (DRN)	Check description
C-0846-1	0	REF (0846)	Reference with NCAGE Code = IREF0 recorded in conjunction with other Primary Reference(s) (RNCC 1, 2, 3 or 4)
C-0846-2	2	REF (0846)	Reference with NCAGE Code = IREF0 - Non valid combination of related codes (valid combination is RNCC=3, RNVC=2, DAC=9, RNFC=4, RNSC=B)
C-0846-3	5	REF (0846)	NSN without any primary reference (NO RNCC 1, 2, 3 or 4) and Type II Code <> 1
C-0846-4	5	REF (0846)	NSN without any reference and Type II Code <> 1
C-0846-5	2	REF (0846)	1 to 5 Primary Reference(s) (RNCC 1, 2, 3 or 4) recorded in TIR with Type O.E. Code = F

Check Ref.	Weight Factor	Data Element (DRN)	Check description
C-0846-6	2	REF (0846)	1 to 5 Reference(s) recorded in TIR with Type O.E. Code = G
C-0846-7	1	REF (0846)	Invalid format of Reference Number related to the NCAGE Code IREF0 (<>NO PRIMARY REF **-***-****)
C-0846-9	0	REF (0846)	Reference with NCAGE Code = INTE8 or INTE9 - Non valid combination of related codes (valid combination is RNCC=6, RNVC=9, DAC=9, RNFC=4, RNSC=B)
C-0846-10	0	REF (0846)	Invalid format of Reference Number related to the NCAGE Code INTE9 (<>**-***-****)
C-0846-13	2	REF (0846)	Segment V MRC ELRN exist but NO Reference Number with "-" in column 32
C-0846-14	5	REF (0846)	Reference Number having "-" in cc 32, cc 1-31 <> reply cc 2-32 of Segment V MRC ELRN
C-0846-15	~~2~~5	REF (0846)	Reference Number with “-“ in column 32 but NO Segment V MRC ELRN (excluded NSNs if PRPY = PACS or PRPY = ELRN)
C-0846-16	~~2~~5	REF (0846)	Obsolete/replaced NCAGE Code (NCAGESD Code = F, H or R) on reference coded with RNVC <> 9 and/or RNSC <> B
C-2640-1	0	DAC (2640)	Invalid Document Availability Code
C-2750-1	~~0~~2	RNJC (2750)	Invalid Reference Number Justification Code
C-2900-1	5	RNAAC (2900)	Reference Number Action Activity Code is missing or is only one character
C-2910-1	5	RNCC (2910)	Invalid Reference Number Category Code
C-2910-2	0	RNCC (2910)	NCAGE is listed in ACodP-1, Chapter II, ANNEX A and RNCC <> 6
C-2910-3	0	RNCC (2910)	NCAGE is neither listed in ACodP-1, Chapter II, ANNEX A nor in CodSP-82 and RNCC = 6
C-2920-1	~~0~~5	RNFC (2920)	Invalid Reference Number Format Code
C-2923-1	5	RNSC (2923)	Invalid Reference Number Status Code
C-3570-1	0	RN (3570)	Invalid characters in Reference Numbers. See Sub-Section 553, Table 21
C-3570-2	0	RN (3570)	Lower case letter(s) in Reference Numbers

Check Ref.	Weight Factor	Data Element (DRN)	Check description
C-3570-3	0	RN (3570)	Space "blank" in first position and/or two or more consecutive spaces "blanks" in Reference Numbers
C-3570-4	0	RN (3570)	Crunched Reference Number recorded with NCAGE Code "INTE9" doesn't match with an active NSN (Segment A)
C-4140-1	2	NCAGE Code (4140)	NCAGE Code = INTE9 - The link between interchangeable NSNs is only indicated in one direction. The reverse link is missing
C-4780-1	5	RNVC (4780)	Invalid Reference Number Variation Code

581.2.4 **Segment K data**

Check Ref.	Weight Factor	Data Element (DRN)	Check description
K-2670-1	0	NIIN SC (2670)	Invalid NIIN Status Code (# 3, 4, 5, 7, 8, 9 or blank)
K-8875-1	0	REPL NSN (8875)	NIIN Status Code (DRN 2670) = 3 **and** One or two Replacement NSN(s) missing
K-8875-2	0	REPL NSN (8875)	NIIN Status Code (DRN 2670) = (4 or 8) **and** One or two Replacement NSN(s) exist(s)
K-8875-3	0	REPL NSN (8875)	NIIN Status Code (DRN 2670) = (5 or 7) **and** One Replacement NSN missing
K-8875-4	0	REPL NSN (8875)	NIIN of Replacement NSN does not exist

581.2.5 **Segment V data**

Check Ref.	Weight Factor	Data Element (DRN)	Check description
V-0766-1	0	ISAC (0766)	Identified Secondary Address Code (ISAC) reply is not allowed in the Edit Guide (TABL121)
V-0766-2	0	ISAC (0766)	ISAC decode table is not present in the Edit Guide (TABL120)
V-3317-1	2	Coded Characteristics Data Group (3317)	2nd Character of the Reply is “blank”
V-3317-2	2	Coded Characteristics Data Group (3317)	2 or more consecutive “blanks” in the Reply

Check Ref.	Weight Factor	Data Element (DRN)	Check description
V-3317-3	1	Coded Characteristics Data Group (3317)	Reply not correctly formatted MILSTICCS rules checked • If Mode Code=B, then reply format : [M] digit (. or ,) digit • If Mode Code=F, then reply format : (M or P) digit (. or ,) digit / (M or P) digit (. or ,) digit
V-3317-4	0	Coded Characteristics Data Group (3317)	No reply is provided.
V-3317-5	5	Coded Characteristics Data Group (3317)	Invalid Character in reply. See Sub-Section 553, Table 21
V-3317-7	2	Coded Characteristics Data Group (3317)	Duplicate MRC without secondary coding (except MRC TEXT-NAME-FEAT)
V-3317-8	2	Coded Characteristics Data Group (3317)	Redundant replies example: • BHGKA1$$A1 • AAJFDAAL$DAAL
V-3445-1	2	MRC (3445)	Master Requirement Code is not included in the U.S. file MRD0107
V-3445-2	0	MRC (3445)	MRC format not valid
V-3445-3	0	MRC (3445)	Drawing data is not present in the Edit Guide (TABL131)
V-3445-4	0	MRC (3445)	MRC is not present in the Edit Guide (TABL120)
V-3445-5	0	MRC (3445)	Reply code is not available in the Edit Guide (TABL121). (for MRC with Mode Code = D, H or J only)
V-4735-1	2	Mode Code (4735)	Mode Code is different than 'A', 'B', 'D', 'E', 'F', 'G', 'H', 'J', 'L'
V-4735-2	1	Mode Code (4735)	Mode code is not compatible with the Mode Code recorded in the U.S. Master Requirement Directory file MRD0107 : • MRD107 Mode Code in (A, B, F, H, J, L) → valid code is the assigned Mode Code or E • MRD107 Mode Code is D → valid code is D or E • MRD107 Mode Code is G → valid code is G only

581.3 NCAGE data Validation

NCAGE data validation will be performed on NCAGEs included in the last full file or on newly created NCAGEs i.e. validations are not made on "NCAGEs preserved in the NMCRL database" (DATE OF LAST CHANGE - DRN 9567 = "33333").

NCAGE validation consists of a report generated for all nations and performed on a monthly basis. It will be published in the Management Information System (MIS) in order to alert the NCBs to correct them.

The following table provides details of the validation checks to be performed for the report.

Warning Code (MIS)	Weight Factor	Data Element (DRN)	Check description
8-2694-4	5	NCAGESD Code (2694)	NCAGE Status Designator Code not valid for your nation
8-3405-1	2	DUNS Number (3405)	DUNS must be a 9-digit number (XML only)
8-4140-3	5	NCAGE Code (4140)	Circular reference between the NCAGE Code and its replacements
8-4140-4	0	NCAGE Code (4140)	Letter “O” is applied to the structure of NCAGE
8-4140-5	0	NCAGE Code (4140)	Letter “I” is applied to the structure of NCAGE assigned out of NSPA and/or Letter “I” is applied to other than 1st position of NCAGE assigned by NSPA
8-4238-2	5	Type O.E. Code (4238)	Type of Organizational Entity Code "D" for FRANCE use only
8-4238-3	5	Type O.E. Code (4238)	Type of Organizational Entity Code "A" for US and CANADA use only
8-4238-4	5	Type O.E. Code (4238)	Type of Organizational Entity Code = F and more than 5 Primary References are recorded in NMCRL
8-4238-5	5	TYPE O.E. Code (4238)	Type of Organizational Entity Code = G and more than 5 References are recorded in NMCRL
8-9566-16	5	NCAGEDG (9566)	E-mail address format must be valid
8-9566-17	5	NCAGEDG (9566)	Website address format must be valid
8-9566-18	0	NCAGEDG (9566)	If there are multiple GLN Codes to add to the prefix BAR they must be denoted by the character “+“ (NADEX only) **Example:** 8435398600044+8410086000009+8411940000005

Warning Code (MIS)	Weight Factor	Data Element (DRN)	Check description
8-9566-19	0	NCAGEDG (9566)	If there are multiple UNSPSCs to add to the prefix UNS, they must be denoted by the character "+" (NADEX only) **Example:** 44101501+25101509
8-9566-20	0	NCAGEDG (9566)	If there are multiple ISIC Codes to add to the prefix SIC, they must be denoted by the character "+" (NADEX only) **Example:** 3559+3829+3823
8-9566-21	0	NCAGEDG (9566)	In the prefix NAC is not allowed punctuation marks (NADEX only)
8-9566-22	0	NCAGEDG (9566)	If there are multiple NACE codes to add to the prefix NAC, they must be denoted by the character "+" (NADEX only) **Example:** ~~4614+3320+5246~~12+463+4726
8-9566-23	0	NCAGEDG (9566)	If there are multiple CPV codes to add to the prefix CPV, they must be denoted by the character "+" (NADEX only) **Example:** 35126000-3+30199761-2+72212772-1+30216130-6
8-9566-24	0	NCAGEDG (9566)	RP1 (and/or RP2 to RP5) is not linked with an NCAGE code recorded in NMCRL
8-9566-25	0	NCAGEDG (9566)	Clear Text element length is too long for XXX prefix. The maximum number of characters of Clear Text for this prefix can be 190 **Note:** XXX is one of the following: NAM
8-9566-26	0	NCAGEDG (9566)	Clear Text element length is too long for XXX prefix. The maximum number of characters of Clear Text for this prefix can be 38 **Note:** XXX is one of the following: ST1, ST2, CIT, STE, STT, PSC, POB, PCC or PCS
8-9566-27	0	NCAGEDG (9566)	Clear Text element length is too long for XXX prefix. The maximum number of characters of Clear Text for this prefix can be 50 **Note:** XXX is one of the following: IDN, TEL, FAX, IDN, EMA, WWW, BAR, UNS, SIC, NAI or NAC
8-9566-28	0	NCAGEDG (9566)	Clear Text element length is too long for XXX prefix. The maximum number of characters of Clear Text for this prefix can be 5 **Note:** XXX is one of the following: RP1, RP2, RP3, RP4 or RP5
8-9566-29	0	NCAGEDG (9566)	Clear Text element is blank

Warning Code (MIS)	Weight Factor	Data Element (DRN)	Check description
8-9566-30	0	NCAGEDG (9566)	Clear Text contains two or more consecutive spaces
8-9566-32	2	NCAGEDG (9566)	Clear Text contains character not included in Sub-Section 553, Table 21
8-9568-1	0	GLN CODE (9568)	GLN code must be a 13-digit number (XML only) **Example:** 8435398600044
8-9574-1	0	UNSPSC (9574)	UNSPSC code must be an 8-digit number (XML only) **Example:** 44101501
8-1368-1	0	ISIC CODE (1368)	ISIC code must be a 4-digit number (XML only) **Example:** 3559
8-2657-1	0	NACE CODE (2657)	NACE code must be a number from 2 digits minimum to 4 digits maximum (XML only) **Example:** 4614
8-9569-1	0	CPV CODE (9569)	CPV code must consist of 10-alphanumeric characters (XML only) **Example:** 35126000-3

581.4 Lists of Duplicate Assigned NSNs (LDNSN)

The Non-NATO (NN) and NATO International (NI) LDNSN are produced and issued by NSPA on a bi-monthly basis and contain duplicate assigned NSNs relative to items of non-NATO and NATO International Organization's origin.

Production of the NN- and NI-LDNSN is based on the S- and I-NCAGE Codes contained in the Segment C part of the NMCRL data base at NSPA and aim to the elimination of duplicate assigned NSNs on a bilateral or multilateral basis.

581.5 Lists of Potential Duplicate NSNs

The Report of potential duplicate NSNs, based on matches of Item Name Code (INC) and Reference Number, will be produced on a yearly basis (month of January) by NSPA. This report will contain only potential duplicates created during the preceding calendar year.

Additional selection criteria used to restrict the list of potential duplicates are:

- NIIN SC = 0, 1 or 6
- Type II Code = 1, 2 or 4
- RNCC = 1, 2, 3 or 5
- RNVC = 2
- RNJC is blank
- INC not “77777”

581.6 List of NSN temporarily maintained in the TIR

Annually, the NSPA produces lists for users of cancelled NSNs temporarily maintained in the TIR (NIIN SC 9) present in the NMCRL database.

On receipt of the list, the addressee will review its own national requirements for use of the NSN and initiate a LDU transaction if concerned item is no longer in use in the country.

Section 590 - System Compliance Tests

Sub-Section 591 - Test Scenario

591.1 General

When a TIER 1 sponsored nation wants to apply for TIER 2 sponsorship or when a new codification software is launched in a current NATO or Tier 2 sponsored nation, compliance tests will be carried out on the following areas :

- NATO Codification (NATO/Tier 2 nation and Tier 2 applicant nation)
- Administrative Tasks (Tier 2 applicant nation)

591.2 Requirement for System Testing

A full test of the codification software used by an NCB must be carried out in the following circumstances:

1. When a Tier 1 nation applies to move to Tier 2 (Acceptance Testing)

2. When a NATO or Tier 2 nation introduces a software tool that they have not previously used (Compliance Testing). For example, a NATO member migrates from a legacy bespoke software to a commercial off-the-shelf (COTS) product. In this scenario they must be tested, even if the version they intend to use has already been qualified for international exchange, as it will be their first experience with the software and AC/135 must be sure that the nation is able to use the product correctly, and the proper IT architecture and system support is in place.

3. Any NATO or Tier 2 nation who is the first to use a new version of a tool where there has been a significant change to the software must be tested (Compliance Testing). Once this version has been qualified for international exchange of codification data then all other existing users of that product may upgrade to that version without the need for additional testing.

The decision on whether or not a change is significant will be made by the Chairman Panel A, in consultation with the affected nation and software provider. The main question is whether or not there has been any major alteration to the business rules and/or output modules (NADEX and XML). If the new version only introduces bug fixes, optimisation, screen changes etc., then it will not need to be tested.

591.3 NATO Codification

591.3.1 Capacity to exchange through the NATO Mailbox System (NMBS)

The capacity of transaction exchanges via the NATO Mailbox System will have been previously showed through regular exchanges as TIER 1 nation with two NATO or TIER 2 nations (see Chapter I, paragraph 142.6.2). Applicable NMBS exchanges principles and rules are indicated in Chapter IV, Sub-Section 493.

591.3.2 **NADEX transactions**

a. Automatic transactions

The transactions processed without any manual action " LAR ; LCR ; LDR ; LMD / LAU ; LDU ; LTI / LFN / L23 and K23" will be firstly submitted in valid transactions and on the other hand in submissions with errors in order to control the conformity of KRE or KRU rejects such as it is stipulated in Sub-Section 562.

For each of these transactions the errors check will concern one part of the test points of the "Input validation control" and " Processing study" stipulated in Sub-Section 562. According to the situation (NCB's experience and whether the codification system to be controlled is already implemented in another NCB) Panel A will determine a volume of tests between 10 and 25% of the controls included in the charts to be carried out.

In order to control the suspense file, the specific test "KRU – GW" (mentioned before the input validations controls) as well as LFN transactions with and without errors will be carried out on various transactions.

Nations and / or NSPA which carry out the tests will check that the reply timeframe (automatically provided by the system) are coherent with the periodicity of the NMBS transmission and the processing cycle specified in CodSP-23 (except K23 replies).

b. LSA transactions

The controls carried out will concern the capacity to process the LSA requests (automatic part and manual action) sent to the nation as well as the formatting of the LSA/L07 requests to be generated by the nation.

- LSAs processing : LSAs/L07s sets will be forwarded in order to check the controls specified at paragraph 562.8. : the "Input validation controls" will be processed according to the same principles that the above mentioned automatic transactions. But the "Processing study" phase at sub-paragraph 562.8.4 will be submitted to in-depth tests in order to globally control the major steps (KRT; KAT; K27 with different rejects etc.).
- Shipments of LSAs : In order to check the capacity to provide LSAs with coherent and correctly linked L07s (Document Control Number) some lists of Items of production from a nation participating to the tests will be provided. The nation being tested will have to produce LSAs/L07s sets from these lists.

591.3.3 **Other transactions/requests processed outside direct NADEX exchanges**

a. Implementation of the Item of Supply Concept - NSN

An analysis on the existing NSNs already recorded in the TIR as well as on the NSNs created further to the above mentioned LSA tests should control that the basic rules regarding the creation of Item of Supply are correctly implemented.

b. TIR maintenance capacity

On NSNs created for test purpose, various maintenance transactions will be requested by Email such as data change (NSC/Item Name change, primary reference addition/change see Chapter IV, Sub-Section 442), NSNs cancellation and NSNs reinstatement. The corresponding K-DIC output data will be controlled in their form and will be studied in their content.

c. NCAGE codes Assignment

All or most of the types of requests for NCAGE codes with various economic/administrative entities, will be transmitted and tested. Some requests must include inconsistencies or errors.

d. Provision of KFF and KHN files

The quality of the data included in these files will be checked on the basis of the NMCRL data quality controls stipulated at Section 580. Control of test data will be in accordance with Chapter IV, paragraph 415.3 .

e. Provision of H2 – H6 files

Nations wanting to include the NSC/Groups data and Item names in ACodP-2/3 translated in their language, will have to provide files in the format stipulated in CodSP-75.

591.4 Administrative exchanges

591.4.1 Updating of CodSP tables

Prior to the tests implementation, the nation will update data on all the CodSP tables related to TIER 2 sponsored nation status and forward to NSPA.

591.4.2 Electronic Statistics Report ESR2

After having carried out tests on the above-mentioned LSA's the nation will provide the Electronic Statistics Report ESR2.

Sub-Section 592 - Test acceptance criteria

The results of the tests carried out according to the instructions in Sub-Section 591 will result in the validation of the codification system of the tested nation according to the below mentioned criteria.

592.1 **NATO Codification**	
• Capacity to exchange through the NATO Mailbox System (see 591.2.1)	The NMBS exchanges should have been effective and reliable for a one full year period
• Automatic NADEX transactions (see 591.2.2 a) • LSA transactions (see 591.2.2 b)	1. In case of <3% errors => the tests are valid and the nation will correct the possible anomaly(ies) 2. In case of errors from >=3% to < 10% => only one series of complementary tests is carried out with : a) final acceptance in case of < 3% errors (idem case N° 1) or b) global reject in case of >= 3% errors (idem case N° 3) 3. In case of >= 10% errors global reject of all the tests : the nation should review its system and will be submitted to new tests later.

592.2 **Other transactions /requests**	
• Implementation of the Item of Supply Concept – NSN • TIR maintenance capacity • NCAGE codes Assignment • Provision of KFF and KHN files • Provision of H2 – H6 files	According to the anomalies noticed (criticality and number) Panel A will or will not accept the tests. Anomalies should be corrected.

592.3 **Administrative exchanges**	
• Updating of CodSP tables • Electronic Statistics Report ESR2	Panel A will request correction for the anomalies noticed. However the errors by themselves will not be able to call the tests acceptance into question.

ANNEXES
-
XML IN NATO DATA EXCHANGE

Preface

These Annexes complement ACodP-1 by means of Extensible Mark-Up Language (XML) use in Automatic Data Processing (ADP) by all NATO Codification System (NCS) users.

Only data elements, structure and format contained in these Annexes are authorized for use in the NCS international data exchange using XML.

XML used in NATO data exchange is implemented by means of data exchange related to NATO Commercial and Government Entity Codes (NCAGE Code) and data related to NATO Stock Numbers (NSN).

Implementation of XML into ADP is governed by these Annexes for all National Codification Bureaux (NCB) and NATO Support and Procurement Agency (NSPA).

ANNEX A - NCAGE XML

1. Basic Concepts

1.1 XML is being introduced in the NATO Codification System as a new modern format for international data exchange among users. XML is about to replace NADEX (NATO Data Exchange format based on 80 columns punch cards).

1.2 XML is a language that defines a set of rules for encoding documents in a format which is both human-readable and machine-readable by system of annotating a document in a way that is syntactically distinguishable from the text.

1.3 The design goals of XML emphasize simplicity, generality and usability across the Internet. It is a textual data format with strong support via Unicode for different human languages.

1.4 There is in place a data format “translator” operated by NSPA on behalf of AC/135 for the conversion of NADEX to XML and vice-versa regarding NCAGE Codes data exchange. The translator is being operated until all NCS users use XML format, only.

2. Testing Scenario

2.1 General

2.1.1 This is to guide countries within NCS through implementation of NCAGE data in XML format (former KHN transaction) in NCS international data exchange.

2.1.2 NSPA publishes latest XML NCAGE Schema at NATO Business System (NABS) in folder called “XML”. This folder is placed under *Shared Documents > AC135 > Projects > IT*.

2.1.3 Following procedure is to assure compatibility of NMCRL and national codification software NCAGE data imports/exports in XML format as well as NATO Mail Box System (NMBS) data exchange between NATO Support and Procurement Agency (NSPA) and NCB.

2.1.4 NCB implementing NCAGE XML Schema in national codification software being about to be tested for international data exchange is supposed to be able to send/receive NCAGE Code updates daily.

2.2 Procedure

a. NCB implements the latest NCAGE XML Schema in national codification software.

b. NCB contacts NSPA at itc.codif@nspa.nato.int informing about NCAGE XML Schema implementation in national codification software, NCB testing point of contact (PoC) with valid email address that will be used for communication and readiness to begin testing.

c. NSPA proposes the exact timeframes for NCAGE XML tests to NCB. Period of test should not exceed more than 1 calendar month per single NCB (subject of exceptions due to summer vacation period, Christmas vacations, etc.)

d. NCB sends to NSPA national NCAGE XML File with no less than 10 and no more than 20 NCAGE Codes (ideally both newly assigned and updated) via email to itc.codif@nspa.nato.int. This process (steps e and f) will be repeated at least 5 times. XML Schema may not include NMBS Header information.

e. NSPA processes received national NCAGE XML File and reports back to NCB NCAGE XML Error File in line with ACodP-1, Sub-Section 562.13 via email. The report may state there are no errors.

f. NCB corrects received erroneous NCAGE Codes (if any) and sends them back to NSPA. Any further NCAGE XML File will be sent by the NCB only if there are no more errors in previous NCAGE XML File.

g. After 5 successful emails' exchange of national NCAGE XML Files NSPA "opens" NMBS testing environment for NCB and informs NCB's PoC.

h. When NMBS testing environment connection is being established NSPA sends Daily NCAGE XML consolidated File (consolidated KHN transaction with all NCAGE Codes received the day before) to NCB.

i. NCB processes Daily NCAGE XML consolidated File in national software tool and reports back any errors in line with ACodP-1, Sub-Section 562.13 (if any).

j. NSPA corrects any reported errors and sends consolidated NCAGE XML file once again to NCB.

k. NCB sends to NSPA via NMBS testing environment daily updates of national NCAGE XML File for at least 2 weeks. XML Schema includes NMBS Header information.

l. NSPA sends back to NCB NCAGE Code Errors File in line with ACodP-1, Sub-Section 562.13 (if any) via email.

m. NCB corrects received erroneous NCAGE Codes and send them back in a NCAGE XML File to NSPA via NMBS.

n. After 2 weeks' shipments of updates of national NCAGE XML files and when all problems solved, NCB sends national NCAGE XML Full File to NSPA.

o. NSPA process national NCAGE XML Full File and informs NCB about results. In case of errors in line with ACodP-1, Sub-Section 562.13, NCAGE Error File is sent back to NCB via email.

p. NCB corrects NCAGE Error File and sends corrected national NCAGE XML Full File back to NSPA.

q. NSPA process corrected national NCAGE XML Full File and reports the result back to NCB.

r. NSPA opens XML NMBS production environment for NCB which starts to routinely operate NCAGE File exchange via NMBS.

3. NCAGE XML Schema

3.1 NCAGE XML Schema Data Elements

3.1.1 Valid NCAGE XML Schema is Version 1.~~1~~2

3.1.2 Majority of data elements in NCAGE XML Schema originates in KHN transaction exchanged in NADEX format. Data elements which are not defined in KHN transaction or their occurrence in KHN transaction is lesser than in defined NCAGE XML Schema are "dropped" during process of translation to NADEX format, if that is needed.

3.1.3 All data elements in the NCAGE XML Schema are logically grouped. Every data element has a defined data type and length, as well as an obligation to be included in exchange data set. Groups with defined occurrence ***MIN. 1 are mandatory*** for the NCAGE XML Schema. Those with defined occurrence ***MIN. 0 are optional***.

Table 01 – NCAGE XML Schema Data Elements

Data Element Name	DRN	Data Type	Length	Obligation	Occurrence
NMBS HEADER					**MIN. 1**
Source		String	7	mandatory	min. 1
Destination		String	7	mandatory	min. 1
Station Serial Number	9765	short	4	mandatory	min. 1
Date (YYYYJJJ)		Julian Date	7	mandatory	min. 1
Time		Time	time	mandatory	min. 1
SEGMENT8					**MIN. 1**
CONTROL					**MIN. 1**
Priority Code	2867	String	1	optional*	min. 0
Originator Code	4210	String	2	mandatory	min. 1
Submitter Code	3720	String	2	mandatory	min. 1
Transaction Date	2310	Julian Date	7	mandatory	min. 1
NCAGES					**MIN. 1**
NCAGE					**MIN. 1**
NCAGE Code	4140	String	5	mandatory	min. 1
Document Control Serial Number	1000	String	7	mandatory	min. 1
Date NCAGE Established	2262	Julian Date	7	optional	min. 0
Date Last Change NCAGE Record	9567	Julian Date	7	mandatory	min. 1
NCAGE DATA					**MIN. 1**
NCAGE Name	8972	String	190	mandatory	min. 1
NCAGE Status Code	2694	String	1	mandatory	min. 1

* If missing, defaulted "4"

Data Element Name	DRN	Data Type	Length	Obligation	Occurrence
Foreign Domestic Designator Code	4235	String	1	optional**	min. 0
NCAGE Type Code	4238	String	1	mandatory	min. 1
Country Code	3408	String	3	mandatory	min. 1
STATE				***	**MIN. 0**
US State Abbreviation	0186	String	2	optional	min. 0
Province Name	8978	String	38	optional	min. 0
PHYSICAL ADDRESS					**MIN. 0**
Street Address line 1	1082	String	38	optional	min. 0
Street Address line 2	1083	String	38	optional	min. 0
Geographical Address Postal Zone	2549	String	38	optional	min. 0
Geographical Address City	1084	String	38	optional	min. 0
POSTAL ADDRESS					**MIN. 0**
Post Office Box	1361	String	38	optional	min. 0
Postal Address Postal Code	2660	String	38	optional	min. 0
Postal Address City	2659	String	38	optional	min. 0
COMMUNICATION					**MIN. 0**
TELEPHONES					**MIN. 0**
Telephone Number	8974	String	50	optional	min. 1, max. 5
FAXES					**MIN. 0**
Fax Number	8975	String	50	optional	min. 1, max. 5
EMAILS					**MIN. 0**
Email Address	3375	String	50	optional	min. 1, max. 5
WEBSITES					**MIN. 0**
Web URL	8021	String	50	optional	min. 1, max. 5

** See ACodP-1, Chapter V, Table 25
*** See ACodP-1, Chapter V, Table 137

Data Element Name	DRN	Data Type	Length	Obligation	Occurrence
ADDITIONAL					**MIN. 0**
National Identification Number	2658	String	50	optional	min. 0
ISIC Code	1368	String	50	optional	min. 0, max. 15
NAICS Code	6044	String	50	optional	min. 0, max. 15
NACE Code	2657	String	50	optional	min. 0, max. 15
DUNS Number	3405	String	9	optional	min. 0
CPV Code	9569	String	50	optional	min. 0, max 15
UNSPSC	9574	String	50	optional	min. 0, max 15
~~GTIN~~ GLN Code	~~8629~~ 9568	String	50	optional	min. 0, max 15
REPLACEMENTS					**MIN. 0**
Replacement NCAGE	3595	String	5	mandatory	min. 1, max. 5
ERRORS (NCAGE XML, para. 3.5)					**MIN. 0**
ERROR					**min. 0**
Code		Integer			min. 0
NewCode		Err			min. 0
Description		String			min. 0
WARNING					**min. 0**
Code		Integer			min. 0
NewCode		Err			min. 0
Description		String			min. 0

3.2 NCAGE XML Schema Version 1.~~1~~ 2 – *NcageSchema_Seg8.xsd*

```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema targetNamespace="http://eportal.nspa.nato.int/XMLSchemas/1.2"
    elementFormDefault="qualified"
    xmlns ="http://eportal.nspa.nato.int/XMLSchemas/1.2"
    xmlns:xs="http://www.w3.org/2001/XMLSchema">

   <xs:include schemaLocation="NCS-Types.xsd"/>

   <xs:element name="segment8">
    <xs:complexType>
     <xs:all>
      <xs:element ref="control" minOccurs="1"/>
      <xs:element ref="ncages" minOccurs="1"/>
     </xs:all>
    </xs:complexType>
   </xs:element>

   <xs:element name="control">
    <xs:complexType>
     <xs:all>
      <xs:element name="PRIORITY_CODE_2867" type="str1v" minOccurs="0" default="4"/>
      <xs:element name="ORIGINATOR_CODE_4210" type="str2f" minOccurs="1"/>
      <xs:element name="SUBMITTER_CODE_3720" type="str2f" minOccurs="1"/>
      <xs:element name="TRANSACTION_DATE_2310" type="juliandate7" minOccurs="1"/>
     </xs:all>
    </xs:complexType>
   </xs:element>

   <xs:element name="ncages">
    <xs:complexType>
     <xs:sequence>
      <xs:element ref="ncage" minOccurs="1" maxOccurs="unbounded"> </xs:element>
     </xs:sequence>
    </xs:complexType>
   </xs:element>

   <xs:element name="ncage">
    <xs:complexType>
     <xs:all>
      <xs:element name="NCAGE_CODE_4140" type="str5f" minOccurs="1"/>
      <xs:element name="DOCUMENT_CONTROL_SERIAL_NUMBER_1000" type="str7f" minOccurs="1"/>
      <xs:element name="DATE_NCAGE_ESTABLISHED_2262" type="juliandate7" minOccurs="0"/>
      <xs:element name="DATE_LAST_CHANGE_NCAGE_RECORD_9567" type="juliandate7"
minOccurs="1"/>
      <xs:element ref="ncagedata" minOccurs="1"/>
      <xs:element ref="errors" minOccurs="0"/>
      <xs:element ref="warnings" minOccurs="0"/>
     </xs:all>
    </xs:complexType>
   </xs:element>

   <xs:element name="ncagedata">
    <xs:complexType>
     <xs:all>
      <xs:element name="NCAGE_NAME_8972" type="str190v" minOccurs="1"/>
      <xs:element name="NCAGE_STATUS_CODE_2694" type="str1f" minOccurs="1"/>
      <xs:element name="FOREIGN_DOMESTIC_DESIGNATOR_CODE_4235" type="str1v" minOccurs="0"/>
      <xs:element name="NCAGE_TYPE_CODE_4238" type="str1f" minOccurs="1"/>
      <xs:element name="COUNTRY_CODE_3408" type="str3f" minOccurs="1"/>
      <xs:element ref="state" minOccurs="0"/>
      <xs:element ref="physical_address" minOccurs="0"/>
```

```
      <xs:element ref="postal_address" minOccurs="0"/>
      <xs:element ref="communication" minOccurs="0"/>
      <xs:element ref="additional" minOccurs="0"/>
    </xs:all>
  </xs:complexType>
</xs:element>

<xs:element name="errors">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="error" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

<xs:element name="error">
  <xs:complexType>
    <xs:all>
      <xs:element name="newcode" type="err" />
      <xs:element name="description" type="xs:string" minOccurs="1"/>
    </xs:all>
  </xs:complexType>
</xs:element>

<xs:element name="warnings">
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="warning" minOccurs="0" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>

<xs:element name="warning">
  <xs:complexType>
    <xs:all>
      <xs:element name="newcode" type="err" minOccurs="1"/>
      <xs:element name="description" type="xs:string" minOccurs="1"/>
    </xs:all>
  </xs:complexType>
</xs:element>

<xs:element name="state">
  <xs:complexType>
    <xs:choice>
      <xs:element name="US_STATE_ABBREVIATION_0186" type="str2f"/>
      <xs:element name="PROVINCE_NAME_8978" type="str38v"/>
    </xs:choice>
  </xs:complexType>
</xs:element>

<xs:element name="physical_address">
  <xs:complexType>
    <xs:all>
      <xs:element name="STREET_ADDRESS_LINE_1_1082" type="str38v" minOccurs="0"/>
      <xs:element name="STREET_ADDRESS_LINE_2_1083" type="str38v" minOccurs="0"/>
      <xs:element name="GEO_ADDRESS_POSTAL_ZONE_2549" type="str38v" minOccurs="0"/>
      <xs:element name="GEO_ADDRESS_CITY_1084" type="str38v" minOccurs="0"/>
    </xs:all>
  </xs:complexType>
</xs:element>

<xs:element name="postal_address">
  <xs:complexType>
```

```
    <xs:all>
     <xs:element name="POST_OFFICE_BOX_1361" type="str38v" minOccurs="0"/>
     <xs:element name="POSTAL_ADDRESS_POSTAL_CODE_2660" type="str38v" minOccurs="0"/>
     <xs:element name="POSTAL_ADDRESS_CITY_2659" type="str38v" minOccurs="0"/>
    </xs:all>
   </xs:complexType>
  </xs:element>

  <xs:element name="communication">
   <xs:complexType>
    <xs:all>
     <xs:element ref="telephones" minOccurs="0"/>
     <xs:element ref="faxes" minOccurs="0"/>
     <xs:element ref="emails" minOccurs="0"/>
     <xs:element ref="websites" minOccurs="0"/>
    </xs:all>
   </xs:complexType>
  </xs:element>

  <xs:element name="telephones">
   <xs:complexType>
    <xs:sequence>
     <xs:element name="TELEPHONE_NUMBER_8974" type="str50v" minOccurs="1" maxOccurs="5"/>
    </xs:sequence>
   </xs:complexType>
  </xs:element>

  <xs:element name="faxes">
   <xs:complexType>
    <xs:sequence>
     <xs:element name="FAX_NUMBER_8975" type="str50v" minOccurs="1" maxOccurs="5"/>
    </xs:sequence>
   </xs:complexType>
  </xs:element>

  <xs:element name="emails">
   <xs:complexType>
    <xs:sequence>
     <xs:element name="EMAIL_ADDRESS_3375" type="str50v" minOccurs="1" maxOccurs="5"/>
    </xs:sequence>
   </xs:complexType>
  </xs:element>

  <xs:element name="websites">
   <xs:complexType>
    <xs:sequence>
     <xs:element name="WEB_URL_8021" type="str50v" minOccurs="1" maxOccurs="5"/>
    </xs:sequence>
   </xs:complexType>
  </xs:element>

  <xs:element name="additional">
   <xs:complexType>
    <xs:all>
     <xs:element name="NATIONAL_IDENTIFICATION_NUMBER_2658" type="str50v" minOccurs="0"/>
     <xs:element name="DUNS_CODE_3405" type="str9v" minOccurs="0"/>
     <xs:element ref="CPV_codes" minOccurs="0"/>
     <xs:element ref="GLN_codes" minOccurs="0"/>
     <xs:element ref="UNSPSC_codes" minOccurs="0"/>
     <xs:element ref="sicc_codes" minOccurs="0"/>
     <xs:element ref="naics_codes" minOccurs="0"/>
     <xs:element ref="nace_codes" minOccurs="0"/>
     <xs:element ref="replacements" minOccurs="0"/>
```

```
      </xs:all>
    </xs:complexType>
  </xs:element>

  <xs:element name="CPV_codes">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="CPV_CODE_9569" type="str50v" minOccurs="1" maxOccurs="15"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>

  <xs:element name="GLN_codes">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="GLN_CODE_9568" type="str50v" minOccurs="1" maxOccurs="15"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>

  <xs:element name="UNSPSC_codes">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="UNSPSC_CODE_9574" type="str50v" minOccurs="1" maxOccurs="15"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>

  <xs:element name="sicc_codes">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="STANDARD_INDUSTRIAL_CLASSIFICATION_CODE_1368" type="str50v"
minOccurs="1" maxOccurs="15"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>

  <xs:element name="naics_codes">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="NAICS_CODE_6044" type="str50v" minOccurs="1" maxOccurs="15"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>

  <xs:element name="nace_codes">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="NACE_CODE_2657" type="str50v" minOccurs="1" maxOccurs="15"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>

  <xs:element name="replacements">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="REPLACEMENT_NCAGE_3595" type="str5f" minOccurs="1" maxOccurs="5"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
```

3.3 NCAGE XML Schema Version 1.~~1~~2 - *NCS-Types.xsd*

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema targetNamespace="http://eportal.nspa.nato.int/XMLSchemas/1.~~1~~2"
    xmlns ="http://eportal.nspa.nato.int/XMLSchemas/1.~~1~~2"
    elementFormDefault="qualified"
    attributeFormDefault="unqualified"
    xmlns:xs="http://www.w3.org/2001/XMLSchema">

  <!--Custom Types-->

  <xs:simpleType name="str1f">
    <xs:restriction base="xs:string">
      <xs:maxLength value="1" fixed="true"/>
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="str1v">
    <xs:restriction base="xs:string">
      <xs:maxLength value="1"/>
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="str2f">
    <xs:restriction base="xs:string">
      <xs:length value="2" fixed="true"/>
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="str3f">
    <xs:restriction base="xs:string">
      <xs:length value="3" fixed="true"/>
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="str5f">
    <xs:restriction base="xs:string">
      <xs:maxLength value="5" fixed="true"/>
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="str7f">
    <xs:restriction base="xs:string">
      <xs:length value="7" fixed="true"/>
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="str9v">
    <xs:restriction base="xs:string">
      <xs:maxLength value="9"/>
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="str38v">
    <xs:restriction base="xs:string">
      <xs:maxLength value="38"/>
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="str50v">
    <xs:restriction base="xs:string">
      <xs:maxLength value="50"/>
    </xs:restriction>
```

```
  </xs:simpleType>

  <xs:simpleType name="str190v">
    <xs:restriction base="xs:string">
      <xs:maxLength value="190"/>
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="juliandate5">
    <xs:restriction base="xs:string">
      <xs:pattern value="([0-9][0-9])([012][0-9][0-9]|3[0-5][0-9]|36[0-6])"/>
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="juliandate7">
    <xs:restriction base="xs:string">
      <xs:pattern value="(19[5-9][0-9]|20[0-9][0-9])([012][0-9][0-9]|3[0-5][0-9]|36[0-6])"/>
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="ssn9999">
    <xs:restriction base="xs:short">
      <xs:maxInclusive value="9999"/>
      <xs:minInclusive value="1" />
    </xs:restriction>
  </xs:simpleType>

  <xs:simpleType name="err">
    <xs:restriction base="xs:string">
      <xs:pattern value="((0|8)-[0-9]{4}-([1-9]|[1-9][0-9]))"/>
    </xs:restriction>
  </xs:simpleType>

  <!--********************-->
  <!-- NO Enumeration Types will be included in the present schema
  Checks on values will be integrated in the data processing phase-->
  <!--********************-->

</xs:schema>
```

3.4 NCAGE XML Input Validation Control

NSPA controls NCAGE data before integration in the NMCRL database and dissemination of consolidated files to the countries. NCAGE XML transactions with **Reject and/or Warning** codes with associated explanatory definitions is returned to the submitting NCB via E-MAIL.

NCAGE records associated to an "**R**" (**Reject**):

- did not pass the NCAGE Input Validation Controls;
- will not be published in NMCRL database;
- will be returned back to the submitting NCB for correction.

NCAGE records associated to a "**W**" (**Warning**):

- passed the NCAGE Input Validation Controls;
- will be published in NMCRL database;
- will be returned back to the submitting NCB for correction;
- will be reported in MIS later, if not corrected.

NOTE:	The list of NCAGE XML input validation report error codes is shown in Paragraph 3.5

3.4.1 NCAGE XML → Input validation control – All records

	Data Element (DRN)	XML Element	Value control carried out	Reject Code	Reject / Warning	Warning Code (MIS)
1	PIC (2867)	PRIORITY_CODE_2867	1. Schema validation	0-0000-1	R	
2	Originator Code (4210)	ORIGINATOR_CODE_4210	1. Schema validation	0-0000-1	R	
3	Submitter Code (3720)	SUBMITTER_CODE_3720	1. Schema validation	0-0000-1	R	
			2. Must appear in Sub-Section 553, Table 18	0-3720-1	R	
4	Transaction Date (2310)	TRANSACTION_DATE_2310	1. Schema validation	0-0000-1	R	
5	DCSN (1000)	DOCUMENT_CONTROL_SERIAL_NUMBER_1000	1. Schema validation	0-0000-1	R	
			2. Must be in prescribed form (see Sub-Section 543, DRN 1000)	0-1000-2	R	
6	NCAGE Code (4140)	NCAGE_CODE_4140	1. Schema validation	0-0000-1	R	
			2. Must be in prescribed form in accordance with the Submitter Code (see CodSP-3)	8-4140-2	R	
			3. Circular reference between the NCAGE Code and its replacements		W	8-4140-3
			4. Letter “O” not authorized in the structure of an NCAGE Code		W	8-4140-4

3.4.1 NCAGE XML → Input validation control – All records

	Data Element (DRN)	XML Element	Value control carried out	Reject Code	Reject / Warning	Warning Code (MIS)
			5. Letter "I" is applied to the structure of NCAGE Code assigned out of NSPA and/or letter "I" must not be applied to other than 1st position of NCAGE Code assigned by NSPA		W	8-4140-5
7	NCAGESD Code (2694)	NCAGE_STATUS_CODE_2694	1. Schema validation	0-0000-1	R	
			2. Must be a value defined in ACodP-1, Sub-Section 553, Table 24	8-2694-1	R	
			3. Must be "R" if RP1 (and/or RP2 to RP5) exist(s)	8-2694-2	R	
			4. Must not be "R" if RP1 (and/or RP2 to RP5) do(es) not exist	8-2694-3	R	
			5. Must be valid for your nation		W	8-2694-4
8	US F/DDC (4235)	FOREIGN_DOMESTIC_DESIGNATOR_CODE_4235	1. Schema validation	0-0000-1	R	
			2. Must be present for NCAGE Code like #***#	8-4235-1	R	
			3. Must be blank for NCAGE Code not like #***#	8-4235-2	R	
			4. Must be 1 or 2 for NCAGE Code like #***# and Submitter Code is ZZ	8-4235-3	R	
			5. Must be 3 for NCAGE Code like #***# and Submitter Code is ZC	8-4235-4	R	
			6. Must have value of 1 or 2 or 3, when required	8-4235-5	R	

3.4.1 NCAGE XML → Input validation control – All records

	Data Element (DRN)	XML Element	Value control carried out	Reject Code	Reject / Warning	Warning Code (MIS)
9	Type O.E. Code (4238)	NCAGE_TYPE_CODE_4238	1. Schema validation	0-0000-1	R	
			2. Must be a value defined in ACodP-1, Sub-Section 553, Table 129	8-4238-1	R	
			3. Type of Organizational Entity Code “D” for FRANCE use only		W	8-4238-2
			4. Type of Organizational Entity Code “A” for US or Canada use only		W	8-4238-3
			5. Type of Organizational Entity Code = F and more than 5 Primary References are recorded in NMCRL		W	8-4238-4
			6. Type of Organizational Entity Code = G and more than 5 References are recorded in NMCRL		W	8-4238-5
10	Date of Last Change (9567)	DATE_LAST_CHANGE_NCAGE_RECORD_9567	1. Schema validation	0-0000-1	R	
11	NCAGE Data Group (9566)	NCAGE DATA GROUP_9566	1. Schema validation	0-0000-1	R	
			2. If NCAGE is active (NCAGE_STATUS_CODE_2694 <> F, H, N, P, R), the first line of street Address (STREET_ADDRESS_LINE_1_1082) must be present	8-9566-4	R	

3.4.1 NCAGE XML → Input validation control – All records

	Data Element (DRN)	XML Element	Value control carried out	Reject Code	Reject / Warning	Warning Code (MIS)
			3. If NCAGE is active (NCAGE_STATUS_CODE_2694 <> F, H, N, P, R), City (GEO_ADDRESS_CITY_1084) must be present	8-9566-5	R	
			4. If NCAGE is active (NCAGE_STATUS_CODE_2694 <> F, H, N, P, R), Country Code of NCAGE (COUNTRY_CODE_3408) must be present	8-9566-6	R	
			5. Country Code of NCAGE (COUNTRY_CODE_3408) must be a value defined in CodSP-3	8-9566-7	R	
			6. If NCAGE is active (NCAGE_STATUS_CODE_2694 <> F, H, N, P, R), Post Code (element GEO_ADDRESS_POSTAL_ZONE_2549) must be present	8-9566-8	R	
			7. If element POSTAL_ADDRESS_CITY_2659 is present and NCAGE is active (NCAGE_STATUS_CODE_2694 <> F, H, N, P, R), elements POSTAL_ADDRESS_POSTAL_CODE_2660 and COUNTRY_CODE_3408 must be present	8-9566-9	R	

3.4.1 NCAGE XML → Input validation control – All records

	Data Element (DRN)	XML Element	Value control carried out	Reject Code	Reject / Warning	Warning Code (MIS)
			8. If element POSTAL_ADDRESS_POSTAL_CODE_2660 is present and NCAGE is active (NCAGE_STATUS_CODE_2694 <> F, H, N, P, R) elements POSTAL_ADDRESS_CITY_2659 and COUNTRY_CODE_3408 must be present	8-9566-10	R	
			9. Element US_STATE_ABBREVIATION_0186 is for use only by the US and Canada	8-9566-11	R	
			10. Element US_STATE_ABBREVIATION_0186 must be a value defined in ACodP-1, Sub-Section 553, Table 137	8-9566-12	R	
			11. Element PROVINCE_NAME_8978 is not for use by the US and Canada	8-9566-13	R	
			12. E-mail address format must be valid		W	8-9566-16
			13. Website address format must be valid		W	8-9566-17
			14. RP1 (and/or RP2 to RP5) is not linked with an NCAGE Code recorded in NMCRL		W	8-9566-24
12	GLN Code (9568)	GLN_CODE_9568	1. GLN Code must be a 13-digit number **Example:** 8435398600044		W	8-9568-1
13	UNSPSC Code (9574)	UNSPSC_CODE_9574	1. UNSPSC Code must be a 8-digit number **Example:** 44101501		W	8-9574-1

3.4.1 NCAGE XML → Input validation control – All records

	Data Element (DRN)	XML Element	Value control carried out	Reject Code	Reject / Warning	Warning Code (MIS)
14	ISIC Code (1368)	STANDARD_INDUSTRIAL_CLASSIFICATION_CODE_1368	1. ISIC Code must be a 4-digit number **Example:** 3559		W	8-1368-1
15	NACE Code (2657)	NACE_CODE_2657	1. NACE code must be a number from 2 digits minimum to 4 digits maximum **Example:** 4614		W	8-2657-1
16	CPV Code (9569)	CPV_CODE_9569	1. CPV Code must consist of 10-alphanumeric characters **Example:** 35126000-3		W	8-9569-1
~~12~~ 17	DUNS Number (3405)	DUNS_CODE_3405	1. Must be a 9-digit number **Example:** 123456789		W	8-3405-1

3.5 NMCRL – NCAGE XML Input Validation Report Error Codes(*)

Code	Explanation
COMMON	
0-0000-1	Schema validation
0-3720-1	Submitter Code must appear in Sub-Section 553, Table 18
0-3720-2	Submitter Code must be consistent throughout entire package
0-1000-2	DCSN must be in prescribed form (see Sub-Section 543, DRN 1000)
NCAGE DATA	
8-4140-2	NCAGE Code must be in prescribed form in accordance with the Submitter Code (see CodSP-3)
8-2694-1	NCAGE Status Designator Code must be a value defined in ACodP-1, Sub-Section 553, Table 24
8-2694-2	NCAGE Status Designator Code must be “R” if RP1 (and/or RP2 to RP5) exist(s)
8-2694-3	NCAGE Status Designator Code must not be “R” if RP1 (and/or RP2 to RP5) do(es) not exist
8-4235-1	US F/DDC must be present for NCAGE Code like #***#
8-4235-2	US F/DDC must be blank for NCAGE Code not like #***#
8-4235-3	US F/DDC must be 1 or 2 for NCAGE Code like #***# and Submitter Code is ZZ
8-4235-4	US F/DDC must be 3 for NCAGE Code like #***# and Submitter Code is ZC
8-4235-5	US F/DDC must have value of 1 or 2 or 3 when required
8-4238-1	Type of Organizational Entity Code must be a value defined in ACodP-1, Sub-Section 553, Table 129
8-9566-4	If NCAGE is active (NCAGESD Code <> F, H, N, P, R), the first line of street Address (prefix ST1) must be present
8-9566-5	If NCAGE is active (NCAGESD Code <> F, H, N, P, R), City (prefix CIT) must be present
8-9566-6	If NCAGE is active (NCAGESD Code <> F, H, N, P, R), Country Code of NCAGE (prefix CTR) must be present
8-9566-7	Country Code of NCAGE (prefix CTR) must be a value defined in CodSP-3

(*) Note: Warning codes (MIS) are described in ACodP-1, Chapter V, Paragraph 581.3

Code	Explanation
8-9566-8	If NCAGE is active (NCAGESD Code <> F, H, N, P, R), Post Code (prefix PSC) must be present
8-9566-9	If prefix PCC is present and NCAGE is active (NCAGESD Code <> F, H, N, P, R), prefixes PCS and CTR must be present
8-9566-10	If prefix PCS is present and NCAGE is active (NCAGESD Code <> F, H, N, P, R), prefixes PCC and CTR must be present
8-9566-11	Prefix STE is for use only by the US and Canada
8-9566-12	Prefix STE must be a value defined in ACodP-1, Sub-Section 553, Table 137
8-9566-13	Prefix STT is not for use by the US and Canada

4. Versioning Management

4.1 Valid version of NCAGE XML Schema is Version 1.~~1~~2.

4.2 Management of NCAGE XML Schema versions is entrusted to the care of NSPA. Version number changes in case of any change in actually published NCAGE XML Schema. Version number consists of two digits split by a full stop (e.g. Version 1.0, Version 2.1, etc.)

Version Number will be included in the XML Schema Namespace.

4.3 Two types of changes may occur in NCAGE XML Schema.

a. Major change

A major NCAGE XML Schema modification is noted in the first number in front of the full stop. Major change signalizes a ***significant intervention*** in NCAGE XML Schema that makes the new version incompatible with the previous one. (Example: New mandatory data element introduced in a new version of NCAGE XML Schema).

b. Minor change

A minor NCAGE XML Schema modification is noted in the second number of the version after the full stop. Minor change signalizes ***insignificant intervention*** in NCAGE XML Schema. The new version remains compatible with the previous one. (Example: Obligation of data element has been changed from mandatory to optional).

4.4 NCAGE data exchange during a transition period between two different versions of NCAGE XML Schemas (bi-annual ACodP-1 release) is secured by an NMBS “translator” that must be put in place before each ACodP-1 release.

5. Publication

5.1 The latest version of NCAGE XML Schema is part of ACodP-1, Chapter V, Annex A, paragraph 3.2. Only a version of NCAGE XML Schema published in ACodP-1 is valid one.

5.2 When a valid NCAGE XML Schema version is published in a new release of ACodP-1 it is already implemented in NMBS at NSPA. A NCB using XML is obliged to implement a new valid version of NCAGE XML Schema no later than 6 months after the latest ACodP-1 release.

5.3 The latest NCAGE XML Schema is distributed to NCB via NATO Business System (NABS) two weeks before ACodP-1 release. NCAGE XML Schema is published in NABS folder called "XML". This folder is placed under *Shared Documents > AC135 > Projects > IT*.

6. NMBS Operations

6.1 Data Exchange definitions:

- XML File: file sent by one originator through NMBS to NSPA during one tele transmission session;
- XML Schema: An XML Schema describes the structure of an XML document. The purpose of an XML Schema is to define the valid building blocks of an XML document;
- Namespace: A string of character identifying precisely a schema. The namespace is used in every XML file to link the parts of the file to a specific schema.
- XML Transmission: A file intended for one and only one end-user. It can contain one and only one message.
- XML Message: A file complying with the XML Schema.

6.2 NATO Mailbox System for XML files exchange has been utilized at NSPA.

6.3 Data Communication Procedure as described in ACodP-1, Sub-Sections 493.1 and 493.2 is also valid for XML exchange.

6.4 The NCAGE XML files are exchanged via NMBS between NCB and NSPA. The file transmitted using NMBS must comply with the latest or the second latest NCAGE XML Schema.

6.5 The file transmitted using NMBS must comply with the **NCAGE XML Schema Version 1.~~1~~ 2 - *NCSSchema.xsd***

```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema targetNamespace="http://eportal.nspa.nato.int/XMLSchemas/1.~~1~~2"
    xmlns:df="http://eportal.nspa.nato.int/XMLSchemas/1.~~1~~2"
    xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:include schemaLocation="NcageSchema_Seg8.xsd"/>
  <xs:include schemaLocation="NMBSHeader.xsd"/>
  <xs:element name="document">
    <xs:complexType>
      <xs:all>
        <xs:element ref="df:header" minOccurs="0"/>
        <xs:element ref="df:segment8" minOccurs="0"/>
      </xs:all>
      <xs:attribute name="version" type="xs:int"/>
    </xs:complexType>
  </xs:element>
</xs:schema>
```

6.6 Routing information is part of a Header in **NCAGE XML Schema Version 1.~~1~~2 - *NMBSHeader.xsd***

