SCTS-AIS

**Swedish Customs Technical Specifications
for Automated Import System**

ICS phase 1

Appendix C

Codelists

Version 1.0.5
2012-04-03

1 Interchange/message level codes

K101 Application reference (an..14)

Description: To identify the content of the interchange.
Used in EDIFACT element UNB[0].0026

Code	Description
CONTRL-AIMFKV	Positive acknowledgement from TMF (Control type 1)
CONTRL-AIMFFEL	Negative acknowledgement from TMF (Control type 1)
CUSDECI-AI	Interchange CUSDEC + AUTACK from company
CONTRLU-AIKV	Positive acknowledgement from TES (Control type 2)
CONTRLU-AIFEL	Negative acknowledgement from TES (Control type 2)
CUSRESU-AI	Interchange CUSRES + AUTACK from TES
CUSDECU-AI	Interchange CUSDEC + AUTACK from TES
CONTRLI-AIKV	Positive acknowledgement from company (Control type 2)
CONTRLI-AIFEL	Negative acknowledgement from company (Control type 2)

K102 Test indicator (n1)

Description: Indication that the interchange is a test.
Used in EDIFACT element UNB[0].0035

Code	Description
1	Test indicator. Indicates that the interchange is a test

K103 Identification code qualifier (an3)

Description: Qualifier referring to the source of codes for the identifiers of interchanging partners.
Used in EDIFACT element UNB[0].S002.0007 & UNB[0].S003.0007

Code	Description
-	Address format = Organisation identification
30	Identification code qualifier according to ISO 6523, RSV. Address format = 0007 + Organisation identification

K104   Association assigned code (an..6)

Description: Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.
Used in EDIFACT element UNH[1].S009.0057

Code	Description
SE304A	Message IE304, Entry Summary Declaration Amendment Accepted
SE305A	Message IE305, Entry Summary Declaration Amendment Rejection
SE313A	Message IE313, Entry Summary Declaration Amendment
SE315A	Message IE315, Entry Summary Declaration
SE316A	Message IE316, Entry Summary Declaration Rejection
SE323A	Message IE323, Diversion Request Import
SE324A	Message IE324, Diversion Request Rejected
SE325A	Message IE325, Diversion Request Acknowledgement
SE328A	Message IE328, Entry Summary Declaration Acknowledgement
SEA01A	Message, AUTACK
SEC01A	Message, CONTRL type 1
SEC02A	Message, CONTRL type 2

K105   Document/Message Name (an..3)

Description: Document/Message Name
Identification of a type of document/message by code or name. Code preferred.
Used in EDIFACT element BGM[2].C002.1001

Code	Description
304	Message IE304, Entry Summary Declaration Amendment Accepted
305	Message IE305, Entry Summary Declaration Amendment Rejection
313	Message IE313, Entry Summary Declaration Amendment
315	Message IE315, Entry Summary Declaration
316	Message IE316, Entry Summary Declaration Rejection
323	Message IE323, Diversion Request Import
324	Message IE324, Diversion Request Rejected
325	Message IE325, Diversion Request Acknowledgement
328	Message IE328, Entry Summary Declaration Acknowledgement

K106   Acknowledgement request (n1)

Description: Acknowledgement request
Code determined by the sender for acknowledgement (CONTRL- message)
of the interchange.

Code	Description
1	Requested Acknowledgement is requested.

2 Codes in CONTRL

K201 Action codes on interchange level & Action codes on message level (an1)

Description: A code indicating acknowledgement, or rejection (the action taken) of a subject interchange, or part of the subject interchange.

Code Description

4 This level and all lower levels rejected
The corresponding referenced-level and all its lower referenced-levels are rejected. One or more errors are reported at this reporting-level or a lower reporting-level.

7 This level acknowledged, next lower level acknowledged if not explicitly rejected
The corresponding referenced-level is acknowledged. All messages or functional groups at the next lower referenced-level are acknowledged except those explicitly reported as rejected at the next lower reporting-level in this CONTRL message.

8 Interchange received
The subject interchange has been received. UNB, UNZ and UNA if present, is acknowledged. The other parts of the interchange will be acknowledged or rejected in a subsequent CONTRL message.

The codes are used as follows:
CONTRL type 1:
•Uses the code 8 or 4 in the data element UCI[2].0083 (Interchange level).

CONTRL type 2:
•Uses the code 7 or 4 in the data element UCI[2].0083 (Interchange level).
•Uses the code 4 in the data element UCM[3].0083 (Message level) provided that UCI[2].0083 = 7 and that an EDIFACT-error were found in the message.

