



Customs ECS EDIFACT Trader Guide

Version Control

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1.0	20/11/2007	1, 2, 3, 4, Appendix A	Draft document published
1.1	29/11/2007	Chapter 4	PCI element 7102 resized to an..35
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1. INTRODUCTION

1.1 Purpose of Document

This document outlines the technical details of all EDIFACT messages to be sent to the Export Control System (ECS) for Irish Customs. It defines IE507-ArrivalAtExit, IE508-ArrivalAtExitRejection, IE521-DiversionRejection, IE525-ExitReleaseNotification, IE529-ExportRelease and IE599-ExportNotification for ECS declarations. The messages are based on the EDIFACT 96B directory. They are an Irish subset of Customs Declaration message (CUSDEC), and the Customs Response message (CUSRES).

Overview of Document

This section provides an overview of the document with a brief description of each chapter as outlined below.

Chapter 1 – Introduction

This section contains an introduction and overview of the document.

Chapter 2 – Outline of EDIFACT

This section contains an outline of EDIFACT. It covers the general structure, message syntax, and message structure diagram syntax.

Chapter 3 – Message Interchange Envelopes

This section contains details of the interchange segments to be sent with all messages.

Chapter 4 – SAD Declaration Message (CUSDEC)

This section contains information on the Irish subset of the 96B CUSDEC message, used to submit a SAD. It contains the following sections:

SUB-SECTION	PURPOSE
Message Branching Diagram	High-level diagram of the message
Segment Outline	High-level outline of the segments used in the message, ordered by appearance
Segment Specification	Low-level outline of the element specifications for each segment, ordered alphabetically
Correlation Table	A table specifying correlations such as those between the SAD boxes and the segment elements

Chapter 5 – SAD Response Message (CUSRES)

This section contains information on the Irish subset of the 96B CUSRES message that will be sent in response to a CUSDEC message. It contains the following sections:

SUB-SECTION	PURPOSE
Message Branching Diagram	High-level diagram of the message
Segment Outline	High-level outline of the segments used in the message, ordered by appearance
Segment Specification	Low-level outline of the element specifications for each segment, ordered alphabetically
Correlation Table	A table specifying correlations such as those between the SAD boxes and the segment elements

Chapter 6 – Error Messages

This section contains information on the CONTRL and APERAK messages, which are sent to a trader to report errors present in messages submitted to Irish Customs. There is a brief description of the CONTRL message and a detailed specification of the APERAK message, which contains the following sections:

SUB-SECTION	PURPOSE
Message Branching Diagram	High-level diagram of the message
Segment Outline	High-level outline of the segments used in the message, ordered by appearance
Segment Specification	Low-level outline of the element specifications for each segment, ordered alphabetically
Correlation Table	A table specifying correlations such as those between the SAD boxes and the segment elements

Appendix A – EDIFACT REFERENCE CODE LISTS

This section contains the EDIFACT reference code lists used by Irish Customs. More general code lists can be found with the reference lists provided with the business guides.

Appendix B – DEVIATIONS FROM D96B SPECIFICATION

This section contains the deviations that Customs have chosen to undertake in order to satisfy the requirements of SAD 2006 and Irish Revenue. Differences between the specifications are highlighted per message.

1.2 Message Standards

The following standards are used to define the messages:

- UN/EDIFACT Syntax Rules – ISO 9735
- UN/EDIFACT Syntax Implementation Rules
- UN/EDIFACT Segments Directory (EDSD)
- UN Trade Data Elements Directory (UNTDDED)
- Single Administrative Message (SAM)
- The various required code sets

1.3 Related Documents

The following documents are to be used in conjunction with this guide:

- **AEP Trader Guide** – Customs AEP Trader Guide published by the Revenue Commissioners.
- **Customs Technical Reference Lists** – Technical reference Lists published by the Revenue Commissioners.