```
<?xml version="1.0" encoding="utf-16"?>
<xs:schema elementFormDefault="qualified"
    xmlns="http://eportal.nspa.nato.int/XMLSchemas/1.~~1~~2"
    targetNamespace="http://eportal.nspa.nato.int/XMLSchemas/1.~~1~~2"
    xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:include schemaLocation="NCS-Types.xsd" />
  <xs:element name="header">
    <xs:complexType>
      <xs:all>
        <xs:element minOccurs="1" name="source" type="str7f" />
        <xs:element minOccurs="1" name="destination" type="str7f" />
        <xs:element minOccurs="1" name="STATION_SERIAL_NUMBER_9765" type="ssn9999"
/>
        <xs:element minOccurs="1" name="date" type="juliandate7" />
        <xs:element minOccurs="1" name="time" type="xs:time" />
      </xs:all>
    </xs:complexType>
  </xs:element>
</xs:schema>
```

6.7 Data Transmission Control is accomplished at two levels:

- By the NMBS operator at NSPA
- By the addressee

6.7.1 Data Transmission Control is made by the NMBS operator at NSPA. Each XML Transmission arriving at NSPA is validated. One of two situations will occur:

- Positive result: the XML transmission is accepted
- Negative result: There is no acknowledgment receipt equivalent to the KWF. When possible a correction is made at NSPA, if not, the originator will be contacted by NSPA (NMBS Helpdesk) and will have to send the corrected file.

6.7.2 Data Transmission Control made by the Addressee is specified in ACodP-1, Sub-Section 493.5.2

6.8 NMBS Source and Destination for XML files are alternate mailbox names attributed to the nations as described in the column Mailbox XML in the following Table 02.

Table 02 – NMBS Source and Destination for XML exchange

COUNTRY	Mailbox NADEX	Mailbox XML
ALBANIA	ncbalb	NCB_ALB
ARGENTINA	ncbarg	NCB_ARG
AUSTRALIA	ncbau	NCB_AUS
AUSTRIA	ncbos	NCB_AUT
BELGIUM	ncbbe	NCB_BEL
BOSNIA AND HERZEGOVINA	ncbba	NCB_BIH
BRAZIL	ncbbr	NCB_BRA
BULGARIA	ncbbu	NCB_BGR
CANADA	ncbca	NCB_CAN
COLOMBIA	ncbcol	NCB_COL
CROATIA	ncbcr	NCB_HRV
CZECH REPUBLIC	ncbcz	NCB_CZE
DENMARK	ncbdk	NCB_DNK
ESTONIA	ncbee	NCB_EST
FINLAND	ncbfin	NCB_FIN
FRANCE	ncbfr	NCB_FRA
GERMANY	ncbgy	NCB_DEU
GREECE	ncbgr	NCB_GRC
HUNGARY	ncbhu	NCB_HUN
INDIA	ncbin	NCB_IND
INDONESIA	ncbind	NCB_IDN
ISRAEL	ncbisr	NCB_ISR
ITALY	ncbit	NCB_ITA
KOREA, REPUBLIC OF	ncbsk	NCB_KOR
LATVIA	ncbla	NCB_LVA
LITHUANIA	ncblt	NCB_LTU
MALAYSIA	ncbma	NCB_MYS
MONTENEGRO	ncbmon	NCB_MNE
MOROCCO	ncbmar	NCB_MAR

COUNTRY	Mailbox NADEX	Mailbox XML
NETHERLANDS	ncbnl	NCB_NLD
NEW ZEALAND	ncbnz	NCB_NZL
NORTH MACEDONIA	ncbfy	NCB_FYR
NORWAY	ncbno	NCB_NOR
OMAN	ncbom	NCB_OMN
POLAND	ncbpl	NCB_POL
PORTUGAL	ncbpo	NCB_PRT
QATAR	ncbqa	NCB_QAT
ROMANIA	ncbrou	NCB_ROU
SERBIA	ncbsrb	NCB_SRB
SINGAPORE	ncbsn	NCB_SGP
SLOVAKIA	ncbsr	NCB_SVK
SLOVENIA	ncbsl	NCB_SVN
SOUTH AFRICA	ncbza	NCB_ZAF
SPAIN	ncbsp	NCB_ESP
SWEDEN	ncbswe	NCB_SWE
TURKEY	ncbtk	NCB_TUR
UKRAINE	ncbua	NCB_UKR
UNITED KINGDOM	ncbuk	NCB_GBR
UNITED STATES	ncbus	NCB_USA
NSPA	nmcrl	NMC_XML

ANNEX B - NSN XML - NDER Version 1.9

1. INTRODUCTION

The NDER project set out to provide AC/135 community with a set of new Business Rules with the view of embracing several new possibilities offered by conducting the data exchange in XML format. One of the main advantages that can be realized via XML is speeding up the data exchange process. Another major advantage is the ability to conduct codification work fully within codification tools without a requirement to switch between software and/or internet, for example. This set of business rules is designed to enable realizing both of these major advantages comparing to the current data exchange system.

Given the above, it is to be noted that 115th MG agreed on the phased approach through OCT specifically regarding Collaboration to Cancel NSN with/without replacement. This decision was taken in order to ensure that the project timeline can be met for the vast majority of data exchange.

The first phase is to have a simple chat function in OCT that will be used to carry out the collaboration to reach a solution for a cancellation.

The second phase is to implement Collaborations into NDER exchange within all national systems, with no OCT functionality. Timeline is to be determined by MG in time for ACodP-1 - Jan 2020 release. More details at Section 3.3.

By design, this document does not include all basic business rules that exist in ACodP-1. With this in mind, the basis of NDER project is to keep the current functionalities in existence and thus the assumption is that if NDER *does not propose a change then the current business rule stands*.

The XML Schema can be found at the NDER FAQ page
https://eportal.nspa.nato.int/AC135Public/Support/en/Products/NDER

2. NATO DATA EXCHANGE DESCRIPTION & WORKFLOW

2.1 General Information

The NDER project proposes to include all international data exchange for NSN actions within the NATO Codification System (NCS) systemic data exchange in XML format. This document covers all requests (Inbound) for Item Identification and NSN creation, maintenance, collaboration (for Phase II), interrogation and reinstatement, as well as responses (Outbound) to those requests including errors and notifications, along with providing updates to all NSN users when unsolicited changes are made on codification data by the NSN owner.

This proposal eventually enables each codifier to be able to perform all NATO codification work within a single software, namely their respective national codification tool. In other words, a major goal for the project is to simplify the codification process and improve the efficiency of the NCS codification process.

International data exchange is performed between National Codification Bureaux (NCB) and the NATO Support and Procurement Agency (NSPA). NATO Mail Box System (NMBS) secures all data transfer between NCBs and NSPA.

Codification data is exchanged in XML format in a specified Message structure. A Message contains one or more Containers. A Container contains none (Outbound), one or more Actions (Inbound) for a single NIIN (see Section 2.4 Message Structure).

The structure and format of a Message must comply with a valid version of NSN XML Schema published in ACodP-1.

NSPA functions as the middle man in NCS data exchange and captures all Messages, which enables gathering significantly more robust statistics than before. The basic assumption in achieving this advantage is to have each NCB connect to NMBS at least once per Business Day for sending and retrieving their Messages. Connectivity will be tracked in MIS after implementation.

Connecting once per Business Day is mandated for two major reasons:

1. to ensure each nation stays on top of their national Inbound request processing timeframes and
2. to keep the volume of data exchange within reasonable limits per connection.

Request processing timeframes are centralized at NSPA so that the timeframe begins once an Inbound Message (request) has passed the centralized validations and is released to the Destination mailbox. Similarly, the timeframe ends once an Outbound Message (response) has passed central validations and is released into the Source mailbox. NSPA captures the timestamp on both occasions and uses it for statistical purposes, for example MIS reporting. This ensures a fair, global and easy to understand method of recording actual processing time statistics. The time zone designator in Date/Time stamp is defined to be UTC for all nations and NSPA.

NDER does not propose changes to existing processing timeframes but offers up the idea that after implementation, once the robust statistics start to accumulate, the community will gain visibility to a new level of a “system health check” and will be able to adjust any timeframes that may require adjusting based on objective and comparable data.

Supporting documentation will be exchanged within NCS enveloped together with the Message it pertains to.

Character set for NSN international data exchange consists of a subset of characters within UTF-8 character set as published in Section 2.1.8 of this Annex.

Reference Number field length is set at 60 characters closely following standard ASD2000S-M.

NSN Collaboration will be approached with a phased approach:

1. OCT functionality
    a. Simple chat, no interfaces to national codification tools
    b. To be ready for implementation 01/2022

2. NDER exchange
    a. Fully detailed in automated data exchange
    b. No OCT, no interfaces
    c. NOT REQUIRED FOR 01/2022 - TIMELINE TO BE DETERMINED BY MG.

While NDER data exchange will initially require OCT for NSN Collaboration process, the target is to use automated exchange for all NSN activities. Apart from that, OCT as such is required to be

developed for other functions like current management of potentially duplicate NSNs, collaboration on US DB2 Table values and Problem Report management.

2.1.1 General NDER Data Exchange Business Rules

This is a list of general level business rules that pertain to all NDER data exchange. The below Business Rules will be enforced on NSN XML implementation.

- Character set will be subset of UTF-8 (see Section 2.1.8)
- All registered users connect to NMBS for data retrieval at least once per business day.
- NSPA will retain all history of NSN changes that have transacted via NSN XML.
    - Nations will also retain full data records within their domestic systems (including cancelled NSNs)
- NSPA will manage the distribution of messages to the Destinations
- One Message can contain several Containers for multiple NIINs.
    - One Container can include several Actions for one NIIN only
    - The number of Actions per Container is unlimited
- Today, 2-digit MOE Code and additional internal 2-digit code combined are used for the submitting and processing nations. In future, international data exchange will use only a single three character ISO3166-1 (in accordance with STANAG 1059) country code with the intent to not share the internal 2-digit code internationally anymore.
- Only NIINs will be used for data exchange because NSC can be derived using NIIN data.
    - National SWs can implement checks to ensure that the correct NIIN is exchanged at national discretion.
- All primary references must have matching NIIN NCB Code and RNAAC
- Destination NCB sends out a Container NSN i.e. full NIIN data record to the Source of the original request via NSPA once an Inbound request for Action has been completed.
    - Unsolicited changes are sent to NSPA for user distribution
- Response Message for the submitter contains Message ID, Container Serial Numbers and Action Serial Numbers or Collaboration Id of the original request that will enable submitter to tie the response to the request.
- NIIN must be active (NIINSC 0, 1, 6 and 9) when requesting maintenance transactions, except when requesting REINSTATE.
- Full NIIN data is available for the submitter as well as for any other registered user at NATO Total Item Record (NTIR). The current functionality to limit access for non-government users will be retained as is.
- Priority Indicator Code (PIC) will be required on all inbound actions.
    - PIC 0 will be used by all nations to indicate a due date of 3 days. This PIC will only be available for Actions that are currently expected to be automatically processed by the destination NCB.
- Screening will occur against NTIR (Central Validation) or against the destination NCB TIR (Destination Validation), depending on the type of validation.
- At the time of implementation, edit guides will remain as-is (09/2018 the US do not foresee any development in Guided Characteristics project).

- This document calls out DRNs and Tables from FLIS Manuals for several Data Elements because these DRNs/Tables do not exist in ACodP-1. All of these Tables are to be implemented into ACodP-1 in the future.
- In the international data exchange, possible common data for different Create requests (current L07) will be repeated for each such Action.
- ISAC Code will be derived from Secondary Access Code and Secondary Address Indicator Code.
- NDER will provide a new Return Code table to cover all required Error, Notification and Requested Status Codes. It will be a combination of existing codes in Tables 02 Return Code, 26 Transaction Status Code, 130 Reason for Return/Notification Code and 136 B) Reason Codes for Process Stage. Only the codes pertinent to NDER data exchange will be retained and new codes will be created where the existing ones are not sufficient.
- NDER proposes Reference Number field length of 60 characters based on Panel A Action 131-32. This is not specifically mentioned in this document but it is stated clearly in the Data Element Sheet as well as the XML Schema itself. This was also endorsed by 132nd Panel A.
- The strategy and schedule regarding transmissions prior to implementation in 2022 will be proposed at a later stage of the project. It will have to be discussed and recommended by Panel A for MG decision

2.1.2 NACOMS

NSPA operates the NSPA Codification and Management System (NACOMS) and functions as the central hub for all international codification data exchange within NCS. NACOMS is the primary codification tool for processing and storing all the Messages, communications and data. NSPA stores all Messages in NACOMS for statistical purposes, providing AC/135 with all required qualitative and quantitative data statistics and analyses within AC/135 Management Information System (MIS).

NACOMS' main functions are:

- International data exchange management
- Central NATO Central Database (NTIR) management
- Schema and Central Validations management
- Data archiving

NACOMS interfaces several other systems to cover the full complexity of NCS:

- CINEMS – internal NSPA codification software
- Online Collaboration Tool (OCT)
- Management Information System (MIS)
- NSPA ERP systems (SAP, PILS, etc.)
- Automated Testing Tool (ATT).

2.1.3 NATO central database - NTIR

NTIR is part of NACOMS.

NTIR is the central NATO materiel database accessible via application NATO Master Catalogue of References for Logistics (NMCRL). Updating NTIR is a real time process that takes place when NSPA receives AC/135 codification data via Outbound Container NSN (see Section 4.1), which entails all item identification data to be published in NMCRL.

While each Message with Outbound Container NSN will be sent to the original request's Source NCB, NSPA will also make it available for retrieval by all interested NCBs (registered Users) after the NTIR update.

All Container NSNs must pass Schema and Central Validations to be updated in NTIR.

NTIR updates are triggered by:

- Container NSN sent out by a NCB as a result of an Unsolicited Change
- Container NSN sent out by a NCB as a processing result to Inbound Actions in Containers Create, Maintain and Reinstate.

Once NTIR is updated, the new data will be published in NMRCL.

Container NSN always comprises all item identification data regardless of NIIN Status as defined in NSN XML Schema.

NSPA keeps history of all Container NSN data that are or have been internationally exchanged since NDER implementation. NSNs, cancelled/replaced prior NDER implementation, have a limited range of data available (Segment K only).

2.1.4 NMBS

NCB and NSPA exchange codification data using NMBS that NSPA operates centrally on behalf of AC/135. NMBS forwards only Messages fully compliant with the approved AC/135 NSN XML Schema to Destination NCBs. If a Message does not comply with the valid NSN XML Schema, NACOMS will return it to the Submitting NCB/NSPA (see Section 2.3). Every NCB must connect to NMBS at least once per Business Day.

2.1.4.1 NMBS Mailboxes

Each NCB will be offered one (1) outbox, and two (2) inboxes.

Outbox

NCB connects to its outbox to send compressed messages (which includes Messages and any attachments) to other NCBs or NSPA.

Message inbox

NCB connects at least once per day to their Message Inbox.

This mailbox contains all Messages directed towards the NCB as Destination.

Attachment inbox

NCB can connect on-demand to its Attachment inbox in order to receive any required attachments.

This mailbox contains all attachments directed towards the NCB as Destination.

2.1.4.2 Download capability

NMBS will offer different capabilities to NCBs based on their needs. NCBs can choose to

- Connect to each mailbox individually, and retrieve files individually

- Connect to each mailbox individually, and retrieve the full content of each as a compressed zip archive
- Connect to both the message mailbox and the attachment inbox and retrieve full content from both as a single compressed zip archive.

2.1.4.3 Connectivity

There are two ways to connect and use the NMBS:

NMBS Client (no direct internet access)

The NCB operates its national codification software within a secure environment and as such uses NMBS Client i.e. connects to NMBS manually. Number of NMBS connections (data send/data retrieval) per day is at national discretion, but must be performed at least once per Business Day.

NMBS Web Service (direct internet access)

The NCB operates its national codification software with a direct connection to the internet and therefore systematically connects to NMBS via Web Service. NMBS Web Service automates data exchange between different national codification software and NTIR. Number of NMBS connections (data send/data retrieval) per day is at national discretion, but must be performed at least once per Business Day.

2.1.5 Message Traffic

Codification data is exchanged among NCBs and/or NSPA as Messages. NSPA functions as the focal point and communication hub for NCS data traffic.

Submitting NCB (Source) sends a request (a Message with an Inbound Container) via NMBS.

NSPA provides Schema validations, then Central validations, and makes the Message available to the Destination NCB.

The Destination NCB retrieves the Message from NMBS, provides Destination validations, processes the request within national codification software and provides a response (a Message with Outbound Container) via NMBS.

NSPA provides Schema and Central validations, updates NTIR and makes the Message available for

- the Source (Message includes original request Action Id) and
- all registered users (Message without original request Action Id).

The Source and all registered users retrieve the Message from NMBS, provide Destination validations and updates national TIR with the Message's Outbound Container data record.

It is within NCB/NSPA discretion to choose the way how particular Containers and Messages will be grouped.

Container grouping:

1. Each Container is within a separate Message
2. Some Container is within a separate Message, some Containers (per Destination) are Grouped within one Message
3. All Container (per Destination) are grouped within one Message

Message grouping:

- A single file with one or more Messages per destination is sent out
  or
- A single file with one or more Messages with no respect to the Destination is sent out. In this case NSPA must be always the Destination of the single file.

CodSP will define the way in which particular NCBs manage the Messages and Containers.

Every NCB must connect to NMBS once per Business Day. Business Days will take into account all national holidays and differing working days between nations. When a NCB connects to NMBS, it sends the Messages addressed to foreign NCBs/NSPA and retrieves the Messages addressed to it.

National receipts of delivery will not be provided. There will be only a system-to-system confirmation or rejection (if Schema Validations fail) once a submitted Message reaches NSPA.

Once a Message has been systematically confirmed to have reached NSPA servers and passed Schema Validations, every Message will be considered to be delivered to Destination within 24 hours of a Business Day. Therefore, national receipts of delivery are not required and will not be exchanged.

2.1.6 Timeframes calculation

Timeframe calculation is centralized at NSPA and tracked via Action Serial unique to each Inbound Action. NSPA captures the start time for each Action Serial at the moment the Action successfully passes both Schema and Central Validations. At this point in time NSPA places the Action to Destination mailbox for retrieval.

NSPA captures the end time for each Action Serial when the Outbound Container passes Schema and Central Validations. At this point in time NSPA places the Action to Source mailbox for retrieval.

2.1.7 Documentation within NMBS

Documentation (attachments in general) within NDER will be enveloped together with related messages (XML), in a single compressed file (zip archive), and exchanged via NMBS.

NCBs can attach as many attachments as required. The XML message will contain a reference to its documentation via the tag <AttachmentName>.

Each documentation/attachment must be named with Action ID (Message ID, low line (underscore) symbol, Container Serial No., low line symbol, Action Serial No.), low line symbol, Serial no. of the attachment.file-extension

Example: FRAUSA2018-03-21T09:51:53Z_1_3_4_1.pdf

Description: France sends to USA one attachment linked to the Message No. 1, Container No. 3 and Action No. 4.

The comments from nations were thoroughly considered, most notably the inherent difficulties of managing documentation subject to release restraints such as technical documentation. Documentation as defined in the United States International Traffic in Arms Regulations (ITAR) and FMS procured documentation is not to be provided to any individual or organization unless the Government of the United States approves them to receive it.

ITAR/FMS documentation passes through NSPA and NSPA stores the file temporary, for the sole purpose of transferring. The file is not archived nor backed up.

If the attachment is not retrieved by the destination NCB, NSPA will discard the file after a specific amount of time.

2.1.8 Character set

Subset of the Latin characters from UTF-8 character encoding is allowed for international data exchange. AC/135 agrees to use only the following characters within international data exchange.

Table no. 1 – International Data Exchange Character Set (cf. PA 133-01)

Character	Description	Image
U+0020	SPACE	
U+0021	EXCLAMATION MARK	!
U+0022	QUOTATION MARK	"
U+0023	NUMBER SIGN	#
U+0024	DOLLAR SIGN	$
U+0025	PERCENT SIGN	%
U+0026	AMPERSAND	&
U+0027	APOSTROPHE	'
U+0028	LEFT PARENTHESIS	(
U+0029	RIGHT PARENTHESIS	)
U+002A	ASTERISK	*
U+002B	PLUS SIGN	+
U+002C	COMMA	,
U+002D	HYPHEN-MINUS	-
U+002E	FULL STOP	.
U+002F	SOLIDUS	/
U+0030	DIGIT ZERO	0
U+0031	DIGIT ONE	1
U+0032	DIGIT TWO	2
U+0033	DIGIT THREE	3
U+0034	DIGIT FOUR	4
U+0035	DIGIT FIVE	5
U+0036	DIGIT SIX	6
U+0037	DIGIT SEVEN	7
U+0038	DIGIT EIGHT	8
U+0039	DIGIT NINE	9
U+003A	COLON	:
U+003B	SEMICOLON	;
U+003C	LESS-THAN SIGN	<
U+003D	EQUALS SIGN	=

Character	Description	Image
U+003E	GREATER-THAN SIGN	>
U+003F	QUESTION MARK	?
U+0040	COMMERCIAL AT	@
U+0041	LATIN CAPITAL LETTER A	A
U+0042	LATIN CAPITAL LETTER B	B
U+0043	LATIN CAPITAL LETTER C	C
U+0044	LATIN CAPITAL LETTER D	D
U+0045	LATIN CAPITAL LETTER E	E
U+0046	LATIN CAPITAL LETTER F	F
U+0047	LATIN CAPITAL LETTER G	G
U+0048	LATIN CAPITAL LETTER H	H
U+0049	LATIN CAPITAL LETTER I	I
U+004A	LATIN CAPITAL LETTER J	J
U+004B	LATIN CAPITAL LETTER K	K
U+004C	LATIN CAPITAL LETTER L	L
U+004D	LATIN CAPITAL LETTER M	M
U+004E	LATIN CAPITAL LETTER N	N
U+004F	LATIN CAPITAL LETTER O	O
U+0050	LATIN CAPITAL LETTER P	P
U+0051	LATIN CAPITAL LETTER Q	Q
U+0052	LATIN CAPITAL LETTER R	R
U+0053	LATIN CAPITAL LETTER S	S
U+0054	LATIN CAPITAL LETTER T	T
U+0055	LATIN CAPITAL LETTER U	U
U+0056	LATIN CAPITAL LETTER V	V
U+0057	LATIN CAPITAL LETTER W	W
U+0058	LATIN CAPITAL LETTER X	X
U+0059	LATIN CAPITAL LETTER Y	Y
U+005A	LATIN CAPITAL LETTER Z	Z
U+005B	LEFT SQUARE BRACKET	[
U+005C	REVERSE SOLIDUS	\
U+005D	RIGHT SQUARE BRACKET	]
U+005E	CIRCUMFLEX ACCENT	^
U+005F	LOW LINE	_
U+0060	GRAVE ACCENT	`

Character	Description	Image
U+0061	LATIN SMALL LETTER A	a
U+0062	LATIN SMALL LETTER B	b
U+0063	LATIN SMALL LETTER C	c
U+0064	LATIN SMALL LETTER D	d
U+0065	LATIN SMALL LETTER E	e
U+0066	LATIN SMALL LETTER F	f
U+0067	LATIN SMALL LETTER G	g
U+0068	LATIN SMALL LETTER H	h
U+0069	LATIN SMALL LETTER I	i
U+006A	LATIN SMALL LETTER J	j
U+006B	LATIN SMALL LETTER K	k
U+006C	LATIN SMALL LETTER L	l
U+006D	LATIN SMALL LETTER M	m
U+006E	LATIN SMALL LETTER N	n
U+006F	LATIN SMALL LETTER O	o
U+0070	LATIN SMALL LETTER P	p
U+0071	LATIN SMALL LETTER Q	q
U+0072	LATIN SMALL LETTER R	r
U+0073	LATIN SMALL LETTER S	s
U+0074	LATIN SMALL LETTER T	t
U+0075	LATIN SMALL LETTER U	u
U+0076	LATIN SMALL LETTER V	v
U+0077	LATIN SMALL LETTER W	w
U+0078	LATIN SMALL LETTER X	x
U+0079	LATIN SMALL LETTER Y	y
U+007A	LATIN SMALL LETTER Z	z
U+007B	LEFT CURLY BRACKET	{
U+007C	VERTICAL LINE	|
U+007D	RIGHT CURLY BRACKET	}
U+007E	TILDE	~
U+00A2	CENT SIGN	¢
U+00A3	POUND SIGN	£
U+00A6	BROKEN BAR	¦
U+00A9	COPYRIGHT SIGN	©
U+00AA	FEMININE ORDINAL INDICATOR	ª

Character	Description	Image
U+00AB	LEFT-POINTING DOUBLE ANGLE QUOTATION MARK	«
U+00AD	SOFT HYPHEN	
U+00AE	REGISTERED SIGN	®
U+00B0	DEGREE SIGN	°
U+00B1	PLUS-MINUS SIGN	±
U+00B2	SUPERSCRIPT TWO	²
U+00B3	SUPERSCRIPT THREE	³
U+00B4	ACUTE ACCENT	´
U+00B5	MICRO SIGN	µ
U+00B9	SUPERSCRIPT ONE	¹
U+00BB	RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK	»
U+00BC	VULGAR FRACTION ONE QUARTER	¼
U+00BD	VULGAR FRACTION ONE HALF	½
U+00BE	VULGAR FRACTION THREE QUARTERS	¾
U+00BF	INVERTED QUESTION MARK	¿
U+00C0	LATIN CAPITAL LETTER A WITH GRAVE	À
U+00C1	LATIN CAPITAL LETTER A WITH ACUTE	Á
U+00C2	LATIN CAPITAL LETTER A WITH CIRCUMFLEX	Â
U+00C3	LATIN CAPITAL LETTER A WITH TILDE	Ã
U+00C4	LATIN CAPITAL LETTER A WITH DIAERESIS	Ä
U+00C5	LATIN CAPITAL LETTER A WITH RING ABOVE	Å
U+00C6	LATIN CAPITAL LETTER AE	Æ
U+00C7	LATIN CAPITAL LETTER C WITH CEDILLA	Ç
U+00C8	LATIN CAPITAL LETTER E WITH GRAVE	È
U+00C9	LATIN CAPITAL LETTER E WITH ACUTE	É
U+00CA	LATIN CAPITAL LETTER E WITH CIRCUMFLEX	Ê
U+00CB	LATIN CAPITAL LETTER E WITH DIAERESIS	Ë
U+00CC	LATIN CAPITAL LETTER I WITH GRAVE	Ì
U+00CE	LATIN CAPITAL LETTER I WITH CIRCUMFLEX	Î
U+00CF	LATIN CAPITAL LETTER I WITH DIAERESIS	Ï
U+00D1	LATIN CAPITAL LETTER N WITH TILDE	Ñ
U+00D2	LATIN CAPITAL LETTER O WITH GRAVE	Ò
U+00D3	LATIN CAPITAL LETTER O WITH ACUTE	Ó
U+00D3	LATIN CAPITAL LETTER O WITH ACUTE	Ó
U+00D4	LATIN CAPITAL LETTER O WITH CIRCUMFLEX	Ô

Character	Description	Image
U+00D5	LATIN CAPITAL LETTER O WITH TILDE	Õ
U+00D6	LATIN CAPITAL LETTER O WITH DIAERESIS	Ö
U+00D7	MULTIPLICATION SIGN	×
U+00D8	LATIN CAPITAL LETTER O WITH STROKE	Ø
U+00D9	LATIN CAPITAL LETTER U WITH GRAVE	Ù
U+00DA	LATIN CAPITAL LETTER U WITH ACUTE	Ú
U+00DB	LATIN CAPITAL LETTER U WITH CIRCUMFLEX	Û
U+00DC	LATIN CAPITAL LETTER U WITH DIAERESIS	Ü
U+00DF	LATIN SMALL LETTER SHARP S	ß
U+00E0	LATIN SMALL LETTER A WITH GRAVE	à
U+00E1	LATIN SMALL LETTER A WITH ACUTE	á
U+00E2	LATIN SMALL LETTER A WITH CIRCUMFLEX	â
U+00E3	LATIN SMALL LETTER A WITH TILDE	ã
U+00E4	LATIN SMALL LETTER A WITH DIAERESIS	ä
U+00E5	LATIN SMALL LETTER A WITH RING ABOVE	å
U+00E6	LATIN SMALL LETTER AE	æ
U+00E7	LATIN SMALL LETTER C WITH CEDILLA	ç
U+00E8	LATIN SMALL LETTER E WITH GRAVE	è
U+00E9	LATIN SMALL LETTER E WITH ACUTE	é
U+00EA	LATIN SMALL LETTER E WITH CIRCUMFLEX	ê
U+00EB	LATIN SMALL LETTER E WITH DIAERESIS	ë
U+00ED	LATIN SMALL LETTER I WITH ACUTE	í
U+00EE	LATIN SMALL LETTER I WITH CIRCUMFLEX	î
U+00EF	LATIN SMALL LETTER I WITH DIAERESIS	ï
U+00F1	LATIN SMALL LETTER N WITH TILDE	ñ
U+00F2	LATIN SMALL LETTER O WITH GRAVE	ò
U+00F3	LATIN SMALL LETTER O WITH ACUTE	ó
U+00F3	LATIN SMALL LETTER O WITH ACUTE	ó
U+00F4	LATIN SMALL LETTER O WITH CIRCUMFLEX	ô
U+00F5	LATIN SMALL LETTER O WITH TILDE	õ
U+00F6	LATIN SMALL LETTER O WITH DIAERESIS	ö
U+00F7	DIVISION SIGN	÷
U+00F8	LATIN SMALL LETTER O WITH STROKE	ø
U+00F9	LATIN SMALL LETTER U WITH GRAVE	ù
U+00FA	LATIN SMALL LETTER U WITH ACUTE	ú

Character	Description	Image
U+00FA	LATIN SMALL LETTER U WITH ACUTE	ú
U+00FB	LATIN SMALL LETTER U WITH CIRCUMFLEX	û
U+00FC	LATIN SMALL LETTER U WITH DIAERESIS	ü
U+0104	LATIN CAPITAL LETTER A WITH OGONEK	Ą
U+0105	LATIN SMALL LETTER A WITH OGONEK	ą
U+0106	LATIN CAPITAL LETTER C WITH ACUTE	Ć
U+0107	LATIN SMALL LETTER C WITH ACUTE	ć
U+0118	LATIN CAPITAL LETTER E WITH OGONEK	Ę
U+0119	LATIN SMALL LETTER E WITH OGONEK	ę
U+011E	LATIN CAPITAL LETTER G WITH BREVE	Ğ
U+011F	LATIN SMALL LETTER G WITH BREVE	ğ
U+0130	LATIN CAPITAL LETTER I WITH DOT ABOVE	İ
U+0141	LATIN CAPITAL LETTER L WITH STROKE	Ł
U+0142	LATIN SMALL LETTER L WITH STROKE	ł
U+0143	LATIN CAPITAL LETTER N WITH ACUTE	Ń
U+0144	LATIN SMALL LETTER N WITH ACUTE	ń
U+015A	LATIN CAPITAL LETTER S WITH ACUTE	Ś
U+015B	LATIN SMALL LETTER S WITH ACUTE	ś
U+015E	LATIN CAPITAL LETTER S WITH CEDILLA	Ş
U+015F	LATIN SMALL LETTER S WITH CEDILLA	ş
U+0179	LATIN CAPITAL LETTER Z WITH ACUTE	Ź
U+017A	LATIN SMALL LETTER Z WITH ACUTE	ź
U+017B	LATIN CAPITAL LETTER Z WITH DOT ABOVE	Ż
U+017C	LATIN SMALL LETTER Z WITH DOT ABOVE	ż
~~**U+02C7**~~	~~CARON~~	ˇ
U+0308	COMBINING DIAERESIS	¨
~~**U+2018**~~	~~LEFT SINGLE QUOTATION MARK~~	‘
~~**U+2019**~~	~~RIGHT SINGLE QUOTATION MARK~~	’
~~**U+201C**~~	~~LEFT DOUBLE QUOTATION MARK~~	“
~~**U+201D**~~	~~RIGHT DOUBLE QUOTATION MARK~~	”
~~**U+2038**~~	~~CARET~~	‸
U+20AC	EURO SIGN	€

2.2 NSN XML Schema – Inbound & Outbound

International data exchange is facilitated by NSN XML Schema that all NCS members must adhere to. Specifically, all internationally exchanged codification data must comply with either Inbound or Outbound section of AC/135 NSN XML Schema.

2.2.1 NSN XML Schema - Inbound

Inbound Schema is used for exchanging data for requested action on a foreign NIIN. Chapter 3 defines Message structures for all Inbound Container types that include all Action types.

Inbound (request)

- Create
- Maintain
- Collaborate
- Interrogate
- Reinstate

Business rules define the mandatory, conditionally mandatory and optional data elements for each Message with Inbound Container and Action that the submitting NCB/NSPA must provide to the processing (Destination) NCB.

2.2.2 XML Schema - Outbound

Outbound Schema is used to exchange data for responses to Actions as well as Unsolicited Changes on domestic NIINs. Chapter 4 defines the Message structure for four Containers.

Outbound (response)

- NSN
- Status
- Error
- Notification

Container NSN covers:

- **Positive response to an Inbound request for Action**

  When a request for Action results in a positive response, the destination NCB sends out Container NSN as a response to the Inbound (request) Container Create, Maintain, Reinstate and Interrogate (NSN Data Interrogation only).

  Container NSN always includes full NSN data record regardless of NIIN SC.

  The original request's Message ID, Container Serial Number and Action Serial Number must be part of the data set within Container NSN when responding to a requested NIIN Action.

  NSPA uses every Container NSN to update NTIR and provides a NIIN update for retrieval by the requestor and all registered users.

- **Unsolicited Change**

  When a NCB makes an unsolicited change, e.g. changes anything on a domestic NIIN data record or assigns a new NIIN based on domestic requirement, the NCB has to update NTIR and/or inform the requestor and the registered users by providing Container NSN. The Destination is always NSPA.

  Container NSN always includes a full NSN data record regardless of NIIN SC.

  When provided as a result of an Unsolicited Change, Container NSN does not contain any Message ID, Container Serial Number or Action Serial Number for a preceding request because it is not a response to a requested (solicited) Action.

  NSPA uses Every Container NSN to update NTIR and provides a NIIN update for retrieval by the requestor and all registered users.

Container **Status** covers:

- **Status of previously exchanged Message/Container/Action**

  Container Status is sent back as

  - a response to the Inbound Container Interrogate, Action – Interrogate Request Status
    or
  - as a response to the Inbound Container Collaborate, Actions – Collaborate to cancel NSN with/without replacement

Container Status provides the status of a previous/referenced Message/Container/Action or Collaboration sent by the Submitting NCB/NSPA.

The original request's Message ID, Container Serial Number and Action Serial Number or Collaboration ID must be part of data set within Container Status.

Container **Error** covers:

- **Validation error**

  When Message/Container/Action data does not pass either Central Validations at NSPA or Destination Validations at NCB a Container Error is sent back to the submitter with appropriate Return Code and Message ID, Container Serial Number and Action Serial Number or Collaboration ID of the erroneous data.

- **Negative response to an Inbound Container (request)**

  When a request results in a negative processing response, the destination NCB sends out Container Error with appropriate Return Code together with the original request's Message ID, Container Serial Number and Action Serial Number.

Container **Notification** covers:

- **Informative notification**

  Container Notification represents informative Messages sent by the destination NCB to the Submitting NCB/NSPA to provide an explanation (an appropriate Return Code) for each request that is processed with changes to the original request.

  The original request's Message ID Container Serial Number and Action Serial Number must be part of data set within Container Notification when responding to a requested NIIN Action.

2.2.3 XML Schema Versioning

NSN XML Schema version management is entrusted to NSPA. The version number changes whenever a change is approved to the currently published NSN XML Schema. The XML version number consists of two digits separated by a full stop (e.g., Version 1.0, Version 2.1, etc.)

The version Number will be included in the XML Schema Namespace.

Two levels of changes may occur in NSN XML Schema.

Major change

A major NSN XML Schema modification is noted via the number in front of the full stop. A major change signalizes a significant difference in the NSN XML Schema that makes the new version incompatible with the previous one. (e.g., new mandatory data element introduced in a new version of NSN XML Schema).
Each Major change introduced to the NSN XML Schema has two-step implementation process. First, NSPA implements the Major change as a Minor change into the NSN XML Schema (e.g. new mandatory data element introduced to the NSN XML Schema is implemented as an optional one first) and prepares an implementation CodSP table for NCBs. Only when all NCBs implement the change within national software (e.g. new data element implemented in all national software as optional one) the change can become the major one. (e.g., new data element becomes mandatory in NSN XML Schema within next ACodP-1 publication).

Only one major schema version will be supported at any given time.

Minor change

A minor NSN XML Schema modification is noted via the number after the full stop. A minor change signalizes that the new version remains compatible with the previous one. (e.g., a data element was changed from mandatory to optional).

Every NCB must implement a new NSN XML Schema version with a "Minor change" no later than 6 months after the latest ACodP-1 release. NSPA maintains simultaneous use of the two different NSN XML Schema versions with Minor changes for that period of 6 months only.

The latest version of NSN XML Schema is part of the ACodP-1 XML in every ACodP-1 publication.

NSPA distributes the latest NSN XML Schema via NATO Business System (NABS) at least two weeks before a new ACodP-1 release.

Prior to a new NSN XML Schema version being published in a new release of ACodP-1, it will already be implemented in NACOMS at NSPA.

2.3 Data Validations

NCS international data exchange requires three separate levels of data validation controls on all data exchanged in XML format.

A. SCHEMA VALIDATIONS

NSPA automatically validates conformity of each Message to defined NSN XML Schema. Schema validations (**SV**) consist of basic format controls on the Message/Container/Action

When NACOMS detects an error during SV it rejects the full Message (no containers passed to NSPA/NCB) without being neither processed nor delivered to NSPA/NCB.

SV is able to identify only the first error it encounters. A system-to-system SV Error Report is provided back to Submitter via Container Error. The SV Error Report consists of a Return Code – "Schema Error", erroneous DRN line and short text description following on of this template:

Node content error

This error is raised when the content of an XML node is invalid.

Pattern:

The <ElementName> is invalid -

The <ErrorSource> is invalid according to <SchemaDefinitionUsed> -

The actual <ErrorType> <ErrorRerefence>

Example:

```
  <HEADER>
    <NMBS_SOURCE>NCB_FRA</NMBS_SOURCE>
    <NMBS_DESTINATION>NCB_USA</NMBS_DESTINATION>
    <MESSAGE_SERIAL_NUMBER_9765>1</MESSAGE_SERIAL_NUMBER_9765>
    <TRANSACTION_DATE_TIME_xxxx>2018-09-07T12:19:53Z</TRANSACTION_DATE_TIME_xxxx>
```

Message returned:

```
The 'MESSAGE_SERIAL_NUMBER_9765' element is invalid – the value '1' is invalid
according to its datatype
'http://eportal.nspa.nato.int/Types:MESSAGE_SERIAL_NUMBER' – The actual length is
less than the min length value.
```

Node structure error

This error is raised when the structure of the XML message is invalid.

Pattern:

The Element <ElementName> has invalid child element <ChildName>. List of possible elements expected : <SchemaCompliantNodes>

Example:

```
  <HEADER>
    <NMBS_SOURCE>NCB_FRA</NMBS_SOURCE>
    <NMBS_DEST>NCB_USA</NMBS_DEST>
```

```
<MESSAGE_SERIAL_NUMBER_9765>1</MESSAGE_SERIAL_NUMBER_9765>
```

Message Returned:

```
The element ‘HEADER’ has invalid child element ‘NMBS_DEST’. List of possible
elements expected: ‘NMBS_DESTINATION’.
```

Tag closure

This error is raised when the closing tag do not match the opening tag.

Pattern:

Expecting end tag <ElementName>.

Example:

```
<HEADER>
<NMBS_SOURCE>NCB_FRA</NMBS_SOURCE>
<NMBS_DESTINATION>NCB_USA</NMBS_DESTINATION>
<MESSAGE_SERIAL_NUMBER_9765>1</MESSAGE_SERIAL_NUMBER_9769>
<TRANSACTION_DATE_TIME_xxxx>2018-09-07T12:19:53Z</TRANSACTION_DATE_TIME_xxxx>
```

Message Returned:

```
Expecting end tag <MESSAGE_SERIAL_NUMBER_9765>.
```

B. CENTRAL VALIDATION CONTROLS

NSPA performs Central Validations (**CV**) in NACOMS on each Message/Container/Action on data validity with ACodP-1 prior to forwarding Message to the destination.

When NACOMS detects an error during CV, NSPA sends Id of the erroneous Message/Container/Action back to the submitting NCB with an appropriate Return code without forwarding data to the destination.

The data to be rejected is determined by the message layer that contains a validation error as follows:

Message Header Error

- The entire Message is rejected with all the Containers and Actions within the Message
- Submitting NCB receives back Message ID together with a Container Error and appropriate validation Return code

No data is available for the destination.

Container Error

Message contains only one Container – the entire Message is rejected.

- Submitting NCB receives back Message ID and Container Serial Number together with a Container Error and appropriate validation Return code.

No data is available for the destination.

Message contains two or more Containers – only the erroneous Container with all the Actions inside is rejected.

- Submitting NCB receives back Message ID and erroneous Container Serial Number together with a Container Error and appropriate validation Return code.

No data from the erroneous Container is available for the destination. NSPA parses the Message so that the Container that passed CV is available for the destination.

Action Error

- The entire Container of the erroneous Action is rejected
- Submitting NCB receives back Message ID, Container Serial Number and erroneous Action Serial Number together with a Container Error and appropriate validation Return code.

No data from the Container of the erroneous Action is available for the destination. NSPA parses the Message so that the Container where all Actions inside passed CV is available for the destination.

NSPA provides CV on behalf of all NCBs and archives all errors.

It is optional for each NCB to provide CV within their national codification software.

C. DESTINATION VALIDATION CONTROLS (NATIONAL SW)

NCB/NSPA performs Destination Validations (DV) within their national codification software on each Action as defined in ACodP-1.

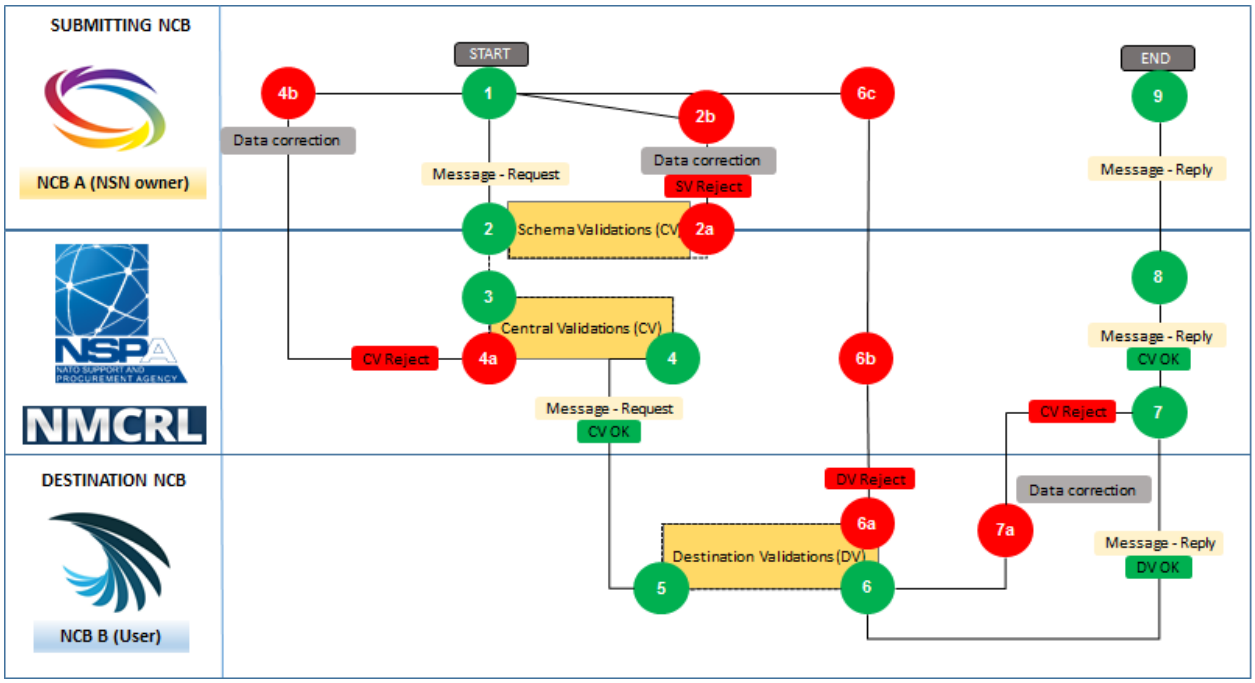
When a destination NCB's/NSPA's codification software detects an error during DV, the NCB/NSPA sends Message ID, Container Serial Number and only the erroneous Action Serial Number together with a Container Error and appropriate validation Return code back to the submitting NCB (Source).

NSPA archives all the errors.

Destination NCB processes all the Actions that passed DV within the prescribed timeframes.

It is mandatory for NCB and NSPA (in case NSPA is a final destination) to provide DV.

Diagram No. 1 – Example flow chart of Central and Destination Validations



Description of the flow:

1	Submitting NCB sends a Message with Inbound Container for NCB B (Destination NCB).
2	NSPA performs Schema Validations (SV) before the Message reaches the central communications hub at NSPA.
2a	If an error is found during SV, NMBS makes the Message available for the submitting NCB (Source) with only the information that the Message did not pass SV.
2b	Submitting NCB retrieves the Message, corrects it and sends it again to NCB B (Destination NCB).
3	After successful SV, NSPA performs Central Validations (CV).
4	NSPA makes the Message available for the Destination NCB with the Inbound Container.
4a	If there was error found during CV, NSPA makes the Message available to the submitting NCB (Source) with Outbound Container Error and appropriate CV Return Code together with ID of the erroneous data.
4b	Submitting NCB retrieves the Message with Outbound Container Error (with CV Return Code and ID of the erroneous data), corrects all the rejected data and sends the Message with Inbound Container again. (Steps 1 – 3b repeats until all CV results are OK)
5	Destination NCB retrieves a Message with Inbound Container and performs Destination Validations (DV).
6	The Message with Inbound Container passes DV, Destination NCB processes it and sends a Message with appropriate Outbound Container.
6a	If there was error found during DV, destination NCB sends the Message with Outbound Container Error with DV Return Code and ID of the erroneous data back to NSPA.
6b	NSPA receives the Message with Outbound Container Error with DV Return Code and ID of the erroneous data, registers it and makes the same Message available for the Submitting NCB.
6c	Submitting NCB retrieves the Message with Outbound Container Error with DV Return Code and ID of the erroneous data, corrects all the rejected data and sends the Message with Inbound Container again to NSPA. (Steps 1-5c repeats until all CV and DV results are OK)

7	NSPA performs CV on the Message with Outbound Container and registers it. If an error was found during CV, NSPA makes a Message available for the Destination NCB with Outbound Container Error with CV Return Code together with ID of erroneous data.
7a	Destination NCB retrieves the Message with Outbound Container Error with CV Return Code and ID of the erroneous data, corrects all the rejected data and sends the Message with Outbound Container back to NSPA. (Steps 6 – 6a repeats until all CV results are OK)
8	With CV passed, NSPA updates NTIR with NSN data.
9	Submitting NCB retrieves a Message with Outbound Container NSN.

2.4 Message structure

A Message is the basic element of NATO data exchange. A valid Message is in XML format and adheres to the NSN XML Schema published in ACodP-1.

A Message consists of a Message Header and a Message Body.

2.4.1 Message Header

The Message Header consists of routing information only.

Source

3-letter ISO country code(*) is used for the Submitting NCB.

→NSPA code is “NSP”.

Destination (Processing NCB/NSPA) (3-letter code)

3-letter ISO country code is used for the Destination NCB/NSPA.

→NSPA code is “NSP”.

Message Serial Number

Message Serial Number is an incremented number starting from 1 that can have a maximum of nine digits. (e.g., length of the Message Serial Number is variable from 1 to 9 digits and it can contain a value between 1 and 999999999). It will be reset to 1 after reaching 999999999.

Every destination has its own sequence of the Message Serial Number. The sequence number will always be systematically recorded between the Submitter and NSPA so that if first Message Serial Number is 1, the second must be 2, the third must be 3 and so on (n+1).

(*) *as specified by STANAG 1059*

Date/Time stamp

The Date/Time stamp is systematically generated at the moment of Message submission from national codification software to NMBS.

The Data/Time complies with standard: ISO 8601 and has following attributes:

Calendar type: Gregorian

Calendar dates representation: YYYY-MM-DD

Time representation: hh:mm:ss (extended format)

Time zone designator: Coordinated Universal Time (UTC) only

Combined date and time representation: YYYY-MM-DDThh:mm:ssZ

Unique Message ID is derived from Source, Destination, Date/Time stamp and Message Serial Number, in this order. The only separator used within Message ID is “low line” _ separating Message Serial Number from Date/Time stamp.

Examples of Message IDs:

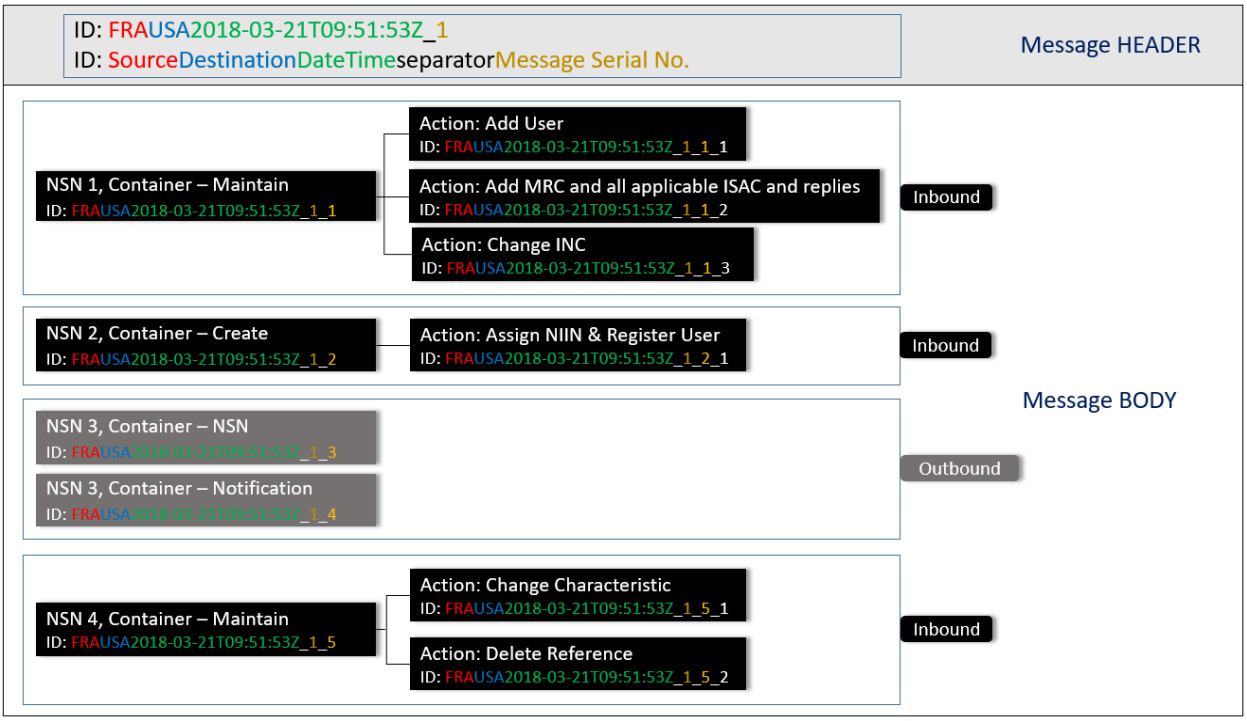
- FRAUSA2018-03-21T09:51:53Z_1
- NSPFIN2018-06-19T07:56:01Z_56
- etc.

2.4.2 Message Body

The Message Body consists of one or more Container(s) and Action(s).

One Message can include several Inbound and/or Outbound Containers. When an Outbound Container NSN is accompanied with Container Error or Container Notification, the Error or Notification will be linked to the Container NSN in question via Container Serial Number or Action Serial Number.

Diagram No. 2 – Example of a message structure



An example of the Message structure in Diagram No. 2 illustrates the possibility to combine different Container types within a single Message.

The order of processing Actions within a Container can be significant in the following instances:

Table No. 1

Action	Description
Add User	If Container includes Add User Action, this must be processed always as the first action of the Container.
...	...

2.4.3 Container

A Container's type is either Inbound or Outbound.

Each Container has a unique Container Id within a Message.

Unique Container Id is a combination of Message ID and a Container Serial Number within the Message.

Every Message has its own sequence of Container Serial Numbers.

Container Serial Number is an incremental number starting from 1. Container Serial Number can have a maximum of nine digits. (e.g., length of the Message Serial Number is variable from 1 to 9 digits and it can contain a value between 1 and 999999999). It will be reset to 1 after reaching 999999999.

The separator used within Container Serial Number is “low line” _ separating Message Serial Number from Date/Time stamp and Container Serial Number from Message Serial Number.

Examples of Container Serial Numbers:

- FRAUSA2018-03-21T09:51:53Z_1_1 (Message Serial No. 1, Container Serial No. 1)
- NSPFIN2018-06-19T07:56:01Z_56_1245 (Message Serial No. 56, Container Serial No. 1245)
- etc.

There is no difference between Inbound Container Serial Number and Outbound Container Serial Number.

Inbound Container

There are **five Inbound Container types (request)** within international data exchange:

- Create
- Maintain
- Collaborate
- Interrogate
- Reinstate.

A Container groups different Actions of the same Container type (Maintain, Create, Interrogate, etc.) where each Inbound Container type represents different NIIN.

Inbound Containers always consist of a minimum of one Action.

Outbound Container

There are **four Outbound Container types (responses)** within International data exchange:

- NSN
- Status
- Error
- Notification.

No Actions are defined for the Outbound Containers. The Containers themselves consist of the required data.

A Message can consist of one or several Outbound Container types (NSN, Status, Notification, etc.) regardless of the NIIN represented by each Outbound Container type.

A Message can consist of combination of several Inbound and/or Outbound Containers.

2.4.4 Action

An Action specifies the requested outcome of a NIIN request. Actions are defined for Inbound Containers only.

There are no Actions for Outbound Containers.

Unique Action Serial Number is a combination of a Message ID, Container Serial Number and Action Serial Number within the Message.

Every Container has its own sequence of the Action Serial Numbers.

Action Serial Number is an incremental number starting from 1. Action Serial Number can have a maximum of nine digits. (e.g., length of the Message Serial Number is variable from 1 to 9 digits and it can contain a value between 1 and 999999999). It will be reset to 1 after reaching 999999999.

The separator used within Action Serial Number is “low line” _ separating

- Message Serial Number from Date/Time stamp
- Container Serial Number from Message Serial Number
- Action Serial Number from Container Serial Number.

Example of Action Serial Numbers:

- FRAUSA2018-03-21T09:51:53Z_1_1_1(Message Serial No. 1, Container Serial No. 1, Action Serial No. 1)
- NSPFIN2018-06-19T07:56:01Z_56_1245_13 (Message Serial No. 56, Container Serial No. 1245, Action Serial No. 13
- etc.

Section 3 defines all Actions for Inbound (request) Containers within International data exchange.

2.5 Message flow examples

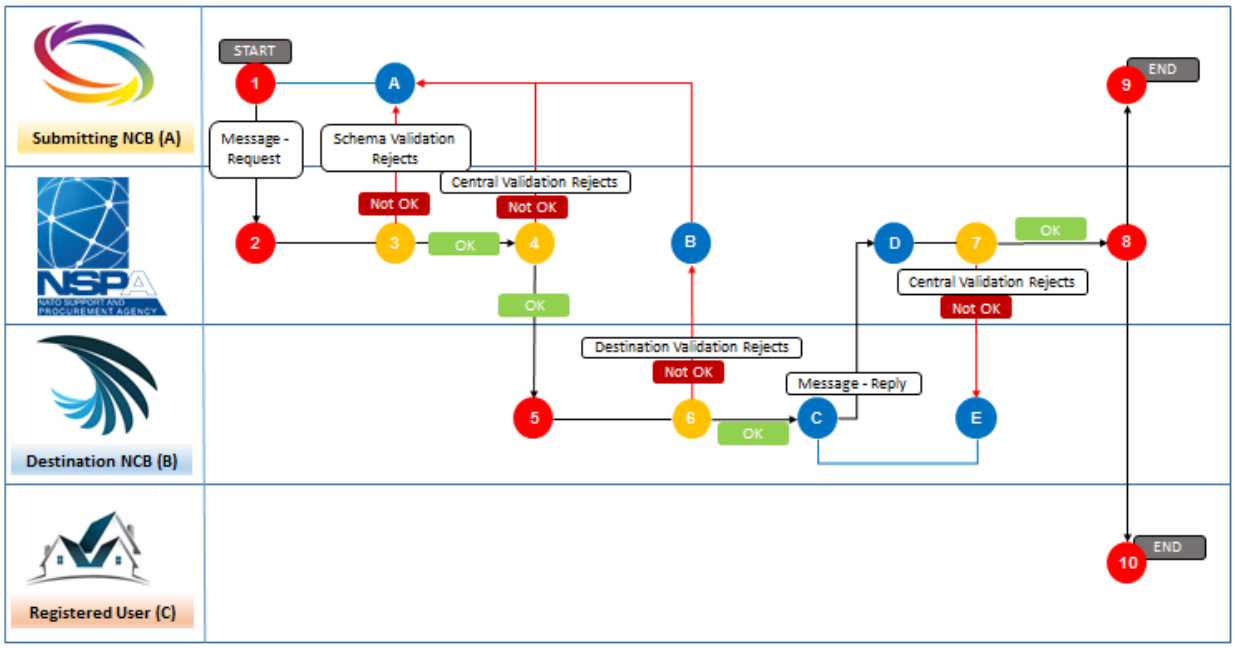
2.5.1 Data Exchange

An Illustration of international data exchange flow is provided in the example below:

Example No. 1

Submitting NCB (A) sends out a Message with an Inbound Container to Destination NCB (B). Another NCB (C) uses the NSN.

Diagram No. 3 – Example of international data exchange flow – Message – Inbound Container



Description of the flow:

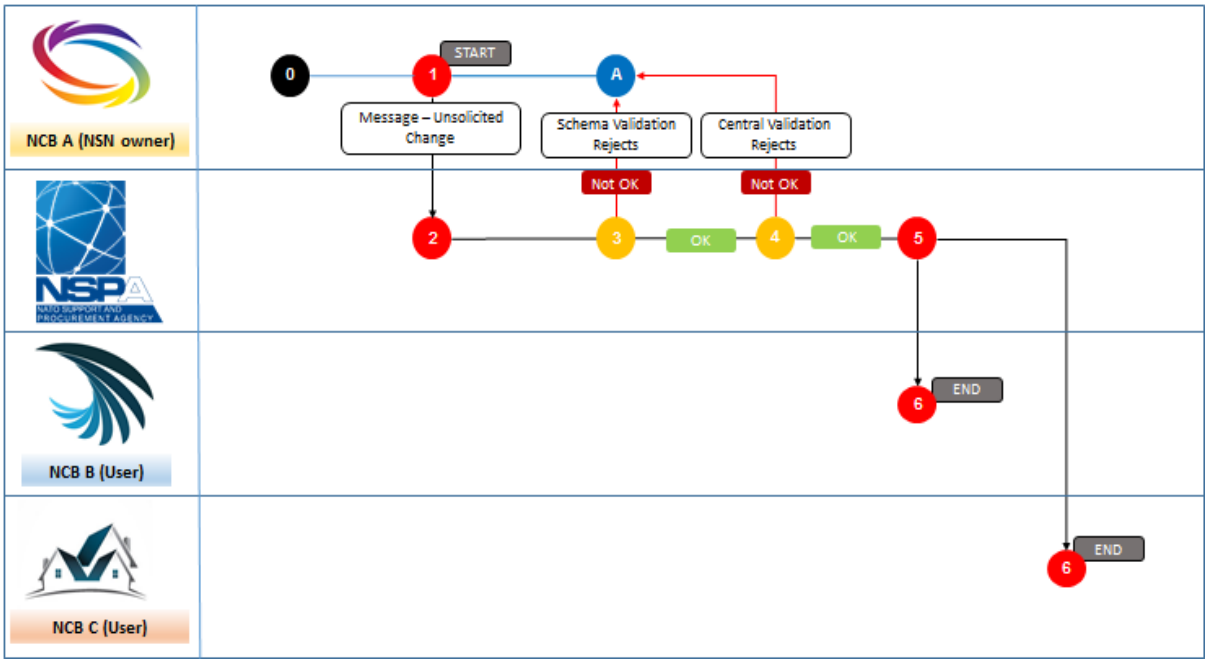
1	Submitting NCB (NCB A) sends a Message with Inbound Container to the Destination NCB (NCB B) via NSPA.
2	NSPA receives the Message with Inbound Container.
3	NSPA performs Schema Validations (SV).
A	If an error is found during SV, NSPA makes the Message available for the submitting NCB Source) with only the first error identified. Submitting NCB corrects the data and sends a new Message with Inbound Container to NCB B again (back to 1).
4	NSPA performs the Central Validations (CV) on the Message/Container/Action data and archives/register data.

A	If any data fails the CV, the Submitting NCB retrieves the Message with Outbound Container – Error (with CV Return Code and ID of the erroneous data) from NSPA. Submitting NCB corrects the data and sends a new Message with Inbound Container to NCB B again (back to 1).
5	If data passes CV, the destination NCB retrieves the Message with Inbound Container.
6	The destination NCB performs Destination Validations (DV) on the Message/Container/Action data. If any data fails the DV, the Destination NCB sends the Message with Outbound Container – Error (with DV Return Code and ID of the erroneous data) to Submitting NCB.
B	NSPA archives reject code from the Message with Container - Error on the way back.
A	If any data fails the DV, the Submitting NCB retrieves the Message with Outbound Container – Error (with DV Return Code and ID of the erroneous data). Submitting NCB corrects data and sends a new Message with Inbound Container to Destination NCB again (back to 1).
C	For all Containers and Actions that pass the DV, the Destination NCB processes the Containers and Actions within their national software and sends a Message with Outbound Container as a response to the requested Action.
D	NSPA receives the Message with Outbound Container.
7	NSPA performs CV on the Message with Outbound Container and archives all data.
E	If any data fails the CV, the Destination NCB (NCB B) retrieves the Message with Outbound Container – Error (with DV Return Code and ID of the erroneous data) from NSPA. Destination NCB corrects the data and sends a new Message with Outbound Container to Submitting NCB again (back to C).
8	If data passes CV, NSPA archives it and updates the NTIR (Outbound Container NSN only) with the latest data record.
9	When NTIR is updated, Submitting NCB retrieves the Message with Outbound Container (including Inbound Message ID, Container Serial Number and Action Serial Number.
10	When NTIR is updated, all other registered users retrieve the Message with Outbound Container (Outbound Container NSN only) from NSPA to make an update of the national codification database. Message with Outbound Container NSN for the users do not includes any Inbound Message ID, Container Serial Number and Action Serial Number.

Example No. 2

NCB A makes an Unsolicited Change on own NSN data (based on national requirements). Other NCBs use the NSN (NCB B and NCB C).

Diagram No. 4 – Example of NATO data exchange flow – Message – Outbound Container – NSN (Unsolicited Change)



Description of the flow:

0	NCB A, owning the NSN, domestically makes an unsolicited change on the NSN data record.
1	Submitting NCB (NCB A) sends a Message with Outbound Container – NSN. The Message destination is always NSPA.
2	NSPA receives the Message.
3	NSPA performs Schema Validations (SV) on the Message.
A	If an error is found during SV, NSPA makes the Message available for the submitting NCB Source) with only the information that the Message did not pass SV. Submitting NCB corrects the data and sends a new Message with Inbound Container to NCB B again. (back to 1)
4	NSPA performs the Central Validations (CV) on the Message.

A	If any data fails the CV, the Submitting NCB retrieves the Message with Outbound Container – Error (with CV Return Code and ID of the erroneous data) from NSPA. Submitting NCB corrects the data and sends a new Message with Inbound Container to NCB B again (back to 1).
5	If data pass CV, NSPA archives the all data and updates NTIR.
6	All Registered Users of the NSN, if any, retrieve the Message with Outbound Container – NSN to update the national codification database.

3. INBOUND

There are five different Inbound Container types concerning NSN data – **CREATE, MAINTAIN, COLLABORATE**, **INTERROGATE** and **REINSTATE**. Each request for Action concerns a single NIIN and forms its own Container within a Message for that specific NIIN. One Container consists of one or several Actions. Container Create has no NIIN but the logic is the same.

Each Action has Data Validation and Processing Rule tables under it.

The validation tables identify the validations on three levels: Schema, Central and Destination Validations. All validations are based on the tables below.

- **Schema Validations:** NSPA performs the system level check against schema format regulations in NACOMS. SV failure results in the full message rejected back to the submitter.
- **Central Validations**: NSPA performs checks on Data Element validity against ACodP-1 tables. In case of an error, the data to be rejected is determined by the message layer that contains a validation error as defined in 2.3 B.
- **Destination Validations**: NCB/NSPA performs Data content validation in each Action. Mandatory for all NCBs and also for NSPA when it is a Message destination. In case of an error, the data to be rejected is determined by the message layer that contains a validation error as defined in 2.3 C.

Every Message is subject to Schema and Central Validations on IDs and Container/Action Serial Numbers. The following Schema and Central Validations are common for all Inbound Messages.

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	Source (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
M	Destination (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
M	Transaction Date/Time Stamp (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
M	Message ID (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
M	Container Serial Number (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
M	Action Serial Number (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	Message Serial Number (TBD)	1. Must be unique and incremented by one per Destination NCB	NEW0001	Error
M	Container Serial Number (TBD)	1. Must be unique and incremented by one within a Message	NEW0002	Error
M	Action Serial Number (TBD)	1. Must be unique and incremented by one within Inbound Container	NEW0003	Error
M	Transaction Date Time (TBD)	1. Must be prior to the receipt date of the message	NEW0004	Error

3.1 Container – CREATE

Create is used only when there is a need to assign new NSN and simultaneously register the Submitting Nation as a user on the corresponding item identification.

Most data elements included in Outbound NSN schema are available and encouraged to be used on Create requests.

The Submitting Nation is mandated to provide the RN Codes for the Processing Nation in order to provide all pertinent Reference information along with Create Request. These data are mandatory on the Request but obviously the Processing Nation continues to have the responsibility for the NSN and the ultimate decision on RN Codes.

In the international data exchange, possible common data for different Create requests (*current L07*) will be repeated for each request.

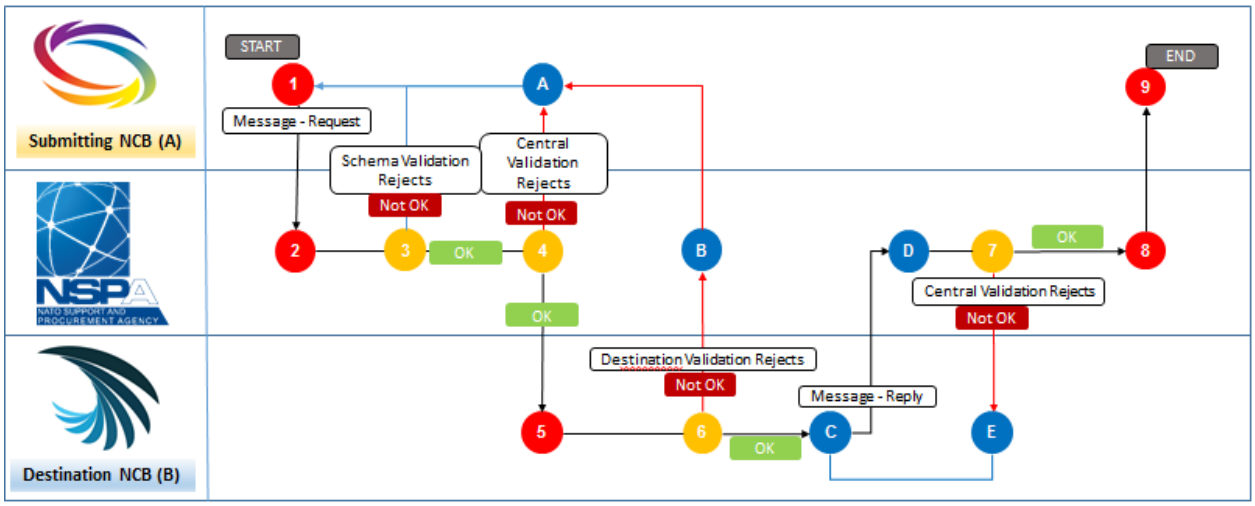
In order to reduce NSN request complexity Create requests will NOT be returned to the submitter due to a potential match. Every Create request that does not meet the exact match criteria in the validation table will be dealt with in-house by the Destination NCB.

3.1.1 Action - Assign NIIN and Register User

Container	Create
Action	Assign NIIN & Register User
Mandatory Data	Contract Codification Clause, Item Name Code, NATO Supply Class, NCAGE Code, PIC, Reference Number, RNCC, RNFC, RNSC, RNVC
Conditionally Mandatory Data	Clear Text Characteristics Reply, Coded Reply, Contract #, Comment, Main Contractor NCAGE, Non-Approved Item Name
Optional Data	Attachment, Combined Nomenclature Code, Controlled Inventory Item Code, CPV, Demilitarization Code, Demilitarization Integrity Code, GTIN, Harmonized System Code, Image, MRC, Item Type Storage Code, Mode Code, Name of Equipment, NATO Codification Project Code, NATO Currency Code, Operator, Order Number, Quantity per Assembly, Quantity per Unit Pack Code, Reportable Item Code (RIC), RNAAC, RNJC, RPDMRC, Schedule B, Secondary Address Code, Secondary Address Indicator Code, Shelf-Life Code, TIIC, Type/Model, UID Flag, UID Country, Unit of Issue Code, Unit Pack Cube, Unit Pack Size, Unit Pack Weight, Unit Price, Unpackaged Item Dimensions, Unpackaged Item Weight, UNSPSC, Web URL

Flow Chart

Diagram No. 5 - Create



Description of the flow:

1	Submitting NCB (NCB A) sends a Message with Inbound Container via NMBS/Web Service to be delivered the Destination NCB (NCB B).
2	NSPA receives the Message with Inbound Container.
3	NSPA performs Schema Validation on the entire Message. If Message is rejected, it will be returned directly to Submitter (Back to 1).
4	NSPA performs the Central Validation Controls (CV) on the Message/Container/Action data and archives/register data.
A	If any data fails the CV the Submitting NCB retrieves the validation rejects with ID of erroneous data in shape of a Message with Outbound Container – Error from NSPA. Submitting NCB corrects the data and sends a new Message with Inbound Container to NCB B again (back to 1).
5	If data passes CV, the destination NCB retrieves the Message with Inbound Container.
6	The destination NCB performs Destination Validation Controls (DV) on the Message/Container/Action data. If any data fails the DV, the Destination NCB sends the validation rejects (error or notification) with ID of erroneous data in a Message with Outbound Container – Error to Submitting NCB.
B	NSPA archives reject code from the Message with Container - Error on the way back.

A	If any data fails the DV, the Submitting NCB retrieves the validation rejects with ID of erroneous data in a Message with Container - Error. Submitting NCB corrects data and sends a new Message with Inbound Container to Destination NCB again (back to 1).
C	For all Containers and Actions that pass the DV, the Destination NCB processes the Containers and Actions within their national software and sends a Message with Outbound Containers NSN and Notification (as required) as a response to the request.
D	NSPA receives the Message with Outbound Container.
7	NSPA performs CV on the Message with Outbound Container and archives all data.
E	If any data fails the CV, the Destination NCB (NCB B) retrieves the validation reject with ID of erroneous data in shape of a Message with Container – Error from NSPA. Destination NCB corrects the data and sends a new Message with Outbound Container to Submitting NCB again (back to C).
8	If data passes CV, NSPA archives it and updates the NMCRL (via Outbound Container NSN only) with the latest data record.
9	When NMCRL is updated, Submitting NCB retrieves the Message with Outbound Containers NSN and Notification (as required) including Inbound Message/Container/Action Serial Numbers.

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	PIC (2867)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2867	NEW0000
M	RNCC (2910)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2910	NEW0000
M	RNFC (2920)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2920	NEW0000
M	RNSC (2923)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2923	NEW0000
M	Reference Number (3570)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3570	NEW0000

Obligation	Data Element (DRN)	Description	Return Code
M	NATO Supply Class (3990)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3990	NEW0000
M	Item Name Code (4080)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4080	NEW0000
M	NCAGE Code (4140)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4140	NEW0000
M	RNVC (4780)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4780	NEW0000
M	Codification Contract Clause (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
CONDITIONALLY MANDATORY DATA ELEMENTS			
C	Coded Reply (3465)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3465	NEW0000
C	Clear Text Characteristics Reply (4128)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4128	NEW0000
C	Non-Approved Item Name (5020)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 5020	NEW0000
C	Contract # (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
C	Main Contractor NCAGE (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
C	Attachment (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
OPTIONAL DATA ELEMENTS			
O	Demilitarization Integrity Code (0138)	1. If present, must be in accordance with FLIS Technical Procedures, Volume 12, DRN 0138	NEW0000
O	Demilitarization Code (0167)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 0167	NEW0000

Obligation	Data Element (DRN)	Description	Return Code
O	Schedule B (0435)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 0435	NEW0000
O	NATO Codification Project Code (1057)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 1057	NEW0000
O	RNJC (2750)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2750	NEW0000
O	Controlled Inventory Item Control (2863)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2863	NEW0000
O	RNAAC (2900)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2900	NEW0000
O	Shelf-Life Code (2943)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2943	NEW0000
O	Unit of Issue Code (3050)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3050	NEW0000
O	MRC (3445)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3445	NEW0000
O	IUID Indicator (3585)	1. If present, must be in accordance with FLIS Technical Procedures, Volume 12, DRN 3585	NEW0000
O	RPDMRC (4765)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4765	NEW0000
O	TIIC (4820)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4820	NEW0000
O	Unit Pack Weight (5153)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 5153	NEW0000
O	Unit Pack Size (5154)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 5154	NEW0000
O	Unit Pack Cube (5155)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 5155	NEW0000

Obligation	Data Element (DRN)	Description	Return Code
O	Item Type Storage Code (5156)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 5156	NEW0000
O	Unpackaged Item Weight (5157)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 5157	NEW0000
O	Unpackaged Item Dimensions (5158)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 5158	NEW0000
O	Unit Price (7075)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 7075	NEW0000
O	Web URL (8021)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 8021	NEW0000
O	Harmonized System Code (9571)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 9571	NEW0000
O	Reportable Item Code (9572)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 9572	NEW0000
O	UNSPSC (9574)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 9574	NEW0000
O	CPV (9569)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 9569	NEW0000
O	Combined Nomenclature Code (TBD)	1. If present, must be in accordance with Sub-Section 543, DRN (TBD)	NEW0000
O	Operator (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
O	Image (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
O	Comment (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	PIC (2867)	1. Must be present on Sub-Section 553, Table 07	IV	Error
		2. Must be 4, A or E	CM	Error
M	RNCC (2910)	1. Must be present on Sub-Section 553, Table 08	IV	Error
M	RNFC (2920)	1. Must be present on Sub-Section 553, Table 09	IV	Error
		2. Must be 1, 4 or 5	IV	Error
M	RNSC (2923)	1. Must be present on Sub-Section 553, Table 14	IV	Error
M	Reference Number (3570)	1. Must be valid RNCC-RNVC combination Sub-Section 232.4	BZ or TD	Error
		2. Must be in accordance with DRN character set	IV	Error
M	NATO Supply Class (3990)	1. Must exist in ACodP-2 (H2)	IV	Error
		2. NSC/INC combination must be valid (FLIS Technical Procedures Vol.12, Table 099)	BZ	Error
M	Item Name Code (4080)	1. Must be present in ACodP-3 (H6) with Item Name Type Code 0 or 2(*), or be 77777	IV	Error

(*) *Excerpt from FLIS Vol.12 DRN 3308: CODE 0, ITEM NAME, APPROVED, CODE 2, ALL EXCEPT USA (NATO USE ONLY).*

Obligation	Data Element (DRN)	Description	Return Code	Container
M	NCAGE Code (4140)	1. Must be in prescribed form per CodSP-3	IV	Error
		2. Must exist in NTIR	MI	Error
		3. At least one must correspond to the destination activity code	IV	Error
M	RNVC (4780)	1. Must be present on Sub-Section 553, Table 12	IV	Error
		1. Extra Long Reference Number Indicator Code present with RNVC other than ”1”		
M	Codification Contract Clause (TBD)	1. Must be Yes or No	IV	Error
CONDITIONALLY MANDATORY DATA ELEMENTS				
C	Coded Reply (3465)	1. If Mode Code is D, H, J or L, must be present	MI	Error
C	Clear Text Characteristics Reply (4128)	1. If Mode Code is A, B, E, F, G or J, must be present	MI	Error
		2. Must be in accordance with DRN character set	IV	Error
C	Non-Approved Item Name (5020)	1. If Item Name Code (DRN 4080) is “77777”, must be present	BZ	Error
		2. Must be in accordance with DRN character set	IV	Error
C	Attachment (TBD)	1. If PIC A or PIC E, must be present	MI	Error
C	Comment (TBD)	1. If CCC is NO, must be present	MI	Error
		2. Must be in accordance with DRN character set	IV	Error

Destination Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	RNCC (2910)	1. At least one RNCC must be 1, 2, 3 or 4.	NEW	Notification
CONDITIONALLY MANDATORY DATA ELEMENTS				
C	Contract # (TBD)	1. If CCC Yes, must be present	MI	Error
C	Main Contractor NCAGE (TBD)	1. If CCC Yes, must be present	MI	Error
N/A	Reference (0846)	1. Codified and there is an exact match (See Sub-Section 433.2.1 and 433.2.2)	AU	Error

3.2 Container – MAINTAIN

MAINTAIN covers all the possible maintenance requests to add, change or delete data on an NSN.

Maintenance Action timeframe is 3 business days (currently 7 days per ACodP-1, 435.3.3) for actions that do not require human intervention with a Priority Indicator Code “0”.

3.2.1 Action – Add

3.2.1.1 Add User

Container	Maintain
Action	Add User
Mandatory Data	PIC, NIIN
Optional Data	Collaboration Id

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	PIC (2867)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2867	NEW0000
M	NIIN (4000)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4000	NEW0000
OPTIONAL DATA ELEMENTS			
O	Collaboration Id (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	PIC (2867)	1. Must be 0	CM	Error
M	NIIN (4000)	1. Must be in NTIR	FN	Error
		2. The first and second character must be the code of the processing NCB	AU	Error
OPTIONAL DATA ELEMENTS				
O	Collaboration Id (TBD)	1. Must exist on NSPA tracking table	NEW (PLACE HOLDER 1)	Error

Destination Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
ADDITIONAL DATA ELEMENT VALIDATION				
	SOURCE_CODE_(TBD)	1. The Submitting NCB must not be user		NSN Notification

Obligation	Data Element (DRN)	Description	Return Code	Container
N/A	NIIN Status Code (2670)	1. NIIN Status Code is 4, 8 or 9 (cancelled without replacement)	HN	NSN (for submitted NSN) Error
		2. NIIN Status Code is 3, 5, 7 or 9 (cancelled with replacement)	NS	NSN (for submitted NSN) NSN (for replacement) Error

3.2.1.2 Add Reference

Container	Maintain
Action	Add Reference
Mandatory Data	PIC, NIIN, NCAGE Code, Reference Number, RNCC, RNVC, RNSC, RNFC
Optional Data	RNJC, Image(s), Collaboration Id, Comment(s), GTIN
Conditionally Mandatory Data	Attachment(s), DAC

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	PIC (2867)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2867	NEW0000
M	RNCC (2910)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2910	NEW0000
M	RNFC (2920)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2920	NEW0000
M	RNSC (2923)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2923	NEW0000
M	Reference Number (3570)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3570	NEW0000
M	NIIN (4000)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4000	NEW0000
M	NCAGE Code (4140)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4140	NEW0000
M	RNVC (4780)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4780	NEW0000
CONDITIONALLY MANDATORY DATA ELEMENTS			
C	Attachment (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000

Obligation	Data Element (DRN)	Description	Return Code
C	DAC (2640)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2640	NEW0000
OPTIONAL DATA ELEMENTS			
O	Collaboration Id (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
O	RNJC (2750)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2750	NEW0000
O	Image (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
O	Comment (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
O	GTIN (8629)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 8629	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	Reference (0846)	1. Reference to be added must not already be registered in NTIR for the submitted NIIN	SM	Error
		2. PIC is 0 and RNCC is 5 and the NIIN Type II is not 1, 4 or 2	LV	Error
		3. PIC is 0 and RNCC is 5 and the NIIN has an existing Reference with RNCC 1	LV	Error
		4. PIC is 0 and RNCC is 5 and RNVC is 2 and NIIN has an existing Reference with RNCC 2, RNVC 2	LV	Error
		5. PIC is 0 and RNCC is 8	LV	Error
		6. PIC is 0 and NCAGE is from Destination country	LV	Error
		7. Must be valid RNCC-RNVC combination	BZ	Error
		8. Must be valid RNCC-DAC combination	BZ	Error
M	PIC (2867)	1. Must be present on Sub-Section 553, Table 07	IV	Error
M	RNCC (2910)	1. Must be present on Sub-Section 553, Table 08	IV	Error
		2. PIC is 0 and RNCC is not 5 or 6	UJ	Error
M	RNFC (2920)	1. Must be 1, 4 or 5	IV	Error
M	RNSC (2923)	1. Must be present on Sub-Section 553, Table 14	IV	Error

Obligation	Data Element (DRN)	Description	Return Code	Container
M	NIIN (4000)	1. Must be in NTIR	FN	Error
		2. The first and second character must be the code of the processing NCB	AU	Error
M	NCAGE Code (4140)	1. Must be in prescribed form per CodSP-3	IV	Error
		2. If NCAGE is cancelled, RNVC must be 9	TC	Error
M	RNVC (4780)	1. Must be present on Sub-Section 553, Table 12	IV	Error
		2. Extra Long Reference Number Indicator Code present with RNVC other than 1	UG	Error
CONDITIONALLY MANDATORY DATA ELEMENTS				
C	DAC (2640)	1. If PIC is 0, must be present	IV	Error
		2. If present, must be present on Sub-Section 553, Table 05	IV	Error
C	Attachment(s) (TBD)	1. if PIC is not 0, must be present	MI	Error
OPTIONAL DATA ELEMENTS				
O	RNJC (2750)	1. If present, must be present on Sub-Section 553, Table 06	IV	Error
O	Collaboration Id (TBD)	1. Must exist on NSPA tracking table	Place Holder 1	Error
O	Comment (TBD)	1. Must be in accordance with DRN character set	IV	Error

Obligation	Data Element (DRN)	Description	Return Code	Container
O	GTIN (8629)	1. If present, must be in accordance with GS1 rules	IV	Error
		2. The last position is an control digit based on GS1 algorithm that needs to be checked	IV	Error

Destination Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	Reference (0846)	1. RNJC not submitted and Reference (DRN 0846) matches to a different NIIN with RNCC other than 6	Place Holder 4	NSN Error
		2. RNJC not submitted and Reference (DRN 0846) matches to a different NIIN by association with RNCC other than 6	Place Holder 4	NSN Error
M	RNVC (4750)	1. If PIC is 0, RNVC must be 1, 2, 3 or 9	CM	Error
		2. PIC is 0 and RNCC is 5 and the RNVC is not 9 and NCAGE SD Code is C, E, F, H, U or W	EQ	Error
OPTIONAL DATA ELEMENTS				
O	RNJC (2750)	1. PIC is 0 and RNJC submitted	CM	Error

Obligation	Data Element (DRN)	Description	Return Code	Container
ADDITIONAL DATA ELEMENT VALIDATION				
N/A	NIIN Status Code (2670)	1. NIIN Status Code is 4, 8 or 9 (cancelled without replacement)	HN	NSN (for submitted NSN) Error
		2. NIIN Status Code is 3, 5, 7 or 9 (cancelled with replacement)	NS	NSN (for submitted NSN) NSN (for replacement) Error

3.2.1.3 Add Characteristics Data

This container is used to add new characteristics data to an existing NIIN.

Container	Maintain
Action	Add Characteristics Data
Mandatory Data	INC, PIC, NIIN, MRC, Mode Code, Attachment(s)
Optional Data	Secondary Address Code, Secondary Address Indicator Code, Operator, Collaboration Id, Comment(s)
Conditionally Mandatory Data	Coded Reply, Clear Text Characteristics Reply

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	PIC (2867)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2867	NEW0000
M	MRC (3445)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3445	NEW0000
M	NIIN (4000)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4000	NEW0000
M	Item Name Code (4080)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4080	NEW0000
M	Mode Code (4735)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4735	NEW0000
M	Attachment (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
CONDITIONALLY MANDATORY DATA ELEMENTS			
C	Coded Reply (3465)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3465	NEW0000
C	Clear Text Characteristics Reply (4128)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4128	NEW0000

Obligation	Data Element (DRN)	Description	Return Code
OPTIONAL DATA ELEMENTS			
O	Secondary Address Code (8990)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 8990	NEW0000
O	Secondary Address Indicator Code (9485)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 9485	NEW0000
O	Operator (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
O	Collaboration Id (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
O	Comment (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	PIC (2867)	1. Must be present on Sub-Section 553, Table 07	IV	Error
		2. Must not be 0	CM	Error
M	NIIN (4000)	1. Must be in NTIR	FN	Error
		2. The first and second character must be the code of the processing NCB	AU	Error
M	Item Name Code (4080)	1. Must be present in ACodP-3 (H6) with Item Name Type Code 0 or 2(*), or be 77777	IV	Error
M	MRC (3445)	1. Must be present in FLIS Catalog Tools Table 127	IV	Error
		2. Must be linked to INC in FLIS Catalog Tools Table 121 within the Action	IV	Error
M	Mode Code (4735)	1. Must be A, B, D, E, F, G, H, J, or L	IV	Error
		2. Must be linked to INC and MRC in FLIS Catalog Tools Table 121 within the Action		Error
CONDITIONALLY MANDATORY DATA ELEMENTS				
C	Coded Reply (3465)	1. Mode Code is D, H, J or L and Coded Reply (DRN 3465) is not present	MI	Error

(*) *Excerpt from FLIS Vol.12 DRN 3308: CODE 0, ITEM NAME, APPROVED, CODE 2, ALL EXCEPT USA (NATO USE ONLY).*

Obligation	Data Element (DRN)	Description	Return Code	Container
C	Clear Text Characteristics Reply (4128)	1. Mode Code is A, B, E, F, G or J and Clear Text Characteristics Reply (DRN 4128) is not present	MI	Error
		2. Must be in accordance with DRN character set	IV	Error
OPTIONAL DATA ELEMENTS				
O	Operator (TBD)	1. If present, must be “AND” or “OR”	IV	Error
		2. Must be present if and only if more than one reply is present for an MRC string	IV	Error
O	Comment (TBD)	1. Must be in accordance with DRN character set (TBD)	IV	Error
O	Collaboration Id (TBD)	1. Must exist on NSPA tracking table	Place Holder 1	Error

Destination Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
OPTIONAL DATA ELEMENTS				
O	Operator (TBD)	1. If present, must be blank for the first Coded Reply (DRN 3465) value for an MRC and ISAC combination	IV	Error
		2. Only one Operator value can be provided for a single MRC and ISAC combination	IV	Error
O	Secondary Address Code (8990)	1. Must be linked to INC and MRC in FLIS Catalog Tools Table 121	TBD	Notification

O	Secondary Address Indicator Code (9485)	1. Must be linked to INC and MRC in FLIS Catalog Tools Table 121	TBD	Notification
ADDITIONAL DATA ELEMENT VALIDATION				
N/A	NIIN Status Code (2670)	1. NIIN Status Code is 4, 8 or 9 (cancelled without replacement)	HN	NSN (for submitted NSN) Error
		2. NIIN Status Code is 3, 5, 7 or 9 (cancelled with replacement)	NS	NSN (for submitted NSN) NSN (for replacement) Error

3.2.1.4 Add Image to NMCRL

This action is to replace the current NMCRL image management module for NCBs. Image format and size is defined by NMCRL as currently. Images added will be available to anyone with access to NMCRL.

Container	Maintain
Action	Add Image to NMCRL
Mandatory Data	PIC, NIIN, Image Name
Optional Data	n/a
Conditionally Mandatory Data	NCAGE, Reference Number

Business Rule Changes:

- Only one image on NIIN level and only one image per Reference is allowed
- Only NIIN owner is allowed to add image on NIIN level.
- If RNAAC is a registered user, only RNAAC is allowed to add image on Reference level on their respective References.
- If RNAAC is not a registered user, only NIIN owner is allowed to add image on the respective References
- Destination is always NSPA
- Image Name convention is: NIIN_1 or NCAGE_Reference Number_1
- If NCAGE and Reference number are present image is added to the Reference
- If NCAGE and Reference number are not present image is added to NIIN

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	PIC (2867)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2867	NEW0000
M	NIIN (4000)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4000	NEW0000
M	Image Name (TBD)	1. Must be present and in accordance with TBD	NEW0000
		2. Must only contain one image for the action	NEW0000
CONDITIONALLY MANDATORY DATA ELEMENTS			
C	NCAGE (4140)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4140	NEW0000
C	Reference Number (3570)	1. If present, must be in accordance with Sub-Section 553, DRN 3570	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	PIC (2867)	1. Must be 0	CM	Error
M	NIIN (4000)	1. Must be in NTIR	FN	Error
M	Image Name (TBD)	1. Image name must be in format: NIIN_1 or NCAGE_Reference Number_1	IV	Error
CONDITIONALLY MANDATORY DATA ELEMENTS				
C	NCAGE (4140)	1. If Reference Number is populated, must be present	MI	Error
		2. If present, must be in prescribed form per CodSP-3	IV	Error
C	Reference Number (3570)	1. If NCAGE is populated, must be present if	MI	Error
		2. Must be in accordance with DRN character set	IV	Error
ADDITIONAL DATA ELEMENT VALIDATION				
N/A	Reference (0846)	1. If NCAGE and Reference Number are submitted, Reference must be currently associated to NIIN	EC	Error
		2. If NCAGE and Reference Number are populated, Source must be a registered user of the NIIN	LV	Error
		3. If NCAGE and Reference Number are not populated, Source must be the NIIN owner	LV	Error
		4. If NCAGE and Reference Number are submitted, Source must be the RNAAC of the submitted Reference	LV	Error

3.2.2 Action – Change

3.2.2.1 Change Reference Related Codes

Container	Maintain
Action	Change Reference Related Codes
Mandatory Data (current data)	PIC, NIIN, NCAGE Code, Reference Number
Conditionally Mandatory Data (requested data to be changed)	DAC, RNCC, RNVC, RNFC, RNSC, RNJC, Attachment(s)
Optional Data	Collaboration Id, Comment(s)

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	PIC (2867)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2867	NEW0000
M	Reference Number (3570)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3570	NEW0000
M	NIIN (4000)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4000	NEW0000
M	NCAGE Code (4140)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4140	NEW0000
CONDITIONALLY MANDATORY DATA ELEMENTS			
C	DAC (2640)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2640	NEW0000
C	RNJC (2750)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2750	NEW0000
C	RNCC (2910)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2910	NEW0000
C	RNFC (2920)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2920	NEW0000

Obligation	Data Element (DRN)	Description	Return Code
C	RNSC (2923)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2923	NEW0000
C	RNVC (4780)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4780	NEW0000
C	Attachment (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
OPTIONAL DATA ELEMENTS			
O	Collaboration Id (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
O	Comment (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	PIC (2867)	1. Must be present on Sub-Section 553, Table 07	IV	Error
M	NIIN (4000)	1. Must be in NTIR	FN	Error
M	NCAGE Code (4140)	1. Must be in prescribed form per CodSP-3	IV	Error
M	Reference Number (3570)	1. Must be in accordance with DRN character set	IV	Error
CONDITIONALLY MANDATORY DATA ELEMENTS				
C	DAC (2640)	1. If RNCC, RNVC, RNSC and RNJC not submitted, must be present	MI	Error
		2. If present, must be present on Sub-Section 553, Table 05	IV	Error
C	RNJC (2750)	1. If present, must be present on Sub-Section 553, Table 06	IV	Error
		2. PIC is 0, RNJC not submitted and Reference (DRN 0846) matches to a different NIIN with RNCC other than 6	Place Holder 4	Error
		3. PIC is 0, RNJC not submitted and Reference (DRN 0846) matches to a different NIIN by association with RNCC other than 6	Place Holder 4	Error
		4. PIC is 0 and RNJC submitted	CM	Error
		5. Must be present if RNCC, RNVC, DAC, RNSC and RNFC not submitted	MI	Error

Obligation	Data Element (DRN)	Description	Return Code	Container
C	RNCC (2910)	1. If present, must be present on Sub-Section 553, Table 08	IV	Error
		2. Must be present if RNFC, RNVC, DAC, RNSC, and RNJC not submitted	MI	Error
C	RNFC (2920)	1. If present, must be “1”, “4” or “5”	IV	Error
		2. Must be present if RNCC, RNVC, DAC, RNSC and RNJC not submitted	MI	Error
C	RNSC (2923)	1. If present, must be present on Sub-Section 553, Table 14	IV	Error
		2. Must be present if RNCC, RNVC, DAC, RNFC and RNJC not submitted	MI	Error
C	RNVC (4780)	1. If present, must be present on Sub-Section 553, Table 12	IV	Error
		2. Must be present if RNCC, RNFC, DAC, RNSC and RNJC not submitted	MI	Error
		3. Extra Long Reference Number Indicator Code present with RNVC other than ”1”	UG	Error
C	Attachment(s) (TBD)	1. If PIC is not 0, must be present	MI	Error
OPTIONAL DATA ELEMENTS				
O	Collaboration Id (TBD)	1. Must exist on NSPA tracking table	Place Holder 1	Error
O	Comment (TBD)	1. Must be in accordance with DRN character set	IV	Error
ADDITIONAL DATA ELEMENTS				
N/A	Reference (0846)	1. Reference must already be registered in NTIR for the submitted NIIN	EC	Error
N/A	Source Code (TBD)	1. The Source matches the RNAAC in TIR or NSN user nation when RNAAC is not registered as a user	RS	Error

Destination Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	Reference Number (3570)	1. PIC is 0 and RNCC is 5 and the NIIN Type II is not 1, 4 or 2	CM	Error
		2. PIC is 0 and RNCC is 5 and the NIIN has an existing Reference with RNCC 1	CM	Error
		3. PIC is 0 and RNCC is 5 and RNVC is 2 and NIIN has an existing Reference with RNCC 2, RNVC 2	CM	Error
M	NCAGE Code (4140)	1. PIC is 0 and NCAGE is cancelled	CM	Error
CONDITIONALLY MANDATORY DATA ELEMENTS				
C	RNCC (2910)	1. PIC is 0 and RNCC is not 5 or 6	CM	Error
C	RNVC (4750)	1. PIC is 0 and RNVC is not 1, 2, 3 or 9	CM	Error
		2. PIC is 0 and RNCC is 5 and the RNVC is not 9 and NCAGE SD Code is C, E, F, H, U or W	EQ/TD	Notification

Obligation	Data Element (DRN)	Description	Return Code	Container
ADDITIONAL DATA ELEMENTS				
N/A	NIIN Status Code (2670)	1. NIIN Status Code is 4, 8 or 9 (cancelled without replacement)	HN	NSN (for submitted NSN) Error
		2. NIIN Status Code is 3, 5, 7 or 9 (cancelled with replacement)	NS	NSN (for submitted NSN) NSN (for replacement) Error

3.2.2.2 Change NSC / INC

Container	Maintain
Action	Change NSC and/or INC
Mandatory Data (current data)	PIC, NIIN, Attachment(s)
Mandatory Data (requested data to be changed)	Item Name Code, NSC
Conditionally Mandatory Data	Non Approved Item Name
Optional Data	Collaboration Id, Comment(s)

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	PIC (2867)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2867	NEW0000
M	NIIN (4000)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4000	NEW0000
M	Item Name Code (4080)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4080	NEW0000
M	NATO Supply Class (3990)	1. Must be present	NEW0000
		2. Must be in accordance with Sub-Section 543, DRN 3990	
M	Attachment (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
CONDITIONALLY MANDATORY DATA ELEMENTS			
C	Non-Approved Item Name (5020)	1. Must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 5020	NEW0000
OPTIONAL DATA ELEMENTS			
O	Collaboration Id (TBD)	1. Must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
O	Comment (TBD)	1. Must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	PIC (2867)	1. Must not be 0	CM	Error
M	NIIN (4000)	1. Must be in NTIR	FN	Error
M	Item Name Code (4080)	1. Must exist in ACodP-3 (H6) with Item Name Type Code 0 or 2(*),or be 77777	IV	Error
M	NATO Supply Class (3990)	1. Must exist in ACodP-2	IV	Error
		2. Must be valid NSC/INC combination (DLIS Table 099 NM_CD_FSC_XREF) within the Action	BZ	Error
CONDITIONALLY MANDATORY DATA ELEMENTS				
C	Non-Approved Item Name (5020)	1. Must be present, if and only if Item Name Code is “77777”	BZ	Error
		2. Must be in accordance with DRN character set	IV	Error
OPTIONAL DATA ELEMENTS				
O	Collaboration Id (TBD)	1. Must exist on NSPA tracking table	Place Holder 1	Error
O	Comment (TBD)	2. Must be in accordance with DRN character set	IV	Error
ADDITIONAL DATA ELEMENTS				
N/A	Source Code (TBD)	1. Submitter is not a registered user of the NIIN	LV	Error

(*) *Excerpt from FLIS Vol.12 DRN 3308: CODE 0, ITEM NAME, APPROVED, CODE 2, ALL EXCEPT USA (NATO USE ONLY).*

Destination Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
ADDITIONAL DATA ELEMENTS				
N/A	NIIN Status Code (2670)	1. NIIN Status Code is 4, 8 or 9 (cancelled without replacement)	HN	NSN (for submitted NSN) Error
		2. NIIN Status Code is 3, 5, 7 or 9 (cancelled with replacement)	NS	NSN (for submitted NSN) NSN (for replacement) Error

3.2.2.3 Change Characteristic Data

This action is used to change an existing characteristic of a NIIN.

Container	Maintain
Action	Change Characteristic Data
Mandatory Data	INC, PIC, NIIN, MRC, Mode Code, Attachment(s),
Conditionally Mandatory Data	Coded Reply, Clear Text Characteristics Reply
Optional Data	Secondary Address Code, Secondary Address Indicator Code, Operator, Collaboration Id, Comment(s)

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	PIC (2867)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2867	NEW0000
M	MRC (3445)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3445	NEW0000
M	NIIN (4000)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4000	NEW0000
M	Item Name Code (4080)	2. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4080	NEW0000
M	Mode Code (4735)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4735	NEW0000
M	Attachment (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
CONDITIONALLY MANDATORY DATA ELEMENTS			
C	Coded Reply (3465)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3465	NEW0000
C	Clear Text Characteristics Reply (4128)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4128	NEW0000

Obligation	Data Element (DRN)	Description	Return Code
OPTIONAL DATA ELEMENTS			
O	Secondary Address Code (8990)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 8990	NEW0000
O	Secondary Address Indicator Code (9485)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 9485	NEW0000
O	Operator (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
O	Collaboration Id (TBD)	1. Must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
O	Comment (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	PIC (2867)	1. Must not be 0	CM	Error
M	MRC (3445)	1. Must exist on the submitted NIIN	EC	Error
M	NIIN (4000)	1. Must be in NTIR	FN	Error
M	Item Name Code (4080)	2. Must be present in ACodP-3 (H6) with Item Name Type Code 0 or 2(*), or be 77777	IV	Error
M	Mode Code (4735)	1. Must be A, B, D, E, F, G, H, J, or L	IV	Error
		2. Must be linked to INC and MRC in FLIS Catalog Tools Table 121 within the Action		Error
CONDITIONALLY MANDATORY DATA ELEMENTS				
C	Coded Reply (3465)	1. Mode Code is D, H, J or L and Coded Reply (DRN 3465) is not present	MI	Error
C	Clear Text Characteristics Reply (4128)	1. Mode Code is A, B, E, F, G or J and Clear Text Characteristics Reply (DRN 4128) is not present	MI	Error
		2. Must be in accordance with DRN character set	IV	Error

(*) *Excerpt from FLIS Vol.12 DRN 3308: CODE 0, ITEM NAME, APPROVED, CODE 2, ALL EXCEPT USA (NATO USE ONLY).*

Obligation	Data Element (DRN)	Description	Return Code	Container
OPTIONAL DATA ELEMENTS				
O	Operator (TBD)	1. If present, must be “AND” or “OR”	IV	Error
		2. Must be present if and only if more than one reply is present for an MRC string	IV	Error
O	Collaboration Id (TBD)	1. Must exist on NSPA tracking table	Place Holder 1	Error
O	Comment (TBD)	1. Must be in accordance with DRN character set	IV	Error

Destination Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
CONDITIONALLY MANDATORY DATA ELEMENTS				
O	Secondary Address Code (8990)	1. Must be linked to INC and MRC in FLIS Catalog Tools Table 121	TBD	Notification
O	Secondary Address Indicator Code (9485)	1. Must be linked to INC and MRC in FLIS Catalog Tools Table 121	TBD	Notification
OPTIONAL DATA ELEMENTS				
O	Operator (TBD)	1. If present, must be blank for the first Coded Reply (DRN 3465) value for an MRC and ISAC combination	IV	Error
		2. Only one Operator value can be provided for a single MRC and ISAC combination	IV	Error

Obligation	Data Element (DRN)	Description	Return Code	Container
ADDITIONAL DATA ELEMENT VALIDATION				
N/A	NIIN Status Code (2670)	1. NIIN Status Code is 4, 8 or 9 (cancelled without replacement)	HN	NSN (for submitted NSN) Error
		2. NIIN Status Code is 3, 5, 7 or 9 (cancelled with replacement)	NS	NSN (for submitted NSN) NSN (for replacement) Error