Comment:
The entire interchange will be rejected if the result is a negative CONTRL (type 1 or 2).

K202   Error codes on interchange level, Error codes on message level, Error codes on segment level & Error codes on data element level (an..3)

Description: A code indicating the syntax error detected.
There are four levels indicating error codes. In general, the following applies:
•Each level handles a given subset of the total quantity of codes, see table below.
•The basic rule is that the error code are put at the level where the error was detected, not at superior levels.
•Error codes starting with Z are only being used for CONTRL-message type 2.

Code   Description

2   Syntax version or level not supported
Notification that the syntax version and/or level is not supported by the recipient.

7   Interchange recipient not actual recipient.
Notification that the Interchange recipient (S003) is different from the actual recipient.

12   Invalid value
Notification that the value of a simple data element, composite data element or component data element does not conform to the relevant specifications for the value.

13   Missing
Notification that a mandatory (or otherwise required) service or user segment, data element, composite data element or component data element is missing.

14   Value not supported in this position
Notification that the recipient does not support use of the specific value of an identified simple data element, composite data element or component data element in the position where it is used. The value may be valid according to the relevant specifications and may be supported if it is used in another position.

15   Not supported in this position
Notification that the recipient does not support use of the segment type, simple data element type, composite data element type or component data element type in the specific in the identified position.

16   Too many constituents
        Notification that the identified segment contained to many data elements or
        that the identified composite data element contained too many component
        data elements.

17   No agreement
        No agreement exists that allows receipt of an interchange, functional group or
        message with the value of the identified simple data element, composite data
        element or component data element.

18   Unspecified error
        Notification that an error has been identified, but the nature of the error is not
        reported.

19   Invalid decimal notation
        Notification that the character indicated as decimal notation in UNA is
        invalid, or the decimal notation used in a data element is not consistent with
        the one indicated in UNA.

20   Character invalid as service character
        Notification that a character advised in UNA is invalid as service character.

21   Invalid character(s)
        Notification that one or more character(s) used in the interchange is not a
        valid character as defined by the syntax level indicated in UNB. The invalid
        character is part of the referenced-level, or followed immediately after the
        identified part of the interchange.

22   Invalid service character(s)
        Notification that the service character(s) used in the interchange is not a valid
        service character as advised in UNA or not one of the service characters in
        the syntax level indicated in UNB or defined in an interchange agreement. If
        the code is used in UCS or UCD, the invalid character followed immediately
        after the identified part of the interchange.

23   Unknown Interchange sender
        Notification that the Interchange sender (S002) is unknown.

24   Too old
        Notification that the received interchange or functional group is older than a
        limit specified in an IA or determined by the recipient.

25   Test indicator not supported
        Notification that a test processing could not be performed for the identified
        interchange, functional group or message.

26 Duplicate detected
Notification that a possible duplication of a previously received interchange, functional group or message has been detected. The earlier transmission may have been rejected.

27 Security function not supported
Notification that a security function related to the referenced-level or data element is not supported.

28 References do not match
Notification that the control reference in UNB/UNG/UNH does not match the one in UNZ/UNE/UNT.

29 Control count does not match number of instances received
Notification that the number of functional groups/messages/segments does not match the number given in UNZ/UNE/UNT.

30 Functional groups and messages mixed
Notification that individual messages and functional groups have been mixed at the same level in the interchange.

31 More than one message type in group
Notification that different message types are contained in a functional group.

32 Lower level empty
Notification that the interchange did not contain any messages or functional groups, or a functional group did not contain any messages.

33 Invalid occurrence outside message or functional group
Notification that an invalid segment or data element occurred in the interchange, between messages or between functional groups. Rejection is reported at the level above.

34 Nesting indicator not allowed
Notification that explicit nesting has been used in a message where it shall not be used.

35 Too many segment repetitions
Notification that a segment was repeated too many times.

36 Too many segment group repetitions
Notification that a segment group is repeated too many times.

37 Invalid type of character(s)
Notification that one or more numeric characters were used in an alphabetic (component) data element or that one or more alphabetic characters were used in a numeric (component) data element.

38   Missing digit in front of decimal sign
      Notification that a decimal sign is not preceded by one or more digits.

39   Data element too long
      Notification that the length of the data element received exceeded the maximum length specified in the data element description.