2. OUTLINE OF EDIFACT

2.1 Overview

EDIFACT is a set of principles, which facilitate the transmission of electronic business data between groups such as exporters, government agencies, manufacturers, distributors, retailer, shippers and forwarders. EDIFACT stands for Electronic Data Interchange For Administration, Commerce and Transport. EDIFACT was developed in response to Electronic Data Interchange (EDI) developments.

2.2 General structure

Interchange

An interchange is one transmission containing one EDIFACT message. The EDIFACT interchange envelope defines the start and end of one transmission. This interchange envelope consists of two segments, the interchange header UNB and the interchange trailer UNZ. The values in UNB 0020 and UNZ 0062 must match.

Message

A UN/EDIFACT message consists of logically grouped segments. Each message starts with a header segment and ends with a trailer segment.

Depending on size and type, messages can be divided into three distinct sections: header, detail and trailer. A header section will contain data that is relevant to the whole message. The detail section contains data relevant to a particular item that can occur a number of times within the message (e.g. invoice line, customs item). The trailer section contains summary and control information relevant to the whole message.

Segment

A data segment is an intermediate unit of information in a message. It is uniquely identified by a 3 character mnemonic tag, which is used as a reference to a common group of business information. It consists of a set of pre-defined, functionally related data elements. These elements are identified by their sequential positions within the set. Segments can be mandatory or conditional. In general, only specified segments such as the leader segments (i.e. segments at the head of a message or at the head of a segment group) and certain trailer segments along with some service segments are mandatory. The specific mandatory or conditional status of a segment does not necessarily have any relationship with the mandatory or conditional status of the data requirements in a message.

Each data segment has a specific position within the sequence of segments in a message. Segments can appear as single segments (i.e. on their own) or as part of a predefined segment group.

Service Segment

A service segment is a segment that contains non-business related data. These segments usually encompass interchanges and messages in the form of headers, trailers, and sections controls. For example, the UNB and UNZ service segments are header and trailers for an interchange and the UNH and UNT segments are service segments for a message, while the UNS service segments are used to differentiate between the header, detail, and trailer sections within a message. The values in UNH 0062 and UNT 0062 must match.

Segment Group

A segment group is a collection of segments that are related within a message structure. A simple example would be a group for payment details. This would typically include a segment for the Declared Quantity of Packages (using PAC), the Marks of the Packages (using PIC). This would result in the PAC-PIC Segment Group.

Composite Element

A composite element is a lower level of detail to identify business data within a segment. It is normally used when a data item requires additional information. Each composite element has a unique code identifying it. A composite element could be used, for example, when a data item is in the form of a code and it requires a type qualifier. In this case, composites are used as they contain a group of data elements.

Data Element

A data element is the lowest level within the EDIFACT structure for holding data. Each data element has a unique code identifying it. A data element can exist as a stand-alone element or as a sub-element within a composite element. Data elements, like segments can have a status of either mandatory or conditional. Like the segment status, the element status has no relation to the SAD input requirements.

For the purpose of this specification the business codes will be those used for the completion of a SAD. Some data elements have associated code lists, which are published by organisations such as the International Standards Organisation (ISO). However, the United Nations also has its own code lists and, in addition, it is often possible for a trading partner to use their own.

Note that some data elements used in these specifications have their own associated restricted list of codes. Where possible, these are based on international standards. However, some of them have been created where the international standards are not suited to the Irish requirements of this system. A list of EDIFACT codes used within these specifications is provided at the end of this guide.

Transmission Structure

The structure of an EDIFACT transmission would look like this:

UNB Interchange Header
 UNH Message Header
 User Data Segments
 UNT Message Trailer
UNZ Interchange Trailer

2.3 EDIFACT Message Syntax

Reserved Characters

In order to identify where data lies within an EDIFACT message, data segment/element separators are used. These reserved characters are:

'	=	Segment terminator
+	=	Segment tag and data element separator
:	=	Component data element separator
?	=	Reserved character release character

The purpose of the '?' is to return the reserved character to normal use. This is done by placing the '?' directly before the reserved character. For example within the EDIFACT syntax 10+10 does not = 20.