3.2.3 Action – Delete

3.2.3.1 Delete User

Container	Maintain
Action	Delete User
Mandatory Data	PIC, NIIN
Optional Data	Collaboration Id

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	PIC (2867)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2867	NEW0000
M	NIIN (4000)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4000	NEW0000
OPTIONAL DATA ELEMENTS			
O	Collaboration Id (TBD)	1. Must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	PIC (2867)	1. Must be 0	CM	Error
M	NIIN (4000)	1. Must be in NTIR	FN	Error
		2. The first and second character must be the code of the processing NCB	AU	Error
OPTIONAL DATA ELEMENTS				
O	Collaboration Id (TBD)	1. Must exist on NSPA tracking table	Place Holder 1	Error

Destination Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
ADDITIONAL DATA ELEMENT VALIDATION				
M	SOURCE_CODE_(TBD)	1. The Source NCB must be user	NR	NSN Error

Obligation	Data Element (DRN)	Description	Return Code	Container
N/A	NIIN Status Code (2670)	1. NIIN Status Code is 4, 6, 8 (cancelled without replacement)	HN	NSN (for submitted NSN) Error
		2. NIIN Status Code is 3, 5, 7 (cancelled with replacement)	NS	NSN (for submitted NSN) NSN (for replacement) Error

3.2.3.2 Delete Reference

Container	Maintain
Action	Delete Reference
Mandatory Data	PIC, NIIN, NCAGE Code, Reference Number
Optional Data	Collaboration Id, Attachment(s), Comment(s)

Business Rule Changes

- Delete References will only be used for unintended errors so as to remove erroneous data from the database.

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	PIC (2867)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2867	NEW0000
M	Reference Number (3570)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3570	NEW0000
M	NIIN (4000)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4000	NEW0000
M	NCAGE Code (4140)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4140	NEW0000
OPTIONAL DATA ELEMENTS			
O	Attachment (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
O	Collaboration Id (TBD)	1. Must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
O	Comment (TBD)	1. Must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	PIC (2867)	1. Must not be 0	CM	Error
M	Reference Number (3520)	1. Must be in accordance with DRN character set	IV	Error
M	NIIN (4000)	1. Must be in NTIR	FN	Error
		2. The first and second character must be the code of the processing NCB	AU	Error
ADDITIONAL DATA ELEMENTS				
N/A	Reference (0846)	1. Reference must already be registered in NTIR for the submitted NIIN	DN	Error
O	Collaboration ID (TBD)	1. Must exist on NSPA tracking table	Place Holder 1	Error
O	Comment (TBD)	1. Must be in accordance with DRN character set	IV	Error

Destination Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
ADDITIONAL DATA ELEMENTS				
N/A	NIIN Status Code (2670)	1. NIIN Status Code is 4, 6, 8 or 9 (cancelled without replacement)	HN	NSN (for submitted NSN) Error
		2. NIIN Status Code is 3, 5, 7 or 9 (cancelled with replacement)	NS	NSN (for submitted NSN) NSN (for replacement) Error

3.2.3.3 Delete Characteristics Data

This container is used to delete an existing characteristic of a NIIN.

Container	Maintain
Action	Delete Characteristics Data
Mandatory Data (current data)	PIC, NIIN, MRC, Attachment(s)
Optional Data	Collaboration Id, Comment(s)

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	PIC (2867)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2867	NEW0000
M	MRC (3445)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3445	NEW0000
M	NIIN (4000)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4000	NEW0000
M	Attachment (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
OPTIONAL DATA ELEMENTS			
O	Collaboration Id (TBD)	1. Must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
O	Comment (TBD)	1. Must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	PIC (2867)	1. Must be present on Sub-Section 553, Table 07	IV	Error
		2. Must not be 0	CM	Error
M	NIIN (4000)	1. Must be in NTIR	FN	Error
		2. The first and second character must be the code of the processing NCB	AU	Error
M	MRC (3445)	1. Must exist on the submitted NIIN	DN	Error
OPTIONAL DATA ELEMENTS				
O	Collaboration ID (TBD)	1. Must exist on NSPA tracking table	Place Holder 1	Error
O	Comment (TBD)	1. Must be in accordance with DRN character set	IV	Error

Destination Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
ADDITIONAL DATA ELEMENTS				
N/A	NIIN Status Code (2670)	1. NIIN Status Code is 4, 6, 8 or 9 (cancelled without replacement)	HN	NSN (for submitted NSN) Error
		2. NIIN Status Code is 3, 5, 7 or 9 (cancelled with replacement)	NS	NSN (for submitted NSN) NSN (for replacement) Error

3.2.3.4 Delete Image from NMCRL

Container	Maintain
Action	Delete Image from NMCRL
Mandatory Data	PIC, NIIN, Image Name
Conditionally Mandatory Data	NCAGE Code, Reference Number

Business Rule Changes:

- Only NIIN owner is allowed to delete images on NIIN level.
- Only RNAAC is allowed to delete images on Reference level on their respective References.
  - If RNAAC is not a user NIIN owner is allowed to delete images on Reference level.
- Destination is always NSPA
- Automated process, no Attachment or Comments required.

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	PIC (2867)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2867	NEW0000
M	NIIN (4000)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4000	NEW0000
M	Image Name (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
CONDITIONALLY MANDATORY DATA ELEMENTS			
C	NCAGE Code (4140)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4140	NEW0000
C	Reference Number (3570)	1. If present, must be in accordance with Sub-Section 553, DRN 3570	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	PIC (2867)	1. Must be 0	CM	Error
M	NIIN (4000)	1. Must be in NTIR	FN	Error
		2. If NCAGE and Reference Number not provided, the first and second character must be the code of the Source NCB	AU	Error
CONDITIONALLY MANDATORY DATA ELEMENTS				
C	NCAGE Code (4140)	1. Must be present if Reference Number (DRN 3570) is provided	MI	Error
C	Reference Number (3570)	1. Must be present, if NCAGE Code (DRN 4140) is provided	MI	Error
		2. Must be in accordance with DRN character set	IV	Error
ADDITIONAL DATA ELEMENT VALIDATION				
N/A	Reference (0846)	1. Must be present in NMCRL	DN	Error
		2. If NCAGE Code (DRN 4140) and Reference Number (DRN 3570) is provided, Reference must already be recorded on submitted NIIN	DN	Error

Destination Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
NO DATA ELEMENTS				

3.3 Container – COLLABORATION

This container is to facilitate all collaboration requests required prior to cancelling a NSN.

Collaboration is designed to facilitate collaborative conversation to reach a conclusion for a NSN cancellation proposal.

115th MG agreed to a phased approach to Collaboration process:

1) **OCT Chat at implementation 01/2022**: a simple chat function in OCT to allow for collaborative discussions to solve cancellation proposals.

   The chat will function fully within OCT and there will be no interface to NDER data exchange. It will have a minimal amount of functionalities within the chat window. The NSN owner(s) and user(s) can all initiate the collaborative discussion. The end result will be to either find out which NSN will be replaced by which, someone has stocks to be depleted or there is no agreement to cancel.

2) **NDER with full detailed exchange**: the entire cancellation process will be moved into NDER automated data exchange. All nations are required to include collaborations in their codification tools with the business rules detailed in this chapter. This approach will allow for the final goal of capturing metrics within the exchange. OCT will not be used at all for this process.

   Timeline for phase 2 is to be decided by 116th **Main Group** in November 2019 based on the details provided in this chapter.

Based on the above, building NDER NSN Collaboration in national codification tools is not mandatory for NSN Collaboration Phase I 01/2022 implementation.

Furthermore, what is described below is most likely to be further detailed by NDER project. **However, it is to be noted that the business rules stated in the below** actions represent the high level logic of the collaboration discussion exchange and as such **should enable nations to proceed in estimating the timeline for phase 2 implementation.**

3.3.1 Action – Collaborate to Cancel NSN without Replacement

This Action is not required for NSN Collaboration Phase I 01/2022 implementation. It is part of Phase II and the timeline for the requirement to have it in tools is to be decided by Main Group.

Container	Collaborate
Action	Collaborate to Cancel NSN without Replacement
Mandatory Data	PIC, Collaboration Id, NIIN, Reason Code for proposed cancellation of NSN
Conditionally Mandatory Data	Comment
Optional Data	Attachment(s)

Business rules:

- Only NSN owner of proposed NSN to be cancelled will initiate the Collaboration Cancel NSN Without Replacement

- Initial and each follow-on Status to the collaboration request will be sent to the users at the time NSPA processes the request or status
- Each nation shall have visibility of all nations involved in the collaboration
    - NSPA distributes to the users, except the owner
- Countries may reply with the following responses:
    - Concur: NCB agrees to the proposal
        - Comment is optional
    - Non-concur: NCB does not agree to the proposal
        - Comment is mandatory
- Countries may send attachments in a reply
- All replies shall go to initiator and NSPA will distribute to all collaborating nations
- If user does not reply to collaboration with 'Concur' or 'Non-concur' their national codification software will automatically send an (Auto) Concur reply the end of the collaboration timeframe
- The initiator must send out the final status (Container Status) within 7 days after a collaboration request closes
    - A collaboration stops once all nations "Concur" **or** there is a "Non-Concur" **or** there is a new user added to the NSN
- NSN owner will delete any remaining users at the time of cancellation

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	PIC (2867)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2867	NEW0000
M	NIIN (4000)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4000	NEW0000
M	Reason Code for proposed cancellation of NSN (6998)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 6998	NEW0000
M	Collaboration Id (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
CONDITIONALLY MANDATORY DATA ELEMENTS			
C	Comment (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
OPTIONAL DATA ELEMENTS			
O	Attachment (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	PIC (2867)	1. Must be present on Sub-Section 553, Table 07	IV	Error
		2. Must not be 0	CM	Error
M	NIIN (4000)	1. Must be in NTIR	FN	Error
M	SOURCE_CODE	1. Must be user of the NIIN or the owner of the NIIN	Place Holder 3	Error
M	Reason Code for proposed cancellation of NSN (6998)	1. Must be present on Sub-Section 553, Table 136	IV	Error
M	Collaboration ID (TBD)	1. Must exist on NSPA tracking table	Place Holder 1	Error
CONDITIONALLY MANDATORY DATA ELEMENTS				
C	Comment (TBD)	1. Required if Reason Code (DRN 6998) is “F”	MI	Error
		2. Must be in accordance with DRN character set	IV	Error

Destination Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				

3.3.2 Action – Collaborate to Cancel NSN with Replacement

This Action is not required for NSN Collaboration Phase I 01/2022 implementation. It is part of Phase II and the timeline for the requirement to have it in tools is to be decided by Main Group.

Container	Collaborate
Action	Collaborate to Cancel NSN with Replacement
Mandatory Data	Collaboration Id, NIIN (retained NIIN)(*), proposed NIIN Status Code(s) for each cancelled NIIN, Proposed Cancelled NIIN(s), Reason Code for proposed cancellation of NIIN
Conditionally Mandatory Data	Comment
Optional Data	Attachment(s)

Business rules:

- Both NSN owners and users of proposed to be cancelled and proposed to be retained NSN can initiate the Collaboration Cancel NSN With Replacement
  - Initiator will send to the NSN owner of the proposed cancelled NSN
- Identify the proposed retained NSN and the proposed cancelled NSN(s) (To handle situations where more than one NSN will be cancelled to a single NSN, such as kits or assemblies)
- NIIN Status Code shall be repeatable for each Proposed NSN to be cancelled
- Initial and each follow-on Status to the collaboration request will be sent to the owners and users of both the proposed cancelled and proposed retained NSN at the time NSPA processes the request or status
- Each nation shall have visibility of all nations involved in the collaboration
  - NPSA distributes the collaboration to all users and owners (except initiator)
  - NSPA distributes Container Notification to all users, owners and initiator to provide a list of collaborating nations
- Countries may reply with the following responses:
  - Concur: NCB agrees to the proposal
    - Comment is optional
  - Non-concur: NCB does not agree to the proposal
    - Comment is mandatory
  - Stipulation: NCB has actions that must be completed before NCB will concur, NCB has an alternate proposal, or NCB has questions or concerns to be addressed before a final response will be provided
    - Comment is mandatory
    - This is considered a reply (no auto-concur will generate), but not a final response
    - The initiating nation change the due date from 60 days to 120 days for the NCBs to handle any actions, questions and/or research
      - Both the original and revised timeframe will be tracked
    - References that must be manually reviewed shall be discussed through a stipulation in the collaboration process and sent as an Add Reference Action
  - Stock: NCB concurs to the proposal, but has stock on hand which must be diminished prior to cancellation

(*) *The previous version stated NIIN to mean the cancelled NIIN. Because of changes to allow for cancelling multiple NIINs for one retained NIIN we had to switch NIIN to mean the retained NIIN. It also allows to keep the logic of one Container representing one NIIN.*

    - Flip: The initiator acknowledges collaborating nations believe the cancelation should go another direction (a different proposed retained NSN)
        - Initiator will send a Collaboration Status
            - Initiator will update the Proposed Cancelled NSN(s) and Proposed Retain NSN
            - Initiator will update the NIIN Status Code as necessary for each Proposed Cancelled NSN
            - The initiating nation change the due date from 60 days to 120 days for the NCBs to handle any actions, questions and/or research
                - Both the original and revised timeframe will be tracked
        - Previous final responses are ignored. Each NCB must respond with a final response.
    - Information: NCB has information to share that is not a final advice or stipulation
        - Not considered a formal response
        - Auto-concur will persist
- Countries may send attachments in a reply
- All replies shall go to initiator and NSPA will distribute all all collaborating nations
- The most recently sent reply by a nation is considered to be their official reply, except when Return Code is “Information”
    - Allows for a nation to change a decision if new information is provided by another nation
- If user does not reply to collaboration with ‘Concur’, ‘Non-concur’, ‘Stock’ or ‘Stipulation’, their national codification software will automatically send an (Auto) Concur reply the end of the original collaboration timeframe, not only concurring but also indicating no preference in the order of the cancellation
- Nations who have stock on-hand shall reply with ‘Stock’
- Once all collaborating nations’ most recently sent response is ‘Concur’, ‘Non-concur’ or ‘Stock’, the initiator must send out the final status (Container Status) within 7 days, which closes the collaboration request
- Countries shall not close their collaboration request at a domestic level until the initiator has sent a final status to all collaborating nations or they have removed themselves as a user from all NSNs involved in the collaboration request
    - Rationale: this ensures nations have the ability to modify their response based upon follow-on comments and supporting documentation.
- A collaboration is not closed until all collaborating nations have replied with “Concur”, “Non-concur” or “Stock”
    - If at least one “Non-Concur”, no further action will be required at the end of collaboration
    - If no “Non-Concur” and at least one “Stock”, then the NSN owner of the proposed cancelled NSN will change the NIIN Status Code to ‘9’ and add ‘INTE8’ reference and related codes
- Collaboration is closed by the Initiator sending a ‘Concur’, ‘Non-Concur’ or ‘Stock’ within Container Status with Collaboration ID.
- If at any point during the collaboration a new user that is not already part of the collaboration requests to be added to an NSN included in the collaboration,
    - If the request does not contain a Collaboration Id,
        - NSPA sends Container Error with the Collaboration Id, responses will be added to comments to include the nation, timestamp, status and comment
        - Attachments will not be forwarded
    - If the request contains a Collaboration Id,
        - The request will pass the central validation
        - NSN owner will process the Add User request
        - NSN owner will send Container Status ‘Stipulation’ with comment to state a new user was added to the NSN
            - NSN owner is required to still send ‘Concur’, ‘Non-concur’, ‘Stock’
- Users and references at the time of cancellation will occur as follows:
    - NSN owner will delete any remaining users at the time of cancellation

- Add users may be sent as an Add User Action at national discretion

References that may be processed without manual review may be sent as an Add Reference Action at national discretion

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	Proposed NIIN Status Code (2670)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2670	NEW0000
M	PIC (2867)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2867	NEW0000
M	NIIN (4000)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4000	NEW0000
M	Reason Code for proposed cancellation of NSN (6998)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 6998	NEW0000
M	Replacement NSN, Cancellation (8875)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 8875	NEW0000
M	Collaboration Id (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
CONDITIONALLY MANDATORY DATA ELEMENTS			
C	Comment (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
OPTIONAL DATA ELEMENTS			
O	Attachment (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	PIC (2867)	1. Must be present on Sub-Section 553, Table 07	IV	Error
		2. Must not be 0	CM	Error
M	NIIN (4000)	1. Must be in NTIR	FN	Error
		2. Destination NCB must be the owner of either NIIN and/or a user of the NIIN to be cancelled	Place Holder 3	Error
M	Replacement NSN, Cancellation (8875)	1. Must be in NTIR	FN	Error
M	Reason Code for proposed cancellation of NSN (6998)	1. Must be present on Sub-Section 553, Table 136	IV	Error
M	Collaboration ID (TBD)	1. Must exist on NSPA tracking table	Place Holder 1	Error
CONDITIONALLY MANDATORY DATA ELEMENTS				
C	Comment (TBD)	1. Required if Reason Code (DRN 6998) is “F”	MI	Error
		2. Must be in accordance with DRN character set	IV	Error

Destination Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	Proposed NIIN Status Code (2670)	1. Proposed NIIN Status Code is 3, 5, 7	IV	Error

3.4 Container – INTERROGATE

INTERROGATE is used for interrogation purposes only. There are two different Actions for Container Interrogate:

- NSN Data - updates NIIN data to the Source (requestor) from Destination NCB/NSPA
- Request Status - inquire the destination NCB as to what is the status of a Message/Container/Action.

Interrogate Action is always systemically processed by codification tool and therefore has Priority Indicator Code PIC 0, for which timeframe is 3 days (currently 7 days per ACodP-1, 435.3.3).

3.4.1 Action - Interrogate NSN Data

This action is directed to the NIIN owning NCB or NSPA. As a result, the response (Container NSN) contains the latest NIIN record from owning NCB's domestic codification database or NTIR database when NSPA is the Destination of the action.

When interrogated NIIN is cancelled without replacement the Source will receive the Destination's/NSPA's cancelled NIIN record.

When interrogated NIIN is cancelled with replacement the Source will receive the Destination's/NSPA's cancelled NIIN record and the replacement NIIN. The Source will then make a new Interrogation on the replacement NIIN to owning NCB.

Container	Interrogate
Action	Interrogate NSN Data
Mandatory Data	PIC, NIIN
Optional Data	N/A

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	PIC (2867)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2867	NEW0000
M	NIIN (4000)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4000	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	PIC (2867)	1. Must be 0	CM	Error
M	NIIN (4000)	1. Must be in TIR	FN	Error

Destination Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
ADDITIONAL DATA ELEMENTS				
N/A	NIIN (4000)	1. The NSN is handled by the Nuclear Ordnance Agency	XA	Error

3.4.2 Action – Interrogate Request Status

Container	Interrogate
Action	Interrogate Request Status
Mandatory Data	PIC
Conditionally Mandatory Data	Message ID (of the original Message), Collaboration Id
Optional Data	Container Serial Number (of the original Message), Action Serial Number (of the original Message)

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	PIC (2867)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2867	NEW0000
CONDITIONALLY MANDATORY DATA ELEMENTS			
C	Message ID (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
C	Collaboration ID (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
OPTIONAL DATA ELEMENTS			
O	Action Serial Number (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
O	Container Serial Number (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	PIC (2867)	1. Must be 0	CM	Error
CONDITIONALLY MANDATORY DATA ELEMENTS				
C	Message ID (TBD)	1. Must be present if Collaboration Id is not present	MI	Error
		2. Must exist on NSPA tracking table	Place Holder 2	Error
C	Collaboration ID (TBD)	1. Must be present if Message Id is not present	MI	Error
		2. Must exist on NSPA tracking table	Place Holder 1	Error
OPTIONAL DATA ELEMENTS				
O	Action Serial Number (TBD)	1. Must exist on NSPA tracking table	Place Holder 2	Error
O	Container Serial Number (TBD)	1. Must be present if Action Serial Number populated	MI	Error
		2. Must exist on NSPA tracking table	Place Holder 2	Error

Destination Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
NO DATA ELEMENTS				

3.5 Container - REINSTATE

3.5.1 Action - Reinstate NIIN and Register User

Reinstate is used to reactivate a cancelled NSN and adding the requestor as a user

Container	Reinstate
Action	Reinstate NIIN
Mandatory Data	DAC, Item Name Code, NCAGE Code, NIIN, NSC, PIC, Reference Number, RNCC, RNFC, RNVC, RNSC, TIIC
Conditionally Mandatory Data	Clear Text Characteristics Reply, Coded Reply, Non-Approved Item Name
Optional Data	Attachment(s), Comment(s), Combined Nomenclature Code, Controlled Inventory Item Control, CPV, Demilitarization Code, Demilitarization Integrity Code, GTIN, Harmonized System Code, Item Type Storage Code, Mode Code, MRC, NATO Codification Project Code, NATO Currency Code, Operator, Quantity Per Assembly, Quantity Per Unit Pack, Reportable Item Code(RIC), RNAAC, RNJC, RPDMRC, Schedule B, Secondary Address Code, Secondary Address Indicator Code, Shelf Life Code, UID Country, UID Flag, Unit of Issue Code, Unit Price, UNSPSC, Unit Pack Cube, Unit Pack Size, Unit Pack Weight, Unpackaged Item Dimensions, Unpackaged Item Weight, Web URL

Business Rule Changes:

- Today NSPA does not retain NIIN history
  - For the future, NSPA retains NSN history on all NSNs regardless of current status
- Nations are expected to retain Cancelled NIIN data on national TIR
- If there is INC = 77777, Non Approved Item Name becomes Mandatory

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	DAC (2640)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2640	NEW0000
M	PIC (2867)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2867	NEW0000
M	RNCC (2910)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2910	NEW0000
M	RNFC (2920)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2920	NEW0000

Obligation	Data Element (DRN)	Description	Return Code
M	RNSC (2923)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2923	NEW0000
M	Reference Number (3570)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3570	NEW0000
M	NSC (3990)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3990	NEW0000
M	NIIN (4000)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4000	NEW0000
M	Item Name Code (4080)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4080	NEW0000
M	NCAGE Code (4140)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4140	NEW0000
M	RNVC (4780)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4780	NEW0000
M	TIIC (4820)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4820	NEW0000
CONDITIONALLY MANDATORY DATA ELEMENTS			
C	Coded Reply (3465)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3465	NEW0000
C	Clear Text Characteristics Reply (4128)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4128	NEW0000
C	Non-Approved Item Name (5020)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 5020	NEW0000
OPTIONAL DATA ELEMENTS			
O	Quantity Per Assembly (0106)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 0106	NEW0000
O	Demilitarization Integrity Code (0138)	1. If present, must be in accordance FLIS Technical Procedures, Volume 12, DRN 0138	NEW0000

Obligation	Data Element (DRN)	Description	Return Code
O	Demilitarization Code (0167)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 0167	NEW0000
O	Schedule B (0435)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 0435	NEW0000
O	NATO Currency Code (0856)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 0856	NEW0000
O	NATO Codification Project Code (1057)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 1057	NEW0000
O	RNJC (2750)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2750	NEW0000
O	Controlled Inventory Item Control (2863)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2863	NEW0000
O	RNAAC (2900)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2900	NEW0000
O	Shelf-Life Code (2943)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2943	NEW0000
O	Unit of Issue Code (3050)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3050	NEW0000
O	MRC (3445)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3445	NEW0000
O	Mode Code (4735)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4735	NEW0000
O	RPDMRC (4765)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4765	NEW0000
O	Unit Pack Weight (5153)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 5153	NEW0000

Obligation	Data Element (DRN)	Description	Return Code
O	Unit Pack Size (5154)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 5154	NEW0000
O	Unit Pack Cube (5155)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 5155	NEW0000
O	Item Type Storage Code (5156)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 5156	NEW0000
O	Unpackaged Item Weight (5157)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 5157	NEW0000
O	Unpackaged Item Dimensions (5158)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 5158	NEW0000
O	Quantity Per Unit Pack Code – QUPC (6106)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 6106	NEW0000
O	Unit Price (7075)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 7075	NEW0000
O	Web URL (8021)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 8021	NEW0000
O	Secondary Address Code (8990)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 8990	NEW0000
O	Secondary Address Indicator Code (9485)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 9485	NEW0000
O	Harmonized System Code (9571)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 9571	NEW0000
O	RIC (9572)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 9572	NEW0000
O	UNSPSC (9574)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 9574	NEW0000

Obligation	Data Element (DRN)	Description	Return Code
O	CPV (9569)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 9569	NEW0000
O	Combined Nomenclature Number (TBD)	1. If present, must be in accordance with Sub-Section 543, DRN TBD	NEW0000
O	Operator (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
O	Attachment(s) (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
O	Comment(s) (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
O	GTIN (8629)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 8629	NEW0000
O	UID Country (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
O	UID Flag (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	PIC (2867)	1. Must be present on Sub-Section 553, Table 07	IV	Error
		2. Must not be 0	CM	Error
M	RNCC (2910)	1. Must be present on Sub-Section 553, Table 08	IV	Error
		2. At least one RNCC must be 1, 2, 3 or 4.	NEW	Notification
M	RNFC (2920)	1. Must be 1, 4 or 5	IV	Error
M	RNSC (2923)	1. Must be present on Sub-Section 553, Table 14	IV	Error
M	Reference Number (3570)	1. Must be valid RNCC-RNVC combination Sub-Section 232.4	BZ	Notification
		2. Must be in accordance with DRN character set	IV	Error
M	NSC (3990)	1. Must exist in ACodP-2 (H2)	IV	Error
	NIIN (4000)	1. Must be in NTIR	FN	Error
		2. The first and second character must be the code of the processing NCB	AU	Error
M	Item Name Code (4080)	1. Must be present in ACodP-3 (H6) with Item Name Type Code 0 or 2(*), or be 77777	IV	Error

(*) *Excerpt from FLIS Vol.12 DRN 3308: CODE 0, ITEM NAME, APPROVED, CODE 2, ALL EXCEPT USA (NATO USE ONLY).*

Obligation	Data Element (DRN)	Description	Return Code	Container
M	NCAGE Code (4140)	1. Must be in prescribed form per CodSP-3	IV	Error
		2. Must correspond to the destination activity code	IV	Error
M	RNVC (4780)	1. Must be present on Sub-Section 553, Table 12	IV	Error
		Extra Long Reference Number Indicator Code present with RNVC other than ”1”	BZ OR IV	Error
M	TIIC (4820)	1. Must be present on Sub-Section 553, Table 10	IV	Error
CONDITIONALLY MANDATORY DATA ELEMENTS				
C	Coded Reply (3465)	1. If Mode Code is D, H, J or L, must be present	MI	Error
C	Clear Text Characteristics Reply (4128)	1. Mode Code is A, B, E, F, G or J, must be present	IV	Error
		2. Must be in accordance with DRN character set	IV	Error
C	Non-Approved Item Name (5020)	1. Must be present if and only if Item Name Code (DRN 4080) is “77777”	BZ	Error
		2. Must be in accordance with DRN character set	IV	Error
OPTIONAL DATA ELEMENTS				
O	Demilitarization Integrity Code (0138)	1. If present, must be present on FLIS Procedures Volume 10, Table 216	IV	Error
O	Demilitarization Code (0167)	1. If present, must be present on Sub-Section 553, Table 41	IV	Error
O	NATO Project Code (1057)	1. If present, must be present in CodSP-72	IV	Error

Obligation	Data Element (DRN)	Description	Return Code	Container
O	RNJC (2750)	1. If present, must be present on Sub-Section 553, Table 06	IV	Error
O	Controlled Inventory Item Control (2863)	1. If present, must be present on Sub-Section 553, Table 34	IV	Error
O	Shelf-Life Code (2943)	1. If present, must be present on Sub-Section 553, Table 29	IV	Error
O	Unit of Issue Code (3050)	1. If present, must be present on Sub-Section 553, Table 31	IV	Error
O	IUID Indicator (3585)	1. If present, must be yes or no	IV	Error
O	RPDMRC (4765)	1. If present, must be present on Sub-Section 553, Table 11	IV	Error
O	Unit Pack Weight (5153)	1. If present, must be present on FLIS Procedures Volume 10, Table 182	IV	Error
O	Unit Pack Size (5154)	1. If present, must be present on FLIS Procedures Volume 10, Table 182	IV	Error
O	Unit Pack Cube (5155)	1. If present, must be present on FLIS Procedures Volume 10, Table 182	IV	Error
O	Item Type Storage Code (5156)	1. If present, must be present on FLIS Procedures Volume 10, Table 182	IV	Error
O	Unpackaged Item Weight (5157)	1. If present, must be present on FLIS Procedures Volume 10, Table 182	IV	Error

Obligation	Data Element (DRN)	Description	Return Code	Container
O	Unpackaged Item Dimensions (5158)	1. If present, must be present on FLIS Procedures Volume 10, Table 182	IV	Error
O	Unit Price (7075)	1. If present, must be present on FLIS Procedures Volume 10, Table 97	IV	Error
O	Comment (TBD)	1. Must be in accordance with DRN character set	IV	Error
O	Operator (TBD)	1. If present, must be “AND” or “OR”	IV	Error
		2. Must be present if and only if more than one reply is present for an MRC string	IV	Error

Destination Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
ADDITIONAL DATA ELEMENTS				
N/A	NIIN Status Code (2670)	1. Proposed NIIN Status Code is 3, 4, 5, 6, 7, 8, 9	IV	Error
	Operator (TBD)	1. If present, must be blank for the first Coded Reply (DRN 3465) value for an MRC and ISAC combination	IV	Error
		2. Only one Operator value can be provided for a single MRC and ISAC combination	IV	Error

4. OUTBOUND

Four different Outbound Container types are provided either against Inbound Requests or because of Unsolicited Change processed. Those are **NSN**, **ERROR**, **STATUS** and **NOTIFICATION**. No Actions are specified for the Outbound NSN XML part.

Each Container has Data Validation tables under it that describe the Mandatory, Conditionally Mandatory and Optional Data Elements for that Container. These tables identify the validations on two levels: Schema and Central Validations. All validations are based on the tables below.

- **Schema Validations:** NSPA performs the system level check against schema format regulations in NACOMS. SV failure results in the full message rejected back to the submitter.
- **Central Validations**: NSPA performs checks on Data Element validity against ACodP-1 tables. In case of an error, the data to be rejected is determined by the message layer that contains a validation error as defined in 2.3 B.

Every Message is subject to Schema and Central Validations on IDs and Container/Action Serial Numbers. The following Schema and Central Validations are common for all Inbound Messages.

NDER will provide a new Return Code table to cover all required Error, Notification and Requested Status Codes. It will be a combination of existing codes in Tables 02 Return Code, 26 Transaction Status Code, 130 Reason for Return/Notification Code and 138 B) Reason Codes for Process Stage. Only the codes pertinent to NDER data exchange will be retained and new codes will be created where the existing ones are not sufficient.

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	Source (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
M	Destination (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
M	Transaction Date/Time Stamp (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
M	Message Serial Number (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
M	Container Serial Number (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	Message Serial Number (TBD)	1. Must be unique and incremented by one per Destination NCB		Error
M	Container Serial Number (TBD)	1. Must be unique and incremented by one within a Message		Error
M	Transaction Date Time (TBD)	1. Must be prior to the receipt date of the message		Error

4.1 Container – NSN

This container serves two different purposes, unsolicited changes and as a positive response to the Actions within Inbound Container Create, Maintain, Reinstate and Interrogate (NSN Data Interrogation only).

Container	NSN
Mandatory Data	Item Name Code, NIIN, NIIN Assignment Date, NIIN Last Update Date, NIIN Status Code, NSC, TIIC
Conditionally Mandatory Data	Message ID (original request), Container Serial Number (original Request), Action Serial Number (original Request)
Optional Data	Clear Test Characteristics Reply, Coded Reply, DAC, Combined Nomenclature Code, Common Procurement Vocabulary (CPV), Controlled Inventory Item Code, Demilitarization Code, Demilitarization Integrity Code, GTIN, Harmonized System Code, User Country, Item Type Storage Code, Mode Code, MRC, NATO Codification Project Code, NATO Currency Code, Non Approved Item Name - NAIN , NCAGE Code, Operator, Quantity Per Assembly, Quantity Per Unit Pack Code, Reference Number, Replacement NSN, Reportable Item Code (RIC), RNAAC, RNCC, RNFC, RNJC, RNSC, RNVC, RPDMRC, Schedule B, Secondary Address Code, Secondary Address Indicator Code, Shelf Life Code, UID Country, UID Flag, United National Standard Products Services Code (UNSPSC), Unit of Issue Code, Unit Pack Cube, Unit Pack Size, Unit Pack Weight, Unit Price, Unpackaged Item Dimensions, Unpackaged Item Weight, Web URL

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	Date, NIIN Assignment (2180)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2180	NEW0000
M	NIIN Status Code (2670)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2670	NEW0000
M	NATO Supply Class (3990)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3990	NEW0000
M	NIIN (4000)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4000	NEW0000
		2. The first two positions must match Source	NEW0000
M	Item Name Code (4080)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4080	NEW0000

Obligation	Data Element (DRN)	Description	Return Code
M	TIIC (4820)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4820	NEW0000
CONDITIONALLY MANDATORY DATA ELEMENTS			
C	Message Id (original Request)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
C	Container Serial Number (original Request)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
C	Action Serial Number (original Request)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
OPTIONAL DATA ELEMENTS			
O	Quantity Per Assembly (0106)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 0106	NEW0000
O	Demilitarization Integrity Code (0138)	1. If present, must be in accordance with FLIS Procedures, Voulme 12, DRN 0138	NEW0000
O	Demilitarization Code (0167)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 0167	NEW0000
O	Schedule B (0435)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 0435	NEW0000
O	NATO Currency Code (0856)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 0856	NEW0000
O	DAC (2640)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2640	NEW0000
O	RNJC (2750)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2750	NEW0000
O	Controlled Inventory Item Control (2863)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2863	NEW0000
O	Reference Number Action Activity Code - RNAAC (2900)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2900	NEW0000

Obligation	Data Element (DRN)	Description	Return Code
O	Reference Number Category Code - RNCC (2910)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2910	NEW0000
O	Reference Number Format Code - RNFC (2920)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2920	NEW0000
O	Reference Number Status Code - RNSC (2923)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2923	NEW0000
O	Shelf-Life Code (2943)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 2943	NEW0000
O	Unit of Issue Code (3050)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3050	NEW0000
O	MRC (3445)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3445	NEW0000
O	Coded Reply (3465)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3465	NEW0000
O	Reference Number (3570)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 3570	NEW0000
O	Clear Text Characteristics Reply (4128)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4128	NEW0000
O	NCAGE Code (4140)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4140	NEW0000
O	RPDMRC (4765)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4765	NEW0000
O	Reference Number Variation Code – RNVC (4780)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 4780	NEW0000
O	Non-Approved Item Name – NAIN (5020)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 5020	NEW0000

Obligation	Data Element (DRN)	Description	Return Code
O	Unit Pack Weight (5153)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 5153	NEW0000
O	Unit Pack Size (5154)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 5154	NEW0000
O	Unit Pack Cube (5155)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 5155	NEW0000
O	Item Type Storage Code (5156)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 5156	NEW0000
O	Unpackaged Item Weight (5157)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 5157	NEW0000
O	Unpackaged Item Dimensions (5158)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 5158	NEW0000
O	Quantity Per Unit Pack Code – QUPC (6106)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 6106	NEW0000
O	Unit Price (7075)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 7075	NEW0000
O	Web URL (8021)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 8021	NEW0000
O	Replacement NSN (8875)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 8875	NEW0000
O	Harmonized System Code (9571)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 9571	NEW0000
O	Reportable Item Code (9572)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 9572	NEW0000
O	UNSPSC (9574)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 9574	NEW0000

Obligation	Data Element (DRN)	Description	Return Code
O	CPV (9569)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN 9569	NEW0000
O	3 Letter ISO Country Code (DRN TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, DRN TBD	NEW0000
O	IUID Indicator (FLIS 3585)	1. If present, must be in accordance with FLIS Technical Procedures Volume 12, DRN 3585	NEW0000
O	IUID Country (???)	1. If present, must be in accordance with FLIS Technical Procedures Volume 12, DRN ???	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
C	Message Id (original Request)(TBD)	1. Required if Container Serial Number or Action Serial Number is populated	MI	Error
		2. If populated, must match to an original Message Id, Container Serial Number, Action Serial Number combination	Place Holder 2	Error
C	Container Serial Number (original Request)(TBD)	1. Required if Message Id or Action Serial Number is populated	MI	Error
		2. If populated, must match to an original Message Id, Container Serial Number, Action Serial Number combination	Place Holder 2	Error
C	Action Serial Number (original Request)(TBD)	1. Required if Message Id or Container Serial Number is populated	MI	Error
		2. If populated, must match to an original Message Id, Container Serial Number, Action Serial Number combination	Place Holder 2	Error
O	Clear Text Characteristics Reply (4128)	1. Must be in accordance with DRN character set	IV	Error
O	Non-Approved Item Name – NAIN (5020)	1. Must be in accordance with DRN character set	IV	Error
O	Reference Number (3570)	1. Must be in accordance with DRN character set	IV	Error

4.2 Container – ERROR

NCB/NSPA sends out Container Error either as a negative processing response to the Actions within Inbound Container Create, Maintain, Reinstate or as result of central and/or destination validations.

There will be the ability to pass back more than one error within one Error Container.

Container	Error
Mandatory Data	Message ID (original Request), Return Code
Optional Data	Action Serial Number (original Request), Comment, Container Serial Number (original Request), Data Element, Data Element Value

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	Inbound Message Id (original Request) (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, TBD	NEW0000
M	Return Code (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, TBD	NEW0000
OPTIONAL DATA ELEMENTS			
O	Inbound Container Serial Number (original Request) (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, TBD	NEW0000
O	Inbound Action Serial Number (original Request) (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, TBD	NEW0000
O	Data Element (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, TBD	NEW0000
O	Data Element Value (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, TBD	NEW0000
O	Comment	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, TBD	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	Message Id (original Request)(TBD)	1. Must match to an original Message Id	Place Holder 2	Error
M	Return Code (TBD)	1. Must exist on table TBD	IV	Error
OPTIONAL DATA ELEMENTS				
O	Action Serial Number (original Request)(TBD)	1. Must match to an original Message Id, Container Serial Number, Action Serial Number combination	Place Holder 2	Error
O	Container Serial Number (original Request)(TBD)	1. Must match to an original Message Id, Container Serial Number, Action Serial Number combination	Place Holder 2	Error
O	Data Element Value (TBD)	1. Must be in accordance with DRN character set	IV	Error
O	Comment	1. Must be in accordance with DRN character set	IV	Error

4.3 Container – NOTIFICATION

NCB/NSPA sends out Container Notification as a notification to a change or a non-fatal error to the Actions within Inbound Container Create, Maintain, Collaborate, Reinstate or Interrogate.

Container	Notification
Mandatory Data	Message ID (original Request), Container Serial Number (original Request), Action Serial Number (original Request), Return Code, Data Element
Optional Data	Comment, Data Element Value

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	Message Id (original Request) (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, TBD	NEW0000
M	Container Serial Number (original Request) (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, TBD	NEW0000
M	Action Serial Number (original Request) (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, TBD	NEW0000
M	Return Code (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, TBD	NEW0000
M	Data Element (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, TBD	NEW0000
OPTIONAL DATA ELEMENTS			
O	Data Element Value (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, TBD	NEW0000
O	Comment (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, TBD	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	Message Id (original Request)	1. Must match to an original Message Id, Container Serial Number, Action Serial Number combination	Place Holder 2	Error
M	Container Serial Number (original Request)	1. Must match to an original Message Id, Container Serial Number, Action Serial Number combination	Place Holder 2	Error
M	Action Serial Number (original Request)	1. Must match to an original Message Id, Container Serial Number, Action Serial Number combination	Place Holder 2	Error
M	Return Code (TBD)	1. Must exist on table TBD	IV	Error
OPTIONAL DATA ELEMENTS				
O	Data Element Value (TBD)	1. Must be in accordance with DRN character set	IV	Error
O	Comment	1. Must be in accordance with DRN character set	IV	Error

4.4 Container –STATUS

Outbound Container Status is sent back as a response to the Inbound Container Interrogate, Action Request Status and each Action within Container Collaborate.

If the inbound Action Interrogate Request Status contains only a Message Id, then the Status response will provide status for every Container Serial Number and Action Serial Number that falls under that Message ID.

If the Inbound Action Interrogate Request Status contains a Message Id and Container Serial Number combination, then the Status response will provide status for every Action Serial Number that falls under that Message ID and Container Serial Number combination.

If the inbound Action Interrogate Request Status contains a Message ID, Container Serial Number and Action Serial Number combination, then the Status response will provide status for that specific Message ID, Container Serial Number and Action Serial Number combination only.

If the original request was already processed, the response must be accompanied by:

- Outbound Container NSN, in case of positive processing response
- Outbound container Notification, in case of positive processing response with informative notification
- Outbound container Error, in case of negative processing response.

Container	Status
Element Actioned	Previously sent Inbound Message/Container/Action
Mandatory Data	Return Code
Conditionally Mandatory Data	Message ID (original request), Container Serial Number (original request), Action Serial Number (original request), Collaboration Id
Optional Data	Comment

Schema Validations

Obligation	Data Element (DRN)	Description	Return Code
MANDATORY DATA ELEMENTS			
M	Return Code (TBD)	1. Must be present and in accordance with allowed number of characters as stipulated in Sub-Section 543, TBD	NEW0000
CONDITIONALLY MANDATORY DATA ELEMENTS			
C	Message Id (original Request) (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, TBD	NEW0000
C	Container Serial Number (original Request) (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, TBD	NEW0000

Obligation	Data Element (DRN)	Description	Return Code
C	Action Serial Number (original Request) (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, TBD	NEW0000
C	Collaboration ID (TBD)	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, TBD	NEW0000
OPTIONAL DATA ELEMENTS			
O	Comment	1. If present, must be in accordance with allowed number of characters as stipulated in Sub-Section 543, TBD	NEW0000

Central Validations

Obligation	Data Element (DRN)	Description	Return Code	Container
MANDATORY DATA ELEMENTS				
M	Return Code (TBD)	1. Must exist on table TBD	IV	Error
CONDITIONALLY MANDATORY DATA ELEMENTS				
C	Message Id (original Request)	1. Must be present if , if Container Serial Number or Action Serial Number is populated	MI	Error
		2. Must match to an original Message Id, Container Serial Number, Action Serial Number combination	Place Holder 2	Error
C	Container Serial Number (original Request)	1. Must be present if Message Id or Action Serial Number is populated	MI	Error
		2. Must match to an original Message Id, Container Serial Number, Action Serial Number combination	Place Holder 2	Error
C	Action Serial Number (original Request)	1. Must be present if Message Id or Container Serial Number is populated	MI	Error
		2. Must match to an original Message Id, Container Serial Number, Action Serial Number combination	Place Holder 2	Error
C	Collaboration ID (TBD)	1. Must be present if Message Id, Container Serial Number or Action Serial Number is not populated	MI	Error
		2. Must exist on NSPA tracking table	Place Holder 1	Error
OPTIONAL DATA ELEMENTS				
O	Comment	1. Must be in accordance with DRN character set	IV	Error

5. GLOSSARY

Action	An Action resides within an Inbound Container and each Action has its own unique Action Serial Number within that Container. All Actions within one Container pertain to the same NIIN/Create request. Actions are located under each Inbound Container. There are no Actions within the Outbound Containers.
Business Day	Business day excludes all weekends and national holidays. It also encompasses national differences on a business week, such as Mon-Fri week or Sun-Thu week.
Central Validation Controls (**CV**)	The data value validations against ACodP-1 Business Rules, like a value existing in Sub-Section 553 Tables. Performed by NACOMS/NSPA. Optional for national software.
Container	A Container resides within a Message and each Container has its own unique Container Serial Number within that Message. Each Container holds Action(s) pertaining to a single NIIN/Create request. Container types are Inbound: • Create • Maintain • Collaborate • Reinstate • Interrogate Outbound: • NSN • Error • Notification • Requested status
Data Element	The way the NDER Doc, XML (DATA_ELEMENT_XXXX) and other texts refer to DRNs.

DateTime	Standard: ISO 8601 Calendar type: Gregorian Calendar dates representation: YYYY-MM-DD Time representation: hh:mm:ss (extended format) Time zone designator: Coordinated Universal Time (UTC) only Combined date and time representations: YYYY-MM-DDThh:mm:ssZ
Derive	Instead of having to send all data within each message modern data systems are able to locate data based on a key attribute in the message. The data can be derived from within the message itself or in the target database. Having Codification Tools derive data this way lessens the data exchange requirement within the system.
Destination	The nation identified in Message header as the target nation of a Message.
Destination Validations (**DV**)	Validations on data value acceptability based on ACodP-1 Business Rules, like is a value acceptable in a given scenario. Performed at Message Destination by national software.
Inbound	A request for Action to be taken on NIIN level, from a nation to NCS.
Inbound XML Schema	Part of the AC/135 Schema covering all the requests for Action on NIIN.
Message	A Message functions as an envelope for all data to be exchanged within NCS. A Message can contain multiple Containers that can each contain multiple Actions. Each Message has a unique Message ID which will be serial for each nation. A message includes a Message Header that is systematically generated.
Message ID	A unique Message ID is generated by deriving data from the Message Header. Message ID is derived from Data Elements Source, Destination and Message Serial Number. A specific Container or Action can be located by combining Message ID, Container Serial Number and Action Serial Number.
Message Header	Message Header consists of routing information that is used to derive a unique