40   Data element too short
      Notification that the length of the data element received is shorter than the minimum length specified in the data element description.

41   Permanent communication network error
      Notification that a permanent error was reported by the communication network used for transfer of the interchange. Re-transmission of an identical interchange with the same parameters at network level will not succeed.

42   Temporary communication network error
      Notification that a temporary error was reported by the communication network used for transfer of the interchange. Re-transmissions of an identical interchange may succeed.

43   Unknown interchange recipient
      Notification that the interchange recipient is not known by a network provider.

Z40   Incorrect document seal

Z45   Incorrect user seal

Z50   Seal error, invalid security party identification

Z55   Seal error, not agreed used cryptographic mode of operation

Z56   Seal error, invalid security date or time

Z60   Messages in the interchange not according to the agreement.
      The interchange must include exactly one CUSDEC/CUSRES message and exactly one AUTACK message.

Z61   Invalid AUTACK reference.
      Problems with either one of the external references in USX, or the internal reference USH <-> USY. Identification of the position of the error will clarify.

Z62   CUSDEC/CUSRES disapproved because of errors in the AUTACK message.
      CUSDEC / CUSRES has not been approved since the seal has not been verified due to AUTACK problems, see AUTACK error identification.

Z63   Not agreed used algorithm for document seal in segment USA

Z64   Not agreed used algorithm for user seal in segment USA

Z71   Invalid AUTACK reference.
        Problems with the external references in USX.

Z72   Invalid AUTACK reference.
        Problems with the internal reference USH <-> USY.

Z80   Invalid checksum.

Z81   Invalid digital signature (cryptographic checksum).

Z82   Invalid algorithm used for checksum calculation.

Z83   Invalid algorithm used for digital signature calculation.

Z84   Invalid CA (Certificate Authority).

Z85   Invalid certificate.

Z86   Revoked certificate.

Z87   Certificate missing or invalid serial number.

K203   Error codes of technical type (an..3)

Kod	Beskrivning
Z11	Invalid qualifier in segment FII
Z12	Invalid qualifier in segment EQD
Z13	Invalid qualifier in segment SEL
Z14	Invalid qualifier in segment CTA
Z15	Invalid qualifier in segment PAC
Z16	Invalid qualifier in segment PCI
Z17	Invalid qualifier in segment DOC
Z18	Invalid qualifier in segment CNT
Z19	Invalid qualifier in segment GIN
Z20	Invalid qualifier in segment AUT
Z21	Invalid qualifier in segment RFF
Z22	Invalid qualifier in segment LOC
Z23	Invalid qualifier in segment DTM
Z24	Invalid qualifier in segment TDT
Z25	Invalid qualifier in segment GIS
Z26	Invalid qualifier in segment NAD
Z27	Invalid qualifier in segment CST
Z28	Invalid qualifier in segment MOA
Z29	Invalid qualifier in segment MEA
Z30	Invalid qualifier in segment DCR
Z31	Invalid qualifier in segment FTX
Z33	Invalid qualifier in segment COM
Z34	Invalid qualifier in segment UNS
Z35	Invalid qualifier in segment CUX
Z36	Invalid qualifier in segment DMS
Z37	Invalid qualifier in segment GDS
Z38	Invalid qualifier in segment TAX
Z39	Invalid qualifier in segment TOD
Z76	Date in DTM segment not according to specified format qualifier

Table of the use of error codes at different levels. The segments where the error code can be, matches the levels as follows:

UCI (UCI[2].0085)	<->	Interchange level
UCM (UCM[3].0085)	<->	Message level
UCS (UCS[4].0085)	<->	Segment level
UCD (UCD[5].0085)	<->	Data element level