Because '+' is a reserved character, if it appears on its own, it is regarded as a data separator and not as an arithmetic sign. To use a character as an arithmetic sign, the following syntax must be used:

10?+10=20

Note: If one or more conditional elements occurs at the end of one occurrence of a segment but does not occur at the end of another occurrence, there should not be a preceding '+' for the second occurrence as the element will not be present and therefore does not need to be separated from previous elements in the segment. This element must be excluded by truncation using the data element separator, if at the end of a composite data element or, by the segment terminator, if at the end of a segment.

For example,

TAG+X:Y:Z+20'

represents a sample EDIFACT segment, where X, Y, and Z belong to a composite. If say Y and Z were truncated then the EDIFACT would be as follows:

TAG+X+20'

In the case where, composite 20 is truncated, then the EDIFACT would be as follows:

TAG+X:Y:Z'

In the case where, X and Y were truncated then the EDIFACT would be as follows:

TAG+::Z+20'

Numeric Sign Values

All numbers are assumed to be positive unless explicitly stated. For example a positive value of 100 will simply be transmitted as 100. A negative value for 100 is transmitted as -100. If a value is negative, the number is immediately preceded by a minus sign.

The minus sign will not count as a character for computing the maximum field size of a data element. However, allowance has to be made for the character in transmission and reception.

Decimal Point

When a decimal point is transmitted, there must be at least one digit before and after the decimal point, as shown below:

NOT ALLOWED	ALLOWED
.5	0.5
5.	5.0
	5

The decimal point does not count for computing maximum field size of the data element but allowance must be made for transmission and reception.

Triad Separator

Special characters cannot separate large numbers.

NOT ALLOWED	ALLOWED
25,000,000	25000000
25.000.000	
25 000 000	

2.4 Message Structure Diagram Syntax

This section presents an overview of the EDIFACT Message Structure Diagrams for the messages used in the Customs ECS system, and is provided for information only. It states how EDIFACT UNSMs (United Nations Standard Message) are used for implementing these messages. A message structure diagram describes the hierarchy, sequence, repeat count, and status of the segments in the message as published in the UN/EDIFACT Directory.

Every Customs ECS message is mapped to a particular UNSM. The UNSMs to be used are CUSDEC and CUSRES. These messages are mapped to the D96B directory of EDIFACT UNSMs.

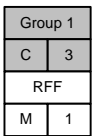


Every UNSM should be considered as a hierarchy of EDIFACT segments and/or EDIFACT segment groups, which needs to be built according to the standard EDIFACT rules.

This document defines which parts of the UNSMs are used, and which modifications have been introduced for the UNSMs. As not all parts and components of the UNSMs are needed in order to implement the messages, only those elements and components from the UNSMs that are foreseen for each message are shown in the relevant sections.

Components

The diagrams contain the following components:

<table border="1"> <tr> <td colspan="2">BGM</td> </tr> <tr> <td>M</td> <td>1</td> </tr> </table>	BGM		M	1	<p>Segment</p> <p>The segment tag is in the top of the box (BGM in this example). The bottom left is where the segment usage is specified as M for Mandatory or C for Conditional. The bottom right part of the box denotes the number of times the segment may occur (1 in this example). If the number is 9, 99, 999, etc., it denotes that the segment may repeat that number of times or less. If the number is specified as 999, then it repeats 999 times, essentially denoting infinite occurrences.</p>
BGM					
M	1				

	<p>Segment Group The group number on the top line (Group 1 in this example) gives a sequential number for segment groups throughout the message. Every segment group has a unique number. Following the usage and repeat factor of the group (C3 in this example), the trigger segment is identified (RFF in this example). A trigger segment is always Mandatory (it must be used if the segment group is used) as it contains the key to which all subsequent segments in the group relate. Moreover, a trigger segment should appear at least once within the occurrence of a group.</p>
	<p>Connector Connectors denote the reference for where the message continues to or from. Connectors are labelled A, B, C etc.</p>
	<p>Solid Lines Solid lines connect the different segments and groups. A solid line should be understood as "consists of".</p>

The diagrams are read from left to right and from top to bottom. When different segments and/or groups are present at the same level, this should be understood as "consists of the sequence of the following items".

