



RFC-List version	RFC #	SYNERGIA	R5 Ref.
28	#360	KE11822	(450)
RFC Version: 1.01-EN		Status: ECCG.OK	

CUSTOMS/RFC: SEALS ID data group multiplicity from 99x to 9999x

RFC Proposal

RFC Title	SEALS ID data group multiplicity change from 99x to 9999x		
Related Incident(s) / Known Error	IM41622 / KE11822		
Impacted Systems	NCTS <input checked="" type="checkbox"/> ECS <input checked="" type="checkbox"/> ICS <input type="checkbox"/> EOS <input type="checkbox"/> COPIS <input type="checkbox"/> TARIC <input type="checkbox"/> RISK Mgmt <input type="checkbox"/>		
Type of Change	Simplified <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Emergency <input type="checkbox"/>		
Affected Document(s) & Version	DDNTA v18.00, DDNXA v9.00		
Implementation date	Proposed by COM	01/12/2015	Big bang (Y <input checked="" type="checkbox"/> /N <input type="checkbox"/>)
	Decision by ECCG	01/12/2015	Big bang (Y <input checked="" type="checkbox"/> /N <input type="checkbox"/>)

Analysis - Justification

Currently not more than 99 seals can be declared in a transit declaration because the repetition of the data group 'SEALS ID' is defined as 99x in DDNTA. However, within the incident IM41622 it was identified that there are transit movements with more than 99 seals.

It is proposed to change the multiplicity of the data group 'MESSAGE - SEALS INFO - SEALS ID' from 99x to 9999x in DDNTA in order to support the business need for more seal numbers in a single transit movement. The repetition of the data group 'MESSAGE - EN ROUTE EVENT - SEALS INFO - SEALS ID' will also be changed, to reflect the change in the FTSS. Since the same EDIFACT mapping is used for NCTS and ECS, the modification in DDNTA will be reflected also in DDNXA.

The new increased multiplicity (9999x) will also be in line with the maximum number of seals in ICS. This change will reinforce the interoperability of the systems, while meeting a business requirement identified by National Project Teams.

The change was already applied in the functional specifications for NCTS (see "FTSS_NCTS CORR 2013_2-IE messages_v1.00") and for ECS (see "FSS_AES CORR2013-2 v1.00 (Appendix B1)").

Proposed Changes (Functional)

None

Proposed Changes (Technical)

The following changes will take place in DDNTA.

1. The **Appendix Q2** will be modified:

1.1. The messages CD001B, CD003B, CD011A, CD012B, CC013B, CC015B, CC017B, CC029B, CD038B, CC043A, CC044A, CD050B, CC051B and CD115B will be modified. The multiplicity of the data group '**MESSAGE - SEALS INFO - SEALS ID**' will be changed from 99x to 9999x (the changes are highlighted).

---SEALS INFO	1x	(...)
-----SEALS ID	9999x	R



1.2. The messages CD007A will be modified. The multiplicity of the data group MESSAGE - EN ROUTE EVENT - SEALS INFO - SEALS ID' will be changed from 99x to 9999x (the changes are highlighted).

---EN ROUTE EVENT	9x	0	R240
-----CTL_CONTROL	1x	R	
-----INCIDENT	1x	0	
-----SEALS INFO	1x	0	
-----SEALS ID	9999x	R	

1.3. The messages CD018B will be modified. The multiplicity of the data group MESSAGE - EN ROUTE EVENT - SEALS INFO - SEALS ID' will be changed from 99x to 9999x (the changes are highlighted).

---EN ROUTE EVENT	9x	0	R217
-----INCIDENT	1x	0	
-----SEALS INFO	1x	0	
-----SEALS ID	9999x	R	

1.4. The messages CD038B will be modified. The multiplicity of the data group MESSAGE - EN ROUTE EVENT - SEALS INFO - SEALS ID' will be changed from 99x to 9999x (the changes are highlighted).