Code	Code name	Segment			
		UCI	UCM	UCS	UCD
2	Syntax version or level not supported	x	-	-	-
7	Interchange recipient not actual recipient	x	-	-	-
12	Invalid value	x	x	x	x
13	Missing	x	x	x	x
14	Value not supported in this position	x	x	x	x
15	Not supported in this position	x	x	x	x
16	Too many constituents	x	x	x	x
17	No agreement	x	x	-	-
18	Unspecified error	x	x	x	x
19	Invalid decimal notation	x	-	-	x
20	Character invalid as service character	x	-	-	-
21	Invalid character(s)	x	x	x	x
22	Invalid service character(s)	x	x	x	x
23	Unknown Interchange sender	x	-	-	-
24	Too old	x	-	-	-
25	Test indicator not supported	x	x	-	-
26	Duplicate detected	x	x	-	-
27	Security function not supported	x	x	x	x
28	References do not match	x	x	-	-
29	Control count does not match number of instances received	x	x	-	-
30	Functional groups and messages mixed	x	x	-	-
31	More than one message type in group	-	x	-	-
32	Lower level empty	x	-	-	-
33	Invalid occurrence outside message or functional group	x	-	-	-
34	Nesting indicator not allowed	-	x	x	x
35	Too many segment repetitions	-	-	x	-
36	Too many segment group repetitions	-	-	x	-
37	Invalid type of character(s)	x	x	-	x
38	Missing digit in front of decimal sign	-	-	-	x
39	Data element too long	x	x	-	x
40	Data element too short	x	x	-	x
41	Permanent communication network error	x	-	-	-
42	Temporary communication network error	x	-	-	-
43	Unknown interchange recipient	x	-	-	-
Z40	Incorrect document seal	-	x	-	-
Z45	Incorrect user seal	-	x	-	-
Z50	Seal error, invalid security party identification	-	x	-	-
Z55	Seal error, not agreed used cryptographic mode of operation	-	x	-	-
Z56	Seal error, invalid security date or time	-	x	-	-
Z60	Messages in the interchange not according to the agreement.	x	-	-	-
Z61	Invalid AUTACK reference.	-	x	-	-
Z62	CUSDEC/CUSRES disapproved because of errors in the AUTACK message.	-	x	-	-
Z63	Not agreed used algorithm for document seal in segment USA	-	x	-	-
Z64	Not agreed used algorithm for user seal in segment USA	-	x	-	-
Z71	Invalid AUTACK reference, (USX).	-	x	-	-
Z72	Invalid AUTACK reference, (USH<->USY).	-	x	-	-
Z80	Invalid checksum	-	x	-	-
Z81	Invalid digital signature (cryptographic checksum)	-	x	-	-
Z82	Invalid algorithm used for checksum calculation	-	x	-	-

Z83	Invalid algorithm used for digital signature calculation	-	x	-	-
Z84	Invalid CA (Certificate Authority)	-	x	-	-
Z85	Invalid certificate	-	x	-	-
Z86	Revoked certificate	-	x	-	-
Z87	Certificate missing or invalid serial number	-	x	-	-

Symbolism used in the table: x   =   Can be used
                               -   =   Can not be used

3 Codes in AUTACK

K301   Security service (an1)

Description: Specification of the security service applied.
Used in EDIFACT element USH[2].0501

Code   Description

8   Referenced EDIFACT structure origin authentication
The actual sender of the referenced EDIFACT structure cannot claim to be
some other (authorised) party

K302   Scope of security application (an1)

Description: Identifies the type of security service applied.
Used in EDIFACT element USH[2].0541

Code   Description

3   Whole related message, group or interchange
From the first character of the message, group or interchange to the last
character of the message, group or interchange

K303   Role of security provider (an1)

Description: Identifies the role of the seal issuer in relation to what has been sealed.
Used in EDIFACT element USH[2].0509

Code   Description

1   Issuer
The security provider is the rightful issuer of the signed document

K304   Security party qualifier (an1)

Description: Identifies the security originator.
              Qualifier used in EDIFACT element USH[2].S500.0577

   Code   Description

   1   Message sender
              Identifies the party which generates the security parameters of the message (i.e. security originator)

K305   Use of algorithm, document seal & Use of algorithm, user seal (an1)

Description: Clarifies in which way the algorithm is used.
              Used in EDIFACT element USA[3].S502.0523 & USA[5].S502.0523

   Code   Description

   1   Owner hashing
              Specifies that the algorithm is used by the message sender to compute the hash function on the message

   6   Owner signing
              Specifies that the algorithm is used by the message sender to sign either the hash result computed on the message or the symmetric keys

Comment: The code values are added to the data elements as follows:
              ------**SECURITY ALGORITHM, DOCUMENT. Use of algorithm** $= 1$
              --------**SECURITY ALGORITHM, USER. Use of algorithm** $= 6$

K306 Cryptographic mode of operation, document seal & Cryptographic mode of operation, user seal (an..3)

Description: Clarifies how the algorithm is used.
Used in EDIFACT element USA[3].S502.0525 & USA[5].S502.0525

Code   Description

ZT1   According to Swedish Customs security method for document seal.
See document SÄK_frågor_TES.doc

ZT2   According to Swedish Customs security method for user seal.
See document SÄK_frågor_TES.doc