2.5 Irish EDIFACT Requirements

The information contained in this guide relates only to the current Irish Customs EDIFACT requirements.

The reserved characters to be used are the same as those outlined in the previous section (i.e. + : ' ?). The same usages also apply.

An explicit decimal point must be shown for all appropriate numeric data being transmitted in an EDIFACT message.

2.6 Future Message Developments

Further amendments may be required in the event of extra data requirements being specified. For example, if an EC directive were to be issued in relation to capturing specific data that is not currently required, amendments may have to be made to the current Irish EDIFACT subset to take account of this. In this situation, the structure of the CUSDEC or CUSRES is not affected but Irish Customs may require using segments in the existing structure, which were not initially used.

Changes to the code list may be required from time to time, depending on the development of the international EDIFACT code lists and Irish Customs data requirements.

3. MESSAGE INTERCHANGE ENVELOPES & SERVICE SEGMENTS

3.1 Interchange Envelopes

This section outlines the segments of the message interchange envelope for messages.

Note 1: For Direct Trader Input (DTI) transmitted between Trader and the Revenue On-Line Services (ROS) using Web Service Protocol, the EDIFACT Messages will be wrapped in a web services envelope for communication over the web with Revenue On-Line Services. Many of the fields that are usually facilitated in the interchange envelopes have now been catered for at the web services level. For example, the sender identification is verified via the digital certificate that is used in conjunction with the web service to submit a message. Therefore many of the mandatory EDIFACT fields that are populated at this level will be ignored. The values in the fields will not be validated and the values will not be the same on the outbound messages.

Note 2: For all messages sent to the customs system i.e. CUSDEC, the recipient identification must be set to code value "REV.IE". For all messages sent from the customs system i.e. CUSRES, the sender identification will be set to the code value "REV.IE". The sender identification will be ignored going into customs and the recipient identification will be set to the trader identifier in the digital certificate. See note 1 about field validation.

Note 3: The interchange control reference number at the UNB and UNZ segments and the message control reference number at the UNH and UNT segments will not be validated and the values will be ignored as per Note 1. A default value of 0 will be applied to both reference numbers in their respective segments for messages sent from customs.

Header Section

UNB Interchange Header
This segment identifies the start of an interchange.

UNB	INTERCHANGE HEADER		
Function: To start, identify and specify an interchange			
<u>S001 SYNTAX IDENTIFIER</u>	<u>M</u>		
0001 Syntax Identifier	M	a4	UNOC
0002 Syntax Version Number	M	n1	3
<u>S002 INTERCHANGE SENDER</u>	<u>M</u>		
0004 Sender identification	M	an..35	
0007 Identification code qualifier	C	an..4	not used
0008 Address for reverse routing	C	an..14	not used
<u>S003 INTERCHANGE RECIPIENT</u>	<u>M</u>		
0010 Recipient identification	M	an..35	
0007 Identification code qualifier	C	an..4	not used
0014 Routing address	C	an..14	not used
<u>S004 DATE/TIME OF PREPARATION</u>	<u>M</u>		
0017 Date	M	n6	
0019 Time	M	n4	
<u>0020 INTERCHANGE CONTROL REFERENCE</u>	<u>M</u>	an..14	

<u>S005 RECIPIENTS REFERENCE, PASSWORD</u>	<u>C</u>		
0022 Recipient's reference/password	M	an..14	not used
0025 Recipient's reference/password qualifier	C	an..2	not used
<u>0026 APPLICATION REFERENCE</u>	<u>C</u>	an..14	not used
<u>0029 PROCESSING PRIORITY CODE</u>	<u>C</u>	a1	not used
<u>0031 ACKNOWLEDGEMENT REQUEST</u>	<u>C</u>	n1	not used
<u>0032 COMMUNICATIONS AGREEMENT ID</u>	<u>C</u>	an..35	not used
0035 TEST INDICATOR	C	n1	not used

Trailer Section

UNZ Interchange Trailer
 This segment is used as a control segment. The number of messages in an interchange is identified here. Also the reference number in the UNB is specified in the UNZ for control purposes.