---EN ROUTE EVENT	9x	0	R240 R241
-----CTL_CONTROL	1x	R	
-----INCIDENT	1x	0	
-----SEALS INFO	1x	0	
-----SEALS ID	9999x	R	

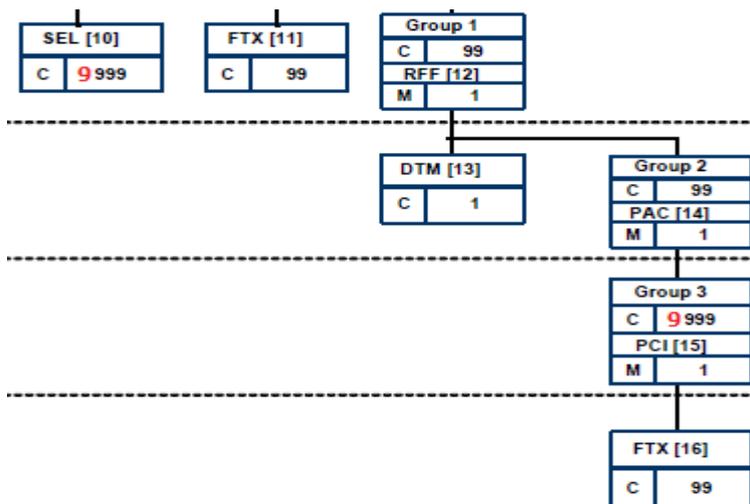
1.5. The messages CD118A will be modified. The multiplicity of the data group MESSAGE - EN ROUTE EVENT - SEALS INFO - SEALS ID' will be changed from 99x to 9999x (the changes are highlighted).

---EN ROUTE EVENT	9x	0	R240
-----INCIDENT	1x	0	
-----SEALS INFO	1x	0	
-----SEALS ID	9999x	R	

2. The **Appendix G** will be modified:

The CUSDEC branching diagram (to which all affected messages are mapped) will be updated as follows:

- The repeat factor of the segment 'SEL' will be changed from 999 to 9999.
- The repeat factor of the segment 'Group 3' will be changed from 999 to 9999.



3. The **Appendix H** will be modified:

3.1. The repeat factor of the segment ‘SEL’ will be changed from 999x to 9999x as follows:

SEL[10],SEAL NUMBER,C,9999x

3.2. The repeat factor of the segment ‘PCI’ will be changed from 999x to 9999x as follows:

PCI[15],PACKAGE IDENTIFICATION, C,9999x

3.3. The table ‘Format changes’ will be updated by adding the description of ‘SEL’ segment difference from UN Standard Messages as follows:

UNMS	Position	Change	Reason
...			
CUSDEC	SEL[10]	Repeat factor 9999	Mapping of SEALS ID (9999x)
CUSDEC	PCI[15]	Repeat factor 9999	Mapping of MESSAGE - EN ROUTE EVENT - SEALS INFO -SEALS ID (9999x)
...			

The following changes will take place in **DDNXA**.

1. The **Appendix Q2** will be modified:

1.1. The multiplicity of the data group ‘MESSAGE - SEALS INFO - SEALS ID’ will be changed from 99x to 9999x for the messages CD501B, CC517A, CD538A as follows (the changes are highlighted):

---SEALS INFO 1x 0
 -----SEALS ID 9999x D C569

1.2. The multiplicity of the data group ‘MESSAGE - SEALS INFO - SEALS ID’ will be changed from 99x to 9999x for the messages CD503B as follows (the changes are highlighted):

---SEALS INFO 1x D TR0201
 -----SEALS ID 9999x D C569



1.3. The multiplicity of the data group 'MESSAGE - SEALS INFO - SEALS ID' will be changed from 99x to 9999x for the messages CC513A, CC515A, CC529A, CC551A and CC599A as follows (the changes are highlighted):

```

---SEALS INFO           1x      0      R165
-----SEALS ID        9999x    D      C569