NSPA Tracking Table	NSPA database for permanent recording of all NCS data exchange. In other words, this table will hold all Message ID, Container Serial Number and Action Serial Number as well as all Collaboration ID

Online Collaboration Tool (OCT)	OCT will not be required for NCS data exchange. It will cover current Form 4 and Form 28 functions, for example.
Outbound	A response to and Inbound action or the output to NCS of an unsolicited change made on a NIIN in national database.
Outbound XML Schema	Part of the AC/135 Schema covering all the Replies & Unsolicited Changes
Processing Nation	The nation responsible for 1. Taking action 2. Providing Outbound response to an Inbound request for Action. Synonymous to Destination.
Processing Rules	When it is necessary a task, after validation is passed successfully, some rules are needed, these rules are the processing rules.
Return Code	A Return Code is a code that is sent due to informing of one or more of the following issues, A Validation was not completed. A Processing Rule was not completed. A Notification with information was sent.
Schema Validations (**SV**)	The basic format controls on the Message/Container/Action structure, performed in NMBS prior to delivering a Message from Submitting nation to NSPA. An error results in the full Message returned to Submitter.
Submitting Nation / Submitter	The nation initiating an Inbound request for Action. Submitter's country code will always be the represented in Message header.
Unsolicited Change	Any change/creation a nation performs on a NIIN due to internal requirements (unsolicited i.e. not by Inbound request for Action) that needs to be reported to the AC/135 community.

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NATO MANUAL ON CODIFICATION

ACodP-1

Chapter VI - PUBLICATIONS, FORMS AND PERIODICAL REPORTS

July 2019

CHAPTER VI - PUBLICATIONS, FORMS AND PERIODICAL REPORTS

Preface

This chapter enumerates and describes publications, forms and periodical reports in use by the NATO countries and the NATO Support and Procurement Agency (NSPA) within the NATO Codification System. For documents already described in this manual reference is made to the related Chapter.

This Chapter shows the current state of all NATO and national codification publications and contains information on the forms and reports in use by AC/135.

Content and format of the NATO forms published in this Manual are mandatory for use by all countries participating in the NATO Codification System and NATO Agencies.

Section 610 - NATO Codification Publications

Sub-Section 611 - List of NATO Publications

611.1 Summary of existing NATO Codification Publications

Designation	Title
AC/135 Handbook	Handbook on Aims, Organization and Working Procedures
ACodP-1	NATO Manual on Codification
ACodP-2	NATO Multilingual Supply Classification Handbook
ACodP-3	NATO Multilingual Item Name Directory
NMCRL	NATO Master Catalogue of References for Logistics
AC/135 CodSP	AC/135 Codification Support Publication
NCS Brochure	Brochure on the NATO Codification System
NCS Guide	Guide to the NATO Codification System

A consolidated schedule of NATO codification publications with information on the media and frequency of distribution of these publications is given below.

611.1.1 Table on NATO Codification Publications

This table provides an overview of all NATO Codification Publications developed under the authority of AC/135 in support of the NATO Codification System, with information on the medium and frequency of distribution.

PUBLICATION	DISTRIBUTION							
	MEDIUM				FREQUENCY			
	NA	PW	SW	SD	d	I	II	VI
Handbook Aims(*)	X							X
ACodP-1(*)	X	X						X
ACodP-2/3		X					X	
NMCRL-WEB			X		X			
NMCRL-OFFLINE				X			X	
CodSP(*)	X					X		
NCS Brochure		X						
NCS Guide		X						

NOTES:					
NA	=	via NABS	d	=	daily
PW	=	Public Web access	I	=	once a month
SW	=	Secure Web access	II	=	every two months
SD	=	Secure download	VI	=	twice a year

611.1.2 All publications listed above are maintained, updated and published by the NATO Support and Procurement Agency (NSPA) on behalf of AC/135.

(*) HB on Aims and ACodP-1 are published in MS Word and PDF format in January and July of each year whereas CodSP is published in HTML format at the beginning of each month.

611.2 **Handbook on Aims, Organization and Working Procedures**

The Handbook on Aims, Organization and Working Procedures is issued by the NATO Support and Procurement Agency (NSPA). It includes the Terms of Reference of the NATO Group of National Directors on Codification and describes the organization and procedures of AC/135.

611.3 **NATO Manual on Codification (ACodP-1)**

This present publication sets out the principles, responsibilities, procedures, forms and general guidance on the operation on the NATO Codification System (downloadable from the AC/135 web site at www.nato.int/structur/AC/135/main/links/acodp1.htm).

611.4 **NATO Multilingual Supply Classification Handbook (ACodP-2)**

The Allied Codification Publication Number 2 (ACodP-2), NATO Supply Classification Handbook has been developed by the NATO Group of National Directors on Codification, AC/135, for use in classifying items of supply identified within the NATO Codification System, and is based on the US Federal Classification Handbook (00-H2).

The ACodP-2 presents the classification structure of the NSC, showing all Groups and Classes listed in the arrangement of the four-digit NSC code-number system. Where appropriate, the main inclusions and exclusions (which delimit the coverage of the particular Class) are shown immediately following the title of the Class.

The publication is maintained and updated under the authority of the Group of National Directors on Codification (AC/135) observing the provisions of the "International Collaboration Procedure for IIG Maintenance and NATO Supply Class Changes".

611.5 **NATO Multilingual Item Name Directory (ACodP-3**)

The Allied Codification Publication Number 3 (ACodP-3), NATO Item Name Directory has been developed by the NATO Group of National Directors on Codification, AC/135, and serves as the internationally agreed dictionary of Approved Item Names required in the preparation of all item identification. The ACodP-3 contains Approved Item Names, Basic Names, their definitions together with any appropriate inclusions or exclusions and Colloquial Names. It is based on the US/Federal Item Name Directory for Supply Cataloguing (00-H6).

NOTE: The Multilingual ACodP-2/3 web-based application is accessible at the following address : https://eportal.nspa.nato.int/ac135public

611.6 **NATO Master Catalogue of References for Logistics (NMCRL-OFFLINE and NMCRL-WEB)**

The NATO Master Catalogue of References for Logistics – NMCRL-OFFLINE and NMCRL-WEB - are publications containing NATO Stock Numbers with related Identification-, Reference- and Manufacturers data from all NATO and sponsored countries. NMCRL-OFFLINE and NMCRL-WEB issued both on subscription basis, are the basic applications designed to determine whether an item of supply is already codified within NATO and to retrieve related Identification-, Reference- and Manufacturers data.

NMCRL-WEB is an interactive codification screening application based on Web technology with same features/data as on NMCRL-OFFLINE product but with additional display of items' characteristics data in coded and decoded format. NMCRL-WEB also features Basic and Advanced inquiry modes. The Basic mode is for non-experts and mostly displays plain text instead of NCS codes.

More information at: www.nato.int/nmcrl

611.7 AC/135 Codification Support Publication (AC/135 CodSP)

AC/135 Codification Support Publications - AC/135 CodSPs - are issued by the NATO Support and Procurement Agency - NSPA - on behalf of the Group of National Directors on Codification (AC/135).

AC/135 CodSPs are intended for streamlining international collaboration within the NCS. They also provide comprehensive ad hoc information which, for technical reasons, is not usually included in the ACodP-1.

Tables, grids and summaries included in the individual AC/135 CodSPs allow for detailed follow-up progress on ongoing developments undertaken within the NCS.

AC/135 CodSPs are updated in accordance with information received from countries and in accordance with decisions taken by AC/135.

611.8 NCS Brochure

This brochure has been developed to explain the role that the NATO Codification System plays in the overall logistics functions within NATO, and in the wider context of PfP and Sponsored Non-NATO nations. This publication is also integrated in the AC/135 web site, www.nato.int/structur/AC/135/ncs_brochure/ncs_brochure_e/index.htm

611.9 NCS Guide

The purpose of this Guide is to provide a common NATO or national document to outline the procedures by which manufacturers and suppliers will furnish, before delivery, item identification data for those items for which data are required. These item identification data are required for the logistic management of items of supply only, to provide the basis for the identification of these items in the NATO Codification System. This publication is also integrated in the AC/135 web site, www.nato.int/structur/AC/135/ncs_guide/e_guide.htm

Section 620 - National Codification Publications

Sub-Section 621 - List of National Codification Publications

621.1 **Summary of existing National Codification Publications**

Designation	Title	ACodP-1 Sub-Section
H2	Handbook for NATO Supply Classification	321
H4	Handbook for NATO Commercial and Government Entity Codes	242
H6	Item Name Directory	224
IIG	Item Identification Guide	251
IIDR	Item Identification Data Record	256
MRD	Master Requirements Directory	283
-	Guide for Industry	622

In order to indicate the country responsible for the publication, the designation is preceded by the NATO Code for NCB.

621.2 **Table of National Codification Publications**

This table provides an overview of National Codification Publications developed by NATO countries. Data of this table is available at CodSP-22. More specific information on national publications can be found in the CodSP-100 series.

621.3 Reproduction of the publications mentioned in this Sub-Section is at NATO countries discretion.

621.4 One courtesy copy will be provided to NATO countries and NSPA if so requested. Additional copies may be furnished on bilateral basis. Duplicates can be produced by the receiving countries/NSPA for their own use including administrations/agencies or dedicated government contractors.

Sub-Section 622 - Guide for Industry

622.1 Each NCB and NSPA will develop and publish a guide for suppliers, contractors or specialized firms.

This national Guide based on the NCS Guide (see paragraph 611.9) is intended to be a general introduction of the NATO Codification System which will be issued with, or in advance of any contract.

622.2 When preparation of item identifications is required as part of the procurement contract, it shall be the responsibility of the contractor to furnish a draft item identification, prepared in accordance with this Guide, for each item of supply.

All data used in the item identifications shall be obtained from authoritative sources, as agreed in the contract, e.g. approved manufacturers' drawings, catalogues, military drawings or standards/specifications, etc. (see STANAG 4177).

This responsibility applies not only to items which are designated and produced by the contractor, but also to vendor items which are incorporated into the end-item and to items which are procured from sub-contractors.

Section 630 - NATO Forms, Periodical Reports and Other Actions

Sub-Section 631 - NATO Forms AC/135

631.1 **Summary of existing NATO Forms including Periodical Reports**

NATO Form AC/135-No	Subject	Completion Time	ACodP-1 (Sub-Section)
ESR1	LSA Electronic Statistics Report No 1 (ESR1) on Rejected Codification Requests, Completion Timeframes and Pending Codification Services NOTE: Report prepared by NSPA and presented in MIS	Bi-annual: JAN & JUL a) Period 1 : 1st JAN – 30th JUN (same year) b) Period 2 : 1st JUL – 31st DEC (previous year)	461 & 462
ESR2	NSN-Import/Export Electronic Statistics Report No 2 (ESR2)	Bi-annual: FEB & AUG Before 10th FEB and 10th AUG each year: Situation as close as possible to 1st of FEB and 1st of AUG	471 (para. 471.4)
ESR3	Electronic Statistics Report No 3 (ESR3) on Manual Maintenance Transactions	Monthly Period : previous month	463
ESR4	Electronic Statistics Report No 4 (ESR4) on Codification for Export contracts (Direct codification)	Bi-annual: JAN & JUL a) Period 1 : 1st JAN – 30th JUN (same year) b) Period 2 : 1st JUL – 31st DEC (previous year)	464
1A	Initial Exchange of Information - Part A	Not applicable	431.2
1B/C	Initial Exchange of Information - Part B/C	Within 30 days after receipt	431.2
3A	NATO Codification System Change Request (NCSCR) - Details	Not applicable	481.9
3B	NATO Codification System Change Request (NCSCR) - Collaboration Comments	Comments within 90 days	481.9
4A	NATO Codification System - Problem Report - Part A	Not applicable	482.4
4B	NATO Codification System - Problem Report - Part B	Within 10/20 days after receipt	482.4

NATO Form AC/135-No	Subject	Completion Time	ACodP-1 (Sub-Section)
6	Request for Approval to utilize Original NATO Stock Numbers for Reproduced Items	Not applicable	438.1.9
6 Appx	List for Codification of Reproduced Items	Not applicable	438.1.10
7	Request for Codification and Registration of user (LSA)	60 (N), 45 (A), 7 (E) days after receipt	434.10
18	Request for Registration/Cancellation of a NATO Codification Project Code	Not applicable	438.3.4
23	Cancellation of NATO Stock Numbers	Within 60 days	446.4
26	Shipment Advice Note	Not applicable	571.7
28A	H2/H6/IIG Collaboration Action Request - Transmittal	Within 10 days, except NSCs within 30 days	253.2
28B	H2/H6/IIG Collaboration Action Request - Reply		
28C	IIG Registration Action Request	Within 10 days	254.3.6
32	AC/135 Management Task Sheet	Not applicable	HB on Aims Annex V
33	Bilateral Support to BASELOG Clients	Not applicable	143.5
34A	Revision of NSNs - Standard Electronic Maintenance Form - Submitter	Not applicable	444.2
34A Appx	LAR-LCR-LDR Maintenance Grid	Not applicable	444.3
34B	Revision of NSNs - Standard Electronic Maintenance Form - Reply	Routine 60 days / Emergency 14 days after receipt	444.3

631.2 **Other Actions**

Subject	Completion Time	ACodP-1 (Sub-Section)
File Replacement for NMCRL (KFF / KHN output) (NSPA)	In accordance with the NMCRL production schedule in CodSP-73A	-
File Replacement of Master Requirements Directory	Monthly changes posted on Web.	285

Section 640 - Maintenance of the NATO Manual on Codification

Sub-Section 641 - General

641.1 The NATO Manual on Codification is published as ACodP-1 and contains seven (7) chapters each divided into sections, sub-sections, paragraphs and sub-paragraphs.

641.2 As identified in the Memorandum of Understanding (MOU) between AC/135 and NSPA, NSPA is tasked with the maintenance, translation and publication of ACodP-1 and will incorporate approved changes (see Sub-Section 481) into ACodP-1.

641.3 Proposals to correct typographical or similar errors are to be forwarded by the initiating country to NSPA and copied to the other countries.

If no dissenting views are offered, NSPA is authorized to incorporate the changes into the next edition of the ACodP-1.

641.4 To ensure the correctness of national entries given in tables contained in ACodP-1 and AC/135 CodSP, NSPA will in January of each year forward requests for validation to all countries.

Responses, including no change, will be forwarded to NSPA within 6 weeks of the date of the request for validation.

641.5 To ensure that the correct terminology is used in the bilingual ACodP-1 and that the relevant actions are executed in a timely manner, it is agreed that within a time period of four (4) to six (6) weeks after issue of an official English revision NSPA will draft, incorporate and publish the equivalent French text.

641.6 The ACodP-1 is produced and distributed bi-annually in both NATO official languages (English and French) in electronic format by NSPA.

641.7 To provide information which is of a transient nature e.g. tables, grids, summaries etc. related to ongoing developments within the NCS, Codification Support Publications - AC/135 CodSP - are published.

The AC/135 CodSPs are issued and maintained by the NATO Support and Procurement Agency - NSPA - in the English language on the basis of decisions taken by AC/135 Main Group and/or Panel A.

Sub-Section 642 - Rules for Structure, Layout, Production and Updating

642.1 The under-mentioned rules for the structure, layout, production and updating of the chapters of ACodP-1 are based on directives from Allied Administrative Publication AAP-03.

642.2 **Structure and Layout**

The basic structure of the ACodP-1 should be chapters with chapters being divided into sections, sub-sections, paragraphs and sub-paragraphs as required. If annexes are required they are to be placed at the end the appropriate chapters. Possible appendices to annexes are to follow the appropriate annex. The publication will include a Record of Corrigenda and a Table of Contents. The layout of the text pages should be consistent throughout all chapters of the publication.

642.3 **Page numbering**

642.3.1 The page number of all pages in a chapter is to start with the chapter number in upper case Roman numerals.

642.3.2 The pages of each chapter preceding the text, beginning with the title page are to be numbered in sequence with the chapter number in upper case Roman numerals, page number in Arabic numerals, with a hyphen between Chapter and page number, e.g. VI - 800, VI - 801 etc.

642.3.3 All Annexes and Appendices will be clearly marked as such, on the first page of each annex and appendix, and will also appear in the Table of Content. They are to be numbered in consecutive Roman numerals (for the chapter), and Arabic (for the page); page numbers thus take the format convention of the rest of the manual.

642.4 **Page Markings**

642.4.1 On each page the abbreviated designation “ACodP-1” and the related chapter is to be shown in the header and the month and year of issue in the footer.

When a new edition is issued the month and year of the last version is replaced by the new month and year of issue.

642.4.2 New or revised text is displayed using the word processor’s “Track Changes” feature and will also show up in the built PDF e.g. blue font = inserted text; red strikethrough font = deleted text. At each new release of ACodP-1, only the latest edition related changes will be indicated.

642.4.3 On the title page of each chapter of the ACodP-1 the month and year of issue is to be shown.

Corrigenda to ACodP-1 are numbered consecutively starting with number one, and will reflect the section/paragraph where the change took place and the AC/135 Action Item from which it arose. See ANNEX A of this chapter for the layout of a Record of Corrigenda page.

642.5 **Embedded Objects**

Embedding of all kind of objects e.g. spreadsheets, presentations, sounds, video etc. into the native word processing file is not permitted due to non-recognition of embedded objects during PDF conversion.

642.6 **Hyperlinks**

The use of hyperlinks (to make a cross-reference within the document or a link to a file on the World Wide Web) is permitted, and recommended in the case of cross-reference to automatically numbered items within the document. The file originator shall, however, ensure that all links are valid and active.

Section 650 - Standard Layout Guidelines for Development of NATO Forms AC/135

Sub-Section 651 - General

651.1 All AC/135 Forms included in the ACodP-1 - NATO Manual on Codification - to be used in line with the NCS rules are to be designed in accordance with the general rules laid down in Sub-Section 652, except for electronic forms which shall be in line with modern information technology.

651.2 The basic criteria to be followed when preparing new or revising existing Forms are:

- standard layout of boxes, blocks, letter types, titles and other expressions;
- simple and logical sequence of the Form layout;
- easily understood terminology making extensive use of approved terms, DRN titles or their abbreviations (see ACodP-1, Chapter VII);
- easily read text.

651.3 When the criteria and rules considered in this Section cannot be accommodated in the Form, due to its special format or aim, deviations should be limited to the minimum.

Sub-Section 652 - Forms Specifications

652.1 **Format**

In principle all AC/135 Forms shall be designed in ISO A4 format or similar.

652.2 **Language**

a. Forms shall include all written expressions in both NATO official languages. Depending on the availability of space in the different blocks or zones, the sequence of the language versions in each expression will be one of the following:

(1) English on the left followed by French translation separated by a slash. (e.g. REMARKS/REMARQUES)

(2) English on the top followed by French translation underneath.

(e.g. ANNUAL REPORT
RAPPORT ANNUEL)

b. Both language versions shall use the same type of capital letters.

Punctuation marks shall be omitted.

NOTE: Where the area of the boxes does not allow for the inclusion of both language expressions in accordance with this rule the Form must be split into two equal images printed as follows:
English version: on the front page
French version: on the next page.

c. When an expression has the same spelling in both languages the expression is included on the Form just once.

652.3 **Image Layout**

a. On top of each form, an framed heading shall be used for inscription of the following standard elements:

NATO CODIFICATION SYSTEM - SYSTEME OTAN DE CODIFICATION
TITLE OF THE FORM (in English)
TITRE DU FORMULAIRE (en Français)

b. Forms intended to be returned with a reply from the destination activity will have two distinct horizontal zones identified as:

Part A - to be used by the originating authority

Part B - to be used by the replying authority.

c. When either Part A and/or Part B is sub-divided into 2 or more logical parts these shall be identified as:

Part A1, Part A2,.....etc.

Part B1, Part B2,.....etc.

d. Both Part A and Part B shall begin with a framed zone, sub-divided into three equal parts intended for address and reference data.

e. The body of the Form containing the different logical boxes according to the intended use of the Form, shall be located in a framed zone separated from the heading.

f. When both Part A and Part B or Part A1, A2.....B1, B2...., can be accommodated on the same page, the corresponding frames must be separated.

652.4 **Identification**

a. Form identification: Each Form will be identified by the expressions:

NATO FORM AC/135-No n (YY.MM) - FORMULAIRE OTAN AC/135-N° n (YY.MM)

situated in a separate box at the bottom of the Form within the frame.

NOTE : Different versions (revisions) of the same Form will be identified by appending the year (YY) and month (MM) of its formal approval between brackets, to the Form identification (YY.MM).

b. Originating Authority identification

The originating Authority will be identified by Part A through the following indications:

(1) Box A1: NATO "3-letter" Country Code* according to ISO 3166-1 and listed in CodSP-3;

(2) Box A2: Document reference number and shipping date;

(3) Signature box located at the lower right corner of Part A.

c. Replying Authority identification

The replying Authority will be identified by Part B through the following indications:

(1) Box B1: NATO "3-letter" Country Code* according to ISO 3166-1 and listed in CodSP-3;

(2) Box B2: Document reference number and date of reply;

(3) Signature box located at the lower right corner of Part B.

* Note: NSPA having no NATO code, will be referred to as "NSPA"

652.5 **NATO CODIFICATION SYSTEM - SYSTEME OTAN DE CODIFICATION**

TITLE OF THE FORM (in English)
TITRE DU FORMULAIRE (en Français)

PART A

A1 FROM / DE	A2 REFERENCE / DATE	A3 TO / A
A4		

SAMPLE FORM

PART B

B1 FROM / DE	B2 REFERENCE / DATE	B3 TO / A
B4		

NATO FORM AC/135 - No. n	(YY.MM)	FORMULAIRE OTAN AC/135 - N° n

Section 660 - Administrative Process - AC/135

Sub-Section 661 - NATO Automated Business System (NABS)

661.1 General

The NATO Automated Business System (NABS) is the official document management tool to be used within AC/135 for the establishment of agendas for Main Group, Panel A and Working Groups and as such constitutes the official AC/135 document repository. NABS ensures secure access to approved users and facilitates publishing and retrieving documentations relevant to AC/135 activities.

661.2 Process

NABS uses Microsoft SharePoint as a central repository for documents, agendas, reports, decision sheets, presentations, etc. All committee members are required to upload their correspondence in digital format into the respective group's agenda, under the appropriate agenda item. As a result documentation is visible to all committee members once they connect to NABS. In addition the use of automatic alerts allows committee members to be informed when new documentation is received. In this way the agenda becomes a live and dynamic document, updated on a constant basis available instantly to all committee members. Every committee can access specifics NABS portions, based on permissions maintained by NSPA and therefore privacy from other groups is ensured. The Secretary of AC/135 controls access and documentation published in NABS subject to the decisions of the AC/135.

ANNEX A
-
SAMPLE RECORD of CORRIGENDA

#	Section/ Para	Issued	Action #	#	Section/ Para	Issued	Action #
1	273.5	07/2007	109-12				
2	242.5.3	01/2008	110-20				
3							

SAMPLE RECORD OF CORRIGENDA

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NATO MANUAL ON CODIFICATION

ACodP-1

Chapter VII - GLOSSARY OF CODIFICATION TERMS

July 2019

CHAPTER VII - GLOSSARY OF CODIFICATION TERMS

Preface

The glossary of the ACodP-1 is placed in this Chapter VII and contains the terms and definitions used in the ACodP-1.

Terms and definitions from the NATO Glossary of Terms and Definitions (AAP-06) may be included for the comprehension of the ACodP-1; they are to be a verbatim transcript of what is contained in the AAP-06 and identified as such.

This chapter compiles and defines all general terms used in codification. For all terms with an existing Data Record Number -DRN-, this chapter cross refers to the appropriate chapter where a definition is already given.

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CHAPITRE VII - GLOSSAIRE DES TERMES DE CODIFICATION

Préface

Le glossaire de l'ACodP-1 se trouve au présent Chapitre VII et comprend les termes et définitions utilisés dans l'ACodP-1.

Les termes et les définitions du Glossaire OTAN de termes et définitions (AAP-06) peuvent être insérés pour faciliter la compréhension de l'ACodP-1; ils peuvent figurer dans le glossaire mais doivent refléter textuellement le contenu de l'AAP-06 et être identifiés pour tels.

Ce chapitre reprend et définit tous les termes généraux utilisés en codification. Pour tous les termes munis d'un Numéro de donnée -NDD-, ce chapitre renvoie au chapitre concerné où figure déjà une définition.

Section 710 - Definitions of Codification Terms

Sub-Section 711 - Definitions English/French

The definitions are listed in English alphabetical sequence. In order to permit the user to locate a definition based on a French term Sub-Section 712 contains an alphabetical French to English cross reference list.

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Section 710 - Définitions des Termes de Codification

Sous-section 711 - Définitions anglais/français

Les définitions sont énumérées en ordre alphabétique des termes anglais. Afin de permettre à l'utilisateur de localiser une définition sur la base d'un terme français, la Sous-section 712 contient une liste de correspondance dans l'ordre alphabétique des termes français.

A

ACCELERATED CODIFICATION PROCEDURE	**PROCEDURE DE CODIFICATION ACCELEREE**
A proper codification process deviating from the National Codification Procedure in that, due to lack of time, items concerned can be codified as Type 4 or Type 2 item identifications. The codification identification work is required to be performed within the time frame of 60 or 45 days.	Procédure particulière de codification qui s'éloigne de la procédure normale en ce sens que, par suite du manque de temps, les articles concernés peuvent être codifiés en identification du Type 4 ou du Type 2. Il est demandé que les travaux de codification soient effectués dans un délai de 60 ou 45 jours
ACCESSORY	**ACCESSOIRE**
A part, sub-assembly or assembly designed for use in conjunction with or to supplement another assembly, unit or set, contributing to the effectiveness thereof without intent to vary the basic function of the assembly or set. An accessory may be used for testing, adjusting or calibrating purposes; it may be a supplementary part used with an end item, or may be a mechanism or device used with some other mechanism or piece of equipment.	Pièce, sous-ensemble ou ensemble destiné à être utilisé conjointement avec ou en complément à un autre ensemble, ou une unité collective, ou un jeu contribuant à l'efficacité du matériel avec lequel il est utilisé sans rien modifier ni ajouter à sa fonction de base. Un accessoire peut servir à des essais, à des opérations de réglage ou d'étalonnage; ce peut être aussi une pièce supplémentaire utilisée avec un matériel complet ou un mécanisme ou encore un dispositif utilisé avec tout autre mécanisme ou pièce d'équipement.
ACQUISITION ADVICE CODE -AAC- (DRN 2507)	**CODE CRITERES D'ACQUISITION -CCA- (NDD 2507)**
See Sub-Section 543, DRN 2507	Voir Sous-section 543, NDD 2507
ACTIVE ITEM IDENTIFICATION	**IDENTIFICATION ACTIVE**
Item Identification for which at least one user is registered.	Identification pour laquelle au moins un utilisateur est inscrit.
ACTIVITY	**SERVICE, ORGANISME**
Specialized service and/or service branch of the NATO Armed Forces such as Army, Air Force, Navy, Supply Corps, Medical Service, Communication Branch etc.	Service spécialisé et/ou arme des Armées des pays de l'OTAN tels que Armée de terre, Air, Marine, Commissariat, Santé, Transmissions etc.
ADDITIONAL REFERENCE NUMBER	**NUMERO DE REFERENCE ADDITIONNEL**
Reference Number representing any additional information to the item of supply. (See Sub-Section 232).	Tout numéro de référence qui sert de complément d'information à l'article de ravitaillement. (Voir Sous-section 232).
ADDITION OF REFERENCE AND RELATED CODES	**AJOUT DE GROUPES FABRICANT REFERENCE ET DE CODES ANNEXES**
Input transaction to request addition of a NATO Commercial and Government Entity Code, a Reference Number and related codes.	Opération d'entrée pour demander l'ajout d'un Code NCAGE, d'un Numéro de référence et des codes annexes.
AGENCY	**AGENCE**
An organisation charged with a certain task, e.g. a procuring agency or the NATO Support and Procurement Agency (NSPA).	Organisme officiel chargé d'une certaine tâche, par exemple Service Central des Approvisionnements ou l'Agence OTAN de soutien et d'acquisition (NSPA).

A

ALLIED CODIFICATION PUBLICATION NO. 1 –ACODP-1-	**PUBLICATION INTERALLIEE DE CODIFICATION NO. 1 –ACODP-1-**
This present publication called NATO Manual on Codification sets out the principles, responsibilities, procedures, forms and general guidance on the operation on the NATO Codification System.	Cette publication intitulée Manuel OTAN de codification présente les principes, responsabilités, procédures, formulaires et directives générales ayant trait au fonctionnement du Système OTAN de codification
ALLIED CODIFICATION PUBLICATION NO. 2 –ACODP-2-	**PUBLICATION INTERALLIEE DE CODIFICATION NO. 2 –ACODP-2-**
This publication called NATO Multilingual Supply Classification Handbook contains the single uniform classification system of materiel within the NATO Codification System.	Cette publication intitulée Manuel OTAN multilingue du système de classification présente le système unique de classification uniforme des matériels employé au sein du système OTAN de codification
ALLIED CODIFICATION PUBLICATION NO. 3 –ACODP-3-	**PUBLICATION INTERALLIEE DE CODIFICATION NO. 3 –ACODP-3-**
This publication called NATO Multilingual Item Name Directory contains the uniform Approved Item Names assigned to materiel within the NATO Codification System.	Cette publication intitulée Manuel OTAN multilingue des dénominations contient les dénominations uniformes approuvées des matériels couverts par le système OTAN de codification
ALLIED COMMITTEE 135 -AC/135-	**COMITÉ ALLIÉ 135 -AC/135-**
A group known as "Group of National Directors on Codification" subordinate to the Conference of National Armament Directors -CNAD- and composed by the Directors of the Codification Authorities of the NATO Countries, to act as the responsible group for development, implementation and maintenance of the NATO Codification System in support of Allied Forces.	Un groupe appelé "Groupe des directeurs nationaux pour la codification" subordonné à la Conférence des directeurs nationaux des armements -CDNA- et composé des Directeurs des bureaux de codification des pays de l'OTAN, agissant comme groupe responsable pour la mise au point, la mise en service et au point, la mise en service et la tenue à jour du Système OTAN de codification pour le soutien des Forces alliées.
ALLOWANCE LIST	**TABLEAU DE DOTATION**
A document prescribing items and quantity to be issued to an organizational element or a military unit (e.g. a ship) to conduct its assigned mission.	Document définissant les types et les quantités de matériels devant être fournis à un élément ou une unité (par ex. un navire) pour lui permettre de remplir sa mission.
ANATOMICAL, THERAPEUTIC, CHEMICAL CLASSIFICATION SYSTEM –ATC- (DRN 9573)	**CLASSIFICATION ANATOMIQUE, THÉRAPEUTIQUE ET CHIMIQUE –ATC- (NDD 9573)**
See Sub-Section 543, DRN 9573	Voir Sous-section 543, NDD 9573
APPLICABILITY KEY -APPL KEY-	**CODE D'APPLICABILITE -CA-**
A code used to relate the applicability of a requirement to an Approved Item Name in an IIG.	Code utilisé pour se référer à l'applicabilité d'une question à une Dénomination approuvée dans un GIA.
APPROVED ITEM NAME -AIN- (DRN 5010)	**DENOMINATION APPROUVEE -DENOM APPR- (NDD 5010)**
See Sub-Section 543, DRN 5010	Voir Sous-section 543, NDD 5010

A	
ASSEMBLY	**ENSEMBLE**
An item forming a portion of an equipment that can be provisioned and replaced as an entity and which normally incorporates replaceable parts or groups of parts. See also PART; SUB-ASSEMBLY. **NOTE**: The distinction between an assembly and a sub-assembly is not always exact; an assembly in one instance may be a sub-assembly in another where it forms a portion of an assembly.	En codification ce sont des pièces, composants ou combinaisons de ces éléments, réunis pour assurer une fonction déterminée. **NOTE**: La distinction entre ensemble et sous-ensemble n'est pas toujours nette; ce qui est considéré comme un ensemble dans un cas peut être considéré comme un sous-ensemble dans un autre s'il constitue une partie d'ensemble.
ASSIGNED NATO STOCK NUMBER -ASSIGNED NSN- (DRN 3960)	**NUMERO DE NOMENCLATURE OTAN ATTRIBUE -NNO- (NDD 3960)**
See Sub-Section 543, DRN 3960	Voir Sous-section 543, NDD 3960
ASSIGNED NATO STOCK NUMBER - END ITEM	**NUMERO DE NOMENCLATURE OTAN ATTRIBUE - ARTICLE PRINCIPAL**
A NSN assigned to a Weapon System/End Item for which the production of a Common User Item List is requested.	Un NNO attribué à un article principal de système d'armes pour lequel une liste d'articles d'usage commun est demandée.
ASSIGNED NATO STOCK NUMBER - RELATED ASSEMBLY	**NUMERO DE NOMENCLATURE OTAN ATTRIBUE - ENSEMBLE CONNEXE**
A NSN assigned to an Assembly related to a Weapon System/End Item for which the production of a Common User Item List is requested.	Un NNO attribué à un ensemble associé à un article principal de système d'armes pour lequel une liste d'articles d'usage commun est demandée.
ASSIGNED NATO STOCK NUMBER - RELATED SKO	**NUMERO DE NOMENCLATURE OTAN ATTRIBUE - JLO**
A NSN assigned to a Set, Kit or Outfit (SKO) related to a Weapon System/End Item for which the production of a Common User Item List is requested.	Un NNO attribué à un jeu, à un lot ou à un outillage (JLO) associé à un article principal de système d'armes pour lequel une liste d'articles d'usage commun est demandée.
ASSIGNED PERMANENT SYSTEM CONTROL NUMBER -ASSIGNED PSCN- (DRN 8863)	**NUMERO DE NOMENCLATURE PREVISIONNEL ATTRIBUE -NNP ATTR- (NDD 8863)**
See Sub-Section 543, DRN 8863	Voir Sous-section 543, NDD 8863
ASSOCIATION CODE, NCAGE -AC NCAGE- (DRN 8855)	**CODE ASSOCIATION, NCAGE -CA NCAGE- (NDD 8855)**
See Sub-Section 543, DRN 8855	Voir Sous-section 543, NDD 8855
AUTHORITY	**AUTORITE**
See Sub-Section 481.	Voir Sous-section 481.

B

BASIC NAME	**DENOMINATION DE BASE**
A single noun, or a noun and one or more modifiers, which establishes or otherwise delimits an item of supply or a category of items of supply, thus providing the basis for an Approved Item Name.	Nom simple, on suivi d'un ou plusieurs modificateurs, qui définit un article de ravitaillement ou une catégorie d'articles de ravitaillement et qui fournit ainsi la base d'une dénomination approuvée.
BASIC NAME MODIFIER	**MODIFICATEURS D'UNE DENOMINATION DE BASE**
Additional words, adjectives or other nouns, used with the basic name to describe more precisely an item of supply or category of items of supply.	Mots supplémentaires, adjectifs ou substantifs, utilisés avec la dénomination de base afin de rendre plus précise la description d'un article de ravitaillement ou d'une catégorie d'articles de ravitaillement.
BLOCKING FACTOR	**FACTEUR DE GROUPAGE**
The number of records contained in a physical block. (In codification NATO Standard: 20 ; 20 x 80 means that a physical block of data contains 20 records of 80 characters).	Nombre d'enregistrements contenus dans un block physique. (En codification standard OTAN: 20 ; 20 x 80 signifie qu'un bloc physique de données contient 20 enregistrements de 80 caractères).

C

CATALOGUE	**CATALOGUE**
In codification, an electronic compilation of data developed for specific requirements in accordance with predetermined requisites, normally intended to categorize, name and number items or products, to provide effective and efficient logistic management.	C'est en codification un répertoire de renseignements établi sous forme électronique, pour répondre à des besoins selon des règles prédéterminées et comportant normalement des dénominations et des numéros concernant les articles ou produits pour assurer une gestion logistique réelle et efficace.
CENTRALIZED ORGANIZATION	**ORGANISME CENTRALISATEUR**
Either a NATO Agency or a National Authority appointed as co-ordinating country by the various participating countries acting on behalf of the latter. The centralized organization ensures the co-ordination of codification operations and related logistics actions.	Soit une Agence de l'OTAN soit une autorité nationale désignée comme pays coordonnateur par les différents pays participants agissant pour le compte de ces derniers. L'organisme centralisateur assure la coordination des opérations de codification et des actions logistiques qui lui sont liées.
CHANGE OF REFERENCE RELATED CODES	**MODIFICATION DE CODES ANNEXES DE GROUPE FABRICANT REFERENCE**
Input transaction to request the change of related codes to Reference(s) of an existing Item Identification for which the submitter is registered as a user.	Opération d'entrée pour demander la modification des codes annexes accompagnant des Groupes fabricant référence d'une identification existante pour laquelle le pays soumettant est enregistré utilisateur.
CHARACTER	**CARACTERE**
See Sub-Section 512.	Voir Sous-section 512.
CHARACTERISTICS SEARCH PROCESS	**CRIBLAGE SUR CARACTERISTIQUES**
Screening process using ADP means to detect duplicate NSNs on the basis of the item characteristics data (Segment M/V).	Procédé de criblage à l'aide des moyens TAD afin de détecter des NNO faisant double sur la base des caractéristiques (Segment M/V).

C

CLASS	**CLASSE**
See NATO SUPPLY CLASS.	Voir CLASSE OTAN.
CLASSIFICATION	**CLASSIFICATION**
See NATO SUPPLY CLASSIFICATION SYSTEM.	Voir SYSTEME OTAN DE CLASSIFICATION
DECODED CHARACTERISTICS DATA	**DONNEES DESCRIPTIVES DÉCODÉES**
See Sub-Section 512.	Voir Sous-section 512.
CLEAR TEXT CHARACTERISTICS REPLY (DRN 4128)	**REPONSE EN CLAIR (NDD 4128)**
See Sub-Section 543, DRN 4128	Voir Sous-section 543, NDD 4128
CODED RECORD FORMAT - SEGMENT V	**FORMAT ENREGISTREMENT CODE - SEGMENT V**
See CODED CHARACTERISTICS DATA.	Voir CARACTERISTIQUES DESCRIPTIVES CODEES.
CODED CHARACTERISTICS DATA (DRN 9118)	**CARACTERISTIQUES DESCRIPTIVES CODEES (NDD 9118)**
See Sub-Section 512 and 543, DRN 9118	Voir Sous-sections 512 et 543, NDD 9118
CODED CHARACTERISTICS DATA GROUP (DRN 3317)	**CARACTERISTIQUE DESCRIPTIVE CODEE -CDC- (NDD 3317)**
See Sub-Section 543, DRN 3317	Voir Sous-section 543, NDD 3317
CODED REPLY (DRN 3465)	**REPONSE CODEE (NDD 3465)**
See Sub-Section 543, DRN 3465	Voir Sous-section 543, NDD 3465
CODIFICATION	**CODIFICATION**
The fundamental system for the establishment of a single supply language to identify, classify, number, record manufacturing sources and maintain a current record file of items of supply to provide a management tool for logistics. (See also NATO CODIFICATION).	Système fondamental de langage unique en matière de ravitaillement permettant d'identifier correctement, de classer, d'attribuer des numéros, d'enregistrer les sources de production et de tenir un fichier des articles de ravitaillement constituant un instrument de gestion logistique. (Voir aussi CODIFICATION OTAN).
CODIFICATION CONTRACT CLAUSE	**CLAUSE DE CODIFICATION**
Clause included in contracts for the procurement of equipment and spare parts requiring the contractor to provide the technical data required for item identification (engineering drawings, specifications and, related documentation) and, if required, preparation of draft item identifications.	Clause insérée dans les contrats pour la fourniture de matériels et de pièces de rechange prévoyant la fourniture par le contractant des données techniques nécessaires à l'identification des articles (plans et spécifications de fabrication et documentation correspondante) et, si cela est nécessaire, la préparation des projets d'identification d'articles.

C

CODIFICATION DATA	**DONNEES DE CODIFICATION**
All data pertinent to items of supply i.e. item characteristics, manufacturer(s) and their part number(s) (References) and data regarding users. All these data are registered within each country's national file (Total Item Record). (See also IDENTIFICATION DATA).	Toutes les données se rapportant aux articles de ravitaillement c.à.d. données caractéristiques d'articles, données représentant un ou plusieurs fabricants et leurs numéros de pièce (Références) ainsi que des données concernant un ou plusieurs utilisateurs. Toutes ces données sont enregistrées dans le fichier national de chaque pays (Fichier général des identifications). (Voir également DONNEES D'IDENTIFICATION).
CODIFICATION SERVICES REQUEST	**DEMANDE DE SERVICES DE CODIFICATION**
Transaction submitted by a country or NSPA in order to obtain the assigned NSN and all other data registered in the Total Item Record and, if required, registration as a user of the item of supply.	Opération soumise par un pays de l'OTAN ou la NSPA afin d'obtenir le NNO attribué ainsi que toutes les autres données enregistrées dans le Fichier général des identifications et si nécessaire, d'être inscrit utilisateur de l'article de ravitaillement.
CODIFICATION SERVICES	**SERVICES DE CODIFICATION**
The codification services which may be requested from another NATO or Tier 2 sponsored country are defined by the input transactions enumerated in Sub-Section 421.	Les services de codification qui peuvent être demandés à un autre pays de l'OTAN ou un pays parrainé au niveau 2 sont définis par les opérations d'entrée qui sont énumérées à la Sous-section 421.
CODIFICATION SUPPORT PUBLICATION -CODSP-	**PUBLICATION DE SOUTIEN EN CODIFICATION -CODSP-**
AC/135 CodSPs are intended for streamlining international collaboration within the NCS. They also provide comprehensive ad hoc information which, for technical reasons, is not usually included in the ACodP-1. Tables, grids and summaries included in the individual AC/135 CodSPs allow for detailed follow-up progress on ongoing developments undertaken within the NCS.	Les CodSP de l'AC/135 ont pour objet de simplifier la collaboration internationale au sein du SOC. Elles fournissent également des informations complètes ad hoc, lesquelles, pour des raisons techniques, ne figurent généralement pas dans l'ACodP-1. Les tableaux, grilles et synthèses des différentes CodSP de l'AC/135 permettent de suivre de près les progrès relatifs aux projets en cours de développement entrepris dans le cadre du SOC.
COLLOQUIAL NAME	**DENOMINATION USUELLE**
Any name other than the Approved Item Name which has been used for an item of supply and for which an Approved Item Name has been developed and recorded in the Item Name Directory H6.	Toute dénomination autre qu'une Dénomination approuvée qui a été utilisée pour un article de ravitaillement pour lequel une Dénomination approuvée a été adoptée et figurant au Lexique des dénominations H6.
COMMON PROCUREMENT VOCABULARY CODE -CPV CODE- (DRN 9569)	**CODE DU VOCABULAIRE COMMUN POUR LES MARCHÉS PUBLICS -CODE CPV- (NDD 9569)**
See Sub-Section 543, DRN 9569	Voir Sous-section 543, NDD 9569
COMMON PROJECT	**PROJET COMMUN**
A project dealing with original or reproduced items and operated by a central organisation acting for at least two NATO countries.	Projet de réalisation par au moins deux pays de l'OTAN d'articles originaux ou reproduits, dont l'exécution est dirigée par un organisme centralisateur.

C

COMPATIBILITY OF FILES DATA	**COMPATIBILITE DES DONNEES DE FICHIER**
Capability of processing data on files maintained by different countries or NSPA for international exchange.	Possibilité de traiter les données se trouvant dans des fichiers tenus à jour par des pays différents ou par la NSPA en vue d'en permettre l'échange.
COMPONENT	**COMPOSANT**
A part or combination of parts, having a specified function which can only be installed or replaced as a whole, and is also generally expendable.	Pièce ou assemblage de pièces assurant une fonction déterminée, ne pouvant être monté ou remplacé qu'en totalité et généralement consommable.
CONCEPT	**CONCEPT**
See ITEM OF SUPPLY CONCEPT.	Voir CONCEPT D'ARTICLE DE RAVITAILLEMENT.
CONDITION CODE	**INDICE DE CLASSIFICATION**
A one-position numeric code 1 or 2 assigned to each Approved Item Name, indicating whether the referenced AIN is classified in one class, two or more classes within the NATO Supply Classification System. This code appears in Item Name Directories (H6).	Un code numérique d'un caractère 1 ou 2 attribué à chaque Dénomination approuvée, indiquant que celle-ci est classifiée dans une classe spécifique du Système OTAN de classification. Ce code apparaît dans les Lexiques des dénominations (H6).
CONFORMITY OF FILES DATA (IDENTICAL DATA)	**CONFORMITE DES FICHIERS (IDENTITE DES DONNEES)**
Storage of identical data by type and quantity in the data files of NCBs or NSPA subject to uniform criteria and measures for frequent screening of the files with the aim of mutual confirmation of registered data or supplementation of outstanding data.	Enregistrement de données identiques par type et par quantité dans les fichiers des BNC ou de la NSPA qui font l'objet de critères uniformes et de mesures pour des criblages fréquents afin d'obtenir confirmation des données enregistrées ou des données en instance d'enregistrement.
CONTINUATION RECORD	**ENREGISTREMENT SUITE**
See Sub-Section 512.	Voir Sous-section 512.
CONTINUATION INDICATOR CODE -CIC- (DRN 8555)	**CODE INDICATEUR DE SUITE -CIS- (NDD 8555)**
See Sub-Section 543, DRN 8555	Voir Sous-section 543, NDD 8555
CONTRACTOR	**CONTRACTANT**
In codification, either a producing manufacturer or a main equipment supplier, contracted by a procuring activity and principally responsible for the delivery of main equipment and related spare parts together with technical information i.e., drawings, specifications etc., or item identification data for codification purposes.	En codification, soit un fabricant réel soit un fournisseur de l'équipement signataire d'un contrat avec un organisme d'achat et responsable de la fourniture de l'équipement principal ainsi que des pièces de rechange s'y rapportant en même temps que des renseignements techniques c.à.d. dessins, spécifications etc. ou des données d'identification nécessaires à la codification.
CO-ORDINATION REQUEST	**DEMANDE DE COORDINATION**
See INTERNATIONAL COLLABORATION.	Voir COLLABORATION INTERNATIONALE.
COUNTRY CODE (DRN 3408)	**CODE PAYS (NDD 3408)**
See Sub-Section 543, DRN 3408	Voir Sous-section 543, NDD 3408

C

CROSS REFERENCE LIST -CRL-	LISTE DE CORRESPONDANCE (CRL)
Publication showing NATO Stock Numbers and References including some related codes in cross relation, considered as the basic manual research tool. Cross Reference Lists are prepared by NCBs / NSPA and usually published in electronic format.	Publications indiquant les Numéros de nomenclature OTAN et les références y compris les codes annexes mis en correspondance les uns par rapport aux autres et considérées comme les outils de base pour la recherche manuelle. Les Listes de correspondance sont établies par les BNC / NSPA et généralement publiées en format électronique.

D

DATA	DONNEES
See IDENTIFICATION DATA.	Voir DONNEES D'IDENTIFICATION.
DATA ELEMENT	**ELEMENT DE DONNEE (DONNEES)**
In codification, a basic unit of information having a unique meaning and which has categories of distinct units or values. Data elements are the basic factors used in the NATO Codification System and identified by a name, a definition and a four digit numeric code known as Data Record Number -DRN-.	C'est en codification l'unité de base de l'information ayant une seule signification et qui peut être classée dans des catégories d'unités ou de valeurs distinctes. Les données sont les éléments de base utilisés dans le Système OTAN de codification. Elles sont identifiées par un nom, une définition et un numéro à quatre chiffres appelé Numéro de donnée -NDD-.
DATA ELEMENT ORIENTED WITH RETURN CODE AND WITHOUT VALUE (SEGMENT P – DRN 9113)	**REJET AVEC CODE RETOUR ET SANS INDICATION DE VALEUR (SEGMENT P – NDD 9113)**
See Sub-Section 543, DRN 9113	Voir Sous-section 543, NDD 9113
DATA ELEMENT ORIENTED WITH VALUE (SEGMENT R – DRN 9115)	**MODIFICATION DE DONNEES AVEC INDICATION DE VALEUR (SEGMENT R – NDD 9115)**
See Sub-Section 543, DRN 9115	Voir Sous-section 543, NDD 9115
DATA ELEMENT ORIENTED WITH VALUE AND RETURN CODE (SEGMENT Q – DRN 9114)	**REJET AVEC CODE RETOUR ET INDICATION DE VALEUR (SEGMENT Q – NDD 9114)**
See Sub-Section 543, DRN 9114	Voir Sous-section 543, NDD 9114
DATA ELEMENT TERMINATOR CODE -DETC- (DRN 8268)	**FIN DE DONNEES -FIN DON- (NDD 8268)**
See Sub-Section 543, DRN 8268	Voir Sous-section 543, NDD 8268
DATA FILES	**FICHIERS DES DONNEES**
Computer records that contain information to be processed, as distinguished from records that inform how to process it (such as programs).	Enregistrements utilisables par un ordinateur et contenant les informations à traiter, par opposition aux enregistrements qui indiquent comment l'information doit être traitée (fichiers programmes).

D	
DATA MANAGEMENT SYSTEM	**SYSTEME DE GESTION DES DONNEES**
In codification, an integrated system of support programs which enables the generation, input, query, retrieval, output, and editing of files without the necessity of the user being aware of either the physical structure of the files or the system hardware configuration.	C'est en codification un système intégré de programmes auxiliaires permettant de produire, d'entrer, d'interroger, de retrouver, de sortir et d'éditer des fichiers sans qu'il soit nécessaire pour l'utilisateur de connaître la structure physique des fichiers où la configuration du matériel du système.
DATA RECORD NUMBER -DRN- (DRN 0950)	**NUMERO DE DONNEE -NDD- (NDD 0950)**
See Sub-Section 543, DRN 0950	Voir Sous-section 543, NDD 0950
DATA SEGMENT	**SEGMENT**
A group of data elements normally associated and/or functionally categorized. A data segment can be data element oriented (the type of elements may vary from one transaction to another) or fixed position oriented (data elements in fixed length fields in a predetermined sequence). The content of the different segments is given in Sub-Section 512.	Un groupe de données normalement associées, et/ou fonctionnellement classées. Un segment peut être a contenu variable (la nature des données peut varier d'une opération à l'autre) ou à contenu fixe (les données sont placées dans des zones de longueurs fixes et dans un ordre préétabli). Le contenu des différents segments est donné à la Sous-section 512.
DATA UNIVERSAL NUMBERING SYSTEM NUMBER -DUNS NUMBER- (DRN 3405)	**NUMÉRO DU SYTÈME DE NUMÉROTATION UNIVERSEL DES DONNÉES -NUMÉRO DUNS- (NDD 3405)**
See Sub-Section 543, DRN 3405	Voir Sous-section 543, NDD 3405
DATE NCAGE ESTABLISHED (DRN 2262)	**DATE D'ENREGISTREMENT DE L'ORGANISME (NDD 2262)**
See Sub-Section 543, DRN 2262	Voir Sous-section 543, NDD 2262
DATE OF LAST CHANGE, NCAGE RECORD (SEGMENT 8 - DRN 9567)	**DATE DE LA DERNIÈRE MODIFICATION DU FICHIER NCAGE (SEGMENT 8 - NDD 9567)**