UNZ	INTERCHANGE TRAILER
Function: To end and check the completeness of an interchange	

<u>0036 INTERCHANGE CONTROL COUNT</u>	<u>M</u>	n..6
<u>0020 INTERCHANGE CONTROL REFERENCE</u>	<u>M</u>	an..14

3.2 Service Segments

This section outlines the various service segments used within an EDIFACT message.

Header Section

UNH Message Header
 A service segment starting and uniquely identifying a message. The message type code must be specified.

UNH	MESSAGE HEADER
Function: To start, identify and specify a message	

0062 Message Reference Number	M	an14	
<u>S009 MESSAGE IDENTIFIER</u>	<u>M</u>		
0065 Message Type	M	an..6	See 0065 codes in Appendix A
0052 Message Version Number	M	an..3	'D'
0054 Message Release Number	M	an..3	'96B'
0051 Controlling Agency	M	an..2	'UN'
0057 Association Assigned Code	M	an..6	See 0057 codes in Appendix A
<u>0068 COMMON ACCESS REFERENCE</u>	<u>C</u>	an..35	not used
<u>S010 STATUS OF TRANSFER</u>	<u>C</u>		
0070 Sequence of transfers	M	n..2	not used
0073 First and Last transfer	C	a..1	not used

Trailer Section

UNT Message Trailer
 This segment is used as a control segment. The number of segments in a message is identified here. Also the reference number in the UNH is specified in the UNT for control purposes.

UNT	MESSAGE TRAILER
Function: To end and check the completeness of a message	

<u>0074 NUMBER OF SEGMENTS IN THE MESSAGE</u>	<u>M</u>	n..6
No. of segments in a message		
<u>0062 MESSAGE REFERENCE NUMBER</u>	<u>M</u>	an..14

Section Control

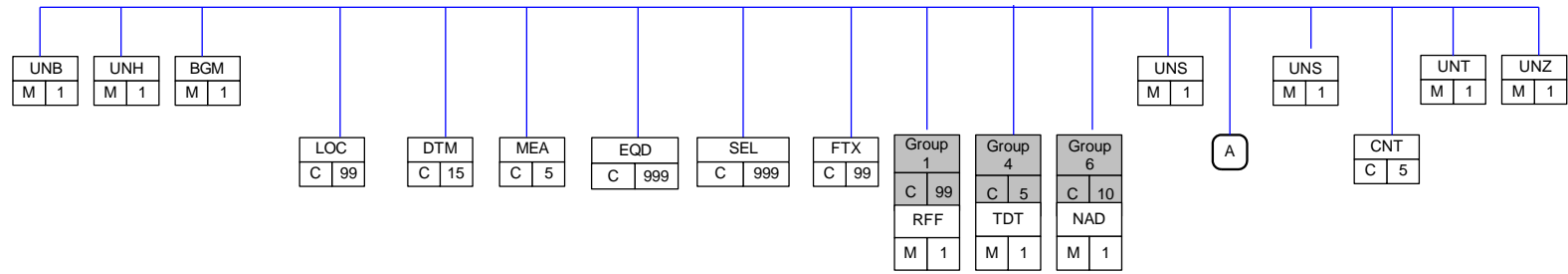
UNS Section Control
 A service segment is placed at the beginning of the detail/summary section to indicate the start of that section.