```

1.4. The multiplicity of the data group 'MESSAGE - SEALS ID' will be changed from 99x to 9999x for the messages CD601A, CC613A and CC615A as follows:

```

---(LODGING SUMMARY DECLARATION) PERSON  1x      R
---SEALS ID                              9999x    0

```

1.5. The multiplicity of the data group 'MESSAGE - SEALS ID' will be changed from 99x to 9999x for the message CD603A as follows:

```

---(LODGING SUMMARY DECLARATION) PERSON  1x      R
---SEALS ID                              9999x    D      TR0201

```

2. The CUSDEC branching diagram will be modified in **Appendix G**. The repeat factor of the segment 'SEL' will be changed from 999 to 9999.

3. The **Appendix H** will be modified:

3.1. The repeat factor of the segment 'SEL' will be changed from 999x to 9999x as follows:

SEL[10],SEAL NUMBER,C,9999x

3.2. The table 'Format changes' will be updated by adding the description of 'SEL' segment difference from UN Standard Messages as follows:

UNMS	Position	Change	Reason
...			
CUSDEC	SEL[10]	Repeat factor 9999	Mapping of SEALS ID (9999x)
...			

The above changes will affect the **Appendices G, H and Q2** of DDNTA and DDNXA.

Proposed Changes (BPM Level1-Level4)

- N/A at this stage

Proposed Changes (other CIs with possible impact on National applications)

None N/A

Related Changes in COM applications (For information only)

TTA and STTA This change will impact the TTA & STTA applications since a series of messages need to be updated in order to include the new multiplicity in the element SEALS ID in the NCTS and ECS domains.



Risks	
Risk of implementing (incl. Risk Level)	Risk level: 2 (Medium). The change is not a complex one. But it has a medium impact because multiple messages are affected with the new multiplicity of 'SEALS ID'.
Mitigation actions	Self-service testing with TTA. All countries to implement the change in a narrow time window.
Impact of not implementing	The number of movements with more than 99 seals is rather limited. If the change is not implemented as a big-bang, some (few) movements might be blocked, with IEx01 rejected. Considering the volume and value of those blocked goods, it is strongly recommended to avoid any delay when implementing this change.

Document History			
Version	Status	Date	Comment
v0.01	Draft by CUSTDEV2	15/11/2013	First draft
v0.02	Draft updated by CUSTDEV3	10/07/2014	Update in new template
v0.03	Draft updated by TAXUD/R5	28/08/2014	Various corrections
v0.04	Draft updated by TAXUD/R5	12/09/2014	Justification updated: stressed the need to be aligned with the functional specifications. Risk updated.
v0.05	Ready for CAB@TAXUD	19/09/2014	Minor correction in the justification.
v0.10	Sent for Review by NPMs	07/10/2014	CAB@TAXUD on 03/10/2014.
v1.00	Accepted	12/11/2014	Comment #2 implemented as defined in APO. (Includes the impacted messages 'CC007' and 'CD018'. 'CC559' is replaced by 'CC599').
v1.01	Formally approved by ECCG-5 on 02/12/2014	10/12/2014	Metadata updated. (RFCL28#360).

Contact information	
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Review information
<ol style="list-style-type: none"> Review by NPMs from 07/10/2014 until Friday 24/10/2014 COB. File also published on CIRCABC in the interest group « e-Customs IT aspects »: https://circabc.europa.eu/w/browse/a84670d1-e588-4860-8d88-38658f57ca9c. → Library > 01 Common NCTS ECS ICS > 04 TECHNICAL SPECS > 04 RFCs > 11 RFC Proposals Comments to be sent to: support@itsmtaxud.europa.eu with cc to taxud.e-customs.technical-specs@ec.europa.eu. APO3 published on Thursday 06/11/2014. Positive feedback from NA-CH, NA-IT, NA-PL, NA-PT, NA-DE. APO3 on comments from NA-UK published on 11/11 and implemented. Version "accepted" published on CIRCABC on 12/11/2014.