See Sub-Section 543, DRN 9567	Voir Sous-section 543, NDD 9567
DATE STANDARDIZATION DECISION -DATE STDS DEC- (DRN 2300)	**DATE DE DECISION DE NORMALISATION - DATA DEC NORM - (NDD 2300)**
See Sub-Section 543, DRN 2300	Voir Sous-section 543, NDD 2300
DECODED REPLY STATEMENT (DRN 3864)	**REPONSE DECODEE (NDD 3864)**
See Sub-Section 543, DRN 3864	Voir Sous-section 543, NDD 3864
DELETION OF MOE RULE NUMBER	**RETRAIT DU NUMERO DE REGLE DE DIFFUSION**
Input transaction to request the withdrawal as a user of an Item Identification and NATO Stock Number whenever the procuring country ceases to use an item for which user registration has been recorded in the producing country.	Opération d'entrée pour demander le retrait d'utilisateur d'une identification et d'un Numéro de nomenclature OTAN, chaque fois que le pays acheteur cesse d'utiliser un article pour lequel il est enregistré utilisateur auprès du pays producteur.

D

DELETION OF REFERENCE(S) AND RELATED CODES	**RETRAIT DE GROUPE(S) FABRICANT REFERENCE ET CODES ANNEXES**
Input transaction to request withdrawal of Reference(s) and related codes from an existing Item Identification for which the submitter is a registered user.	Opération d'entrée pour demander le retrait de Groupe(s) fabricant référence et des codes annexes d'une identification existante pour laquelle le soumettant est inscrit utilisateur.
DELIMITATION OF ITEM CONCEPTS	**DELIMITATION DES CONCEPTS D'ARTICLES**
The demarcation of item concepts, inherent in basic and item names, to distinguish between different item of supply concepts in the same name or to differentiate between similar item of supply concepts in different names, thus ensuring only one interpretation of basic or item names.	Détermination des limites des concepts d'articles de ravitaillement liés aux dénominations de base et aux dénominations d'articles, permettant de faire la distinction entre des concepts différents d'articles de ravitaillement de même dénomination ou entre des concepts similaires de dénominations différentes, et assurant ainsi une interprétation unique des dénominations de base ou des dénominations d'articles.
DELIMITED BASIC NAME	**DENOMINATION DE BASE DELIMITEE**
A basic name plus definition(s) which is (are) numbered for each separate concept. The appropriate number is quoted in parenthesis after each subsequent use of the basic name, e.g.: GENERATOR (1), DIRECT CURRENT; GENERATOR (2), HYDROGEN. This is used to avoid repeating the established basic concept for each recurring use of the basic name in the Item Name Directory (H6).	Dénomination de base, plus les définitions numérotées pour chacun des concepts. Le nombre approprié est inscrit entre parenthèses après chaque utilisation successive de la dénomination de base, par ex.: GENERATEUR (1), COURANT CONTINU, GENERATEUR (2), HYDROGENE. Cette méthode permet d'éviter la répétition du concept de base à chaque nouvelle utilisation de la dénomination de base dans le Lexique des dénominations (H6).
DEMILITARIZATION CODE -DEMIL CODE- (DRN 0167)	**CODE DEMILITARISATION -CODE DEMIL- (NDD 0167)**
See Sub-Section 543, DRN 0167	Voir Sous-section 543, NDD 0167
DENSITY	**DENSITE**
The number of bytes recorded in the unit of length. (In codification, NATO Standard 1600 BPI - bytes per inch).	Nombre de rangées d'informations (multiplets) enregistrées dans l'unité de longueur. (En codification, Standard OTAN 1600 BPI - bytes per inch).
DESCRIPTIVE DATA FILE	**FICHIER GENERAL DES DESCRIPTIONS**
File on ADP support in Segment M or V format containing the descriptive data of all the items of supply registered in the Total Item Record with a Type of Identification other than 2.	Fichier sur support informatique en format M ou V contenant les données descriptives de tous les articles de ravitaillement enregistrés dans le Fichier général des identifications avec un Type d'identification autre que 2.
DESCRIPTIVE METHOD OF ITEM IDENTIFICATION	**IDENTIFICATION PAR DESCRIPTION**
Establishes and delimits the concept of an item of supply by the delineation of the essential characteristics of that item which gives it a unique character and differentiates it from every other item of supply.	Etablit et délimite le concept d'un article de ravitaillement par l'énoncé et la définition des caractéristiques essentielles d'un article qui lui donnent son caractère unique et le différencient de tout autre article de ravitaillement.

D

DESIGN CONTROL AUTHORITY	**DÉTENTEUR LÉGAL DU MODÈLE**
The individual, company, firm, corporation, designing authority or government department which controls the design, characteristics and production of an item by means of its engineering drawings, specifications and inspection requirements.	Le particulier, la société, la corporation de l'Etat qui détient légalement ou administrativement le modèle et ses caractéristiques et qui est responsable de la production d'un article au moyen des plans de fabrication, des spécifications et par des contrôles d'exécution.
DESIGN CONTROL REFERENCE	**REFERENCE DE CONTROLE DU CONCEPTEUR**
See REFERENCE NUMBER CATEGORY CODE.	Voir CODE CATEGORIE DE REFERENCE
DESTINATION ACTIVITY CODE -DEST ACT CODE- (DRN 3880)	**CODE DESTINATAIRE -CODE DEST- (NDD 3880)**
See Sub-Section 543, DRN 3880	Voir Sous-section 543, NDD 3880
DIRECT CODIFICATION	**CODIFICATION DIRECTE**
The terminology “direct codification” is used to indicate that requests for codification services are submitted by sending an Initial Provisioning List (IPL) and processed as national identification requests.	L’expression «codification directe» est utilisée pour indiquer que les demandes de services de codification sont soumises par l'envoi d'une liste d'approvisionnement initial (IPL) et traitées comme des demandes d'identification nationales.
DLA LOGISTICS INFORMATION SERVICE (USA)	**DLA LOGISTICS INFORMATION SERVICE (USA)**
The national Codification Bureau of the United States of America.	Le Bureau national de codification des Etats-Unis d'Amérique.
DOCUMENT AVAILABILITY CODE -DAC- (DRN 2640)	**CODE DISPONIBILITE DE DOCUMENT -CDD- (NDD 2640)**
See Sub-Section 543, DRN 2640	Voir Sous-section 543, NDD 2640
DOCUMENT CONTROL NUMBER -DCN- (DRN 1015)	**NUMERO DE DOCUMENT -ND- (NDD 1015)**
See Sub-Section 543, DRN 1015	Voir Sous-section 543, NDD 1015
DOCUMENT CONTROL SERIAL NUMBER -DCSN- (DRN 1000)	**NUMERO DE SERIE DU NUMERO DE DOCUMENT -NSND- (NDD 1000)**
See Sub-Section 543, DRN 1000	Voir Sous-section 543, NDD 1000
DOCUMENT IDENTIFIER CODE -DIC- (DRN 3920)	**CODE OPERATION -CO- (NDD 3920)**
See Sub-Section 543, DRN 3920	Voir Sous-section 543, NDD 3920
DRAFT ITEM IDENTIFICATION	**PROJET D'IDENTIFICATION**
Item Identification prepared by a national user or contractor and submitted to the NCB for NSN assignment.	Identification préparée par un utilisateur national ou un contractant et présentée au BNC pour l'attribution du NNO.
DRAWING NUMBER	**NUMERO DE PLAN**
A number consisting of letters and/or numbers, sometimes separated by dashes. This number is assigned to a particular drawing for identification purposes by the activity controlling the drawing.	Numéro composé de lettres et//ou de chiffres séparés parfois par des tirets. Ce numéro est attribué par l'organisme à un plan particulier à des fins d'identification.

D

DRAWING NUMBER REFERENCE	**REFERENCE DE PLAN**
See REFERENCE NUMBER CATEGORY CODE.	Voir CODE DE CATEGORIE DE REFERENCE.
DROP TABLE	**TABLE D'EXCLUSION**
Table used by NCBs to eliminate distribution of file maintenance/notification data when a country or NSPA has specified that such data is not desired.	Table utilisée par les BNC afin d'empêcher la distribution des données de mise à jour/notification à un organisme (BNC ou NSPA) qui a exprimé le désir de ne pas les recevoir.
DUPLICATE NATO STOCK NUMBERS	**NUMEROS DE NOMENCLATURE OTAN FAISANT DOUBLE**
Identical items of supply for which different NATO Stock Numbers (two or more) have been assigned and which are therefore in conflict and require one (or more) Stock Number(s) to be cancelled.	Articles de ravitaillement identiques dotés de Numéros de nomenclature OTAN différents (deux ou plus), ce qui crée une confusion et doit conduire à l'annulation d'un ou plusieurs numéros.
DUPLICATION OF ITEM IDENTIFICATIONS	**IDENTIFICATION FAISANT DOUBLE**
That which resembles or exactly corresponds to another; a draft item identification which corresponds exactly to a previously approved Item Identification.	Identification exactement semblable ou analogue à une autre identification; projet d'identification correspondant exactement a une identification déjà approuvée.

E

EDIT GUIDE	**TABLE DE CONTROLE**
This guide is used for the input control of a submitted group of data which must meet the requirements of this guide in order to be recorded in the Total Item Record.	Table utilisée aux Etats-Unis d'Amérique pour le contrôle d'entrée d'un ensemble de données soumises qui doit être conforme à ces tables pour être enregistré au Fichier général des identifications.
EDIT/VALIDATION	**CONTROLE/VALIDATION**
In codification a control of data validity submitted against a defined format.	C'est en codification le contrôle de la validité des données soumises suivant un format défini.
EMAIL ADDRESS (DRN 3375)	**ADRESSE ÉLECTRONIQUE (NDD 3375)**
See Sub-Section 543, DRN 3375	Voir Sous-section 543, NDD 3375
EMERGENCY CODIFICATION PROCEDURE	**PROCEDURE D'URGENCE**
In cases of an exceptionally urgent nature (e.g. when materiel for which no NSN has been assigned is received at a depot) codification requests for newly procured equipment be submitted via teletype messages. The codification work is to be performed within the time frame of 7 days.	Dans le cas d'une urgence exceptionnelle (par ex. lorsqu'un dépôt reçoit des matériels auxquels aucun NNO n'a été attribué), des demandes de codification peuvent être soumises par message télétype pour des articles nouvellement achetés. Les travaux de codification doivent être effectués dans le délai de 7 jours.
END ITEM	**ARTICLE PRINCIPAL**
A final combination of components, assemblies and/or parts ready for its intended use.	Combination achevé de composants, d'assemblages et/ou de pièces prêts à l'usage auquel ils sont destinés.

E

EQUIPMENT	**EQUIPEMENT**
All non-expendable items needed to outfit/equip an individual or organization. NOTE: The term refers to clothing, tools, utensils, vehicles, weapons and other similar items.	Articles non consommables prévus en dotation individuelle ou collective. NOTE: L'expression se rapporte aux vêtements, outils, ustensiles, véhicules, armes et autres similaires.
EQUIVALENT	**EQUIVALENT**
Items are equivalent when although not identical, they have sufficient in common as to be capable of being used for the same purpose.	Des articles sont dits équivalents lorsque, sans être véritablement identiques, ils ont suffisamment de points communs pour servir au même usage.
EXACT MATCH	**CORRESPONDANCE EXACTE**
See MATCH.	Voir CORRESPONDANCE.

F

FAX NUMBER (DRN 8975)	**NUMÉRO DE TÉLÉCOPIEUR (NDD 8975)**
See Sub-Section 543, DRN 8975	Voir Sous-section 543, NDD 8975
FEDERAL ITEM IDENTIFICATION GUIDE (USA) -FIIG-	**GUIDE FEDERAL D'IDENTIFICATION D'ARTICLES (USA) (FIIG)**
See ITEM IDENTIFICATION GUIDE.	Voir FICHIER GENERAL DES D'ARTICLES.
FEDERAL ITEM LOGISTICS DATA RECORD FILE (USA) -FILDR-	**FICHIER FEDERAL GENERAL DES DESCRIPTIONS (USA) (FILDR)**
See ITEM IDENTIFICATION DATA RECORD FILE.	Voir LISTE GENERALE DES DESCRIPTIONS.
FEDERAL LOGISTICS INFORMATION SYSTEM (USA) -FLIS-	**SYSTEME INTEGRE DES DONNEES (USA) -SID-**
The management system developed by the United States designed to collect, store, process and provide items related to logistics information, and on which the NATO Data Exchange System is based.	Système de gestion mis au point par les USA afin de collecter, stocker, traiter et fournir les articles d'information logistique et sur lequel est basé le Système OTAN d'échange de données.
FILE	**FICHIER**
All what is sent by one originator through MBS to NSPA during one teletransmission session, regardless whether there is one or more end-user involved.	Tout document envoyé par un expéditeur à la NSPA par l'entremise d'une boîte aux lettres automatisée au cours d'une session de transmission; peu importe le nombre d'utilisateurs en cause.
FILE MAINTENANCE	**MISE A JOUR**
For codification, see MAINTENANCE.	En codification, voir TENUE A JOUR.
FILE REPLACEMENT DATA	**FICHIER DE REMPLACEMENT**
Complete file data or certain specified segments exchanged between NCBs/NSPA each time that a general adjustment of the files has taken place or in the framework of a bilateral agreement, between the interested bodies.	Données du fichier général des identifications ou certains segments bien déterminés échangés entre les BNC et la NSPA chaque fois qu'une modification générale des fichiers a eu lieu ou dans le cadre d'un accord bilatéral entre les parties intéressées.

F	
FILLER	**REMPLISSAGE**
Fill character(s) in a computer file or its edition.	Caractère(s) de remplissage dans un fichier informatique ou son édition.
FORMATTING OF REFERENCE NUMBERS	**MODE D'ECRITURE DES NUMEROS DE REFERENCE**
Reference Numbers are submitted in international transactions as originally configured by the manufacturer whenever they are composed of characters included in the NATO Character Sub-Set (in the clear). The rules for exceptions are laid down in Chapter IV, Annex A. The Reference Number Format Code -RNFC- indicates the applied formatting method.	En général, les numéros de référence dans les opérations internationales sont soumis suivant la configuration du fabricant chaque fois qu'ils sont composés de caractères inclus dans le jeu OTAN des caractères. Les règles pour les exceptions sont données au Chapitre IV, Annexe A. Le Code mode d'écriture de la référence -CMER- indique la méthode d'écriture utilisée.
FULL APPROVED ITEM NAME -FULL AIN- (DRN 5000)	**DENOMINATION APPROUVEE COMPLETE (NDD 5000)**
See Sub-Section 543, DRN 5000	Voir Sous-section 543, NDD 5000
FULL DESCRIPTIVE ITEM IDENTIFICATION	**DESCRIPTION COMPLETE**
Item identification which contains all essential characteristics of an item of supply by the replies to each applicable requirement provided in the Item Identification Guide and by which the item is distinguished from every other item of supply.	Identification dans laquelle toutes les caractéristiques essentielles d'un article de ravitaillement sont incorporées en répondant à toutes les questions applicables prévues dans le Guide d'identification d'articles et par laquelle l'article est différencié de tout autre article de ravitaillement.
FUTURE DATA (Segment Z) (DRN 9119)	**DONNEES FUTURES (Segment Z) (NDD 9119)**
See Sub-Section 543, DRN 9119	Voir Sous-section 543, NDD 9119

G	
GEOGRAPHICAL ADDRESS CITY (DRN 1084)	**VILLE DE L'ADRESSE GÉOGRAPHIQUE (NDD 1084)**
See Sub-Section 543, DRN 1084	Voir Sous-section 543, NDD 1084
GEOGRAPHICAL ADDRESS POSTAL ZONE (DRN 2549)	**CODE POSTAL DE L'ADRESSE GÉOGRAPHIQUE (NDD 2549)**
See Sub-Section 543, DRN 2549	Voir Sous-section 543, NDD 2549
GLOBAL LOCATION NUMBER CODE -GLN CODE- (DRN 9568)	**CODE LIEU-FONCTION -CODE GLN- (NDD 9568)**
See Sub-Section 543, DRN 9568	Voir Sous-section 543, NDD 9568
GLOBAL TRADE ITEM NUMBER CODE -GTIN CODE- (DRN 8629)	**CODE ARTICLE INTERNATIONAL -CODE GTIN- (NDD 8629)**
See Sub-Section 543, DRN 8629	Voir Sous-section 543, NDD 8629

G

GOVERNMENT SPECIFICATION OR STANDARD	NORME OU SPECIFICATION OFFICIELLE
Specification or Standard published by a Government authority. (See also SPECIFICATION).	Spécification ou norme publiée par une autorité officielle ou gouvernementale. (Voir aussi SPECIFICATION).
GROUP	**GROUPE**
In codification, the first two digits of the NATO Supply Class permitting the grouping of items of supply in families. (See Handbook H-2).	Ce sont en codification les deux premiers caractères de la Classe OTAN permettant de grouper les articles de ravitaillement en familles. (Voir Répertoire H-2).
GROUP OF NATIONAL DIRECTORS ON CODIFICATION	**GROUPE DES DIRECTEURS NATIONAUX POUR LA CODIFICATION**
See ALLIED COMMITTEE 135 -AC/135-.	Voir COMITE ALLIE 135 -AC/135-.
GUIDE FOR INDUSTRY	**GUIDE POUR LES FABRICANTS**
Document published by the NCB of each NATO or Tier 2 sponsored country in order to outline the principles of the NATO Codification System and the relevant procedures by which manufacturers (contractors) will furnish, before delivery, item identification data for those items for which data are required for codification and internal management of items of supply.	Document publié par le BNC de chaque pays de l'OTAN ou de chaque pays parrainé au niveau 2 définissant les principes du Système OTAN de codification ainsi que la procédure selon laquelle les fabricants (contractants) doivent fournir, avant la livraison, les données d'identification concernant les articles pour lesquels ces données sont demandées pour la codification et la gestion interne des articles d'approvisionnement.

H

HARMONIZED SYSTEM –HS- (DRN 9571)	SYSTÈME HARMONISÉ –SH- (NDD 9571)
See Sub-Section 543, DRN 9571	Voir Sous-section 543, NDD 9571

I

IDENTICAL	IDENTIQUE
In codification, an item of supply that is the same in kind, quality or characteristics as another, therefore two or more items exactly alike or equal being in entire and absolute agreement and therefore indistinguishable from each other.	Se dit en codification d'un article qui est similaire à un autre par sa nature, sa qualité ou ses caractéristiques; par conséquent, deux articles, ou davantage, exactement semblables donc ne se distinguant pas l'un de l'autre.

I

IDENTIFICATION DATA	**DONNEES D'IDENTIFICATION**
Apart from the item name the element establishing the characteristics of an item of supply which, when described, is stated directly by using the essential characteristics including physical, mechanical, electrical, chemical, material, dimensional and related performance data (descriptive method); or when not described, the characteristics are stated indirectly by the citation of reference(s) to the item identifying number(s) and supporting technical data (reference method).	En dehors de la dénomination l'élément dans l'énoncé des caractéristiques d'un article de ravitaillement qui, lorsqu'il est identifié par la méthode descriptive, est exprimé directement par des mots qui décrivent les caractéristiques essentielles de l'article, y compris les propriétés physiques, mécaniques, électriques, chimiques, les matériaux, les dimensions et les performances; ou, lorsqu'un article ne peut pas être décrit, les caractéristiques sont indiquées de façon indirecte par énoncé de la (des) référence(s) identifiant l'(les) article(s) de production et résumant toutes les données de cet article (méthode par référence).
IDENTIFICATION LIST -IL-	**LISTE TECHNIQUE DES DESCRIPTIONS -LTD-**
Publication containing characteristics or other identifying data for active items of supply registered in the national files.	Publication contenant des caractéristiques ou autres données identifiantes pour des articles de ravitaillement actifs enregistrés dans les fichiers nationaux.
IDENTIFIED SECONDARY ADDRESS CODING - ISAC- (DRN 0766)	**CODAGE SECONDAIRE SPECIFIQUE (ISAC) (NDD 0766)**
See Sub-Section 543, DRN 0766	Voir Sous-section 543, NDD 0766
ILLUSTRATED PARTS CATALOGUE	**CATALOGUE ILLUSTRE DE PIECES**
An illustrated manual or document for a specific end item of equipment (aircraft, vehicle, tank, etc.) which contains "exploded-views" of sub-assemblies, assemblies or components, and provides each part with a figure index number and a manufacturer's part number, nomenclature and quantity of units utilised per assembly. Normally, a cross-reference from part number to index number is also included as a "Part" of the Illustrated Parts Catalogue.	Manuel ou document illustré d'un matériel complet déterminé (avion, char, etc.) et contenant des "vues éclatées" de sous-ensembles, d'ensembles ou de composants, et identifiant chaque pièce par un numéro d'index de dessin, un numéro de référence d'article de fabricant, la désignation et la quantité de pièces utilisées pour chaque ensemble. Normalement, un tableau indiquant la correspondance entre les numéros de pièces et les numéros d'index est également inclus en annexe dans le catalogue illustré de pièces.
ILLUSTRATION	**ILLUSTRATION**
A drawing, graph, table, diagram, sketch, photograph or statement used to represent or delimit certain characteristics of an item of supply. In codification the illustration may be given directly as a part of the item identification or by citation of a reference drawing or other illustrative document.	Dessin, graphique, tableau, diagramme, croquis, photographie ou énoncé servant à décrire ou délimiter certaines caractéristiques d'un article de ravitaillement. En codification, l'illustration peut être donnée directement comme partie d'une identification ou par citation d'un dessin de référence ou autre document illustré.
INACTIVE ITEM IDENTIFICATION	**IDENTIFICATION INACTIVE**
Item identification for which no user is registered but for which cancellation has not been proposed.	Identification pour laquelle aucun utilisateur n'est inscrit, mais pour laquelle aucune mesure d'annulation n'a été prise.
INDIRECT CODIFICATION	**CODIFICATION INDIRECTE**
The terminology “indirect codification” is used to indicate that requests for codification services are submitted by sending packages of transactions L07/LSA.	L’expression «codification indirecte» est utilisée pour indiquer que les demandes de services de codification sont soumises par l'envoi de jeux de transactions L07/LSA.

I	
INFORMATIVE REFERENCE	**REFERENCE INFORMATIVE**
A Reference registered under a NATO Stock Number and which cannot be classified under one of the specific categories. (See Sub-Section 553, Table 08).	Un Groupe fabricant référence enregistré sous un Numéro de nomenclature OTAN et qui ne peut pas être classé dans une catégorie spécifique. (Voir Sous-section 553, Table 08).
INITIAL EXCHANGE OF INFORMATION	**ECHANGE INITIAL DE RENSEIGNEMENTS**
Procedure to co-ordinate the planning and programming of codification operations for major equipment or major component and spare parts thereof procured in another country. (See Sub-Section 431).	Procédure pour coordonner les plans et programmes des opérations de codification pour un matériel complet ou un composant principal et leurs pièces de rechanges acquis dans un autre pays. (Voir Sous-section 431).
INITIATING COUNTRY	**PAYS INITIATEUR**
A NATO or sponsored country which initiates an action within the NATO Codification System, such as, international collaboration for IIG maintenance and changes of the NATO Codification System etc.	Un pays de l'OTAN ou un pays parrainé qui, dans le cadre du Système OTAN de codification, est à l'origine d'une action telle que, collaboration internationale pour la tenue à jour des GIA, changements au Système OTAN de codification etc.
INPUT AND OUTPUT HEADER SEGMENTS -IH/OH- (DRNs 9094 and 9098)	**SEGMENTS EN-TETE ENTREE ET SORTIE-TE/TS- (NDDs 9094 et 9098)**
See Sub-Section 543, DRN 9094 and DRN 9098	Voir Sous-section 543, NDD 9094 et NDD 9098
INPUT TRANSACTION	**OPERATION D'ENTREE**
Transaction submitted by a NCB or NSPA in order to obtain codification services from another country.	Opération soumise par un BNC ou la NSPA afin d'obtenir des services de codification d'un autre pays.
INTERCHANGEABILITY	**INTERCHANGEABILITE**
In codification achieved when assemblies or components from one equipment can replace those in another equipment to perform the function of the original without modification or alteration, or detracting from the efficiency of the equipment.	En codification, elle est complète lorsque des ensembles ou composants d'un matériel peuvent remplacer ceux d'un autre matériel pour remplir les fonctions des pièces originales sans modification, altération ou diminution de l'efficacité du matériel.
INTERCHANGEABLE ITEMS	**ARTICLES INTERCHANGEABLES**
An assembly or part, capable of being readily installed, removed or replaced without alteration, misalignment or damage to parts being installed or to adjoining parts. No adaptations such as cutting, filing, drilling, reaming, hammering, bending, prising or forcing shall be required.	Ensemble ou pièce susceptible d'être immédiatement monté, démonté ou remplacé sans modification, sans désalignement ou détérioration des pièces en cours de montage ou voisines, et ne nécessitant aucune opération de découpage, limage, perçage, alésage, martelage, pliage, levage ou travail de force.
INTERNATIONAL COLLABORATION	**COLLABORATION INTERNATIONALE**
In codification, international procedures requiring the general agreement of all NATO participants to the system before a decision can be taken (changes to codification tools, system change requests, cancellation of file data etc.).	En codification ce sont les procédures internationales nécessitent l'accord général des participants de l'OTAN au puisse être prise (changements des outils de codification, demandes de modification du système, suppression des données du fichier etc.).

I	
INTERNATIONAL DATA EXCHANGE	**ECHANGE INTERNATIONAL DE DONNEES**
Procedure permitting the exchange of codification data related to the items of supply between the countries participating in the NATO Codification System.	Procédures permettant l'échange de données de codification concernant des articles de ravitaillement entre les pays participant au Système OTAN de codification.
INTERNATIONAL STANDARD - INT STD -	**NORME INTERNATIONALE**
In codification a standard or specification developed and published by an International Standardization Organization or by NATO and adopted by two (2) or more NATO countries.	En codification, c'est une norme ou spécification créée et publiée par un organisme international de normalisation ou par l'OTAN et adoptée par 2 ou plusieurs pays OTAN.
INTERNATIONAL STANDARD INDUSTRIAL CLASSIFICATION OF ALL ECONOMIC ACTIVITIES CODE -ISIC CODE- (DRN 1368)	**CODE DE CLASSIFICATION INTERNATIONALE TYPE, PAR INDUSTRIE, DE TOUTES LES BRANCHES D'ACTIVITÉ ÉCONOMIQUE -CODE CITI- (NDD 1368)**
See Sub-Section 543, DRN 1368	Voir Sous-section 543, NDD 1368
INTERNATIONAL STANDARD NUMBER - INT STD NO -	**NUMERO DE NORME INTERNATIONALE**
A number assigned by an International Standardization Organization or by NATO to a ratified standardization document.	Numéro attribué par un organisme international ou par l'OTAN a un document de normalisation ratifié.
INTERNATIONAL TRANSACTION	**OPERATION INTERNATIONALE**
Transaction authorised for the international exchange of codification data as detailed in Chapter IV.	C'est en codification une opération autorisée pour l'échange international des données de codification et détaillée au Chapitre IV.
INTEROPERABILITY	**INTEROPERABILITE**
Two or more parts, components or systems which can be operated together or functionally work together as a system e.g. telecommunications.	Ce sont en codification deux ou plusieurs éléments, composants ou systèmes susceptibles de fonctionner ou de travailler fonctionnellement ensemble comme un seul système, par ex.: un système de télécommunication.
INTERROGATION REQUEST	**INTERROGATION**
Input transaction used to request, complete or select file data related to a NATO Item Identification Number.	Opération d'entrée utilisée pour demander certaines ou toutes les données d'un Numéro OTAN d'identification.
ITEM	**ARTICLE / PIECE**
See PART.	
ITEM CHARACTERISTICS DATA	**CARACTERISTIQUES D'ARTICLE**
The characteristics of an item are all its physical and performance data, including the item name, which are given in reply to the requirements of the applicable Item Identification Guide.	Les caractéristiques d'un article sont toutes les données physiques et fonctionnelles (y compris sa dénomination) répondant aux questions du Guide d'identification d'articles concerné.

I

ITEM CHARACTERISTICS DATA REQUIREMENT	**QUESTION SUR LES CARACTERISTIQUES**
A requirement included in the appropriate sections of an Item Identification Guide specifically needed to identify and describe items of supply prior to the NSN assignment.	Question sur les caractéristiques des articles contenues dans les Sections appropriées du Guide d'identification d'articles indispensable pour identifier et décrire les articles de ravitaillement avant l'attribution d'un NNO.
ITEM IDENTIFICATION -II-	**IDENTIFICATION -IDENT-**
The item identification consists of data sufficient to establish clearly the essential information about the item of supply which determines its unique character and differentiates it from every other item of supply.	L'identification d'article est constituée par les données appropriées pour déterminer les informations essentielles qui lui confèrent son caractère unique et le différencie de tout autre article de ravitaillement.
ITEM IDENTIFICATION CARD	**FICHE DESCRIPTIVE -FD-**
Card format ISO A5 (148,5 x 210 mm) which, when completed in accordance with the appropriate Item Identification Guide, will contain the description of an item of supply. The card, DD 146, contains columnar headings for pertinent data to be assigned, such as "NATO Stock Number", Type of Item Identification", "Item Identification Guide Number" etc. - Obsolete, see DESCRIPTIVE DATA FILE (Segment M/V).	Fiche au format ISO A5 (148,5 x 210 mm) qui, lorsqu'elle a été remplie conformément au Guide d'identification d'articles approprié, contient la description d'un article de ravitaillement. Cette fiche (DD146) comporte des colonnes avec en-tête pour l'inscription des données appropriées, telles que "Numéro de nomenclature OTAN", "Type d'identification", "Numéro du guide d'identification d'articles" etc. - Obsolète, voir FICHIER GENERAL DES DESCRIPTIONS (Segment M/V).
ITEM IDENTIFICATION DATA RECORD FILE -IIDRF-	**FICHIER GENERAL DES DESCRIPTIONS -FGD-**
A file recorded on electronic media containing descriptions of all items of supply in IIG format existing in a national Total Item Record - TIR -.	Un fichier enregistré sur support électronique contenant les descriptions de tous les articles de ravitaillement format GIA figurant dans un Fichier général des identifications nationales -FGI-.
ITEM IDENTIFICATION GUIDE -IIG-	**GUIDE D'IDENTIFICATION D'ARTICLES -GIA-**
Document used to identify an item of supply by describing its characteristics in order to differentiate it from other items of supply and to establish the necessary supplementary data required for logistics management.	Document utilisé pour identifier les articles de ravitaillement par la description de leurs caractéristiques afin de les différencier entre eux et d'établir les données supplémentaires nécessaires pour la gestion logistique.
ITEM IDENTIFICATION GUIDE NUMBER -IIG NO- (DRN 4065)	**NUMERO DE GUIDE D'IDENTIFICATION D'ARTICLES -NGIA- (NDD 4065)**
See Sub-Section 543, DRN 4065	Voir Sous-section 543, NDD 4065
ITEM IDENTIFICATION METHOD	**METHODE D'IDENTIFICATION D'ARTICLE**
See METHOD OF ITEM IDENTIFICATION	
ITEM IDENTIFICATION STATUS/CANCELLATION DATA (SEGMENT K) (DRN 9109)	**ANNULATION/POSITION DE NOI (SEGMENT K) (NDD 9109)**
See Sub-Section 543, DRN 9109	Voir Sous-section 543, NDD 9109

I

ITEM NAME	DENOMINATION
The first basic element of an item identification for an item of supply, selected and delimited where necessary, to establish a basic concept of the item or of the group of related items of supply to which it belongs. When appropriate, it will be an Approved Item Name or, if not available, it can be a Non Approved Item Name (Standard or part name).	Premier élément de base de l'identification d'un article de ravitaillement, choisi et délimité comme nécessaire, servant à établir le concept de base de l'article lui-même ou du groupe auquel il appartient. Suivant le cas ce sera une Dénomination approuvée ou sinon ce peut être une Dénomination non approuvée (dénomination normalisée ou un nom de pièce).
ITEM NAME CODE -INC- (DRN 4080)	**CODE DENOMINATION -CODE DENOM- (NDD 4080)**
See Sub-Section 543, DRN 4080	Voir Sous-section 543, NDD 4080
ITEM NAME DIRECTORY	**LEXIQUE DES DENOMINATIONS**
The comprehensive and internationally agreed dictionary published as the Handbook H6 containing Approved Item Names, basic names and normally their definitions, together with any appropriate inclusions, exclusions and colloquial names. In addition, the directory also contains Item Names Codes, Item Identification Guide Numbers and the appropriate NATO Supply Class(es) for all Approved Item Names.	Le dictionnaire complet publié sous l'appellation Manuel H6 et agréé internationalement contenant les Dénominations approuvées, les dénominations de base et généralement leurs définitions avec ou sans les inclusions et les exclusions et aussi les dénominations usuelles. De plus, ce lexique contient les Codes dénomination, les Numéros de guide d'identification d'article et la ou les Classe(s) OTAN appropriée(s) pour toutes les Dénominations approuvées.
ITEM OF PRODUCTION	**ARTICLE DE PRODUCTION**
An item of production consists of those parts or objects grouped under the same manufacturer reference number, conforming to the same engineering drawings, specifications and inspection tests.	On appelle article de production les pièces ou objets groupés sous un même numéro de référence de fabricant, conformes aux mêmes dessins d'exécution aux mêmes spécification et ayant satisfait aux mêmes épreuves de contrôle.
ITEM OF SUPPLY	**ARTICLE DE RAVITAILLEMENT**
An object or group of objects which has been defined by a qualified logistic service to meet a specific requirement. The exact determination of an item of supply depends on technical and logistical considerations on the basis of which the user specifies the characteristics and tolerances of his concept in the broadest possible terms compatible with his own essential needs.	L'objet ou le groupe d'objets qu'un service logistique habilité a défini pour satisfaire un besoin particulier. La détermination exacte d'un article de ravitaillement repose sur des considérations techniques et logistiques à partir desquelles l'utilisateur délimite les caractéristiques et les tolérances de son concept dans les termes les plus larges possibles compatibles avec ses impératifs propres.
ITEM OF SUPPLY CONCEPT	**CONCEPT D'ARTICLE DE RAVITAILLEMENT**
The appreciation or concept of the full requirements which an item of supply must meet. Its ability to satisfy the needs of storage, use and repair stages during its active life.	L'appréciation ou le concept de tous les besoins auxquels un article de ravitaillement doit répondre. Sa capacité à satisfaire aux impératifs d'emmagasinage, d'utilisation et de réparation durant sa vie active.
ITEM STANDARDIZATION	**STANDARDISATION**
Procedures applied in order to reduce the variety of items of supply existing in the supply system.	Procédures par lesquelles on exprime un aspect de la normalisation, celui de la réduction des variétés d'articles de ravitaillement existant dans la chaîne logistique (normalisation logistique).

I

ITEM STANDARDIZATION CODE -ISC- (DRN 2650)	**CODE NORMALISATION -CN- (NDD 2650)**
See Sub-Section 543, DRN 2650	Voir Sous-section 543, NDD 2650
ITEM STANDARDIZATION CODE, REPLACED NSN - ISC RPLD NSN- (DRN 8525)	**CODE NORMALISATION DE L'ARTICLE APPARENTE -CN APP- (NDD 8525)**
See Sub-Section 543, DRN 8525	Voir Sous-section 543, NDD 8525

J

JUSTIFICATION CODE	**CODE JUSTIFICATION**
See REFERENCE NUMBER JUSTIFICATON CODE.	Voir CODE JUSTIFICATION DE LA REFERENCE.

K

KIT	**LOT**
A collection of related items issued as a single item of supply, such as the tools, instruments, repair parts, instruction sheets and often supplies typically carried in a box or bag. Also includes selected collections of equipment components, tools, and/or materials for the repair, overhaul, or modification of equipment. Use only when the term "KIT" is a part of the item name.	Ensemble d'articles apparentés fournis sous forme d'article de ravitaillement unique tels que des outils, instruments, pièces de rechange, fiches d'instruction, et souvent des fournitures livrées en boite ou en sac- sont aussi inclus des ensembles sélectionnés de matériels ou de composants, outils et/ou matériaux pour la réparation. la révision ou la modification des matériels. A n'utiliser que lorsque le terme "LOT" constitue une partie de la dénomination.

L

LEGACY DUPLICATE	**DOUBLON HÉRITÉ DU PASSÉ**
NSN created by a NATO/sponsored Tier 2 nation, in the absence of a codifying NCB in the nation where the design rights are held, at the time of codification. Duplication occurs when the NCB of the Design control authority allocate a NSN for the same item.	Ce sont des NNO qui ont été créés par un pays OTAN ou parrainé au niveau 2 à une époque où le pays détenteur légal n'avait pas encore de BNC habilité à codifier par lui-même. Le doublon se produit lorsque le BNC du pays détenteur légal a obtenu cette habilitation et attribue un nouveau NNO pour le même article.
LENGTH OF CODED REPLY (DRN 0365)	**LONGUEUR DE LA REPONSE CODEE (NDD 0365)**
See Sub-Section 543, DRN 0365	Voir Sous-section 543, NDD 0365
LIMITED RIGHTS	**DROITS LIMITES**
Rights to use, duplicate or disclose technical data, in whole or in part, by or for a country, with limitations as expressed by the country's laws. (See Sub-Section 125).	Droits limités par les lois d'un pays, d'utiliser, de reproduire ou de diffuser des données techniques, en totalité ou en partie, soit par ce pays, soit en son nom. Voir Sous-section 125.

L

LIMITED RIGHTS DATA	**DONNEES VISES PAR DES DROITS LIMITES**
Technical data, or recorded information of a scientific or technical nature, in which a country's rights have been limited by its laws. (See Sub-Section 125)	Les données techniques, ou renseignements enregistrés de nature scientifique ou technique, lorsque les droits d'un pays ont été limités par ses lois. Voir Sous-section 125.
LINE CONTINUATION CODE -LINE CONT CODE- (DRN 8263)	**CODE CONTINUATION DE LIGNE -CODE CONT LIGNE- (NDD 8263)**
See Sub-Section 543, DRN 8263	Voir Sous-section 543, NDD 8263
LIST OF DUPLICATE NATO STOCK NUMBERS -LDNSN-	**LISTE DES NUMEROS DE NOMENCLATURE OTAN FAISANT DOUBLE EMPLOI**
A list showing all duplicate assigned NATO Stock Numbers to single Non-NATO Manufacturers' or NATO Agencies and International Organizations' references, including related statistics.	Liste indiquant tous les NNO attribués en double aux références des fabricants uniques Non-OTAN ou Agences OTAN et organisations internationales, statistiques appropriées incluses.

M

MAIN ASSEMBLY	**ENSEMBLE PRINCIPAL**
See Assembly.	Voir Ensemble.
MAIN EQUIPMENT SUPPLIER -MES-	**FOURNISSEUR DE L'EQUIPEMENT PRINCIPAL**
Contractor responsible for the delivery of the major equipment or major components while sub-assemblies spare parts etc. may be furnished by sub-contractors. In most cases the main equipment supplier is also the Design Control Authority of the major equipment and components.	Contractant responsable de la fourniture d'un matériel complet ou des composants principaux tandis que les sous-ensembles et pièces de rechange peuvent être fournis par des sous-traitants. Dans la majorité des cas le fournisseur de l'équipement principal est également le détenteur légal du modèle du matériel complet et de ses composants.
MAIN GROUP (AC/135)	**GROUPE PRINCIPAL (AC/135)**
Group composed in principal of the Directors of the National Codification Bureaux of the NATO countries.	Groupe composé en principe des Directeurs des bureaux nationaux de codification des pays de l'OTAN.
MAINTENANCE (CODIFICATION)	**TENUE A JOUR (CODIFICATION)**
All continued codification operations necessary to render established codification data current, and the distribution of the updated information to interested activities.	Ensemble des opérations nécessaires pour tenir à jour de façon permanente les données de codification établies, et pour leur diffusion aux services intéressés.
MAJOR ASSEMBLY	**ENSEMBLE COMPLET**
A completed assembly of component parts, sub-assemblies or items ready for operation as issued (an End Product), but intended for further installation in an End Item of Equipment.	Ensemble complet de composants, sous-ensembles, ou articles prêt à être utilisé (produit fini), mais destiné à être monté sur ou avec un ensemble supérieur.

M	
MAJOR COMBINATION	**ENSEMBLE PRINCIPAL**
Single composite unit of mechanical or electrical equipment inherently complete for independent use and consisting of one or more major items. A tank, complete with armament, equipment and spare parts, is an example of a major combination.	Unité collective complète d'un matériel mécanique ou électrique en vue d'une utilisation indépendante et consistant en un ou plusieurs articles principaux. Un char complet avec son armement, son équipement et ses pièces de rechange, constitue, par exemple, un ensemble principal.
MAJOR COMPONENT	**COMPOSANT PRINCIPAL**
See COMPONENT.	Voir COMPOSANT.
MAJOR ITEM	**ARTICLE PRINCIPAL**
See END ITEM.	
MAJOR EQUIPMENT	**MATERIEL PRINCIPAL**
Items of equipment which, in themselves, fulfil prime functions in units; e.g. aircraft, tanks, ships, boats, guns (including those fitted in aircraft, tanks, vessels, etc.), servicing equipment, signals equipment (radar), VHF sets, cable etc.), engineering equipment (bulldozers, concrete mixers etc.).	Matériel qui permet à une unité de combat de remplir sa fonction essentielle; par ex.: avion, char, navire, canon (y compris les canons montés sur avion, char, navire etc.), matériel de service, matériel des transmissions (radar, poste VHF, câble etc.), matériel du génie (bulldozer, bétonneuse etc.).
MAJOR ORGANIZATIONAL ENTITY -MOE-	**ORGANISME -ORG-**
Organization which may be authorized to submit and to receive international transactions used for the exchange of codification data.	Organisme qui peut être autorisé à soumettre ou à recevoir des opérations internationales pour l'échange des données de codification.
MAJOR ORGANIZATIONAL ENTITY CODE -MOE CODE- (DRN 2833)	**CODE ORGANISME -CODE ORG- (NDD 2833)**
See Sub-Section 543, DRN 2833	Voir Sous-section 543, NDD 2833
MAJOR ORGANIZATIONAL ENTITY RULE NUMBER -MOE RULE NO- (DRN 8290)	**NUMERO DE REGLE DE DIFFUSION -NOR DIF- (NDD 8290)**
See Sub-Section 543, DRN 8290	Voir Sous-section 543, NDD 8290
MANAGEMENT INFORMATION SYSTEM -MIS-	**SYSTÈME D'INFORMATION DE GESTION -MIS-**
Management Information System (MIS) is a computerized database of information organized and programmed in such a way that it produces regular reports on AC/135 and NCBs' performance regarding to NMCRL and NCAGE quality, NMCRL sales, Electronic Statistics Reports, etc.	Le système d'information de gestion (MIS) est une base de données informatisée comportant des informations structurées et organisées de manière à permettre la production régulière de rapports sur les performances de l'AC/135 et des BNC en ce qui concerne la qualité du catalogue NMCRL et des codes NCAGE, les ventes NMCRL, les comptes rendus statistiques électroniques, etc.

M

MANUFACTURER -MFR-	**FABRICANT -FAB-**
In the NATO Codification System the term MANUFACTURER is considered to embrace: (a) various types of establishments which control the design and production of items or produce items from crude or fabricated materials or components, with or without modification, into more complex items according to own documentation. (see DESIGN CONTROL AUTHORITY) (b) organizations engaged in development of standards/specifications or equivalent documents; (c) distributors who are only known sources of supply for items to be entered in the supply system.	Dans le système OTAN de codification, le terme fabricant comprend: (a) les différents types d'établissements qui contrôlent la conception, et la production des articles ou qui produisent des articles à partir de matériels ou de composants bruts ou élaborés, avec ou sans modification pour en faire des articles plus complexes selon notre propre documentation. (Voir DÉTENTEUR LÉGAL DU MODÈLE) (b) organisme engagés dans la mise au point de normes ou spécifications ou de documents équivalents; (c) des distributeurs qui ne sont connus qu'en tant que sources d'approvisionnement pour les articles entrant dans le système
MANUFACTURER'S CODE	**CODE DU FABRICANT**
See NATO COMMERCIAL AND GOVERNMENT ENTITY CODE	Voir CODE ORGANISME COMMERCIAL OU GOUVERNEMENTAL OTAN.
MANUFACTURER'S DATA	**DONNEES CONCERNANT LE FABRICANT**
See NATO COMMERCIAL AND GOVERNMENT ENTITY DATA.	Voir DONNEES D'ORGANISME COMMERCIAL OU GOUVERNEMENTAL OTAN
MANUFACTURER'S PART NUMBER	**NUMERO D'ARTICLE DE FABRICANT**
See REFERENCE NUMBER.	Voir NUMERO DE REFERENCE.
MANUFACTURER'S REFERENCE NUMBERING STRUCTURE	**ECRITURE DES NUMEROS DE REFERENCE DES FABRICANTS**
Structures used by the manufacturer to form Reference Numbers of their items of production and explained in the national H7 Handbook.	Structures utilisées par les fabricants pour composer les Numéros de référence de leurs articles de production, expliquées dans les recueils nationaux H7.
MASTER REQUIREMENTS CODE -MRC- (DRN 3445)	**CODE QUESTION (MRC) (NDD 3445)**
See Sub-Section 543, DRN 3445	Voir Sous-section 543, NDD 3445
MASTER REQUIREMENTS DIRECTORY -MRD-	**REPERTOIRE DES QUESTIONS PRINCIPALES (MRD)**
A publication containing the Requirements, Reply Tables, Military Standard Item Characteristics Coding Structure -MILSTICCS-, Master Requirements Code -MRC- and Mode Codes - contained in the Item Identification Guide.	Une publication comprenant les questions, les Tables de réponse, le Système standard militaire de codage des caractéristiques d'articles MILSTICCS-, les Codes question -MRC- et les Codes types de réponse figurant dans les Guide d'identification d'articles.
MASTER REQUIREMENTS DIRECTORY STATUS INDICATOR CODE -MRD SIC- (DRN 0816)	**CODE INDICATEUR D'ETAT D'UN MRD (NDD 0816)**
See Sub-Section 543, DRN 0816	Voir Sous-section 543, NDD 0816

M

MATCH	**CORRESPONDANCE**
Positive result of a search or screening action to check for identity between input data and one or more data already stored in a computer file. For match conditions on screening actions see Sub-Section 434.	Résultat positif d'une recherche ou d'un criblage pour trouver une identité entre les données d'entrée et une ou plusieurs données déjà enregistrées dans un fichier informatique. Pour les conditions de correspondance sur des criblages, voir Sous-section 434.
MATERIEL MANAGEMENT DATA	**DONNEES DE GESTION -DG-**
The range of information such as requisitioning, stock, and financial management and other management control data; and including various relationships to other items, documents, or materiel management conditions. (See also Sub-Section 543, Segment H (DRN 9108).	La gamme d'informations telles que commandes, stocks, gestion financière, autres données de contrôle de gestion y compris les relations diverses avec d'autres articles, documents ou de conditions de gestion du matériel. (Voir aussi Sous-section 543, Segment H (NDD 9108).
MESSAGE	**MESSAGE**
A part of a transmission (or a complete Transmission) starting with a TC Header and terminated by a trailer, and containing maximum 9,999 records.	Partie d'une transmission (ou transmission complète) commençant par un en-tête de commande de transmission et se terminant par une bande terminale.
METHOD OF ITEM IDENTIFICATION	**METHODE D'IDENTIFICATION**
Method for accomplishing the process of item identification. Two methods have been established: the descriptive method and the reference method.	Méthode pour procéder à l'identification. Il existe deux méthodes: l'identification par description et l'identification par référence.
MILITARY STANDARD ITEM CHARACTERISTICS CODING STRUCTURE -MILSTICCS-	**SYSTEME STANDARD MILITAIRE DE CODAGE DES CARACTERISTIQUES D'ARTICLES -MILSTICCS-**
A United States operating method which provides instruction and guidance in the preparation of (F)IIG item identification data for transmittal.	Méthode d'exploitation des USA. donnant les instructions et les directives pour la préparation des données d'une identification réalisée à l'aide d'un FIIG pour leur transmission.
MINI IIG	**MINI GIA**
The mini IIG is a national document or concept which is a national abbreviation of the original FIIG. The degree of abbreviation is dependent upon each individual country's requirements.	Le Mini GIA est un document national ou concept qui est un abrégé du FIIG original. Le degré d'abréviation dépend des besoins de chaque pays.
MODE CODE (DRN 4735)	**CODE TYPE DE REPONSE -CTR- (NDD 4735)**
See Sub-Section 543, DRN 4735	Voir Sous-section 543, NDD 4735

M

MODIFICATION	MODIFICATION
A physical alteration to an item of production, or to an item of supply upon agreement of the Authority of the user country and which alteration changes the design, characteristics or capabilities of an end item, major or sub-assembly, component, part or accessory and which similarly generates an administrative change to related documents. The term modification covers any change (technical modification or identification data changes) generated by the manufacturer, contractor, sub-contractor or user. Such modifications directly affect the National Codification Bureaux of the producing and user countries during the course of the contract and indirectly concern both producing and user countries subsequent to termination of the contract.	Changement physique d'un article de production, ou d'un article de ravitaillement, avec l'accord de l'autorité compétente du pays utilisateur; ce changement modifie le modèle, les caractéristiques ou les possibilités d'un matériel complet, d'un ensemble principal ou d'un sous-ensemble, d'un composant, d'une pièce ou d'un accessoire et nécessite, par conséquent, un modificatif de rédaction dans les documents concernés. Le terme "modification" couvre tout changement (modification technique ou changement des données d'identification) émanant du fabricant, du contractant, du sous-traitant ou de l'utilisateur. De telles modifications intéressent directement les Bureaux nationaux de codification des pays producteurs et utilisateurs pendant la durée du contrat et les concernent indirectement après l'expiration du contrat.
MODIFIER	**MODIFICATEUR**
See BASIC NAME MODIFIER.	Voir MODIFICATEUR D'UNE DENOMINATION DE BASE.
MOE RULE DATA	**REGLE DE DIFFUSION**
See Sub-Section 543, DRN 9101	Voir Sous-section 543, NDD 9101

N

NATIONAL CODIFICATION BUREAU -NCB-	BUREAU NATIONAL DE CODIFICATION -BNC-
A country's central authority responsible for the establishment and the maintenance of the NATO Codification System. It constitutes a mandatory interface for the National Armed Forces and NATO countries/NSPA for the exchange of codification data. The NCB represents its country in the Allied Committee 135 -AC/135-and is responsible for the application of national and international codification procedures.	Organisme central d'un pays, responsable de l'établissement et de la mise à jour du Système OTAN de Codification. Il est l'intermédiaire obligatoire des Forces armées nationales et des pays/la NSPA pour l'échange des données de codification. Le BNC représente son pays au sein du Comité Allié 135 -AC/135- et est responsable de l'application des procédures de codification nationales et internationales.
NATIONAL IIG	**GIA NATIONAL**
The national Item Identification Guide is a document based on the USA FIIG and enables full descriptive item identification - type 1.	Le Guide d'identification d'article national est un document basé sur le FIIG des USA., il permet de réaliser des identifications de type descriptif complet - type 1.
NATIONAL IDENTIFICATION NUMBER (DRN 2658)	**NUMÉRO D'IDENTIFICATION NATIONAL (NDD 2658)**
See Sub-Section 543, DRN 2658	Voir Sous-section 543, NDD 2658

N

NATIONAL STANDARD - NAT STD -	**NORME NATIONALE**
In codification: a document established by a recognized national body containing the criteria to be met in the manufacture and use of listed equipments, assemblies and components and materiels.	En codification il s'agit d'un document établi par un organisme national reconnu contenant les conditions à remplir pour la fabrication et l'utilisation des matériels, des ensembles, des composants et des matériaux.
NATO AGENCY	**AGENCE DE L'OTAN**
See AGENCY.	Voir AGENCE.
NATO AMMUNITION DATABASE –NADB-	**BASE DE DONNEES DES MUNITIONS OTAN -NADB-**
It is a specialised online product, based on codification data. It provides a unique reference source for matters related to the management of NATO ammunition.	C'est un produit spécialisé en ligne fondé sur les données de codification. Elle constitue une source de référence unique dans le cadre de la gestion des munitions OTAN.
NATO AUTOMATED BUSINESS SYSTEM -NABS-	**SYSTEME OTAN D'ECHANGES AUTOMATISES –NABS-**
It is comprehensive electronic environment which improves the efficiency of agenda management and document exchange within the group. Any committee, whether its members are working in one geographical area or spread all over the world, can take advantage of the new automated document management system. NABS eliminates the need for hard copies and can therefore substantially reduce hours of manual labour involved in handling these hard copies. NABS allows the users to process, circulate, locate and manage documents in an easier and, last but not least, more cost effective way.	C'est un environnement électronique global conçu pour améliorer radicalement l'efficacité de la gestion des ordres du jour et l'échange de documents au sein d'un groupe. Tout comité, que ses membres travaillent dans une zone géographique donnée ou soient disséminés de par le monde, peut tirer avantage du nouveau système automatique de gestion des documents. Le NABS permet de travailler sans papier et, par conséquent, de réduire de façon notable les heures de travail manuel nécessaires au traitement des copies papier. Grâce au NABS, les utilisateurs peuvent traiter, diffuser, localiser et gérer les documents plus facilement et surtout, de manière plus économique.