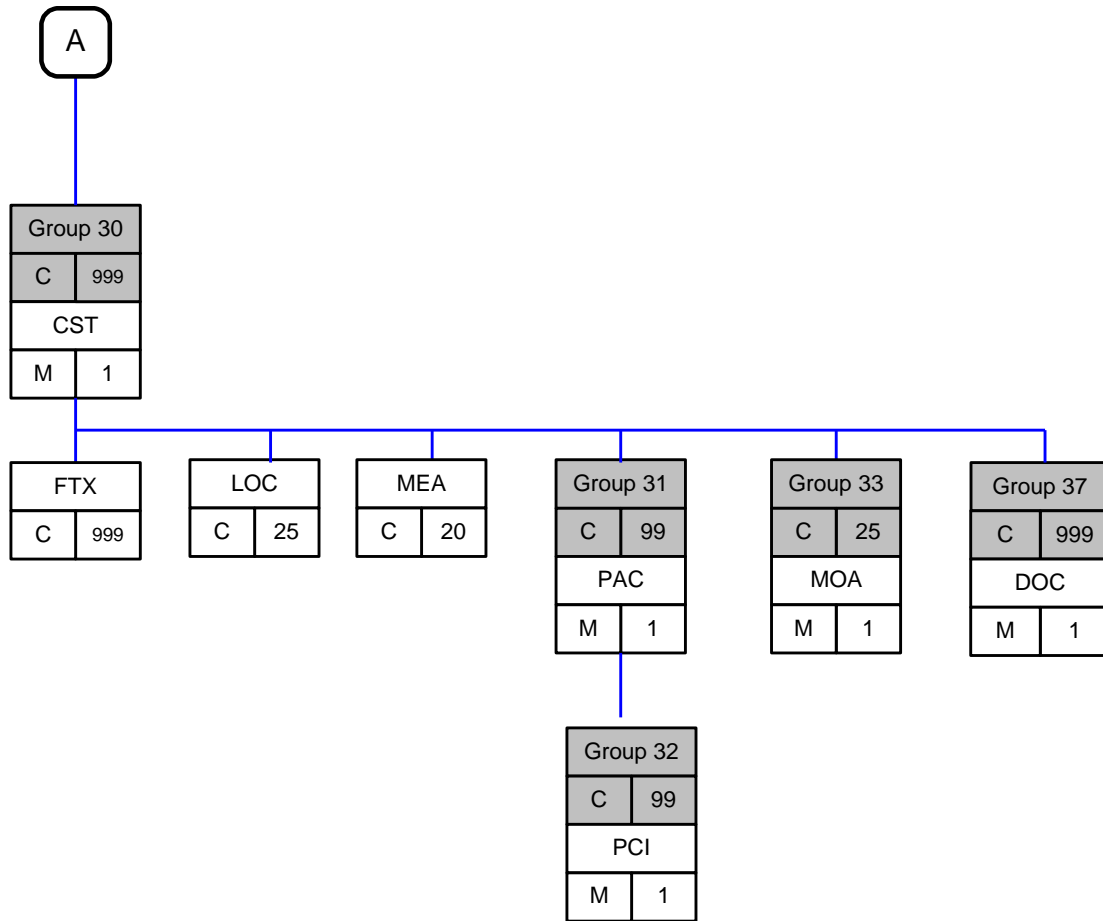
UNS	SECTION CONTROL
Function: To indicate the start of a detail section or a summary section.	

<u>0081 SECTION IDENTIFICATION</u>	<u>M</u>	a1	See 0081 codes in Appendix A
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4. SAD DECLARATION MESSAGE (CUSDEC)