Comment: The code values are added to the data elements as follows:
------SECURITY ALGORITHM, DOCUMENT. Cryptographic mode of operation $= ZT1$
--------SECURITY ALGORITHM, USER. Cryptographic mode of operation $= ZT2$

K307 Algorithm, document seal & Algorithm, user seal (an..3)

Description: Identifies the used algorithm.
Used in EDIFACT element USA[3].S502.0527 & USA[5].S502.0527

Code   Description

Z01   Used algorithm for document seal according to Swedish Customs security method.
See document SÄK_frågor_TES.doc

Z02   Used algorithm for user seal according to Swedish Customs security method.
See document SÄK_frågor_TES.doc

Comment: The code values are added to the data elements as follows:
------SECURITY ALGORITHM, DOCUMENT. Algorithm, coded $= Z01$
--------SECURITY ALGORITHM, USER. Algorithm, coded $= Z02$

K308   Validation value qualifier (an..3)

Description: Identifies the type of validation value.
                Used in EDIFACT element USY[9].S508.0563.

Code   Description

ZS1   Document seal
                See document SÄK_frågor_TES.doc.

ZS2   User seal
                See document SÄK_frågor_TES.doc.

Comment: The code values are added to the data elements as follows:
                   ------DOCUMENT SEAL.Validation value qualifier $= ZS1$
                   ------USER SEAL.Validation value qualifier $= ZS2$

4   Codes in CUSDEC/CUSRES

8   Country Codes (full list)

For codes see Taric

10   Country Codes (community)

For codes see Taric

12   Language Codes

Details : Used to specify the language used for declaration purposes and for free text information (ISO alpha 2 Codification - ISO 639).

For codes see…

13   Document Type

For codes see Taric

17   Kind of Packages

For codes see Taric

18   Transport Mode

1 Sea transport
2 Rail transport
3 Road transport
4 Air transport
5 Postal consignment
7 Fixed transport installations
8 Inland waterway transport
9 Own propulsion

27   Flag

0 NO
1 YES

39   Additional Information ID (Special Mentions)

10600 Negotiable Bill of lading 'to order blank endorsed'

45   Amendment rejection motivation code

1 Trader not allowed to amend
2 Cancelled
3 MRN unknown
4 Other
5 Goods entered already
6 Goods released for subsequent procedure
already
9 Goods under control

49   Functional Error Codes

12 Incorrect (code) value Value of an element in a message is outside the predefined domain or not part of the applicable code list.

13 Missing A mandatory/required element is missing in the received data, e.g. a required element like the MRN for the Arrival Advice (C_ARR_ADV) is not present.

14 Value not supported in this position (code value constraint) Notification that a recipient does not support use of the specific value of an identified element in the position where it is used. This type of error refers to the use of an improper code value for a specific element.

15 Not supported in this position An element is not allowed to have a value due to the following two reasons: - The element is not allowed to be present according to the FMS message specification. - The element is not allowed to be present according to some additional condition, e.g. if type of packages has the value 'UNPACKED' then number of package can not have a value (condition C60 of FTSS - AES [A4] Appendix B).

19 Invalid decimal notation The decimal notation is not according to the decimal formatting standards UCI, UCM, UCD.

26 Duplicate detected The same interchange is received again. Duplication is detected by reception of an interchange reference that has already been received.

35 Too many repetitions Too many occurrences of a segment or entity.

37 Invalid type characters Notification that one or more numeric characters were used in an alphabetic element or that one or more alphabetic characters were used in a numeric element.

38 Missing digit in front of decimal sign Notification that a decimal sign is not preceded by one or more digits.

39 Element too long (length constraint) Notification that the length of the element received exceeded the maximum length specified.

40 Element too short (length constraint) Notification that the length of an element received is shorter than the minimum length specified.

90 Unknown MRN The MRN of the received FMS is not known, whereas it is expected to be known. This type of error can not be detected in an AAR

96   Specific circumstance indicator

A Postal and express consignments
C Road mode of transport
D Rail mode of transport
E Authorised economic operators

101   UN dangerous goods code

Codes from the UNDG (United Nations Dangerous Goods list) shall be used

109   Information Type

1 Common risk analysis results and appropriate ENS data
2 Full ENS including common risk analysis results

116   Transport charges - Method of payment

A Payment in cash
B Payment by credit card
C Payment by cheque
D Other
H Electronic credit transfer
Y Account holder with carrier
Z Not pre-paid