NATO CODE FOR NCB -NCB CODE- (DRN 4130)	**CODE OTAN DE BNC -CODE BNC- (NDD 4130)**
See Sub-Section 543, DRN 4130	Voir Sous-section 543, NDD 4130
NATO CODIFICATION	**CODIFICATION OTAN**
The entire range of services to provide identification, classification and stock numbering for items of supply of the NATO countries with the aim of establishing a single supply language resulting in the one item one number concept. NATO codification includes maintaining current record files and providing updating information to all countries registered as users of the respective items.	La gamme complète des services permettent l'identification, la classification et l'attribution des numéros de nomenclature aux articles de ravitaillement des pays de l'OTAN avec, comme but l'établissement d'un langage unique pour le ravitaillement aboutissant au concept "un article - un numéro". La codification OTAN englobe la tenue à jour des fichiers et la fourniture des données de mise à jour à tous les pays inscrits utilisateurs de ces articles.
NATO CODIFICATION PROJECT CODE (DRN 1057)	**CODE PROJET DE CODIFICATION OTAN (NDD 1057)**
See Sub-Section 543, DRN 1057	Voir Sous-section 543, NDD 1057

N

NATO CODIFICATION SYSTEM -NCS-	**SYSTEME OTAN DE CODIFICATION -SOC-**
The system explained by the texts and details of agreements of STANAGs 3150 and 3151 which provide for uniform systems for supply classification and item identification.	Système exposé dans les textes et modalités d'accords des STANAGs 3150 et 3151, établis dans le but de normaliser la classification des approvisionnements et l'identification des articles.
NATO CODIFICATION SYSTEM CHANGE REQUEST -NCSCR-	**DEMANDE DE MODIFICATION DU SYSTEME OTAN DE CODIFICATION -DMSOC-**
Document to be prepared by a country or NSPA initiating a change to the NATO Codification System and requiring collaboration among all participating NATO countries and NSPA.	Document à préparer par un pays ou la NSPA proposant une modification au Système OTAN de codification qui doit être élaboré en coopération par tous les pays membres de l'OTAN et la NSPA.
NATO COMMERCIAL AND GOVERNMENT ENTITY CODE -NCAGE CODE- (DRN 4140)	**CODE ORGANISME COMMERCIAL OU GOUVERNEMENTAL OTAN -CODE NCAGE- (NDD 4140)**
See Sub-Section 543, DRN 4140	Voir Sous-section 543, NDD 4140
NATO COMMERCIAL AND GOVERNMENT ENTITY DATA (DRN 0249)	**DONNEES D'ORGANISME COMMERCIAL OU GOUVERNEMENTAL OTAN (NDD 0249)**
See Sub-Section 543, DRN 0249	Voir Sous-section 543, NDD 0249
NATO FILE MAINTENANCE SEQUENCE NUMBER -NFMSN- (DRN 1516)	**NUMERO OTAN DE MISE A JOUR -NOMJ- (NDD 1516)**
See Sub-Section 543, DRN 1516	Voir Sous-section 543, NDD 1516
NATO ITEM IDENTIFICATION NUMBER -NIIN- (DRN 4000)	**NUMERO OTAN D'IDENTIFICATION -NOI- (NDD 4000)**
See Sub-Section 543, DRN 4000	Voir Sous-section 543, NDD 4000
NATO ITEM IDENTIFICATION NUMBER STATUS CODE -NIIN SC- (DRN 2670)	**CODE POSITION DE NUMERO OTAN D'IDENTIFICATION -CP NOI- (NDD 2670)**
See Sub-Section 543, DRN 2670	Voir Sous-section 543, NDD 2670
NATO MAILBOX SYSTEM –NMBS-	**SYSTEME "BOITE AUX LETTRES" DE L'OTAN –NMBS-**
It is a reliable and fast means of exchanging high volumes of data in electronic format with a minimum of manual intervention. The system spans most of the world and since its introduction in 1993 it has grown steadily with no sign of stagnation. The system is constantly brought up to date to reflect the newest trends in information technology but using only proven and reliable technology. NMBS offers a range of functions that allow the users to communicate electronically in several ways: Computer to Computer, Person to Computer and Person to Person.	C'est un moyen fiable et rapide d'échanger des volumes importants de données sous forme électronique en réduisant au maximum le degré d'intervention manuelle. Ce système, qui recouvre la plupart des régions du monde, connaît, depuis sa création en 1993, une croissance régulière sans aucun signe de relâchement. Tout en étant continuellement remis à jour de manière à tenir compte des dernières innovations en matière informatique, il ne fait cependant appel qu'à des technologies éprouvées et fiables. Le NMBS offre une série de fonctions permettant à l'utilisateur de communiquer de diverses manières par voie électronique : d'ordinateur à ordinateur, de personne à ordinateur et de personne à personne.

N

NATO MASTER CATALOGUE OF REFERENCES FOR LOGISTICS –NMCRL-	**CATALOGUE PRINCIPAL DES REFERENCES DE LA LOGISTIQUE OTAN –NMCRL-**
It is a bi-monthly offline publication (NMCRL-OFFLINE) besides a daily updated online application (NMCRL-WEB) comprising the NATO Stock Numbers of all NATO nations and those of sponsored non-NATO nations. It contains identification data of the items of production and the list of the user nations in addition to the information identifying the manufacturers and the sources of supply associated to these NSNs. The NMCRL is a basic tool for codifiers to determine if an item has already been identified in another nation and for logisticians to determine the sources of supply for a given item, and other user nations to allow cross servicing. NMCRL-WEB is an interactive codification screening application based on Web technology with same features/data as on NMCRL-OFFINE product but with additional display of items' characteristics data in coded and decoded format. NMCRL-WEB also features Basic and Advanced inquiry modes. The Basic mode is for non-experts and mostly displays plain text instead of NCS codes. See www.nato.int/nmcrl	C'est une publication bimestrielle hors ligne (NMCRL-OFFLINE) en plus d'une application en ligne (NMCRL-WEB), mise à jour quotidiennement, dans laquelle figurent les numéros de nomenclature OTAN de tous les pays membres de l'Alliance ainsi que ceux des pays non membres parrainés. Il contient les données d'identification des articles de production et la liste des pays utilisateurs ainsi que les informations identifiant les fabricants et sources d'approvisionnement associées à ces NNO. Le NMCRL est un outil de base pour les codificateurs, à qui il permet d'établir si un article donné a déjà été identifié dans un autre pays et les logisticiens, qu'il aide à trouver les sources d'approvisionnement d'un article donné, ainsi que les forces armées qui l'utilisent, ce qui permet un soutien mutuel. NMCRL-WEB est une application interactive de recherche de données de codification basée sur la technologie Web avec les mêmes caractéristiques/données que sur le produit NMCRL-OFFLINE avec en plus l'affichage des données descriptives techniques d'articles au format codé et décodé. NMCRL-WEB comporte également les modes de consultation Basic et Expert. Le mode Basic s'adresse à des non-experts avec affichage des textes à la place des codes du SOC. Voir www.nato.int/nmcrl
NATO PROJECT	**PROJET OTAN**
A project which is in use by two or more NATO countries in full coordination.	Un projet utilisé par deux ou plusieurs pays de l'OTAN en totale coordination.
NATO CODIFICATION PROJECT CODE (DRN 1057)	**CODE PROJET DE CODIFICATION OTAN (NDD 1057)**
See Sub-Section 543, DRN 1057	Voir Sous-section 543, NDD 1057
NATO PROJECT STANDARD/SPECIFICATION -NATO PSTD/PSPEC-	**NORME/SPECIFICATION DE PROJET OTAN**
A common standard developed by a NATO Production Logistics Organization; to be used for design purposes for items used on a specific NATO project and produced by various manufacturers	Une norme commune créée par un organisme logistique OTAN, qui doit être utilisée pour la conception des articles entrant dans un projet OTAN spécifique et produits par plusieurs fabricants.
NATO STOCK NUMBER -NSN-	**NUMERO DE NOMENCLATURE OTAN -NNO-**
See ASSIGNED NATO STOCK NUMBER	
NATO SUPPLY CLASS -NSC- (DRN 3990)	**CLASSE OTAN -CLASSE- (NDD 3990)**
See Sub-Section 543, DRN 3990	Voir Sous-section 543, NDD 3990

N

NATO SUPPLY CLASSIFICATION SYSTEM	**SYSTEME DE CLASSIFICATION OTAN DES APPROVISIONNEMENTS**
System to facilitate Supply Management by grouping items of supply into groups (families) and further dividing them into classes (sub-families) each of which covers an area of related items of similar use or uniform management category. The system utilises a four digit numbering structure. The first two digits identify the group, the last two digits identify the class within the group.	Système permettant de faciliter la gestion en groupant les articles de ravitaillement en groupes (familles) ces derniers encore subdivisés en classes (sous-familles), chacun couvrant un ensemble d'articles équivalents ou d'utilisation similaire ou encore tombant dans une même catégorie pour la gestion. Le système utilise une structure de numérotation à quatre caractères. Les deux premiers identifient le groupe, les deux derniers identifient la classe dans le groupe.
NATO SUPPLY CODE FOR NON MANUFACTURER -NSCNM-	**CODE FOURNISSEUR**
Code allocated nationally to equipment suppliers, non-manufacturers and various other types of organizations such as distributors, sales offices, retail establishments, service organizations, construction and mining firms, universities etc. These codes are published in the national H8 Handbooks.	Code attribué nationalement aux fournisseurs non fabricants et à divers autres types d'organismes tels que les concessionnaires, les bureaux de vente, les détaillants, les sociétés de service, les entreprises construction, les universités d'exploitation minières et de construction, les universités etc. Les codes sont répertoriés dans les manuels nationaux H8.
NATO SUPPLY GROUP -NSG- (DRN 3994)	**GROUPE OTAN -NSG- (NDD 3994)**
See Sub-Section 543, DRN 3994	Voir Sous-section 543, NDD 3994
NATO WEAPON SYSTEM	**SYSTEME D'ARME OTAN**
In codification, a weapon system selected by NATO Authorities for use by two or more NATO countries.	En codification, il s'agit d'un système d'arme choisi par les responsables de l'OTAN, pour être utilisé par 2 ou plusieurs pays OTAN.
NCAGE DATA GROUP -NCAGEDG- (DRN 9566)	**GROUPE DE DONNÉES NCAGE -GD NCAGE- (NDD 9566)**
See Sub-Section 543, DRN 9566	Voir Sous-section 543, NDD 9566
NCAGE DATA PREFIX CODE -NCAGEDPC- (DRN 9565)	**PREFIXE DE DONNEES NCAGE -PD NCAGE- (NDD 9565)**
See Sub-Section 543, DRN 9565	Voir Sous-section 543, NDD 9565
NCAGE NAME (DRN 8972)	**NOM DU NCAGE (NDD 8972)**
See Sub-Section 543, DRN 8972	Voir Sous-section 543, NDD 8972
NCAGE STATUS DESIGNATOR CODE -NCAGESD CODE- (DRN 2694)	**CODE POSITION NCAGE -CP NCAGE- (NDD 2694)**
See Sub-Section 543, DRN 2694	Voir Sous-section 543, NDD 2694
NEXT HIGHER ASSEMBLY	**ENSEMBLE IMMEDIATEMENT SUPERIEUR**
Assembly assuming a specific function as a part of a major equipment or component and considered in its turn as a major component in relation to the composite sub-assemblies or lesser assemblies.	Ensemble accomplissant une fonction bien déterminée faisant partie d'un matériel principal complet, ou un composant, et considéré à son tour comme un matériel principal vis à vis des sous-ensembles ou ensembles moins importants dont il est composé.

N

NOMENCLATURE	**NOMENCLATURE**
The item name, an Approved or Standard Item Name, and a minimum of information relating to the characteristics or technical details of the item to describe it sufficiently to permit differentiation between similar items.	Le nom d'un article, une Dénomination approuvée ou normalisée, plus un minimum de renseignements sur les caractéristiques ou particularités techniques de l'article qui le décrivent suffisamment pour permettre de le distinguer d'articles similaires.
NOMINAL VALUE	**VALEUR NOMINALE**
This value used for the purpose of general identification which is usually expressed as fractions, sizes, numbers or letters, code numbers or gauge numbers. Such a value MUST be established by military national or international standards, or by commercial or industrial standards/specifications.	Valeur utilisée à des fins d'identification générale et qui est habituellement exprimée en fractions, dimensions, chiffres ou lettres, codes ou calibres. Cette valeur DOIT être établie selon des normes militaires nationales ou internationales ou des normes/spécifications commerciales ou industrielles.
NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM CODE -NAICS CODE (DRN 6044)	**CODE DU SYSTÈME DE CLASSIFICATION DES INDUSTRIES DE L'AMÉRIQUE DU NORD -CODE NAICS- (NDD 6044)**
See Sub-Section 543, DRN 6044	Voir Sous-section 543, NDD 6044
NOTIFICATION OF CHANGED DATA (SEGMENT 1) (DRN 9121)	**NOTIFICATION DE RECTIFICATION (SEGMENT 1) (NDD 9121)**
See Sub-Section 512, DRN 9121	Voir Sous-section 512, NDD 9121
NON APPROVED ITEM NAME -NON AIN- (DRN 5020)	**DENOMINATION NON APPROUVEE –DENOM NA- (NDD 5020)**
See Sub-Section 543, DRN 5020	Voir Sous-section 543, NDD 5020
NORMAL CODIFICATION PROCEDURE	**PROCEDURE NORMALE**
Procedure for the completion of codification requests, when the Codification Contract Clause is incorporated in the procurement contract, within the maximum time frame determined by the Group of Directors AC/135.	Procédure pour le traitement des demandes de codification lorsque la clause de codification est incluse dans le contrat d'achat dans un délai maximum déterminé par le Groupe des directeurs AC/135.
NSPA MANAGEMENT CONTROL NUMBER -NMCN-	**NUMERO DE GESTION DE LA NSPA**
A number assigned by NSPA to an Item of Supply procured by NSPA for which no NATO Stock Number (NSN) is known. It consists of the four digit NATO Supply Class - NSC - (DRN 3990) followed by the NCB Code "09" and a 7 digit number.	Numéro attribué aux articles de ravitaillement gérés par la NSPA pour lesquels il n'existe pas de NNO. Il comprend les quatre chiffres de la classe OTAN (NDD 3990) suivis du code BNC de la NSPA "09" et d'un nombre à sept chiffres.

O

ONLINE MAINTENANCE TOOL	**OUTIL DE MAINTENANCE EN LIGNE**
Online tool within NSPA ePORTAL platform allowing different NCS users to submit and NCB to process NSN maintenance actions.	Outil en ligne au sein du Portail électronique de la NSPA permettant à différents utilisateurs SOC de soumettre et aux BNC de traiter des opérations de maintenance sur les NNO.

O

ORIGINATOR CODE (DRN 4210)	**CODE ORIGINE -CODE ORIG- (NDD 4210)**
See Sub-Section 543, DRN 4210	Voir Sous-section 543, NDD 4210
ORIGINATOR OF STANDARDIZATION DECISION - ORIG STDZ DEC - (DRN 9325)	**ORIGINE DE LA DECISION DE NORMALISATION (NDD 9325)**
See Sub-Section 543, DRN 9325	Voir Sous-section 543, NDD 9325
OUTFIT	**OUTILLAGE**
A collection of related items issued as a single item of supply, such as the tools, instruments, materials, equipment and/or instruction manual(s) for the practice of a trade or profession or for the carrying out of a particular project or function. Use only when the term "outfit" is a part of the item name.	Ensemble d'articles apparentés fourni sous forme d'un article de ravitaillement unique, tels que des outils instruments, matériaux et/ou manuels d'instruction pour la pratique d'un commerce ou d'une fonction particulière. A n'utiliser que lorsque de terme "outillage" fait partie d'une dénomination.
OUTPUT DATA REQUEST CODE -ODRC- (DRN 4690)	**DEMANDE CODEE DE DONNEES -DCD- (NDD 4690)**
See Sub-Section 543, DRN 4690	Voir Sous-section 543, NDD 4690
OUTPUT FILE DATA SUB-HEADER (SEGMENT L) (DRN 9110)	**EN-TÊTE INTERMÉDIAIRE SORTIE FICHIER (SEGMENT L) (NDD 9110)**
See Sub-Section 543, DRN 9110	Voir Sous-section 543, NDD 9110
OUTPUT TRANSACTION	**OPERATION DE SORTIE**
Output data forwarded in the framework of the international data exchange as file maintenance data to the Total Item Record or given for information.	Données de sortie fournies dans le cadre de l'échange international des données et constituant une mise à jour du Fichier général des identifications ou envoyées à titre d'information.

P

PACKAGE	**ENSEMBLE D'UNE SOUMISSION**
A combination of related data elements to be accepted or rejected as a whole.	Un ensemble de données rattachées entre elles qui sera accepté ou rejeté en totalité.
PACKAGE SEQUENCE NUMBER -PSN- (DRN 1070)	**NUMERO DE SEQUENCE -NS- (NDD 1070)**
See Sub-Section 543, DRN 1070	Voir Sous-section 543, NDD 1070
PANEL A (AC/135)	**COMMISSION A (AC/135)**
A panel on general matters concerning NATO Codification composed of representatives of the NATO and Tier 2 sponsored countries acting as the executive to and preparation panel for codification matters.	Cette commission traite des questions générales relatives à la codification OTAN. Elle est composée des représentants des pays de l'OTAN et des pays parrainés au niveau 2, agit en tant que commission responsable et prépare les questions de codification.

P

PARITY	**PARITE**
The means of protection against recording errors. On the parity track, bit "1" is or is not recorded so that the sum of bits "1" for each byte is even (even parity) or odd (odd parity). (In codification, NATO Standard: odd).	Moyen de protection contre les erreurs d'enregistrement sur la piste de parité, l'élément binaire (BIT) "1" est enregistré ou non, de telle sorte que la somme des éléments binaires "1" pour chaque multiplet soit paire (parité paire) ou impaire (parité impaire). (En codification, Standard OTAN: parité impaire).
PART	**PIECE**
An item forming a part of an assembly or sub-assembly, which is not normally further broken down.	Article constituant une partie d'un ensemble ou d'un sous ensemble et qui n'est pas normalement dissociable en plusieurs parties.
PARTIAL MATCH	**CORRESPONDANCE PARTIELLE**
See MATCH.	Voir CORRESPONDANCE.
PART NAME	**NOM DE PIECE OU NOM D'ARTICLE**
The name used to designate an item of production by the manufacturer or designer of that item. It may, in certain circumstances, be used as an item name, either as it stands or with suitable modifier(s) when the item of production is required to be catalogued as an item of supply.	Nom attribué à un article de production par le fabricant ou le concepteur de cet article. Il peut, dans certains cas, être utilisé comme dénomination soit tel quel, soit accompagné du ou des modificateurs appropriés, quand l'article de production doit être catalogué comme article de ravitaillement.
PART NUMBER	**NUMERO DE PIECE**
See REFERENCE NUMBER.	Voir NUMERO DE REFERENCE.
PERFORMANCE CHARACTERISTICS	**CARACTERISTIQUES DE PERFORMANCE**
Special or particular operational features inherent in an item of production which aid in either identifying the item or in differentiating between it and other similar items.	Capacité fonctionnelle spéciale ou particulière à un article de production et qui aide à identifier cet article ou à le distinguer d'articles similaires.
PERMANENT SYSTEM CONTROL NUMBER -PSCN -	**NUMERO DE NOMENCLATURE PREVISIONNEL - NNP-**
See ASSIGNED PERMANENT SYSTEM CONTROL NUMBER.	Voir NUMERO DE NOMENCLATURE PREVISIONNEL ATTRIBUE.
PHRASE CODE -PHRASE- (DRN 2862)	**CODE PHRASE -PHRASE- (NDD 2862)**
See Sub-Section 543, DRN 2862	Voir Sous-section 543, NDD 2862
PHYSICAL CHARACTERISTICS	**CARACTERISTIQUES PHYSIQUES**
Structural, material, dimensional, electrical, chemical composition, or attachment/fastening features inherent in an item of production which aid in identifying the item of supply or in differentiating between it and other similar items.	Données relatives à la structure, la matière, les dimensions, les caractéristiques électriques, la composition chimique ou le système de fixation ou de fermeture d'un article de production, qui aident à identifier l'article de ravitaillement ou à le distinguer d'articles similaires.

P	
PHYSICAL DRAWING IDENTIFIER –PHYS DWG ID- (DRN 5037)	**IDENTIFICATEUR DU DESSIN PHYSIQUE –ID DESS PHYS- (NDD 5037)**
See Sub-Section 543, DRN 5037	Voir Sous-section 543, NDD 5037
PHYSICAL SECURITY/PILFERAGE CODE -PS/PC- (DRN 2863)	**CODE SECURITE ET PROTECTION CONTRE LE VOL -CS/PV (NDD 2863)**
See Sub-Section 543, DRN 2863	Voir Sous-section 543, NDD 2863
PIECE PART	**PIECE**
See PART.	
PILOT COUNTRY	**PAYS PILOTE**
In codification, the NATO country appointed by the Group of National Directors to manage certain aspects of the NATO Codification System for the benefit of all NATO countries.	En codification, le pays de l'OTAN désigné par le Groupe des directeurs nationaux afin d'agir comme dirigeant de certains aspects du Système OTAN de codification au profit de tous les pays de l'OTAN.
POSSIBLE DUPLICATE	**DOUBLE POSSIBLE**
A proposed new item identification which is not an actual duplicate of an existing item identification but is sufficiently similar to warrant further review and which is returned to the submitter with a copy of the existing item identification for additional review.	Projet d'identification nouvelle qui, sans être exactement le double d'une identification existante, en est suffisamment proche pour justifier un examen plus approfondi et qui est retourné au soumettant, avec un exemplaire de l'identification existante pour examen complémentaire.
POSSIBLE MATCH	**CORRESPONDANCE POSSIBLE**
See MATCH.	Voir CORRESPONDANCE.
POST OFFICE BOX (DRN 1361)	**BOÎTE POSTALE (NDD 1361)**
See Sub-Section 543, DRN 1361	Voir Sous-section 543, NDD 1361
POSTAL ADDRESS CITY (DRN 2659)	**VILLE DE L'ADRESSE POSTALE (NDD 2659).**
See Sub-Section 543, DRN 2659	Voir Sous-section 543, NDD 2659
POSTAL ADDRESS POSTAL CODE (DRN 2660)	**CODE POSTAL DE L'ADRESSE POSTALE (NDD 2660)**
See Sub-Section 543, DRN 2660	Voir Sous-section 543, NDD 2660
PRELIMINARY SCREENING	**CRIBLAGE PRELIMINAIRE**
A process initiated by the procuring country presenting to the NCB of the producing country references of procured items or of those intended to be procured in order to reveal, by screening action, any existing NATO Stock Numbers recorded.	Procédure initiée par un pays acquéreur qui présente au BNC du pays producteur les Groupes fabricants référence des articles achetés ou qu'il prévoit d'acheter afin de révéler par criblage tous les Numéros de nomenclature OTAN enregistrés.
PRIMARY REFERENCE NUMBER	**NUMERO DE REFERENCE PRINCIPAL**
Reference Number determining the item of supply concept characterized by the Reference Number Category Code "1", "2", "3" or "4". (See Sub-Section 232).	Numéro de référence déterminant le concept d'article de ravitaillement et caractérisé par un Code catégorie de référence "1", "2", "3" ou "4". (Voir Sous-section 232).

P

PRIORITY INDICATOR CODE -PIC- (DRN 2867)	**CODE PRIORITE -CP- (NDD 2867)**
See Sub-Section 543, DRN 2867	Voir Sous-section 543, NDD 2867
PROCURING COUNTRY	**PAYS ACQUEREUR**
Country which procures or contemplates procurement of a particular equipment and spare parts and for which codification services are required.	Pays qui envisage ou a décidé l'achat d'un équipement particulier et de ses rechanges et pour lesquels des services de codification sont requis.
PRODUCING COUNTRY	**PAYS PRODUCTEUR**
A country responsible for the codification of equipment and spare parts of which it controls design, characteristics and production by means of engineering drawings, specifications and inspection requirements.	Pays responsable de la codification du matériel et des pièces de rechange et dont il contrôle la conception, les caractéristiques et la production par des plans industriels, des spécifications, et des inspections.

Q

QUANTITY PER UNIT PACK CODE –QUP- (DRN 6106)	**QUANTITE PAR UNITE D'EMBALLAGE-QUE- (NDD 6106)**
See Sub-Section 543, DRN 6106	Voir Sous-section 543, NDD 6106

R

RECOMMENDED SPARE PARTS LIST -RSPL-	**LISTE DE COMPOSITION DE MATERIEL -LCMA-**
List established by the contractor and containing the recommended spare parts necessary for the maintenance of the equipment during a pre-determined period. After selection of the items, this list is used as the basis for codification requests.	Liste établie par le contractant contenant les pièces de rechange recommandées nécessaires pour la maintenance du matériel pendant une période bien déterminée. Après sélection des articles retenus, cette liste sert de base pour l'établissement des demandes de codification.
RECORD FORMAT	**FORMAT ENREGISTREMENT**
Defined lay-out of data by data elements, sequence and length. The fixed length record format is used as a media for the electronic interchange of data. Record formats are restricted to eighty columns and contain common control fields which facilitate processing of transactions containing more than one record.	Représentation de données définies en séquence et en longueur par des éléments de données. Le format enregistrement de longueur fixe est conçu pour l'échange électronique des données. Les formats enregistrement sont limités à quatre-vingts colonnes et ont des zones communes de contrôle qui facilitent le traitement d'opérations composées de plusieurs enregistrements.
RECORD POSITION -CC-	**COLONNE -COL-**
See Sub-Section 512.	Voir Sous-section 512.
RECORDING CODE	**CODE D'ENREGISTREMENT**
The combination of bits allowing the recording of the characters used in a given system. (In codification, NATO Standard: EBCDIC: Extended Binary Coded Decimal Interchange Code).	Combinaison de "bits" permettant la représentation des caractères utilisés dans un système donné. (En codification, standard OTAN: EBCDIC: code décimal de correspondance transcrit en code binaire).

R

RECORDING METHOD	**MODE D'ENREGISTREMENT**
The recording technique of magnetic signals. (In codification, NATO Standard: Phase Modulation).	Technique d'enregistrement des signaux magnétiques. (En codification, standard OTAN: modulation de phase).
REFERENCE -REF- (DRN 0846)	**GROUPE FABRICANT REFERENCE -GFR- (NDD 0846)**
See Sub-Section 543, DRN 0846	Voir Sous-section 543, NDD 0846
RECORDED SUSPENSE FILE ENTRY DATE (DRN 0870)	**DATE D'ENTREE DANS LE FICHIER D'ATTENTE (NDD 0870)**
See Sub-Section 543, DRN 0870	Voir Sous-section 543, NDD 0870
REFERENCE DRAWING -RD-	**DESSIN DE REFERENCE -DR-**
An illustration which portrays and identifies general details of items of supply being identified. They are as broad in scope as possible so that a number of items may be covered by a single drawing and they may not include dimensional requirements.	Illustration qui décrit et identifie des détails généraux des articles de ravitaillement faisant l'objet d'une identification. Ils sont d'une portée aussi large que possible de telle façon qu'un certain nombre d'articles puissent être couverts par un seul dessin et ne peuvent pas inclure des données dimensionnelles.
REFERENCE DRAWING GROUP -RDG-	**GROUPE DE DESSINS DE REFERENCE -GDR-**
Consists of one or more reference drawings cited in an Item Identification Guide for use in the preparation of item identifications, or incorporated in an item name definition when a word definition is inadequate to establish a demarcation between closely related item names.	Consiste en un ou plusieurs dessins de référence cités dans un Guide d'identification d'articles et utilisés pour l'établissement d'identification ou qui sont joints à une définition d'articles quand la définition écrite est insuffisante pour établir la démarcation entre des dénominations très voisines.
REFERENCE METHOD OF ITEM IDENTIFICATION	**IDENTIFICATION PAR REFERENCE**
Establishes the identification of an item of supply by reference(s) to the item identifying number(s) of one or more manufacturers, denoting the item or items of production included under the same concept.	Etablit l'identité d'un article de ravitaillement en se référant au(x) numéro(s) identifiant(s) de l'(des) article(s) d'un ou de plusieurs fabricants indiquant le (les) article(s) de production inclus dans le même concept.
REFERENCE NUMBER (DRN 3570)	**NUMERO DE REFERENCE (NDD 3570)**
See Sub-Section 543, DRN 3570	Voir Sous-section 543, NDD 3570
REFERENCE NUMBER ACTION ACTIVITY CODE -RNAAC- (DRN 2900)	**CODE RESPONSABILITE DU CODE DISPONIBILITE DE DOCUMENT -CRCDD- (NDD 2900)**
See Sub-Section 543, DRN 2900	Voir Sous-section 543, NDD 2900
REFERENCE NUMBER CATEGORY CODE -RNCC- (DRN 2910)	**CODE CATEGORIE DE REFERENCE -CCR- (NDD 2910)**
See Sub-Section 543, DRN 2910	Voir Sous-section 543, NDD 2910
REFERENCE NUMBER FORMAT CODE -RNFC- (DRN 2920)	**CODE MODE D'ECRITURE DE LA REFERENCE -CMER- (NDD 2920)**
See Sub-Section 543, DRN 2920	Voir Sous-section 543, NDD 2920

R	
REFERENCE NUMBER FORMATTING	**ECRITURE DES NUMEROS DE REFERENCE**
See FORMATTING OF REFERENCE NUMBERS	Voir MODE D'ECRITURE DES NUMEROS DE REFERENCE
REFERENCE NUMBER JUSTIFICATION CODE -RNJC- (DRN 2750)	**CODE JUSTIFICATION DE LA REFERENCE -CJR- (NDD 2750)**
See Sub-Section 543, DRN 2750	Voir Sous-section 543, NDD 2750
REFERENCE NUMBER STATUS CODE -RNSC- (DRN 2923)	**CODE VALEUR DE LA REFERENCE POUR L'APPROVISIONNEMENT -CVRA- (NDD 2923)**
See Sub-Section 543, DRN 2923	Voir Sous-section 543, NDD 2923
REFERENCE NUMBER VARIATION CODE -RNVC- (DRN 4780)	**CODE VALEUR DE LA REFERENCE -CVR- (NDD 4780)**
See Sub-Section 543, DRN 4780	Voir Sous-section 543, NDD 4780
REFERENCE OR PARTIAL DESCRIPTIVE METHOD REASON CODE -RPDMRC- (DRN 4765)	**CODE JUSTIFICATION DE LA METHODE -CJM- (NDD 4765)**
See Sub-Section 543, DRN 4765	Voir Sous-section 543, NDD 4765
REGISTRATION OF USER	**INSCRIPTION UTILISATEUR**
See USER REGISTRATION.	
REINSTATEMENT NSN	**RETABLISSEMENT D'UN NNO**
Action resulting from a proposal submitted by a national user or NATO or sponsored country/NSPA to reinstate a cancelled item identification when it represents an item of supply currently active in the supply system provided that it does not duplicate another item identification.	Action résultant d'une proposition d'un utilisateur national ou un pays OTAN/un pays parrainé/la NSPA afin de rétablir une identification annulée lorsqu'elle représente un article de ravitaillement généralement actif dans la chaîne d'approvisionnement à condition qu'elle ne fasse pas double emploi avec une autre identification.
REPAIR PARTS	**PIECES DETACHEES**
Spare or maintenance parts used to repair, service, maintain or to complete items of equipment under field conditions; these parts are normally codified for supply management purposes.	Pièces de rechange et accessoires utilisés pour réparer, entretenir ou compléter le matériel en compagne; celles-ci sont normalement codifiées à des fins de gestion logistique.
REPLACEMENT NCAGE (DRN 3595)	**CODE NCAGE CONSERVÉ (NDD 3595)**
See Sub-Section 543, DRN 3595	Voir Sous-section 543, NDD 3595
REPLACEMENT NSN, CANCELLATION (DRN 8875)	**NNO CONSERVE, ANNULATION (NDD 8875)**
See Sub-Section 543, DRN 8875	Voir Sous-section 543, NDD 8875

R	
REPLY CODE	**CODE REPONSE**
Controlled alphanumeric codes contained in the reply tables of an Item Identification Guide permitting replies to requirements in coded language and used in the General Decoding Tool as System Support Record element for decoding purposes. See also CODED REPLY.	Codes alpha numériques contenus dans les Tables de réponse d'un Guide d'identification d'articles permettant des réponses aux questions en langage codé et utilisés dans l'Outil général de décodage comme élément des fichiers pilotes à des fins de décodage.
REPLY DATA	**REPONSE**
Item characteristics data structured in coded and/or clear language.	Données caractéristiques structurées soit en code soit en clair.
REPLY TABLE CODE, MASTER REQUIREMENTS DIRECTORY -RTC MRD- (DRN 8254)	**CODE TABLE DE REPONSE, REPERTOIRE DES QUESTIONS PRINCIPALES - CODE TAB REP MRD- (NDD 8254)**
See Sub-Section 543, DRN 8254	Voir Sous-section 543, NDD 8254
REPLY TABLE CODE, IIG DECODE GUIDES -RTC IIGDG- (DRN 3845)	**CODE TABLE DE REPONSE, GUIDES DE DECODAGE DES GIA -CODE TABLE REPONSE GD GIA- (NDD 3845)**
See Sub-Section 543, DRN 3845	Voir Sous-section 543, NDD 3845
REPORTABLE ITEM CODE –RIC- (DRN 9572)	**REPORTABLE ITEM CODE –RIC- (NDD 9572)**
See Sub-Section 543, DRN 9572	Voir Sous-section 543, NDD 9572
REPRODUCED ITEM	**ARTICLE REPRODUIT**
Item of which the reproduction is achieved under the terms of a licensing agreement between the original manufacturer and the reproducing manufacturer or within the context of an existing agreement between the competent authorities of the appropriate governments. The reproduction must conform fully with the original drawings and/or standards/specifications. Minor deviations which do not affect the item of supply concept may be approved by the originating NATO or sponsored country.	Article dont la reproduction est effectuée en vertu d'un accord de licence entre le fabricant d'origine et le fabricant reproducteur ou d'un accord existant entre les autorités compétentes des gouvernements des pays concernés. La reproduction doit s'effectuer en pleine conformité avec les dessins et/ou spécifications d'origine. Des déviations mineures n'affectant pas le concept d'article de ravitaillement peuvent être acceptées par le pays de l'OTAN ou le pays parrainé d'origine.
REQUIREMENT -RQMT-	**QUESTION**
See ITEM CHARACTERISTICS DATA REQUIREMENT	Voir QUESTION SUR LES CARACTERISTIQUES.
REQUIREMENT REPLY INSTRUCTION -RQMT REPLY INSTRUCTION- (DRN 2648)	**INSTRUCTION POUR RÉPONSE À UN MRC (NDD 2648)**
See Sub-Section 543, DRN 2648	Voir Sous-section 543, NDD 2648
REQUIREMENT STATEMENT -RQMT STAT- (DRN 3614)	**QUESTION GUIDE D'IDENTIFICATION D'ARTICLES -QGIA- (NDD 3614)**
See Sub-Section 543, DRN 3614	Voir Sous-section 543, NDD 3614
REQUIREMENT STATEMENT DEFINITION -RQMT STAT DEF- (DRN 5027)	**DEFINITION DE LA QUESTION GIA -DEF QGIA- (NDD 5027)**
See Sub-Section 543, DRN 5027	Voir Sous-section 543, NDD 5027

R

REQUIREMENT STRUCTURE -RQMT STRUCTURE-	**STRUCTURE DES QUESTIONS**
The structure of an Item Identification Guide requirement, divided into three parts: the title, the definition and the reply instructions.	La structure d'une question dans un Guide d'identification d'articles divisée en trois parties: le libellé, la définition et les instructions en vue de la réponse.
RETURN CODE -RET CODE- (DRN 9480)	**CODE RETOUR -CODE RET- (NDD 9480)**
See Sub-Section 543, DRN 9480	Voir Sous-section 543, NDD 9480

S

SCHEDULE B (DRN 0435)	**SCHEDULE B (NDD 0435)**
See Sub-Section 543, DRN 0435	Voir Sous-section 543, NDD 0435
SCREEN (SCREENING)	**CRIBLER (CRIBLAGE)**
A process of comparing, manually or by automation, item identifications to reveal identicality of references to existing NATO Stock Numbers.	Opération de comparaison manuelle ou par TAD entre des identifications pour révéler des identités ou entre des références pour révéler des Numéros de nomenclature OTAN existants.
SCREENING REQUEST	**DEMANDE DE CRIBLAGE**
International transaction used to submit Reference(s) to be screened against the Total Item Record to determine if the Reference(s) is (are) related to an existing item identification.	Opération internationale qui sert à soumettre un ou des Groupes fabricant référence en vue de leur criblage sur le Fichier général des identifications pour déterminer si cette ou ces références correspondent à celles d'une identification existante.
SEARCH BY REFERENCE	**RECHERCHE SUR REFERENCE**
See SCREENING REQUEST.	Voir DEMANDE DE CRIBLAGE.
SECONDARY ADDRESS CODE -SAC- (DRN 8990)	**CODE SECONDAIRE (SAC) (NDD 8990)**
See Sub-Section 543, DRN 8990	Voir Sous-section 543, NDD 8990
SECONDARY REFERENCE	**REFERENCE SECONDAIRE**
Additional Reference Number characterized by a Reference Number Category Code "5". (See Sub-Section 553 - Table 08).	Numéro de référence additionnelle caractérisé par un Code catégorie de référence "5". (Voir Sous-section 553 - Table 08).
SEGMENT	**SEGMENT**
See DATA SEGMENT.	
SEGMENT AVAILABILITY/REQUIREMENT TABLE	**TABLE DES SEGMENTS DESPONIBLES ET REQUIS**
See Sub-Section 472.	Voir Sous-section 472.
SEGMENT CODE (DRN 8999)	**CODE SEGMENT -CODE SEG- (NDD 8999)**
See Sub-Section 543, DRN 8999	Voir Sous-section 543, NDD 8999

S

SEGMENT LENGTH -SEG LEN- (DRN 0189)	**LONGUEUR DU SEGMENT -LONG SEG- (NDD 0189)**
See Sub-Section 543, DRN 0189	Voir Sous-section 543, NDD 0189
SEGMENT V TERMINATOR CODE -SVTC- (DRN 0339)	**FIN DE SEGMENT V -FIN SEG V- (NDD 0339)**
See Sub-Section 543, DRN 0339	Voir Sous-section 543, NDD 0339
SET	**JEU**
A collection of matched or related items issued as a single item of supply, i.e., tool sets instrument sets, and matched sets. Use only when the term "set" is a part of the item name.	Ensemble d'articles apparentés ou correspondants, fournis sous forme d'articles de ravitaillement unique tels que des jeux d'outils, d'instruments et de jeux assortis. A n'utiliser que lorsque le terme jeu figure dans la dénomination.
SHIPMENT	**ENVOI**
Each transmission of codification operations (request for data, updating and notification of processing completed).	Chaque transmission d'opérations de codification (demandes de données, mises à jour et notification de traitements effectués).
SOURCE CONTROL REFERENCE	**REFERENCE DE CONTROLE D'ORIGINE**
Primary Reference Number characterized by a Reference Number Category Code "1". (See Sub-Section 553 - Table 08).	Numéro de référence principale caractérisé par un Code catégorie de référence "1". (Voir Sous-section 553 - Table 08).
SPARE PART	**PIECE DE RECHANGE**
In codification, individual parts, sub-assemblies and assemblies (components) supplied for the maintenance or overhaul of equipment. (See ITEM OF SUPPLY).	Ce sont, en codification les pièces, sous-ensembles et ensembles (composants) fournis pour l'entretien et la réparation, ou la révision d'un matériel. (Voir ARTICLE DE RAVITAILLEMENT).
SPECIAL FEATURES	**CARACTERISTIQUES SPECIALES**
The characteristics of an item of supply for which no requirements are available in the Item Identification Guide and which are essentially performed by or contained in the physical structure of an item and which differentiate an item from other similar item(s).	Caractéristiques d'un article de ravitaillement pour lesquels le Guide d'identification d'articles ne prévoit pas de questions. Ces caractéristiques sont propres à la structure de l'article et le distinguent des autres articles similaires.
SPECIFICATION -SPEC-	**SPECIFICATION -SPEC-**
A clear and accurate description of the technical requirements for a materiel, or a service, including the procedure by which it will be determined that the requirements have been met.	Description claire et exacte des conditions techniques qui doit remplir un matériel ou un service, y compris la procédure de contrôle permettant de vérifier que ces conditions sont bien remplies.

S

STANDARD ITEM NAME	DENOMINATION NORMALISEE D'UN ARTICLE
A name used to designate a type of item, such name being generally accepted by standards, industry and/or Government Departments, agreed upon by two or more countries for an item which is in each of their supply systems but which would not usually be given an Approved Item Name (when two or more names have been given to the same item of supply concept e.g. bushing, washer and spacer, one of the names, the more descriptive one, will be standardized for the item).	Dénomination utilisée pour désigner un type d'article, généralement acceptée dans des normes, par l'industrie et/ou par les services officiels; deux ou plusieurs pays pourront, après accord, normaliser une dénomination pour un article entrant dans leur système d'approvisionnement mais qui ne justifierait pas l'attribution d'une Dénomination approuvée (quand un même concept d'article de ravitaillement fait l'objet de plusieurs dénominations, par exemple, tuyau, tube, canalisation, la dénomination la plus expressive sera retenue comme dénomination normalisée).
STANDARDIZATION	**STANDARDISATION/NORMALISATION**
See ITEM STANDARDIZATION.	Voir NORMALISATION D'ARTICLE.
STANDARD TYPE DESIGNATOR -STD TD-	**INDICATEUR DU TYPE DE NORME**
A structured number consisting of the International Standard Number or symbol and codes indicating one or more standard data elements in order to distinguish the single items covered by the appropriate Standard/Specification.	Un numéro structuré se composant du Numéro de norme internationale ou le symbole et les codes indiquant un ou plusieurs éléments de données standard afin de distinguer les articles uniques couverts par la norme/spécification appropriée.
STANDARDIZATION DECISION DATA	**DONNEES DE DECISION DE NORMALISATION**
See Sub-Section 543, Segment E - Standardization Relationship Data (DRN 9104).	Voir Sous-section 543, Segment E - Décision de normalisation (NDD 9104).
STANDARD REQUIREMENT -SR-	**QUESTION STANDARD -QS-**
A lengthy requirement which, because it is used repeatedly in Item Identification Guides, has been put in standardized form.	Une très longue question qui, utilisée fréquemment dans des Guides d'identification d'articles, a été mise sous forme normalisée.
STATION SERIAL NUMBER – XML (DRN 9765)	**NUMÉRO DE SÉRIE DE LA STATION – XML (NDD 9765)**
See Sub-Section 543, DRN 9765	Voir Sous-section 543, NDD 9765
STATISTICAL CLASSIFICATION OF ECONOMIC ACTIVITIES IN THE EUROPEAN COMMUNITY CODE -NACE CODE- (DRN 2657)	**CODE DE LA NOMENCLATURE STATISTIQUE DES ACTIVITÉS ÉCONOMIQUES DANS LA COMMUNAUTÉ EUROPÉENNE -CODE NACE- (NDD 2657)**
See Sub-Section 543, DRN 2657	Voir Sous-section 543, NDD 2657
STATISTICAL INDICATOR CODE -SIC- (DRN 3708)	**CODE STATISTIQUE DE RECHERCHE -CODE STAT- (NDD 3708)**
See Sub-Section 543, DRN 3708	Voir Sous-section 543, NDD 3708
STEERING COMMITTEE (AC/135)	**COMITE DIRECTEUR (AC/135)**
A committee composed of representatives of NATO countries, responsible for the organization of all events in the field of NATO Codification (e.g. Symposium).	Un comité composé par des représentants des pays de l'OTAN chargé de l'organisation de toute manifestation dans le domaine de la codification OTAN (par ex. Colloque).

S	
STREET ADDRESS LINE 1 (DRN 1082)	**ADRESSE GÉOGRAPHIQUE (PREMIÈRE LIGNE) (NDD 1082)**
See Sub-Section 543, DRN 1082	Voir Sous-section 543, NDD 1082
STREET ADDRESS LINE 2 (DRN 1083)	**ADRESSE GÉOGRAPHIQUE (DEUXIÈME LIGNE) (NDD 1083)**
See Sub-Section 543, DRN 1083	Voir Sous-section 543, NDD 1083
STYLE NUMBER, ITEM IDENTIFICATION GUIDE -STYLE NO, IIG- (DRN 0768)	**NUMERO DE MODELE, GIA -NO MODELE GIA- (NDD 0768)**
See Sub-Section 543, DRN 0768	Voir Sous-section 543, NDD 0768
SUB-ASSEMBLY	**SOUS-ENSEMBLE**
A portion of an assembly, consisting of two or more parts, that can be provisioned and replaced as an entity. See also ASSEMBLY; COMPONENT; PART. **NOTE**: The distinction between an assembly and a sub-assembly is not always exact, an assembly in one instance may be a sub-assembly in another where it forms a portion of an assembly.	Assemblage de deux ou plusieurs pièces montées sur un ensemble ou un élément remplaçable comme un tout, mais comprenant une ou plusieurs pièces qui peuvent être remplacées séparément. **NOTE**: La distinction entre ensemble et sous-ensemble n'est pas toujours exacte; un ensemble dans un cas peut être un sous-ensemble dans un autre où il forme une partie d'un ensemble.
STYLE NUMBER IDENTIFIER CODE, IIG - STYL NO IC IIG – (DRN 0767)	**CODE IDENTIFIANT LE NUMÉRO DU MODÈLE, GIA -CINM GIA- (NDD 0767)**
See Sub-Section 543, DRN 0767	Voir Sous-section 543, NDD 0767
SUB-GROUP (AC/135)	**SOUS-GROUPE (AC/135)**
A group composed of representatives of the NATO countries responsible for the co-ordination of codification specific equipment and projects (in particular NATO Common Projects).	Un groupe composé par les représentants des pays de l'OTAN chargé de la coordination de la codification des matériels et des projets communs spécifiques. (En particulier les projets OTAN communs)
SUBMITTED PACKAGE SEQUENCE NUMBER -SPSN- (DRN 8328)	**NUMERO DE SEQUENCE SOUMIS -NSS- (NDD 8328)**
See Sub-Section 543, DRN 8328	Voir Sous-section 543, NDD 8328
SUBMITTER CODE (DRN 3720)	**CODE SOUMETTANT -CODE SOUM- (NDD 3720)**
See Sub-Section 543, DRN 3720	Voir Sous-section 543, NDD 3720
SUBSTITUTE ITEM	**ARTICLE DE REMPLACEMENT**
An item authorized for issue in replacement for an item of supply of like nature and quality.	Article de même nature et de même qualité que l'article de ravitaillement normalement utilisé et dont la distribution est autorisée à défaut de ce dernier.
SUPPLEMENTARY DATA	**DONNEES SUPPLEMENTAIRES**
That part of the item identification which, while not being necessary to establish the item's identity, is added to record data which may be useful to Provision and Production Authorities for supply management.	Partie d'une identification qui, bien qu'elle ne soit pas indispensable pour établir l'identité de l'article, est ajoutée de manière à fournir aux services de ravitaillement et de production des données qui peuvent être utiles à la gestion.

S	
SUPPLY	**APPROVISIONNEMENT, RAVITAILLEMENT**
Supply operations normally consist of the determination of requirements, provisioning, receipt, storage, stock replenishment, disposal and other similar operations.	Les opérations normales de ravitaillement comprennent la détermination des besoins, l'approvisionnement, le réception le stockage, le ravitaillement proprement dit, le recomplètement des stocks l'élimination des matériels et autres opérations similaires.
SUPPLY CODE FOR MANUFACTURER	**CODE NCAGE**
See NATO COMMERCIAL AND GOVERNMENT ENTITY CODE.	
SUPPLY MANAGEMENT DATA	**DONNEES DE GESTION-DG**
Data elements which do not affect NSN assignment registered in Segment H (DRN 9108 - See Sub-Section 543) and required for the management of items of supply.	Données, n'affectant pas l'attribution d'un NNO enregistrées dans le Segment H (NDD 9108 - Voir Sous-section 543). Elles sont requises pour la gestion des articles de ravitaillement.
SUSPENSE FILE	**FICHIER D'ATTENTE**
System Support Record containing all requests for codification services in process.	Fichier auxiliaire contenant toutes les demandes de services de codification en cours de traitement.
SYSTEM SUPPORT RECORD -SSR-	**FICHIER PILOTE -FP-**
Tables, indexes, guides etc. recorded on computer files that interface with the Total Item Record in the processing of input/output transactions.	Tables, index, guides etc. enregistrés sur support informatique qui interviennent sur le Fichier général des identifications au cours du traitement des opérations d'entrée/de sortie.

T	
TABLE COUNT (DRN 0848)	**COMPTAGE DES TABLES (NDD 0848)**
See Sub-Section 543, DRN 0848	Voir Sous-section 543, NDD 0848
TASK GROUP -TG- (AC/135)	**GROUPE DE TRAVAIL -GT- (AC/135)**
A group established by the AC/135 Panels. It is composed of representatives of NATO countries and meets periodically until its terms of reference are fulfilled. (See also WORKING GROUP).	Ce groupe est institué par les Commissions AC/135. Il se compose des représentants des pays de l'OTAN intéressés et se réunit périodiquement jusqu'à ce que le mandat qui lui est dévolu soit achevé. Voir également GROUPE DE TRAVAIL.
TECHNICAL DOCUMENT NUMBER (DRN 2893)	**NUMERO DU DOCUMENT TECHNIQUE (NDD 2893)**
See Sub-Section 543, DRN 2893	Voir Sous-section 543, NDD 2893
TELEPHONE NUMBER (DRN 8974)	**NUMÉRO DE TÉLÉPHONE (NDD 8974)**
See Sub-Section 543, DRN 8974	Voir Sous-section 543, NDD 8974

T

TIME FRAME	**DELAI**
Period of time as determined by the Group of Directors AC/135, allowed for the completion of the codification services.	Période déterminée par le Groupe des Directeurs AC/135 pendant laquelle les services de codification doivent être menés à bien.
TOOLS, CODIFICATION	**OUTILS, CODIFICATION**
Manuals and handbooks containing rules, procedures, formats, codes etc. pertinent to codification and developed for mandatory use by participating countries effecting the NATO Codification System.	Manuels et recueils contenant les règles, procédures, formats, codes etc. concernant la codification et auxquels doivent se conformer obligatoirement les pays participant au Système OTAN de codification.
TOTAL ITEM RECORD -TIR-	**FICHIER GENERAL DES IDENTIFICATIONS -FGI-**
Combination of segments containing all the data related to the NATO Stock Numbers registered in the file of a NCB and used for the national and international exchange of data.	Combinaison de segments contenant toutes les données relatives aux Numéros de nomenclature OTAN enregistrés dans le fichier d'un BNC et utilisés dans l'échange national et international des données.
TRACK	**PISTE**
The longitudinal area of the magnetic tape on which a series of magnetic signals can be recorded. (In codification, Standard : 9 tracks).	Zone longitudinale de la bande magnétique sur laquelle une suite de signaux magnétiques peut être enregistrée. (En codification, standard OTAN : 9 pistes).
TRANSACTION DATE (DRN 2310)	**DATE DU DOCUMENT -DATE DOC- (NDD 2310)**
See Sub-Section 543, DRN 2310	Voir Sous-section 543, NDD 2310
TRANSMISSION	**TRANSMISSION**
A part of a File (or a complete File) intended for one end-user and terminated by a KWA; it can contain several Messages.	Partie de fichier (ou fichier complet) destiné à un utilisateur et se terminant pas un KWA; il peut contenir plusieurs messages.
TYPE OF ITEM IDENTIFICATION CODE -TYPE II CODE- (DRN 4820)	**CODE TYPE D'IDENTIFICATION -C TYPE IDENT- (NDD 4820)**
See Sub-Section 543, DRN 4820	Voir Sous-section 543, NDD 4820
TYPE OF ORGANIZATIONAL ENTITY CODE -TYPE O.E. CODE- (DRN 4238)	**CODE TYPE D'ORGANISME -C TYPE ORG- (NDD 4238)**
See Sub-Section 543, DRN 4238	Voir Sous-section 543, NDD 4238

U

UNIT OF ISSUE -UI- (DRN 3050)	**UNITE DE DISTRIBUTION -UD- (NDD 3050)**
See Sub-Section 543, DRN 3050	Voir Sous-section 543, NDD 3050
UNITED NATIONS STANDARD PRODUCTS AND SERVICES CODE –UNSPSC- (DRN 9574)	**UNITED NATIONS STANDARD PRODUCTS AND SERVICES CODE –UNSPSC- (NDD 9574)**
See Sub-Section 543, DRN 9574	Voir Sous-section 543, NDD 9574

U

USER REGISTRATION	**INSCRIPTION UTILISATEUR**
Input transaction to request registration as a user of an existing NATO Stock Number.	Opération d'entrée utilisée pour demander l'inscription utilisateur pour un Numéro de nomenclature OTAN existant.
US FOREIGN/DOMESTIC DESIGNATOR CODE -US F/DDC- (DRN 4235)	**CODE DOMICILIATION ÉTATS-UNIS -CODE DOMIC EU- (NDD 4235)**
See Sub-Section 543, DRN 4235	Voir Sous-section 543, NDD 4235

W

WEAPON SYSTEM	**SYSTEME D'ARME**
A combination of one or more weapons with all related equipment, materials, services, personnel and means of delivery and deployment (if applicable) required for self-sufficiency.	Ensemble comportant une ou plusieurs armes, ainsi que l'équipement, le matériel, les services, le personnel, les moyens de déplacement (au besoin) et de lancement nécessaires à son autonomie.
WEB URL (DRN 8021)	**ADRESSE WEB (NDD 8021)**
See Sub-Section 543, DRN 8021	Voir Sous-section 543, NDD 8021
WITHDRAWAL OF USER REGISTRATION	**RETRAIT UTILISATEUR**
Input transaction to request the deletion of user registration.	Opération d'entrée utilisée pour demander le retrait utilisateur.
WORKING GROUP -WG- (AC/135)	**GROUPE DE TRAVAIL (AC/135)**
A group set up by the Group of National Directors to consider specific problems.	Groupe mis en place par le Groupe des directeurs nationaux afin d'examiner une question particulière.

Sub-Section 712 - Alphabetical Cross Reference List of terms French to English

This Sub-Section cross refers the French terms to the corresponding English terms for which the definition (English/French) is given in Sub-Section 711.

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Sous-section 712 - Liste alphabétique de correspondance des termes - français/anglais

Cette Sous-section permet de déterminer le terme anglais correspondant dont la définition (anglais/français) est donnée dans la Sous-section 711.

A	
ACCESSOIRE	ACCESSORY
ADRESSE ÉLECTRONIQUE	EMAIL ADDRESS
ADRESSE GÉOGRAPHIQUE (PREMIÈRE LIGNE)	STREET ADDRESS LINE 1
ADRESSE GÉOGRAPHIQUE (DEUXIÈME LIGNE)	STREET ADDRESS LINE 2
ADRESSE WEB	WEB URL
AGENCE	AGENCY
AGENCE DE L'OTAN	NATO AGENCY
AJOUT DE GROUPES FABRICANT REFERENCE ET DE CODES ANNEXES	ADDITION OF REFERENCE AND RELATED CODES
ANNULATION/POSITION DE NOI	ITEM IDENTIFICATION STATUS/CANCELLATION DATA
APPROVISIONNEMENT, RAVITAILLEMENT	SUPPLY
ARTICLE DE PRODUCTION	ITEM OF PRODUCTION
ARTICLE DE RAVITAILLEMENT	ITEM OF SUPPLY
ARTICLE DE REMPLACEMENT	SUBSTITUTE ITEM
ARTICLE PRINCIPAL	MAJOR ITEM
ARTICLE REPRODUIT	REPRODUCED ITEM
ARTICLES INTERCHANGEABLES	INTERCHANGEABLE ITEMS
AUTORITE	AUTHORITY

B	
BUREAU NATIONAL DE CODIFICATION	NATIONAL CODIFICATION BUREAU
BASE DE DONNEES DES MUNITIONS OTAN	NATO AMMUNITION DATABASE
BOÎTE POSTALE	POST OFFICE BOX

C	
CARACTERE	CHARACTER
CARACTERISTIQUE DESCRIPTIVE CODEE	CODED CHARACTERISTICS DATA GROUP
CARACTERISTIQUES D'ARTICLE	ITEM CHARACTERISTICS DATA
CARACTERISTIQUES DE PERFORMANCE	PERFORMANCE CHARACTERISTICS
CARACTERISTIQUES DESCRIPTIVES CODEES	CODED CHARACTERISTICS DATA
CARACTERISTIQUES PHYSIQUES	PHYSICAL CHARACTERISTICS

C	
CARACTERISTIQUES SPECIALES	SPECIAL FEATURES
ENREGISTREMENT SUITE	CONTINUATION RECORD
CARTES MECANOGRAPHIQUES	EAM CARDS
CATALOGUE	CATALOGUE
CATALOGUE ILLUSTRE DE PIECES	ILLUSTRATED PARTS CATALOGUE
CATALOGUE PRINCIPAL DES RÉFÉRENCES DE LA LOGISTIQUE OTAN (NMCRL)	NATO MASTER CATALOGUE OF REFERENCES FOR LOGISTICS (NMCRL)
CLASSE	CLASS
CLASSE OTAN	NATO SUPPLY CLASS
CLASSIFICATION	CLASSIFICATION
CLASSIFICATION ANATOMIQUE, THÉRAPEUTIQUE, CHIMIQUE	ANATOMICAL, THERAPEUTIC, CHEMICAL CLASSIFICATION SYSTEM
CLAUSE DE CODIFICATION	CODIFICATION CONTRACT CLAUSE
CODAGE SECONDAIRE SPECIFIQUE	IDENTIFIED SECONDARY ADDRESS CODING
CODE ARTICLE PREFERENTIEL POUR LES RELATIONS D'I & R	I & S RELATIONSHIP PREFERRED ITEM DESIGNATOR CODE
CODE ASSOCIATION, NCAGE	ASSOCIATION CODE, NCAGE
CODE CATEGORIE DE REFERENCE	REFERENCE NUMBER CATEGORY CODE
CODE DE CLASSIFICATION INTERNATIONALE TYPE, PAR INDUSTRIE, DE TOUTES LES BRANCHES D'ACTIVITÉ ÉCONOMIQUE (CITI)	INTERNATIONAL STANDARD INDUSTRIAL CLASSIFICATION OF ALL ECONOMIC ACTIVITIES (ISIC) CODE
CODE CONTINUATION DE LIGNE	LINE CONTINUATION CODE
CODE CRITERES D'ACQUISITION	ACQUISITION ADVICE CODE
CODE D'APPLICABILITE	APPLICABILITY KEY
CODE ARTICLE INTERNATIONAL	GLOBAL TRADE ITEM NUMBER CODE
CODE DE LA NOMENCLATURE STATISTIQUE DES ACTIVITÉS ÉCONOMIQUES DANS LA COMMUNAUTÉ EUROPÉENNE (NACE)	STATISTICAL CLASSIFICATION OF ECONOMIC ACTIVITIES IN THE EUROPEAN COMMUNITY (NACE) CODE
CODE DEMILITARISATION	DEMILITARIZATION CODE
CODE DENOMINATION	ITEM NAME CODE
CODE D'ENREGISTREMENT	RECORDING CODE
CODE DES NON FABRICANTS	NATO SUPPLY CODE FOR NON MANUFACTURER
CODE DESTINATAIRE	DESTINATION ACTIVITY CODE
CODE DISPONIBILITE DE DOCUMENT	DOCUMENT AVAILABILITY CODE

C	
CODE DOMICILIATION ÉTATS-UNIS	US FOREIGN/DOMESTIC DESIGNATOR CODE
CODE DU SYSTÈME DE CLASSIFICATION DES INDUSTRIES DE L'AMÉRIQUE DU NORD (NAICS)	NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) CODE
CODE DU VOCABULAIRE COMMUN POUR LES MARCHÉS PUBLICS (CPV)	COMMON PROCUREMENT VOCABULARY (CPV) CODE
CODE FORMAT	FORMAT CODE
CODE INDICATEUR DE SUITE	CONTINUATION INDICATOR CODE
CODE JUSTIFICATION	JUSTIFICATION CODE
CODE JUSTIFICATION DE LA METHODE	REFERENCE OR PARTIAL DESCRIPTIVE METHOD REASON CODE
CODE JUSTIFICATION DE LA REFERENCE	REFERENCE NUMBER JUSTIFICATION CODE
CODE MODE D'ECRITURE DE LA REFERENCE	REFERENCE NUMBER FORMAT CODE
CODE NCAGE CONSERVÉ	REPLACEMENT NCAGE
CODE NORMALISATION	ITEM STANDARDIZATION CODE
CODE NORMALISATION DE L'ARTICLE APPARENTE	ITEM STANDARDIZATION CODE, REPLACED NSN
CODE OPERATION	DOCUMENT IDENTIFIER CODE
CODE ORGANISME	MAJOR ORGANIZATIONAL ENTITY CODE
CODE ORGANISME COMMERCIAL OU GOUVERNEMENTAL OTAN	NATO COMMERCIAL AND GOVERNMENT ENTITY CODE
CODE ORIGINE	ORIGINATOR CODE
CODE OTAN DE BNC	NATO CODE FOR NCB
CODE PAYS	COUNTRY CODE
CODE PHRASE	PHRASE CODE
CODE POSITION DE L'ORGANISME COMMERCIAL OU GOUVERNEMENTAL OTAN	NATO COMMERCIAL AND GOVERNMENT ENTITY STATUS DESIGNATOR CODE
CODE POSITION DE NUMERO OTAN D'IDENTIFICATION	NATO ITEM IDENTIFICATION NUMBER STATUS CODE
CODE POSTAL DE L'ADRESSE GÉOGRAPHIQUE	GEOGRAPHICAL ADDRESS POSTAL ZONE
CODE POSTAL DE L'ADRESSE POSTALE	POSTAL ADDRESS POSTAL CODE
CODE PRIORITE	PRIORITY INDICATOR CODE
CODE PROJET DE CODIFICATION OTAN	NATO CODIFICATION PROJECT CODE
CODE QUESTION	MASTER REQUIREMENT CODE
CODE RECUPERABILITE OTAN	NATO RECOVERABILITY CODE
CODE RELATION D'I & R	I & S RELATIONSHIP CODE

C	
CODE REPONSE	REPLY CODE
CODE RESPONSABILITE DU CODE DISPONIBILITE DE DOCUMENT	REFERENCE NUMBER ACTION ACTIVITY CODE
CODE RETOUR	RETURN CODE
CODE SECONDAIRE	SECONDARY ADDRESS CODE
CODE SECURITE ET PROTECTION	PHYSICAL SECURITY/PILFERAGE
CODE SEGMENT	SEGMENT CODE
CODE SERVICE/ORGANISME A L'ORIGINE D'I & R	ORIGINATING I & S SERVICE/ AGENCY DESIGNATOR CODE
CODE SOUMETTANT	SUBMITTER CODE
CODE STATISTIQUE DE RECHERCHE	STATISTICAL INDICATOR CODE
CODE TABLE DE REPONSE OUTIL	REPLY TABLE CODE, GENERAL
CODE TABLE DE REPONSE, GUIDES DE DECODAGE DES GIA	REPLY TABLE CODE, IIG DECODE GUIDES
CODE TYPE DE REPONSE	MODE CODE
CODE TYPE D'IDENTIFICATION	TYPE OF ITEM IDENTIFICATION CODE
CODE TYPE D'ORGANISME	TYPE OF ORGANIZATIONAL ENTITY CODE
CODE VALEUR DE LA REFERENCE	REFERENCE NUMBER VARIATION CODE
CODE VALEUR DE LA REFERENCE POUR L'APPROVISIONNEMENT	REFERENCE NUMBER STATUS CODE
CODIFICATION	CODIFICATION
CODIFICATION DIRECTE	DIRECT CODIFICATION
CODIFICATION INDIRECTE	INDIRECT CODIFICATION
CODIFICATION OTAN	NATO CODIFICATION
COLLABORATION INTERNATIONALE	INTERNATIONAL COLLABORATION
COLONNE	RECORD POSITION
COMITE ALLIE 135	ALLIED COMMITTEE 135
COMITE DIRECTEUR (AC/135)	STEERING COMMITTEE (AC/135)
COMMISSION A (AC/135)	PANEL A (AC/135)
COMPATIBILITE DES DONNEES DE FICHIER	COMPATIBILITY OF FILES DATA
COMPOSANT	COMPONENT
COMPOSANT PRINCIPAL	MAJOR COMPONENT
COMPTAGE DES TABLES	TABLE COUNT

C	
CONCEPT	CONCEPT
CONCEPT D'ARTICLE DE RAVITAILLEMENT	ITEM OF SUPPLY CONCEPT
CONFORMITE DES FICHIERS	CONFORMITY OF FILES DATA
CONTRACTANT	CONTRACTOR
CONTRE LE VOL	CODE
CONTROLE/VALIDATION	EDIT/VALIDATION
CORRESPONDANCE	MATCH
CORRESPONDANCE EXACTE	EXACT MATCH
CORRESPONDANCE PARTIELLE	PARTIAL MATCH
CORRESPONDANCE POSSIBLE	POSSIBLE MATCH
CRIBLAGE PRELIMINAIRE	PRELIMINARY SCREENING
CRIBLAGE SUR CARACTERISTIQUES	CHARACTERISTICS SEARCH PROCESS
CRIBLER (CRIBLAGE)	SCREEN (SCREENING)

D	
DATE DE DECISION DE NORMALISATION	DATE STANDARDIZATION DECISION
DATE D'ENREGISTREMENT DE L'ORGANISME	DATE NCAGE ESTABLISHED
DATE DE LA DERNIÈRE MODIFICATION DU FICHIER NCAGE	DATE OF LAST CHANGE, NCAGE RECORD
DATE DU DOCUMENT	TRANSACTION DATE
DEFINITION DE LA QUESTION GIA	REQUIREMENT STATEMENT DEFINITION
DELAI	TIME FRAME
DELIMITATION DES CONCEPTS D'ARTICLES	DELIMITATION OF ITEM CONCEPTS
DEMANDE CODEE DE DONNEES	OUTPUT DATA REQUEST CODE
DEMANDE DE COORDINATION	CO-ORDINATION REQUEST
DEMANDE DE CRIBLAGE	SCREENING REQUEST
DEMANDE DE MODIFICATION DU SYSTEME DE CODIFICATION OTAN	NATO CODIFICATION SYSTEM CHANGE REQUEST
DEMANDE DE SERVICES DE CODIFICATION	CODIFICATION SERVICES REQUEST
DENOMINATION	ITEM NAME
DENOMINATION APPROUVEE	APPROVED ITEM NAME
DENOMINATION APPROUVEE COMPLETE	FULL APPROVED ITEM NAME

D	
DENOMINATION DE BASE	BASIC NAME
DENOMINATION DE BASE DELIMITEE	DELIMITED BASIC NAME
DENOMINATION NON APPROUVEE	NON APPROVED ITEM NAME
DENOMINATION NORMALISEE D'UN ARTICLE	STANDARD ITEM NAME
DENOMINATION USUELLE	COLLOQUIAL NAME
DENSITE	DENSITY
DESCRIPTION COMPLETE	FULL DESCRIPTIVE ITEM IDENTIFICATION
DESSIN DE REFERENCE	REFERENCE DRAWING
DONNEES	DATA
DONNEES CONCERNANT LE FABRICANT	MANUFACTURER'S DATA
DONNEES DE CODIFICATION	CODIFICATION DATA
DONNEES DE DECISION DE NORMALISATION	STANDARDIZATION DECISION DATA
DONNEES DE FABRICANT OTAN	NATO COMMERCIAL AND GOVERNMENT ENTITY DATA
DONNEES DE GESTION	- MATERIEL MANAGEMENT DATA - SUPPLY MANAGEMENT DATA
DONNEES DE RELATION I & R	I & S RELATIONSHIP DATA
DONNEES DESCRIPTIVES DÉCODÉES	DECODED CHARACTERISTICS DATA
DONNEES D'IDENTIFICATION	IDENTIFICATION DATA
DONNEES FUTURES	FUTURE DATA
DONNEES SUPPLEMENTAIRES	SUPPLEMENTARY DATA
DONNEES VISES PAR DES DROITS LIMITES	LIMITED RIGHTS DATA
DOUBLE POSSIBLE	POSSIBLE DUPLICATE
DOUBLON HÉRITÉ DU PASSÉ	LEGACY DUPLICATE
DROITS LIMITES	LIMITED RIGHTS

E	
ECHANGE INITIAL DE RENSEIGNEMENTS	INITIAL EXCHANGE OF INFORMATION
ECHANGE INTERNATIONAL DE DONNEES	INTERNATIONAL DATA EXCHANGE
ECRITURE DES NUMEROS DE REFERENCE DES FABRICANTS	MANUFACTURER'S REFERENCE NUMBERING STRUCTURE
ELEMENT DE DONNEE	DATA ELEMENT

E	
ENSEMBLE	ASSEMBLY
ENSEMBLE COMPLET	MAJOR ASSEMBLY
ENSEMBLE D'UNE SOUMISSION	PACKAGE
ENSEMBLE IMMEDIATEMENT SUPERIEUR	NEXT HIGHER ASSEMBLY
ENSEMBLE PRINCIPAL	MAJOR COMBINATION
EN-TETE INTERMEDIAIRE SORTIE FICHIER	OUTPUT FILE DATA SUB-HEADER
ENVOI	SHIPMENT
EQUIVALENT	EQUIVALENT

F	
FABRICANT	MANUFACTURER
FACTEUR DE GROUPAGE	BLOCKING FACTOR
FICHE DESCRIPTIVE	ITEM IDENTIFICATION CARD
FICHIER D'ATTENTE	SUSPENSE FILE
FICHIER DE REMPLACEMENT	FILE REPLACEMENT DATA
FICHIER FEDERAL GENERAL DES DESCRIPTIONS (USA)	FEDERAL ITEM LOGISTICS DATA RECORD FILE (USA)
FICHIER GENERAL DES DESCRIPTIONS	DESCRIPTIVE DATA FILE
FICHIER GENERAL DES IDENTIFICATIONS	TOTAL ITEM RECORD
FICHIER PILOTE	SYSTEM SUPPORT RECORD
FICHIERS DES DONNEES	DATA FILES
FIN DE DONNEES	DATA ELEMENT TERMINATOR CODE
FIN DE SEGMENT V	SEGMENT V TERMINATOR CODE
FORMAT ENREGISTREMENT	RECORD FORMAT
FORMAT ENREGISTREMENT CODE	CODED RECORD FORMAT
FOURNISSEUR DE L'EQUIPEMENT PRINCIPAL	MAIN EQUIPMENT SUPPLIER

G	
GENERAL DE DECODAGE	DECODING TOOL
GIA NATIONAL	NATIONAL IIG
GROUPE	GROUP
GROUPE OTAN	NATO SUPPLY GROUP

G	
GROUPE DE DESSINS DE REFERENCE	REFERENCE DRAWING GROUP
GROUPE DE DONNÉES NCAGE	NCAGE DATA GROUP
GROUPE DE TRAVAIL (AC/135)	- TASK GROUP (AC/135) - WORKING GROUP (AC/135)
GROUPE DES DIRECTEURS NATIONAUX POUR LA CODIFICATION	GROUP OF NATIONAL DIRECTORS ON CODIFICATION
GROUPE FABRICANT REFERENCE	REFERENCE
GROUPE FABRICANT REFERENCE	CODES
GROUPE PRINCIPAL (AC/135)	MAIN GROUP (AC/135)
GUIDE D'IDENTIFICATION D'ARTICLES	ITEM IDENTIFICATION GUIDE
GUIDE FEDERAL D'IDENTIFICATION D'ARTICLES (USA)	FEDERAL ITEM IDENTIFICATION GUIDE (USA)
GUIDE POUR LES FABRICANTS	GUIDE FOR THE INDUSTRY

I	
IDENTIFICATEUR DU DESSIN PHYSIQUE	PHYSICAL DRAWING IDENTIFIER
IDENTIFICATION	ITEM IDENTIFICATION
IDENTIFICATION ACTIVE	ACTIVE ITEM IDENTIFICATION
IDENTIFICATION FAISANT DOUBLE	DUPLICATION OF ITEM IDENTIFICATIONS
IDENTIFICATION INACTIVE	INACTIVE ITEM IDENTIFICATION
IDENTIFICATION PAR DESCRIPTION	DESCRIPTIVE METHOD OF ITEM IDENTIFICATION
IDENTIFICATION PAR REFERENCE	REFERENCE METHOD OF ITEM IDENTIFICATION
IDENTIQUE	IDENTICAL
ILLUSTRATION	ILLUSTRATION
INDICE DE CLASSIFICATION	CONDITION CODE
INSCRIPTION UTILISATEUR	USER REGISTRATION
INTERCHANGEABILITE	INTERCHANGEABILITY
INTER-OPERABILITE	INTEROPERABILITY
INTERROGATION	INTERROGATION REQUEST

L	
LE CONTRÔLE DU CONCEPTEUR	DESIGN CONTROL AUTHORITY
LEXIQUE DES DENOMINATIONS	ITEM NAME DIRECTORY

L	
LISTE DE COMPOSITION DE MATERIEL	RECOMMENDED SPARE PARTS LIST
LISTE DE CORRESPONDANCE	CROSS REFERENCE LIST
LISTE DES NUMEROS DE NOMENCLATURE OTAN FAISANT DOUBLE EMPLOI	LIST OF DUPLICATE NATO STOCK NUMBERS
LISTE GENERALE DES DESCRIPTIONS	ITEM IDENTIFICATION DATA RECORD FILE
LISTE TECHNIQUE DES DESCRIPTIONS	IDENTIFICATION LIST
LONGUEUR DE LA REPONSE CODEE	LENGTH OF CODED REPLY
LONGUEUR DU SEGMENT	SEGMENT LENGTH

M	
MATERIEL COMPLET	END ITEM OF EQUIPMENT
MATERIEL PRINCIPAL	MAJOR EQUIPMENT
METHODE D'IDENTIFICATION	METHOD OF ITEM IDENTIFICATION
MINI GIA	MINI IIG
MISE A JOUR	FILE MAINTENANCE
MODE D'ECRITURE DES NUMEROS DE REFERENCE	FORMATTING OF REFERENCE NUMBERS
MODE D'ENREGISTREMENT	RECORDING METHOD
MODIFICATEUR	MODIFIER
MODIFICATEUR D'UNE DENOMINATION DE BASE	BASIC NAME MODIFIER
MODIFICATION	MODIFICATION
MODIFICATION DE CODES ANNEXES DE	CHANGE OF REFERENCE RELATED
MODIFICATION DE DONNEES AVEC INDICATION DE VALEUR	DATA ELEMENT ORIENTED WITH VALUE

N	
NNO CONSERVE, ANNULATION	REPLACEMENT NSN, CANCELLATION
NOM DE PIECE OU NOM D'ARTICLE	PART NAME
NOM DU NCAGE	NCAGE NAME
NOMENCLATURE	NOMENCLATURE
NORME OU SPECIFICATION OFFICIELLE	GOVERNMENT SPECIFICATION OR STANDARD
NOTIFICATION DE RECTIFICATION	NOTIFICATION OF CHANGED DATA

N	
NUMÉRO D'ARTICLE DE FABRICANT	MANUFACTURER'S PART NUMBER
NUMÉRO DE DOCUMENT TECHNIQUE	TECHNICAL DOCUMENT NUMBER
NUMÉRO DE DONNEE	DATA RECORD NUMBER
NUMÉRO DE GESTION DE LA NSPA	NSPA MANAGEMENT CONTROL NUMBER
NUMÉRO DE GUIDE D'IDENTIFICATION D'ARTICLES	ITEM IDENTIFICATION GUIDE NUMBER
NUMÉRO DE MODELE, GIA	STYLE NUMBER, ITEM IDENTIFICATION GUIDE
NUMÉRO DE NOMENCLATURE OTAN	NATO STOCK NUMBER
NUMÉRO DE NOMENCLATURE OTAN ATTRIBUE	ASSIGNED NATO STOCK NUMBER
NUMÉRO DE NOMENCLATURE OTAN ATTRIBUE - ARTICLE PRINCIPAL	ASSIGNED NATO STOCK NUMBER - END ITEM
NUMÉRO DE NOMENCLATURE OTAN ATTRIBUE - ENSEMBLE CONNEXE	ASSIGNED NATO STOCK NUMBER - RELATED ASSEMBLY
NUMÉRO DE NOMENCLATURE OTAN ATTRIBUE - JLO	ASSIGNED NATO STOCK NUMBER - RELATED SKO
NUMÉRO DE NOMENCLATURE PREVISIONNEL	PERMANENT SYSTEM CONTROL NUMBER
NUMÉRO DE NOMENCLATURE PREVISIONNEL ATTRIBUE	ASSIGNED PERMANENT SYSTEM CONTROL NUMBER
NUMÉRO DE PIECE	PART NUMBER
NUMÉRO DE PLAN	DRAWING NUMBER
NUMÉRO DE RÉFÉRENCE	REFERENCE NUMBER
NUMÉRO DE RÉFÉRENCE ADDITIONNEL	ADDITIONAL REFERENCE NUMBER
NUMÉRO DE RÉFÉRENCE PRINCIPAL	PRIMARY REFERENCE NUMBER
NUMÉRO DE RÈGLE DE DIFFUSION	MAJOR ORGANIZATIONAL ENTITY RULE NUMBER
NUMÉRO DE SÉQUENCE	PACKAGE SEQUENCE NUMBER
NUMÉRO DE SÉQUENCE SOUMIS	SUBMITTED PACKAGE SEQUENCE NUMBER
NUMÉRO DE SÉRIE DE LA STATION - XML	STATION SERIAL NUMBER - XML
NUMÉRO DE SERIE DU NUMERO DE DOCUMENT	DOCUMENT CONTROL SERIAL NUMBER
NUMÉRO DE TÉLÉCOPIEUR	FAX NUMBER
NUMÉRO DE TÉLÉPHONE	TELEPHONE NUMBER
NUMÉRO D'IDENTIFICATION NATIONAL	NATIONAL IDENTIFICATION NUMBER
NUMÉRO DU DOCUMENT	DOCUMENT CONTROL NUMBER
NUMÉRO DU SYTÈME DE NUMÉROTATION UNIVERSEL DES DONNÉES (DUNS)	DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER

N	
NUMÉRO NATIONAL D'IDENTIFICATION	NATIONAL ITEM IDENTIFICATION NUMBER
NUMÉRO OTAN DE MISE À JOUR	NATO FILE MAINTENANCE SEQUENCE NUMBER
NUMÉRO OTAN D'IDENTIFICATION	NATO ITEM IDENTIFICATION NUMBER
NUMÉROS DE NOMENCLATURE OTAN FAISANT DOUBLE	DUPLICATE NATO STOCK NUMBERS

O	
OPERATION DE SORTIE	OUTPUT TRANSACTION
OPERATION D'ENTRÉE	INPUT TRANSACTION
OPERATION INTERNATIONALE	INTERNATIONAL TRANSACTION
ORGANISME	MAJOR ORGANIZATIONAL ENTITY
ORGANISME CENTRALISATEUR	CENTRALIZED ORGANIZATION
OUTIL DE MAINTENANCE EN LIGNE	ONLINE MAINTENANCE TOOL
OUTIL GENERAL DE DECODAGE	GENERAL DECODING TOOL
OUTILS, CODIFICATION	TOOLS, CODIFICATION

P	
PARITE	PARITY
PAYS ACQUEREUR	PROCURING COUNTRY
PAYS INITIATEUR	INITIATING COUNTRY
PAYS PILOTE	PILOT COUNTRY
PAYS PRODUCTEUR	PRODUCING COUNTRY
PIECE	PART
PIECE DE RECHANGE	SPARE PART
PIECE DETACHEES	REPAIR PARTS
PISTE	TRACK
POSITION/ANNULATION DE NOI	ITEM IDENTIFICATION STATUS/ CANCELLATION DATA
PREFIXE DE DONNEES NCAGE	NCAGE DATA PREFIX CODE
PROCEDURE ACCELEREE DE CODIFICATION	ACCELERATED CODIFICATION PROCEDURE
PROCEDURE D'URGENCE	EMERGENCY CODIFICATION PROCEDURE
PROCEDURE NORMALE	NORMAL CODIFICATION PROCEDURE

P	
PROJET COMMUN	COMMON PROJECT
PROJET D'IDENTIFICATION	DRAFT ITEM IDENTIFICATION
PROJET OTAN	NATO PROJECT
PUBLICATION DE SOUTIEN EN CODIFICATION	CODIFICATION SUPPORT PUBLICATION
PUBLICATION INTERALLIEE DE CODIFICATION NO. 1	ALLIED CODIFICATION PUBLICATION NO. 1
PUBLICATION INTERALLIEE DE CODIFICATION NO. 2	ALLIED CODIFICATION PUBLICATION NO. 2
PUBLICATION INTERALLIEE DE CODIFICATION NO. 3	ALLIED CODIFICATION PUBLICATION NO. 3

Q	
QUANTITE PAR UNITE D'EMBALLAGE	QUANTITY PER UNIT PACK CODE
QUESTION	REQUIREMENT
QUESTION STANDARD	STANDARD REQUIREMENT
QUESTION SUR LES CARACTERISTIQUES	ITEM CHARACTERISTICS DATA REQUIREMENT

R	
RECHERCHE SUR REFERENCE	SEARCH BY REFERENCE
REFERENCE DE CONTRÔLE D'ORIGINE	SOURCE CONTROL REFERENCE
REFERENCE DE CONTRÔLE DU CONCEPTEUR	DESIGN CONTROL REFERENCE
REFERENCE DE PLAN	DRAWING NUMBER REFERENCE
REFERENCE ET DES CODES ANNEXES	RELATED CODES
REFERENCE INFORMATIVE	INFORMATIVE REFERENCE
REFERENCE SECONDAIRE	SECONDARY REFERENCE
REGLE DE DIFFUSION	MOE RULE DATA
REJET AVEC CODE RETOUR ET INDICATION DE VALEUR	DATA ELEMENT ORIENTED WITH VALUE AND RETURN CODE
REJET AVEC CODE RETOUR ET SANS INDICATION DE VALEUR	DATA ELEMENT ORIENTED WITH RETURN CODE AND WITHOUT VALUE
REMPLISSAGE	FILLER
REPERTOIRE DES QUESTIONS PRINCIPALES	MASTER REQUIREMENTS DIRECTORY
REPONSE	REPLY DATA
REPONSE CODEE	CODED REPLY

R	
REPONSE DECODEE	DECODED REPLY STATEMENT
REPONSE EN CLAIR	CLEAR TEXT CHARACTERISTICS REPLY
REPORTABLE ITEM CODE	REPORTABLE ITEM CODE
RETABLISSEMENT D'UN NNO	REINSTATEMENT NSN
RETRAIT DE GROUPE(S) FABRICANT	DELETION OF REFERENCE(S) AND
RETRAIT DU NUMERO DE REGLE DE DIFFUSION	DELETION MOE RULE NUMBER
RETRAIT UTILISATEUR	WITHDRAWAL OF USER REGISTRATION

S	
SCHEDULE B	SCHEDULE B
SEGMENT	DATA SEGMENT
SEGMENTS EN-TETE ENTREE ET SORTIE	INPUT AND OUTPUT HEADER SEGMENTS
SERVICE, ORGANISME	ACTIVITY
SERVICES DE CODIFICATION	CODIFICATION SERVICES
SOUS-ENSEMBLE	SUB-ASSEMBLY
SOUS-GROUPE (AC/135)	SUB-GROUP (AC/135)
SPECIFICATION	SPECIFICATION
STANDARDISATION	ITEM STANDARDIZATION
STANDARDISATION/NORMALISATION	STANDARDIZATION
STRUCTURE DES QUESTIONS	REQUIREMENT STRUCTURE
SYSTEME «BOITE AUX LETTRES» DE L'OTAN	NATO MAILBOX SYSTEM
SYSTEME DE CLASSIFICATION OTAN DES APPROVISIONNEMENTS	NATO SUPPLY CLASSIFICATION SYSTEM
SYSTEME DE GESTION DES DONNEES	DATA MANAGEMENT SYSTEM
SYSTEME D'INFORMATION DE GESTION	MANAGEMENT INFORMATION SYSTEM
SYSTEME GENERAL DE DECODAGE	GENERAL DECODING SYSTEM
SYSTÈME HARMONISÉ	HARMONIZED SYSTEM
SYSTEME INTEGRE DES DONNEES	FEDERAL LOGISTICS INFORMATION SYSTEM
SYSTEME OTAN DE CODIFICATION	NATO CODIFICATION SYSTEM
SYSTEME OTAN D'ECHANGES AUTOMATISES	NATO AUTOMATED BUSINESS SYSTEM
SYSTEME STANDARD MILITAIRE DE CODAGE DES CARACTERISTIQUES D'ARTICLES	MILITARY STANDARD ITEM CHARACTERISTICS CODING STRUCTURE

T	
TABLE DE CONTRÔLE	EDIT GUIDE
TABLE DES SEGMENTS DISPONIBLES ET REQUIS	SEGMENT AVAILABILITY/ REQUIREMENT TABLE
TABLE D'EXCLUSION	DROP TABLE
TABLEAU DE DOTATION	ALLOWANCE LIST
TENUE A JOUR (CODIFICATION)	MAINTENANCE (CODIFICATION)
TYPE DE CRIBLAGE	TYPE OF SCREENING CODE

U	
UNITE DE DISTRIBUTION	UNIT OF ISSUE
UNITED NATIONS STANDARD PRODUCTS AND SERVICES CODE (UNSPSC)	UNITED NATIONS STANDARD PRODUCTS AND SERVICES CODE(UNSPSC)

V	
VALEUR NOMINALE	NOMINAL VALUE
VILLE DE L'ADRESSE GÉOGRAPHIQUE	GEOGRAPHICAL ADDRESS CITY
VILLE DE L'ADRESSE POSTALE	POSTAL ADDRESS CITY
VOCABULAIRE COMMUN POUR LES MARCHÉS PUBLICS (CPV)	COMMON PROCUREMENT VOCABULARY(CPV)

SECTION 720

Abbreviations of Codification Terms

Sub-Section 721

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SECTION 720

Abréviations des Termes de Codification

Sous-section 721

Section 720 - Abbreviations of Codification Terms

Sub-Section 721 - Introduction

721.1 This section contains abbreviations and full terms in English and French.

721.2 **Composition**

721.2.1 Sub-Section 722 : Alphabetic list of English abbreviations and terms cross-referenced to related French abbreviations and terms with indications to Sections and/or Sub-Sections where explanations or definitions can be found.

721.2.2 Sub-Section 723 : Alphabetic list of French abbreviations and terms cross-referenced to related English abbreviations and terms with indications to Sections and/or Sub-Sections where explanations or definitions can be found.

721.3 **Rules for the composition of abbreviations**

721.3.1 In the past abbreviations have been assigned arbitrarily.

In order to harmonize procedures, the abbreviations given in this Sub-Section have been composed on the basis of the rules listed below.

Where those used in this manual which are not in conformity with these rules they will be replaced when updating of the related pages occurs.

721.3.2 Codification terms consisting of a single word shall be abbreviated by taking a combination of letters from this word, e.g. :

ENGLISH/FRENCH TERM	**ENGLISH/FRENCH ABBR.**
ACTION/ACTION	ACT/ACT
MANUFACTURER/FABRICANT	MFR/FAB
PARAGRAPH/PARAGRAPHE	PARA/PARA
PERCENT/POURCENT	PCT/PCT
REFERENCE/REFERENCE	REF/REF
SPECIFICATION/SPECIFICATION	SPEC/SPEC
STANDARD/NORME	STD/NORME(*)
STANDARDIZATION/NORMALISATION	STD/NORM

(*) It is obvious that in case of short, single-word terms such as: "CODE, FILE, DATA, DATE", etc. abbreviations are not necessarily needed.

Section 720 - Abréviations des Termes de Codification

Sous-section 721 - Introduction

721.1 Cette section reprend les abréviations et dénominations intégrales en anglais et en français.

721.2 **Contenu**

721.2.1 Sous-section 722 : Liste alphabétique des abréviations et termes anglais se rapportant aux abréviations et termes français et renvoyant aux Sections et/ou Sous-sections donnant les explications ou définitions correspondantes.

721.2.2 Sous-section 723 : Liste alphabétique des abréviations et termes français se rapportant aux abréviations et termes anglais et renvoyant aux Sections et/ou Sous-sections donnant les explications ou définitions correspondantes.

721.3 **Règles pour la composition des abréviations**

721.3.1 Dans le passé, les abréviations ont été attribuées arbitrairement. Afin d'harmoniser les procédures, les abréviations données dans cette sous-section ont été composées selon les règles mentionnées ci-dessous. celles utilisées dans ce manuel et qui ne seraient pas conformes aux règles en questions seront remplacées à l'occasion d'une mise à jour des pages concernées.

721.3.2 Les termes de codification consistant en un seul mot sont abrégés en une combinaison de lettres composant ce mot.
Ainsi :

TERME ANGLAIS/FRANCAIS	ABR ANGLAIS/FRANCAIS
ACTION/ACTION	ACT/ACT
MANUFACTURER/FABRICANT	MFR/FAB
PARAGRAPH/PARAGRAPHE	PARA/PARA
PERCENT/POURCENT	PCT/PCT
REFERENCE/REFERENCE	REF/REF
SPECIFICATION/SPECIFICATION	SPEC/SPEC
STANDARD/NORME	STD/ NORME(*)
STANDARDIZATION/NORMALISATION	STD/NORM

(*) Il est évident que dans le cas des termes courts tels que CODE, FICHIER, DONNÉE, DATE etc., des abréviations ne sont pas toujours nécessaires.

721.3.3 Codification terms/Data Elements consisting of several words shall be abbreviated by either:

a. the first letter of each word, or

b. combination of letters from the words, separated by spaces.

In this case, the rule mentioned in paragraph 721.3.2 may be applied to the terms of Data Elements.

examples applying to "a"

ENGLISH/FRENCH TERM	ENGLISH/FRENCH ABBR
IDENTIFICATION LIST/LISTE TECHNIQUE DES DESCRIPTIONS	IL/LTD
MANAGEMENT DATA/DONNEES DE GESTION	MD/DG
OUTPUT HEADER/EN-TETE SORTIE	OH/TS
REFERENCE NUMBER CATEGORY CODE/ CODE CATEGORIE DE REFERENCE	RNCC/CCR
REFERENCE NUMBER FORMAT CODE/CODE MODE D'ECRITURE DE LA REFERENCE	RNFC/CMER

examples applying to "b"

ENGLISH/FRENCH TERM	ENGLISH/FRENCH ABBR
APPLICABILITY KEY/CODE D'APPLICABILITE	APPL KEY/CODE APPL
REPARABILITY CODE/CODE REPARABILITE	REP CODE/CODE REP
RETURN CODE/CODE RETOUR	RET CODE/CODE RET
ITEM STANDARDIZATION CODE, REPLACED NSN/CODE NORMALISATION DE L'ARTICLE APPARENTE	ISC RPLD NSN/CN APP

NOTE : Established abbreviations representing existing terms, which appear in the concept wording of other Codification terms/Data Elements, shall at all times be maintained as such, whereas the remaining words shall be abbreviated in conformity with the rules above.

721.3.3 Les termes de codification composés de plusieurs mots et les Eléments de données sont abrégés:

a. soit en utilisant la première lettre de chaque mot, ou

b. soit en formant une ou des combinaisons des lettres des mots, chaque combinaison étant séparée par un espace.

En ce cas, la règle énoncée au paragraphe 721.3.2 peut s'appliquer aux termes des Eléments de données.

Exemples "a"

TERME ANGLAIS/FRANCAIS	ABR ANGLAIS/FRANCAIS
IDENTIFICATION LIST/LISTE TECHNIQUE DES DESCRIPTIONS	IL/LTD
MANAGEMENT DATA/DONNEES DE GESTION	MD/DG
OUTPUT HEADER/EN-TETE SORTIE	OH/TS
REFERENCE NUMBER CATEGORY CODE/CODE CATEGORIE DE REFERENCE	RNCC/CCR
REFERENCE NUMBER FORMAT CODE/CODE MODE D'ECRITURE DE LA REFERENCE	RNFC/CMER

Exemples "b"

TERME ANGLAIS/FRANCAIS	ABR ANGLAIS/FRANCAIS
APPLICABILITY KEY/CODE D'APPLICABILITE	APPL KEY/CODE APPL
REPARABILITY CODE/CODE REPARABILITE	REP CODE/CODE REP
RETURN CODE/CODE RETOUR	RET CODE/CODE RET
ITEM STANDARDIZATION CODE, REPLACED NSN/CODE NORMALISATION DE L'ARTICLE APPARENTE	ISC RPLD NSN/CN APP

NOTE : Les abréviations représentant des termes existants et qui forment une partie d'autres termes de codification//Eléments des données sont toujours maintenues telles quelles tandis que les mots restants sont abrégés en conformité avec les règles énumérées ci-dessus.

Example 1:

ENGLISH

AUTOMATIC DATA PROCESSING EQUIPMENT IDENTIFICATION CODE

Established abbreviation : ADP

Rule 721.3.3 applies : EIC

Abbreviation must be : ADP EIC

FRENCH

CODE IDENTIFICATION DE MATERIEL DE TRAITEMENT AUTOMATIQUE DES DONNEES

Established abbreviation : TAD

Rule 721.3.3 applies : CIM

Abbreviation must be : CIM TAD

Example 2:

ENGLISH

ASSIGNED NATO STOCK NUMBER

Established abbreviation : NSN

Rule 721.3.2 applies : ASS

Abbreviation must be : ASS NSN

FRENCH

NUMERO DE NOMENCLATURE OTAN ATTRIBUÉ

Established abbreviation : NNO

Rule 721.3.2 applies : ATTR

Abbreviation must be : NNO ATTR

Exemple 1:

ANGLAIS

AUTOMATIC DATA PROCESSING EQUIPMENT IDENTIFICATION CODE

Abréviation existante : ADP

Règle 721.3.3 est applicable : EIC

L'abréviation doit être : ADP EIC

FRANCAIS

CODE IDENTIFICATION DE MATÉRIEL DE TRAITEMENT AUTOMATIQUE DE DONNÉES

Abréviation existante : TAD

Règle 721.3.3 est applicable : CIM

L'abréviation doit être : CIM TAD

Exemple 2:

ANGLAIS

ASSIGNED NATO STOCK NUMBER

Abréviation existante : NSN

Règle 721.3.2 est applicable : ASS

L'abréviation doit être : ASS NSN

FRANCAIS

NUMERO DE NOMENCLATURE OTAN ATTRIBUÉ

Abréviation existante : NNO

Règle 721.3.2 est applicable : ATTR

L'abréviation doit être : NNO ATTR

Sub-Section 722 - English abbreviations with full text English/French

Sous-section 722 - Abréviations anglaises et texte intégral anglais/français

ABBREV	TERM	ABRÉV	TERME	SECTION/ SUB-SECTION
AAC	ACQUISITION ADVICE CODE	CCA	CODE CRITERES D'ACQUISITION	543
AC	ALLIED COMMITTEE	-	COMITE ALLIE	711
AC NCAGE	ASSOCIATION CODE, NCAGE	CA NCAGE	CODE ASSOCIATION, NCAGE	543
ACODP-1	ALLIED CODIFICATION PUBLICATION NO. 1 = NATO MANUAL ON CODIFICATION	ACODP-1	PUBLICATION INTERALLIEE DE CODIFICATION NO. 1 = MANUEL OTAN DE CODIFICATION	611
ACODP-2	ALLIED CODIFICATION PUBLICATION NO. 2 = NATO MULTILINGUAL SUPPLY CLASSIFICATION HANDBOOK	ACODP-2	PUBLICATION INTERALLIEE DE CODIFICATION NO. 2 = MANUEL OTAN MULTILINGUE DU SYSTEME DE CLASSIFICATION	611
ACODP-3	ALLIED CODIFICATION PUBLICATION NO. 3 = NATO MULTILINGUAL ITEM NAME DIRECTORY	ACODP-3	PUBLICATION INTERALLIEE DE CODIFICATION NO. 3 = MANUEL OTAN MULTILINGUE DES DENOMINATIONS	611
ACT	ACTION	ACT	ACTION	
ADP	AUTOMATIC DATA PROCESSING	TAD	TRAITEMENT AUTOMATIQUE DES DONNEES	
ADP EIC	AUTOMATIC DATA PROCESSING EQUIPMENT IDENTIFICATION CODE	CIM TAD	CODE IDENTIFICATION DE MATERIEL DE TRAITEMENT AUTOMATIQUE DES DONNEES	543
AIN	APPROVED ITEM NAME	DENOM LIM	DENOMINATION APPROUVEE LIMITEE	543
APPL KEY	APPLICABILITY KEY	CA	CODE D'APPLICABILITE	711
APSN	ASSOCIATION PACKAGE SEQUENCE NUMBER	NSA	NUMERO DE SEQUENCE, ASSOCIATION	543
ATC	ANATOMICAL, THERAPEUTIC, CHEMICAL CLASSIFICATION SYSTEM	ATC	CLASSIFICATION ANATOMIQUE, THÉRAPEUTIQUE, CHIMIQUE	543
AUTODIN	AUTOMATED DIGITAL NETWORK	AUTODIN	RESEAU NUMERIQUE AUTOMATISE	
BCD	BINARY CODED DECIMAL	DCB	DECIMAL CODE BINAIRE	
BIT	BINARY DIGIT	BIT	ELEMENT BINAIRE	
BPI	BYTES PER INCH	BPI	NOMBRE DE RANGEES D'INFORMATION PAR POUCE	

ABBREV	TERM	ABRÉV	TERME	SECTION/ SUB-SECTION
CC	RECORD POSITION	COL	COLONNE	512
CCC	CONTROL CHARACTER CODE	FIN Q	FIN DE QUESTION	543
CIC	CONTINUATION INDICATOR CODE	CIS	CODE INDICATEUR DE SUITE	543
CODSP	CODIFICATION SUPPORT PUBLICATION	CODSP	PUBLICATION DE SOUTIEN EN CODIFICATION	611
CPV CODE	COMMON PROCUREMENT VOCABULARY CODE	CODE CPV	CODE DU VOCABULAIRE COMMUN POUR LES MARCHÉS PUBLICS	543
COTS	COMMERCIAL OFF-THE-SHELF	COTS	COMMERCIAL SUR ETAGERE	591
CRL	CROSS REFERENCE LIST	CRL	LISTE DE CORRESPON DANCE	
DAC	DOCUMENT AVAILABILITY CODE	CDD	CODE DISPONIBILITE DE DOCUMENT	543
DATE ASSGMT	DATE ASSIGNMENT	-	DATE D'ATTRIBUTION	
DATE STDS DEC	DATE STANDARDIZATION DECISION	DATE DEC NORM	DATE DE DECISION DE NORMALISATION	543
DCN	DOCUMENT CONTROL NUMBER	ND	NUMERO DE DOCUMENT	543
DCSN	DOCUMENT CONTROL SERIAL NUMBER	NSND	NUMÉRO DE SÉRIE DU NUMÉRO DE DOCUMENT	543
DEMIL	DEMILITARIZATION CODE	CODE DEMIL	CODE DÉMILITARISATION	543
DEST ACT CODE	DESTINATION ACTIVITY CODE	DEST CODE	CODE DESTINATAIRE	543
DETC	DATA ELEMENT TERMINATOR CODE	FIN DON	FIN DE DONNÉES	543
DIC	DOCUMENT IDENTIFIER CODE	CO	CODE OPÉRATION	543
DLA	DEFENSE LOGISTICS AGENCY (USA)	DLA	DEFENSE LOGISTICS AGENCY (USA)	
DOD	DEPARTMENT OF DEFENCE DOD OR DEPARTMENT OF DEFENSE (USA)	DOD	DEPARTMENT OF DEFENSE (USA)	
DRN	DATA RECORD NUMBER	NDD	NUMÉRO DE DONNÉE	543
DUNS NUMBER	DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER	NUMÉRO DUNS	NUMÉRO DU SYTÈME DE NUMÉROTATION UNIVERSEL DES DONNÉES (DUNS)	543
EAM	ELECTRONIC ACCOUNTING MACHINE	-	MACHINE MECANOGRAPHIQUE	

ABBREV	TERM	ABRÉV	TERME	SECTION/ SUB-SECTION
EBCDIC	EXTENDED BINARY CODED DECIMAL INTERCHANGE CODE	EBCDIC	CODE DECIMAL DE CORRESPONDANCE TRANSCRIT EN CODE BINAIRE	
EDP	ELECTRONIC DATA PROCESSING	TED	TRAITEMENT ELECTRONIQUE DES DONNEES	
ELRN IND CODE	EXTRA LONG REFERENCE NUMBER INDICATOR CODE	CTLR	CODE TRES LONGUE REFERENCE	543
FCS	FEDERAL CATALOG SYSTEM (USA)	-	SYSTEME FEDERAL DE CATALOGAGE (USA)	
FIIG	FEDERAL ITEM IDENTIFICATION GUIDE (USA)	FIIG	GUIDE FEDERAL D'IDENTIFICATION D'ARTICLES (USA)	711
FILDR	FEDERAL ITEM LOGISTICS DATA RECORD FILE (USA)	FILDR	FICHIER FEDERAL GENERAL DES DESCRIPTIONS (USA)	257
FLIS	FEDERAL LOGISTICS INFORMATION SYSTEM (USA)	SID	SYSTEME INTEGRE DES DONNEES (USA)	711
FMOP	FILE MAINTENANCE OUTPUT PACKAGE		PROGICIEL DE MISE A JOUR DU FICHIER	
FSC	FEDERAL SUPPLY CLASS (USA)	-	CLASSE FEDERALE D'APPROVISIONNEMENT (USA)	
FULL AIN	FULL APPROVED ITEM NAME	-	DENOMINATION APPROUVEE COMPLETE	543
GDS	GENERAL DECODING SYSTEM	SGD	SYSTEME GENERAL DE DECODAGE	281
GLN CODE	GLOBAL LOCATION NUMBER CODE	CODE GLN	CODE LIEU-FONCTION	543
GTIN CODE	GLOBAL TRADE ITEM NUMBER CODE	CODE GTIN	CODE ARTICLE INTERNATIONAL	543
HS	HARMONIZED SYSTEM	SH	SYSTÈME HARMONISÉ	543
I & S	INTERCHANGEABILITY & SUBSTITUTABILITY	I & R	INTERCHANGEABILITE & REMPLACEMENT	
I & S REL CODE	I & S RELATIONSHIP CODE	CODE REL I & R	CODE RELATION D'I & R	543
IH	INPUT HEADER	TE	EN-TETE ENTREE	543
II	ITEM IDENTIFICATION	IDENT	IDENTIFICATION	711
IIDR	ITEM IDENTIFICATION DATA RECORD	LGD	LISTE GENERALE DES DESCRIPTIONS	256
IIDRF	ITEM IDENTIFICATION DATA RECORD FILE	FGD	FICHIER GENERAL DES DESCRIPTION	711

ABBREV	TERM	ABRÉV	TERME	SECTION/ SUB-SECTION
IIG	ITEM IDENTIFICATION GUIDE	GIA	GUIDE D'IDENTIFICATION D'ARTICLES	711
IIG NO	ITEM IDENTIFICATION GUIDE NUMBER	NOGIA	NUMERO DE GUIDE D'IDENTIFICATION D'ARTICLES	543
IIMA	ITEM IDENTIFICATION MANAGING ACTIVITY	OGIA	ORGANISME GESTIONNAIRE D'IDENTIFICATION D'ARTICLE	
IIN	ITEM IDENTIFICATION NUMBER	NI	NUMERO D'IDENTIFICATION	121/ ANNEX II
IL	IDENTIFICATION LIST	LTD	LISTE TECHNIQUE DES DESCRIPTIONS	711
INC	ITEM NAME CODE	CODE DENOM	CODE DENOMINATION	543
INPUT DIC	INPUT DOCUMENT IDENTIFIER CODE	COE	CODE OPERATION ENTREE	522
INT STD	INTERNATIONAL STANDARD	NORME INT	NORME INTERNATIONALE	
INT STD NO	INTERNATIONAL STANDARD NUMBER	NO NORME INT	NUMERO DE NORME INTERNATIONALE	
ISAC	IDENTIFIED SECONDARY ADDRESS CODING	ISAC	CODAGE SECONDAIRE SPECIFIQUE	543
ISC	ITEM STANDARDIZATION CODE	CN	CODE NORMALISATION	543
ISC RPLD NSN	ITEM STANDARDIZATION CODE, REPLACED NSN	CN APP	CODE NORMALISATION DE L'ARTICLE APPARENTE	543
ISIC CODE	INTERNATIONAL STANDARD INDUSTRIAL CLASSIFICATION OF ALL ECONOMIC ACTIVITIES (ISIC) CODE	CODE CITI	CODE DE CLASSIFICATION INTERNATIONALE TYPE, PAR INDUSTRIE, DE TOUTES LES BRANCHES D'ACTIVITÉ ÉCONOMIQUE (CITI)	543
ISO	INTERNATIONAL ORGANIZATION FOR STANDARDIZATION	ISO	ORGANISATION INTERNATIONALE DE NORMALISATION	252
LDNSN	LIST OF DUPLICATE NATO STOCK NUMBERS	LDNSN	LISTE DES NUMEROS DE NOMENCLATURE OTAN FAISANT DOUBLE EMPLOI	625
LINE CONT CODE	LINE CONTINUATION CODE	CODE CONT LIGNE	CODE CONTINUATION DE LIGNE	543
MD	MANAGEMENT DATA	DG	DONNEES DE GESTION	
MDL	MANAGEMENT DATA LIST	LDG	LISTE DES DONNEES DE GESTION	
MES	MAIN EQUIPMENT SUPPLIER	-	FOURNISSEUR DE L'EQUIPEMENT PRINCIPAL	711

ABBREV	TERM	ABRÉV	TERME	SECTION/ SUB-SECTION
MFR	MANUFACTURER	FAB	FABRICANT	711
MIL SPEC	MILITARY SPECIFICATION	SPEC MIL	SPECIFICATION MILITAIRE	
MILSTICCS	MILITARY STANDARD ITEM CHARACTERISTICS CODING STRUCTURE	MILSTICCS	SYSTEME STANDARD MILITAIRE DE CODAGE DES CARACTERISTIQUES D'ARTICLES	711
MIS	MANAGEMENT INFORMATION SYSTEM	MIS	SYSTEME D'INFORMATION DE GESTION	581
MOE	MAJOR ORGANIZATIONAL ENTITY	ORG	ORGANISME	711
MOE CODE	MAJOR ORGANIZATIONAL ENTITY CODE	CODE ORG	CODE ORGANISME	543
MOE RULE NO	MAJOR ORGANIZATIONAL ENTITY RULE NUMBER	NOR DIF	NUMERO DE REGLE DE DIFFUSION	543
MRC	MASTER REQUIREMENTS CODE	MRC	CODE QUESTION	543
MRD	MASTER REQUIREMENTS DIRECTORY	MRD	REPERTOIRE DES QUESTIONS PRINCIPALES	711
N/A	NOT APPLICABLE	S/O	SANS OBJET	
NABS	NATO AUTOMATED BUSINESS SYSTEM	NABS	SYSTÈME OTAN D'ÉCHANGES AUTOMATISÉS	661
NADB	NATO AMMUNITION DATABASE		BASE DE DONNEES DES MUNITIONS OTAN	
NACE CODE	STATISTICAL CLASSIFICATION OF ECONOMIC ACTIVITIES IN THE EUROPEAN COMMUNITY (NACE) CODE	CODE NACE	CODE DE LA NOMENCLATURE STATISTIQUE DES ACTIVITÉS ÉCONOMIQUES DANS LA COMMUNAUTÉ EUROPÉENNE (NACE)	543
NAICS CODE	NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) CODE	CODE NAICS	CODE DU SYSTÈME DE CLASSIFICATION DES INDUSTRIES DE L'AMÉRIQUE DU NORD (NAICS)	543
NAMSA	NATO MAINTENANCE AND SUPPLY AGENCY	NAMSA	AGENCE OTAN D'ENTRETIEN ET D'APPROVISIONNEMENT	
NAT STD	NATIONAL STANDARD		NORME NATIONALE	
NATO FMSN	NATO FILE MAINTENANCE SEQUENCE NUMBER	NOMJ	NUMERO OTAN DE MISE A JOUR	543
NATO PSTD/ /PSPEC	NATO PROJECT STANDARD/SPECIFICATION		SPECIFICATION/NORME DE PROJET OTAN	
NATO REC	NATO RECOVERABILITY CODE	-	CODE RECUPERABILITE OTAN	543

ABBREV	TERM	ABRÉV	TERME	SECTION/ SUB-SECTION
NCAGE CODE	NATO COMMERCIAL AND GOVERNMENT ENTITY CODE	CODE NCAGE	CODE ORGANISME COMMERCIAL OU GOUVERNEMENTAL OTAN	543
NCAGEDG	NCAGE DATA GROUP	GD NCAGE	GROUPE DE DONNÉES NCAGE	543
NCAGEDPC	NCAGE DATA PREFIX CODE	PD NCAGE	PREFIXE DE DONNEES NCAGE	543
NCAGESD CODE	NATO COMMERCIAL AND GOVERNMENT ENTITY STATUS DESIGNATOR CODE	CP NCAGE	CODE POSITION DE L'ORGANISME COMMERCIAL OU GOUVERNEMENTAL OTAN	543
NCB	NATIONAL CODIFICATION BUREAU	BNC	BUREAU NATIONAL DE CODIFICATION	711
NCB CODE	NATO CODE FOR NCB	CODE BNC	CODE OTAN DE BNC	543
NCS	NATO CODIFICATION SYSTEM	SOC	SYSTEME OTAN DE CODIFICATION	711
NCSCR	NATO CODIFICATION SYSTEM CHANGE REQUEST	DMSCO	DEMANDE DE MODIFICATION DU SYSTEME DE CODIFICATION OTAN	461
NICSMA	NATO INTEGRATED COMMUNICATION MANAGEMENT AGENCY	NICSMA	AGENCE OTAN POUR LA GESTION INTEGREE DES TELECOMMUNICATIONS	
NIIN	NATO ITEM IDENTICATION NUMBER	NOI	NUMERO OTAN D'IDENTIFICATION	543
NIIN SC	NATO ITEM IDENTIFICATION NUMBER STATUS CODE	CP NOI	CODE POSITION DE NUMERO OTAN D'IDENTIFICATION	543
NMBS	NATO MAILBOX SYSTEM		SYSTEME « BOITE AUX LETTRES » DE L'OTAN	
NMCN	NSPA MANAGEMENT CONTROL NUMBER		NUMERO DE GESTION DE LA NSPA	
NMCRL	NATO MASTER CATALOGUE OF REFERENCES FOR LOGISTICS	NMCRL	CATALOGUE PRINCIPAL DES RÉFÉRENCES DE LA LOGISTIQUE OTAN	479B / 581
NN	NON-NATO	NN	NON-OTAN	
NN-CRL	NON-NATO MANUFACTURER'S CROSS REFERENCE LIST	NN-CRL	LISTE DE CORRESPONDANCE DES FABRICANTS NON-OTAN	
NON AIN	NON APPROVED ITEM NAME	DENOM NA	DENOMINATION NON APPROUVEE	543
NPLO	NATO PRODUCTION AND LOGISTICS ORGANIZATION	OLPO	ORGANISME DE LOGISTIQUE ET DE PRODUCTION DE L'OTAN	131
NSC	NATO SUPPLY CLASS	CLASSE	CLASSE OTAN	543

ABBREV	TERM	ABRÉV	TERME	SECTION/ SUB-SECTION
NSCNM	NATO SUPPLY CODE FOR NON MANUFACTURER	-	CODE FOURNISSEUR	
NSG	NATO SUPPLY GROUP	NSG	GROUPE OTAN	543
NSN	NATO STOCK NUMBER	NNO	NUMERO DE NOMENCLATURE OTAN	543
NSO	NATO STANDARDIZATION OFFICE	BON	BUREAU OTAN DE NORMALISATION	252
NSPA	NATO SUPPORT AND PROCUREMENT AGENCY	NSPA	AGENCE OTAN DE SOUTIEN ET D'ACQUISITION	
ODRC	OUTPUT DATA REQUEST CODE	DCD	DEMANDE CODEE DE DONNEES	543
OH	OUTPUT HEADER	TS	EN-TETE SORTIE	543
OMT	ONLINE MAINTENANCE TOOL	OML	OUTIL DE MAINTENANCE EN LIGNE	435 / 442
ORIG I & S CODE	ORIGINATING I & S SERVICE/AGENCY DESIGNATOR CODE	CODE ORIG I & R	CODE SERVICE/ ORGANISME A l'ORIGINE D'I & R	543
ORIG STDS DEC	ORIGINATOR OF STANDARDIZATION DECISION	ORG ORIG DEC NORM	ORGANISME A L'ORIGINE DE LA DECISION DE NORMALISATION	543
OUTPUT DIC	OUTPUT DOCUMENT IDENTIFIER CODE	COS	CODE OPERATION SORTIE	523
PCT	PERCENT	PCT	POURCENT	
PFD CODE	I & S RELATIONSHIP PREFERRED ITEM DESIGNATOR CODE	CODE PREF	CODE ARTICLE PREFERENTIEL POUR LES RELATIONS D'I & S	543
PHRASE	PHRASE CODE	PHRASE	CODE PHRASE	543
PHYS DWG ID	PHYSICAL DRAWING IDENTIFIER	ID DESS PHYS	IDENTIFICATEUR DU DESSIN PHYSIQUE	543
PIC	PRIORITY INDICATOR CODE	CP	CODE PRIORITE	543
PMIC	PRECIOUS METALS INDICATOR CODE	CMP	CODE METAUX PRECIEUX	543
PNA	PRESENTLY NOT AVAILABLE	AND	ACTUELLEMENT NON DISPONIBLE	632
PRINT CONT CODE	PRINT CONTROL CODE	TAB FD	TABULATEUR DE FICHE DESCRIPTIVE	543
PS/PC	PHYSICAL, SECURITY/PILFERAGE CODE	CS/PC	CODE SECURITE ET PROTECTION CONTRE LE VOL	543
PSCN	PERMANENT SYSTEM CONTROL NUMBER	NNP	NUMERO DE NOMENCLATURE	543

ABBREV	TERM	ABRÉV	TERME	SECTION/ SUB-SECTION
			PREVISIONNEL	
PSN	PACKAGE SEQUENCE NUMBER	NS	NUMERO DE SEQUENCE	543
QUP	QUANTITY PER UNIT PACK CODE	QUE	QUANTITE PAR UNITE D'EMBALLAGE	543
RD	REFERENCE DRAWING	DR	DESSIN DE REFERENCE	711
RDG	REFERENCE DRAWING GROUP	GDR	GROUPE DE DESSINS DE REFERENCE	711
REF	REFERENCE	GFR	GROUPE FABRICANT REFERENCE	543
REP CODE	REPAIRABILITY CODE	CODE REP	CODE REPARABILITE	543
RET CODE	RETURN CODE	CODE RET	CODE RETOUR	543
RIC	REPORTABLE ITEM CODE	RIC	REPORTABLE ITEM CODE	543
RNAAC	REFERENCE NUMBER ACTION ACTIVITY CODE	CRCDD	CODE RESPONSABILITE DU CODE DISPONIBILITE DE DOCUMENT	543
RNCC	REFERENCE NUMBER CATEGORY CODE	CCR	CODE CATEGORIE DE REFERENCE	543
RNFC	REFERENCE NUMBER FORMAT CODE	CMER	CODE MODE D'ECRITURE DE LA REFERENCE	543
RNJC	REFERENCE NUMBER JUSTIFICATION CODE	CJR	CODE JUSTIFICATION DE LA REFERENCE	543
RNSC	REFERENCE NUMBER STATUS CODE	CVRA	CODE VALEUR DE LA REFERENCE POUR L'APPROVISIONNEMENT	543
RNVC	REFERENCE NUMBER VARIATION CODE	CVR	CODE VALEUR DE LA REFERENCE	543
RPDMRC	REFERENCE OR PARTIAL DESCRIPTIVE METHOD REASON CODE	CJM	CODE JUSTIFICATION DE LA METHODE	543
RQMT	REQUIREMENT	-	QUESTION	711
RQMT STAT	REQUIREMENT STATEMENT	QGIA	QUESTION GUIDE D'IDENTIFICATION D'ARTICLES	543
RQMT STAT DEF	REQUIREMENT STATEMENT DEFINITION	DEF QGIA	DEFINITION DE LA QUESTION GIA	543
RSPL	RECOMMENDED SPARE PARTS LIST	LCMA	LISTE DE COMPOSITION DE MATERIEL	711
RTC IIGDG	REPLY TABLE CODE, IIG DECODE GUIDES	CODE TABLE REPONSE GD GIA	CODE TABLE DE REPONSE, GUIDES DE DECODAGE DES GIA	543

ABBREV	TERM	ABRÉV	TERME	SECTION/ SUB-SECTION
RTC MRD	REPLY TABLE CODE, MASTER REQUIREMENT DIRECTORY	CODE TABLE REPONSE MRD	CODE TABLE DE REPONSE, REPERTOIRES DES QUESTIONS PRINCIPALES	543
SAC	SECONDARY ADDRESS CODE	SAC	CODE SECONDAIRE	543
SEG LEN	SEGMENT LENGTH	LONG SEG	LONGUEUR DU SEGMENT	543
SHAPE	SUPREME HEADQUARTERS ALLIED POWERS, EUROPE	SHAPE	GRAND QUARTIER GENERAL DES PUISSANCES ALLIEES EN EUROPE	
SIC	STATISTICAL INDICATOR CODE	CODE STAT	CODE STATISTIQUE DE RECHERCHE	543
SOSC	SOURCE OF SUPPLY CODE	CS APPRO	CODE SOURCE D'APPROVISIONNEMENT	543
SOSMC	SOURCE OF SUPPLY MODIFIER CODE	CMSA	CODE MODIFICATEUR DE LA SOURCE D'APPROVISIONNEMENT	543
SPEC	SPECIFICATION	SPEC	SPECIFICATION	711
SPSN	SUBMITTED PACKAGE SEQUENCE NUMBER	NSS	NUMERO DE SEQUENCE SOUMIS	543
SR	STANDARD REQUIREMENT	QS	QUESTION STANDARD	711
SSR	SYSTEM SUPPORT RECORD	FP	FICHIER PILOTE	465
STANAG	STANDARDIZATION AGREEMENT	STANAG	ACCORD DE NORMALISATION OTAN	
STD	STANDARD	-	NORME	
STD TD	STANDARD TYPE DESIGNATOR	-	INDICATEUR DU TYPE DE NORME	
STDZ	STANDARDIZATION	NORM	NORMALISATION	711
STYLE NO, IIG	STYLE NUMBER, ITEM IDENTIFICATION GUIDE	NO MODELE GIA	NUMERO DE MODELE, GIA	543
SVTC	SEGMENT V TERMINATOR CODE	FIN SEG V	FIN DE SEGMENT V	543
TG	TASK GROUP	GT	GROUPE DE TRAVAIL	711
TIR	TOTAL ITEM RECORD	FGI	FICHIER GENERAL DES IDENTIFICATIONS	711
TYPE II CODE	TYPE OF ITEM IDENTIFICATION CODE	C TYPE IDENT	CODE TYPE D'IDENTIFICATION	543
TYPE O.E. CODE	TYPE OF ORGANIZATIONAL ENTITY CODE	C TYPE ORG	CODE TYPE D'ORGANISME	543
TYPE SCR CODE	TYPE OF SCREENING CODE	TYPE CRIBL	TYPE DE CRIBLAGE	543

ABBREV	TERM	ABRÉV	TERME	SECTION/ SUB-SECTION
TYPE VAL CODE	TYPE OF VALUE CODE	C TYPE VAL	CODE TYPE DE VALEUR	543
UI	UNIT OF ISSUE	UD	UNITE DE DISTRIBUTION	543
UNSPSC	UNITED NATIONS STANDARD PRODUCTS AND SERVICES CODE	UNSPSC	UNITED NATIONS STANDARD PRODUCTS AND SERVICES CODE	543
UP	UNIT PRICE	PU	PRIX UNITAIRE	543
US F/DDC	US FOREIGN/DOMESTIC DESIGNATOR CODE	CODE DOMIC EU	CODE DOMICILIATION DES ÉTATS-UNIS	543
USI SERV CODE	USING SERVICE CODE	CODE SERV UT	CODE SERVICE UTILISATEUR	543
WG	WORKING GROUP	GT	GROUPE DE TRAVAIL	
WIMM	WEAPONS INTEGRATED MATERIEL MANAGER (USA)	WIMM	RESPONSABLE DU MATERIEL INTEGRE DES ARMEES (USA)	

Sub-Section 723 - French abbreviations with full text French/ English

Sous-section 723 - Abréviations françaises et texte intégral français/anglais

ABRÉV	TERME	ABBREV	TERM	SECTION/ SUB-SECTION
ACODP-1	PUBLICATION INTERALLIEE DE CODIFICATION NO. 1 = MANUEL OTAN DE CODIFICATION	ACODP-1	ALLIED CODIFICATION PUBLICATION NO. 1 = NATO MANUAL ON CODIFICATION	611
ACODP-2	PUBLICATION INTERALLIEE DE CODIFICATION NO. 2 = MANUEL OTAN MULTILINGUE DU SYSTEME DE CLASSIFICATION	ACODP-2	ALLIED CODIFICATION PUBLICATION NO. 2 = NATO MULTILINGUAL SUPPLY CLASSIFICATION HANDBOOK	611
ACODP-3	PUBLICATION INTERALLIEE DE CODIFICATION NO. 3 = MANUEL OTAN MULTILINGUE DES DENOMINATIONS	ACODP-3	ALLIED CODIFICATION PUBLICATION NO. 3 = NATO MULTILINGUAL ITEM NAME DIRECTORY	611
ACT	ACTION	ACT	ACTION	
AND	ACTUELLEMENT NON DISPONIBLE	PNA	PRESENTLY NOT AVAILABLE	632
ATC	CLASSIFICATION ANATOMIQUE, THÉRAPEUTIQUE, CHIMIQUE	ATC	ANATOMICAL, THERAPEUTIC, CHEMICAL CLASSIFICATION SYSTEM	543
AUD	ANCIENNE UNITE DE DISTRIBUTION	-	FORMER ISSUE OF UNIT	543
AUTODIN	RESEAU NUMERIQUE AUTOMATISE	AUTODIN	AUTOMATED DIGITAL NETWORK	
BIT	ELEMENT BINAIRE	BIT	BINARY DIGIT	
BNC	BUREAU NATIONAL DE CODIFICATION	NCB	NATIONAL CODIFICATION BUREAU	711
BON	BUREAU OTAN DE NORMALISATION	NSO	NATO STANDARDIZATION OFFICE	252
BPI	NOMBRE DE RANGEES D'INFORMATION PAR POUCE	BPI	BYTES PER INCH	
C TYPE IDENT	CODE TYPE D'IDENTIFICATION	TYPE II CODE	TYPE OF ITEM IDENTIFICATION CODE	543
C TYPE ORG	CODE TYPE D'ORGANISME	TYPE O.E. CODE	TYPE OF ORGANIZATIONAL ENTITY CODE	543
C TYPE VAL	CODE TYPE DE VALEUR	TYPE VAL CODE	TYPE OF VALUE CODE	543
CA	CODE D'APPLICABILITE	APPL KEY	APPLICABILITY KEY	711
CA NCAGE	CODE ASSOCIATION, NCAGE	AC NCAGE	ASSOCIATION CODE, NCAGE	543

ABRÉV	TERME	ABBREV	TERM	SECTION/ SUB-SECTION
CCA	CODE CRITERES D'ACQUISITION	AAC	ACQUISITION ADVICE CODE	543
CCR	CODE CATEGORIE DE REFERENCE	RNCC	REFERENCE NUMBER CATEGORY CODE	543
CDC	CARACTERISTIQUE DESCRIPTIVE CODEE	-	CODED CHARACTERISTICS DATA GROUP	543
CDD	CODE DISPONIBILITE DE DOCUMENT	DAC	DOCUMENT AVAILABILITY CODE	543
CIM TAD	CODE IDENTIFICATION DE MATERIEL DE TRAITEMENT AUTOMATIQUE DES DONNEES	ADP EIC	AUTOMATIC DATA PROCESSING EQUIPMENT IDENTIFICATION CODE	543
CIS	CODE INDICATEUR DE SUITE	CIC	CONTINUATION INDICATOR CODE	543
CIS MRD	CODE INDICATEUR DE SITUATION DU REPERTOIRE DES QUESTIONS PRINCIPALES	MRD SIC	MASTER REQUIREMENT DIRECTORY STATUS INDICATOR CODE	
CJM	CODE JUSTIFICATION DE LA METHODE	RPDMRC	REFERENCE OR PARTIAL DESCRIPTIVE METHOD REASON CODE	543
CJR	CODE JUSTIFICATION DE LA REFERENCE	RNJC	REFERENCE NUMBER JUSTIFICATION CODE	543
CLASSE	CLASSE OTAN	NSC	NATO SUPPLY CLASS	543
CMER	CODE MODE D'ECRITURE DE LA REFERENCE	RNFC	REFERENCE NUMBER FORMAT CODE	543
CMP	CODE METAUX PRECIEUX	PMIC	PRECIOUS METALS INDICATOR CODE	543
CMSA	CODE MODIFICATEUR DE LA SOURCE D'APPROVISIONNEMENT	SOSMC	SOURCE OF SUPPLY MODIFIER CODE	543
CN	CODE NORMALISATION	ISC	ITEM STANDARDIZATION CODE	543
CN APP	CODE NORMALISATION DE L'ARTICLE APPARENTE	ISC RPLD NSN	ITEM STANDARDIZATION CODE, REPLACED NSN	543
CO	CODE OPERATION	DIC	DOCUMENT IDENTIFIER CODE	543
CODE BNC	CODE OTAN DE BNC	NCB CODE	NATO CODE FOR NCB	543
CODE CITI	CODE DE CLASSIFICATION INTERNATIONALE TYPE, PAR INDUSTRIE, DE TOUTES LES BRANCHES D'ACTIVITÉ ÉCONOMIQUE (CITI)	ISIC CODE	INTERNATIONAL STANDARD INDUSTRIAL CLASSIFICATION OF ALL ECONOMIC ACTIVITIES (ISIC) CODE	543
CODE CONT LIGNE	CODE CONTINUATION DE LIGNE	LINE CONT CODE	LINE CONTINUATION CODE	543

ABRÉV	TERME	ABBREV	TERM	SECTION/ SUB-SECTION
CODE DEMIL	CODE DEMILITARISATION	DEMIL	DEMILITARIZATION CODE	543
CODE DENOM	CODE DENOMINATION	INC	ITEM NAME CODE	543
CODE DEST	CODE DESTINATAIRE	DEST ACT CODE	DESTINATION ACTIVITY CODE	543
CODE DOMIC EU	CODE DOMICILIATION DES ÉTATS-UNIS	US F/DDC	US FOREIGN/DOMESTIC DESIGNATOR CODE	543
CODE CPV	CODE DU VOCABULAIRE COMMUN POUR LES MARCHÉS PUBLICS (CPV)	CPV CODE	COMMON PROCUREMENT VOCABULARY (CPV)CODE	543
CODE NACE	CODE DE LA NOMENCLATURE STATISTIQUE DES ACTIVITÉS ÉCONOMIQUES DANS LA COMMUNAUTÉ EUROPÉENNE (NACE)	NACE CODE	STATISTICAL CLASSIFICATION OF ECONOMIC ACTIVITIES IN THE EUROPEAN COMMUNITY (NACE) CODE	543
CODE NAICS	CODE DU SYSTÈME DE CLASSIFICATION DES INDUSTRIES DE L'AMÉRIQUE DU NORD (NAICS)	NAICS CODE	NORTH AMERICAN INDUSTRY CLASSIFICATION SYSTEM (NAICS) CODE	543
CODE NCAGE	CODE ORGANISME COMMERCIAL OU GOUVERNEMENTAL OTAN	NCAGE CODE	NATO COMMERCIAL AND GOVERNMENT ENTITY CODE	543
CODE ORG	CODE ORGANISME	MOE CODE	MAJOR ORGANIZATIONAL ENTITY	543
CODE ORIG	CODE ORIGINE	-	ORIGINATOR CODE	543
CODE ORIG I & R	CODE SERVICE/ ORGANISME A l'ORIGINE D'I & R	ORIG I & S CODE	ORIGINATING I & S SERVICE/AGENCY DESIGNATOR CODE	543
CODE PREF	CODE ARTICLE PREFERENTIEL POUR LES RELATIONS D'I & S	PFD CODE	I & S RELATIONSHIP PREFERRED ITEM DESIGNATOR CODE	543
CODE REC	CODE RECUPERABILITE OTAN	NATO REC	NATO RECOVERABILITY CODE	543
CODE REL I & R	CODE RELATION D'I & R	I & S REL CODE	I & S RELATIONSHIP CODE	543
CODE REP	CODE REPARABILITE	REP CODE	REPAIRABILITY CODE	543
CODE RET	CODE RETOUR	RET CODE	RETURN CODE	543
CODE SEG	CODE SEGMENT	-	SEGMENT CODE	543
CODE SERV UT	CODE SERVICE UTILISATEUR	USI SERV CODE	USING SERVICE CODE	543
CODE SOUM	CODE SOUMETTANT	-	SUBMITTER CODE	543

ABRÉV	TERME	ABBREV	TERM	SECTION/ SUB-SECTION
CODE STAT	CODE STATISTIQUE DE RECHERCHE	SIC	STATISTICAL INDICATOR CODE	543
CODE TABLE REPONSE GD GIA	CODE TABLE DE REPONSE, GUIDES DE DECODAGE DES GIA	RTC IIGDG	REPLY TABLE CODE, IIG DECODE GUIDES	543
CODE TABLE REPONSE MRD	CODE TABLE DE REPONSE, REPERTOIRE DES QUESTIONS PRINCIPALES	RTC MRD	REPLY TABLE CODE, MASTER REQUIREMENT DIRECTORY	543
CODSP	PUBLICATION DE SOUTIEN EN CODIFICATION	CODSP	CODIFICATION SUPPORT PUBLICATION	611
COE	CODE OPERATION ENTREE	INPUT DIC	INPUT DOCUMENT IDENTIFIER CODE	522
COL	COLONNE	CC	RECORD POSITION	512
COTS	COMMERCIAL SUR ETAGERE	COTS	COMMERCIAL OFF-THE-SHELF	591
CP	CODE PRIORITE	PIC	PRIORITY INDICATOR CODE	543
CP NCAGE	CODE POSITION DE L'ORGANISME COMMERCIAL OU GOUVERNEMENTAL OTAN	NCAGESD CODE	NATO COMMERCIAL AND GOVERNMENT ENTITY STATUS DESIGNATOR CODE	543
CP NOI	CODE POSITION DE NUMERO OTAN D'IDENTIFICATION	NIIN SC	NATO ITEM IDENTIFICATION NUMBER STATUS CODE	543
CPV	VOCABULAIRE COMMUN POUR LES MARCHÉS PUBLICS (CPV)	CPV	COMMON PROCUREMENT VOCABULARY (CPV)	543
CRCDD	CODE RESPONSABILITE DU CODE DISPONIBILITE DE DOCUMENT	RNAAC	REFERENCE NUMBER ACTION ACTIVITY CODE	543
CRL	LISTE DE CORRESPON DANCE	CRL	CROSS REFERENCE LIST	
CS APPRO	CODE SOURCE D'APPROVISIONNEMENT	SOSC	SOURCE OF SUPPLY CODE	543
CS/PV	CODE SECURITE ET PROTECTION CONTRE LE VOL	PS/PC	PHYSICAL, SECURITY/PILFERAGE CODE	543
CTLR	CODE TRES LONGUE REFERENCE	ELRN IND CODE	EXTRA LONG REFERENCE NUMBER INDICATOR CODE	543
CVR	CODE VALEUR DE LA REFERENCE	RNVC	REFERENCE NUMBER VARIATION CODE	543
CVRA	CODE VALEUR DE LA REFERENCE POUR L'APPROVISIONNEMENT	RNSC	REFERENCE NUMBER STATUS CODE	543

ABRÉV	TERME	ABBREV	TERM	SECTION/ SUB-SECTION
DATE DEC NORM	DATE DE DECISION DE NORMALISATION	DATE STDS DEC	DATE STANDARDIZATION DECISION	543
DATE DOC	DATE DU DOCUMENT	-	TRANSACTION DATE	543
DCB	DECIMAL CODE BINAIRE	BCD	BINARY CODED DECIMAL	
DCD	DEMANDE CODEE DE DONNEES	ODRC	OUTPUT DATA REQUEST CODE	543
DEF QGIA	DEFINITION DE LA QUESTION GIA	RQMT STAT DEF	REQUIREMENT STATEMENT DEFINITION	543
DENOM APPR	DENOMINATION APPROUVEE	AIN	APPROVED ITEM NAME	543
DENOM NA	DENOMINATION NON APPROUVEE	NON AIN	NON APPROVED ITEM NAME	543
DEST CODE	CODE DESTINATAIRE	DEST ACT CODE	DESTINATION ACTIVITY CODE	543
DG	DONNEES DE GESTION	MD	MANAGEMENT DATA	
DLA	DEFENSE LOGISTICS AGENCY (USA)	DLA	DEFENSE LOGISTICS AGENCY (USA)	
DMSCO	DEMANDE DE MODIFICATION DU SYSTEME DE CODIFICATION OTAN	NCSCR	NATO CODIFICATION SYSTEM CHANGE REQUEST	461
DOD	DEPARTMENT OF DEFENSE (USA)	DOD	DEPARTMENT OF DEFENCE DOD OR DEPARTMENT OF DEFENSE (USA)	
DR	DESSIN DE REFERENCE	RD	REFERENCE DRAWING	711
EBCDIC	CODE DECIMAL DE CORRESPONDANCE TRANSCRIT EN CODE BINAIRE	EBCDIC	EXTENDED BINARY CODED DECIMAL INTERCHANGE CODE	
FAB	FABRICANT	MFR	MANUFACTURER	711
FCUD	FACTEUR DE CONVERSION DE L'UNITE DE DISTRIBUTION	-	UNIT OF ISSUE CONVERSION FACTOR	543
FD	FICHE DESCRIPTIVE	-	ITEM IDENTIFICATION CARD	711
FGD	FICHIER GENERAL DES DESCRIPTION	IIDRF	ITEM IDENTIFICATION DATA RECORD FILE	711
FGI	FICHIER GENERAL DES IDENTIFICATIONS	TIR	TOTAL ITEM RECORD	711
FIIG	GUIDE FEDERAL D'IDENTIFICATION D'ARTICLES (USA)	FIIG	FEDERAL ITEM IDENTIFICATION GUIDE (USA)	711
FILDR	FICHIER FEDERAL GENERAL DES DESCRIPTIONS (USA)	FILDR	FEDERAL ITEM LOGISTICS DATA RECORD FILE (USA)	257

ABRÉV	TERME	ABBREV	TERM	SECTION/ SUB-SECTION
FIN DON	FIN DE DONNEES	DETC	DATA ELEMENT TERMINATOR CODE	543
FIN Q	FIN DE QUESTION	CCC	CONTROL CHARACTER CODE	543
FIN SEG V	FIN DE SEGMENT V	SVTC	SEGMENT V TERMINATOR CODE	543
FP	FICHIER PILOTE	SSR	SYSTEM SUPPORT RECORD	465
GD NCAGE	GROUPE DE DONNÉES NCAGE	NCAGEDG	NCAGE DATA GROUP	543
GDR	GROUPE DE DESSINS DE REFERENCE	RDG	REFERENCE DRAWING GROUP	711
GFR	GROUPE FABRICANT REFERENCE	REF	REFERENCE	543
GIA	GUIDE D'IDENTIFICATION D'ARTICLES	IIG	ITEM IDENTIFICATION GUIDE	711
CODE GLN	CODE LIEU-FONCTION	GLN CODE	GLOBAL LOCATION NUMBER CODE	543
CODE GTIN	CODE ARTICLE INTERNATIONAL	GTIN CODE	GLOBAL TRADE ITEM NUMBER CODE	543
GT	GROUPE DE TRAVAIL	TG WG	TASK GROUP WORKNG GROUP	711
I & R	INTERCHANGEABILITE & REMPLACEMENT	I & S	INTERCHANGEABILITY & SUBSTITUTABILITY	
ID DESS PHYS	IDENTIFICATEUR DU DESSIN PHYSIQUE	PHYS DWG ID	PHYSICAL DRAWING IDENTIFIER	543
IDENT	IDENTIFICATION	II	ITEM IDENTIFICATION	711
ISAC	CODAGE SECONDAIRE SPECIFIQUE	ISAC	IDENTIFIED SECONDARY ADDRESS CODING	543
ISO	ORGANISATION INTERNATIONALE DE NORMALISATION	ISO	INTERNATIONAL ORGANIZATION FOR STANDARDIZATION	252
LCMA	LISTE DE COMPOSITION DE MATERIEL	RSPL	RECOMMENDED SPARE PARTS LIST	711
LDG	LISTE DES DONNEES DE GESTION	MDL	MANAGEMENT DATA LIST	
LDNSN	LISTE DES NUMEROS DE NOMENCLATURE OTAN FAISANT DOUBLE EMPLOI	LDNSN	LIST OF DUPLICATE NATO STOCK NUMBERS	625
LGD	LISTE GENERALE DES DESCRIPTIONS	IIDR	ITEM IDENTIFICATION DATA RECORD	256
LONG SEG	LONGUEUR DU SEGMENT	SEG LEN	SEGMENT LENGTH	543

ABRÉV	TERME	ABBREV	TERM	SECTION/ SUB-SECTION
LTD	LISTE TECHNIQUE DES DESCRIPTIONS	IL	IDENTIFICATION LIST	711
MILSPEC	SPECIFICATION MILITAIRE	MILSPEC	MILITARY SPECIFICATION	
MILSTICCS	SYSTEME STANDARD MILITAIRE DE CODAGE DES CARACTERISTIQUES D'ARTICLES	MILSTICCS	MILITARY STANDARD ITEM CHARACTERISTICS CODING STRUCTURE	711
MIS	SYSTEME D'INFORMATION DE GESTION	MIS	MANAGEMENT INFORMATION SYSTEM	581
MRC	CODE QUESTION	MRC	MASTER REQUIREMENT CODE	543
MRD	REPERTOIRE DES QUESTIONS PRINCIPALES	MRD	MASTER REQUIREMENTS DIRECTORY	711
NABS	SYSTÈME OTAN D'ÉCHANGES AUTOMATISÉS	NABS	NATO AUTOMATED BUSINESS SYSTEM	661
NADB	BASE DE DONNEES DES MUNITIONS OTAN	NADB	NATO AMMUNITION DATABASE	
NAMSA	AGENCE OTAN D'ENTRETIEN ET D'APPROVISIONNEMENT	NAMSA	NATO MAINTENANCE AND SUPPLY AGENCY	
ND	NUMERO DE DOCUMENT	DCN	DOCUMENT CONTROL NUMBER	543
NDD	NUMERO DE DONNEE	DRN	DATA RECORD NUMBER	543
NGIA	NUMERO DE GUIDE D'IDENTIFICATION D'ARTICLES	IIG NO	ITEM IDENTIFICATION GUIDE NUMBER	543
NI	NUMERO D'IDENTIFICATION	IIN	ITEM IDENTIFICATION NUMBER	121/ ANNEX II
NICSMA	AGENCE OTAN POUR LA GESTION INTEGREE DES TELECOMMUNICATIONS	NICSMA	NATO INTEGRATED COMMUNICATION MANAGEMENT AGENCY	
NMBS	SYSTEME « BOITE AUX LETTRES » DE L'OTAN	NMBS	NATO MAILBOX SYSTEM	
NMCRL	CATALOGUE PRINCIPAL DES RÉFÉRENCES DE LA LOGISTIQUE OTAN	NMCRL	NATO MASTER CATALOGUE OF REFERENCES FOR LOGISTICS	479B / 581
NN	NON-OTAN	NN	NON-NATO	
NN-CRL	LISTE DE CORRESPONDANCE DES FABRICANTS NON-OTAN	NN-CRL	NON-NATO MANUFACTURER'S CROSS REFERENCE LIST	
NNO	NUMERO DE NOMENCLATURE OTAN	NSN	NATO STOCK NUMBER	543
NNP	NUMERO DE NOMENCLATURE PREVISIONNEL	PSCN	PERMANENT SYSTEM CONTROL NUMBER	543

ABRÉV	TERME	ABBREV	TERM	SECTION/ SUB-SECTION
NO MODELE GIA	NUMERO DE MODELE, GIA	STYLE NO, IIG	STYLE NUMBER, ITEM IDENTIFICATION GUIDE	543
NO NORME INT	NUMERO DE NORME INTERNATIONALE	INT STD NO	INTERNATIONAL STANDARD NUMBER	
NOGIA	NUMERO DE GUIDE D'IDENTIFICATION D'ARTICLES	IIG NO	ITEM IDENTIFICATION GUIDE NUMBER	543
NOI	NUMERO OTAN D'IDENTIFICATION	NIIN	NATO ITEM IDENTICATION NUMBER	543
NOMJ	NUMERO OTAN DE MISE A JOUR	NATO FMSN	NATO FILE MAINTENANCE SEQUENCE NUMBER	543
NOR DIF	NUMERO DE REGLE DE DIFFUSION	MOE RULE NO	MAJOR ORGANIZATIONAL ENTITY RULE NUMBER	543
NORM	NORMALISATION	STDZ	STANDARDIZATION	711
NORME INT	NORME INTERNATIONALE	INT STD	INTERNATIONAL STANDARD	
NS	NUMERO DE SEQUENCE	PSN	PACKAGE SEQUENCE NUMBER	543
NSA	NUMERO DE SEQUENCE, ASSOCIATION	APSN	ASSOCIATION PACKAGE SEQUENCE NUMBER	543
NSG	GROUPE OTAN	NSG	NATO SUPPLY GROUP	543
NSND	NUMERO DE SERIE DU NUMERO DE DOCUMENT	DCSN	DOCUMENT CONTROL SERIAL NUMBER	543
NSPA	AGENCE OTAN DE SOUTIEN ET D'ACQUISITION	NSPA	NATO SUPPORT AND PROCUREMENT AGENCY	
NSS	NUMERO DE SEQUENCE SOUMIS	SPSN	SUBMITTED PACKAGE SEQUENCE NUMBER	543
NUMÉRO DUNS	NUMÉRO DU SYTÈME DE NUMÉROTATION UNIVERSEL DES DONNÉES (DUNS)	DUNS NUMBER	DATA UNIVERSAL NUMBERING SYSTEM (DUNS) NUMBER	543
OGIA	ORGANISME GESTIONNAIRE D'IDENTIFICATION D'ARTICLE	IIMA	ITEM IDENTIFICATION MANAGING ACTIVITY	
OLPO	ORGANISME DE LOGISTIQUE ET DE PRODUCTION DE L'OTAN	NPLO	NATO PRODUCTION AND LOGISTICS ORGANIZATION	131
ORG	ORGANISME	MOE	MAJOR ORGANIZATIONAL ENTITY	711
ORG ORIG DEC NORM	ORGANISME A L'ORIGINE DE LA DECISION DE NORMALISATION	ORIG STDS DEC	ORIGINATOR OF STANDARDIZATION DECISION	543
PCT	POURCENT	PCT	PERCENT	
PD NCAGE	PREFIXE DE DONNEES NCAGE	NCAGEDPC	NCAGE DATA PREFIX CODE	543

ABRÉV	TERME	ABBREV	TERM	SECTION/ SUB-SECTION
PHRASE	CODE PHRASE	PHRASE	PHRASE CODE	543
PU	PRIX UNITAIRE	UP	UNIT PRICE	543
QGIA	QUESTION GUIDE D'IDENTIFICATION D'ARTICLES	RQMT STAT	REQUIREMENT STATEMENT	543
QS	QUESTION STANDARD	SR	STANDARD REQUIREMENT	711
QUE	QUANTITE PAR UNITE D'EMBALLAGE	QUP	QUANTITY PER UNIT PACK CODE	543
RIC	REPORTABLE ITEM CODE	RIC	REPORTABLE ITEM CODE	543
S/O	SANS OBJET	N/A	NOT APPLICABLE	
SAC	CODE SECONDAIRE	SAC	SECONDARY ADDRESS CODE	543
SGD	SYSTEME GENERAL DE DECODAGE	GDS	GENERAL DECODING SYSTEM	281
SH	SYSTÈME HARMONISÉ	HS	HARMONIZED SYSTEM	543
SHAPE	GRAND QUARTIER GENERAL DES PUISSANCES ALLIEES EN EUROPE	SHAPE	SUPREME HEADQUARTERS ALLIED POWERS, EUROPE	
SID	SYSTEME INTEGRE DES DONNEES (USA)	FLIS	FEDERAL LOGISTICS INFORMATION SYSTEM (USA)	711
SOC	SYSTEME OTAN DE CODIFICATION	NCS	NATO CODIFICATION SYSTEM	711
SPEC	SPECIFICATION	SPEC	SPECIFICATION	711
SPEC MIL	SPECIFICATION MILITAIRE	MIL SPEC	MILITARY SPECIFICATION	
STANAG	ACCORD DE NORMALISATION OTAN	STANAG	STANDARDIZATION AGREEMENT	
TAB FD	TABULATEUR DE FICHE DESCRIPTIVE	PRINT CONT CODE	PRINT CONTROL CODE	543
TAD	TRAITEMENT AUTOMATIQUE DES DONNEES	ADP	AUTOMATIC DATA PROCESSING	
TE	EN-TETE ENTREE	IH	INPUT HEADER	543
TED	TRAITEMENT ELECTRONIQUE DES DONNEES	EDP	ELECTRONIC DATA PROCESSING	
TS	EN-TETE SORTIE	OH	OUTPUT HEADER	543
TYPE CRIBL	TYPE DE CRIBLAGE	TYPE SCR CODE	TYPE OF SCREENING CODE	543
UD	UNITE DE DISTRIBUTION	UI	UNIT OF ISSUE	543

ABRÉV	TERME	ABBREV	TERM	SECTION/ SUB-SECTION
UNSPSC	UNITED NATIONS STANDARD PRODUCTS AND SERVICES CODE	UNSPSC	UNITED NATIONS STANDARD PRODUCTS AND SERVICES CODE	543
WIMM	RESPONSABLE DU MATERIEL INTEGRE DES ARMEES (USA)	WIMM	WEAPONS INTEGRATED MATERIEL MANAGER (USA)	