4.1 Message Structure Diagram





4.2 Segment Outline

Header Section

- 0010 **UNH** Message Header
 A service segment starting and uniquely identifying a message. The message type code for the Customs declaration message is CUSDEC.
- Note: Customs declaration messages conforming to this document must contain the following data in segment UNH, composite S009:
- Data element 0065 CUSDEC
 0052 D
 0054 96B
 0051 UN
 0057 one value from the following list:
 (CD507A, CD521A, CD525A, CD529A or CD599A)
- 0020 **BGM** Beginning of message
 A segment identifying the declaration type and reference.
- 0040 **LOC** Place / location identification
 A segment identifying a place or location relevant to the entire message. For example, port of loading, office of entry, etc.
- 0050 **DTM** Date / time / period
 A segment identifying dates, times or periods relevant to the whole message. For example, actual date of arrival, elected date of presentation, etc.
- 0080 **MEA** Measurements
 A segment identifying the necessary statistical information requirements related to a tariff number. For example, net weights, volumes, etc.
- 0090 **EQD** Equipment details
 A segment identifying the equipment (e.g. container id.) used to transport all the goods related to the whole declaration (message).
- 0100 **SEL** Seal Number
 A segment identifying Customs seals used in the transport of goods related to the whole declaration (message).
- 0110 **FTX** Free text
 A segment explaining the reasons or actions undertaken in processing a message.
- 0120 **Group 1: RFF-DTM**
 A group of segments identifying various references, manifest quantities and package identities relevant to the whole message.
- 0130 **RFF** Reference
 A segment identifying the various references relevant to the whole message.
- 0200 **Group 4: TDT-TPL**
 A group of segments identifying the mode, means and identification of the transport used.
- 0210 **TDT** Details of transport

A segment identifying the mode and means of transport used.

0270 **Group 6: NAD-RFF-CTA-COM**

A group of segments identifying the parties relevant to the whole message, with their related references, contacts, and communication numbers.

0280 **NAD** Name and address

A segment identifying the parties relevant to the entire message. For example importer, ultimate consignee, etc.

Detail Section

0410 **UNS** Section control

A service segment placed at the beginning of the detail section to indicate the beginning of that section.

Detail Section – Item Detail

- 1210 **Group 30: CST-FTX-LOC-DTM-MEA-NAD-TDT-SG31-SG33-SG35-SG37-SG38-SG39-SG40-SG41-SG42-SG44**
 A group of segments identifying detailed information for a single customs item of a customs declaration.
- 1220 **CST** Customs status of goods
 A segment identifying the customs tariff of the goods, their required treatment and, where these are different to the header information, the type of declaration and the current status of the goods.
- 1230 **FTX** Free text
 A segment identifying the goods, related to the preceding CST, in narrative form.
- 1240 **LOC** Place / location identification
 A segment identifying the places relevant to a customs item. For example, country of origin, country of export, etc.
- 1260 **MEA** Measurements
 A segment identifying the necessary statistical information requirements related to a tariff number. For example, net weights, volumes, etc.
- 1290 **Group 31: PAC-SG32**
 A group of segments identifying the number, type and reference of the packing units associated with the customs item.
- 1300 **PAC** Package
 A segment identifying the number and type of packages relating to the customs item.
- 1310 **Group 32: PCI-FTX**
 A group of segments identifying marks and labels, and giving the description of single packages associated with a customs item.
- 1320 **PCI** Package identification
 A segment identifying markings and labels on the type of packages reported in the preceding PAC.
- 1350 **Group 33: MOA-SG34**
 A group of segments identifying various monetary amounts, currencies and rates of exchange that pertain to the customs item.

MOA Monetary amount
 A segment identifying the monetary amounts necessary for statistical and duty purposes.
- 1470 **Group 37: DOC-DTM-LOC-NAD**
 A group of segments identifying report documentary requirements of particular government agencies, with the optional name and address of the agency involved.

1480 **DOC** Document / message details
A segment identifying a document related to a customs item.

Summary Section

1920 **UNS** Section control
A service segment placed at the beginning of the summary section to indicate the start of that section.

1930 **CNT** Control total
A segment specifying control totals. For example, the number of commercial documents, the total number of customs item, values, and packages reported in the message.

2010 **UNT** Message trailer
A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

4.3 Segment Specification

BGM	BEGINNING OF MESSAGE		
Function: To indicate the type and function of a message and to transmit the identifying number.			

<u>C002DOCUMENT / MESSAGE NAME</u>	C		
1001 Document / message name, coded	C	an..3	not used
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used
1000 Document / message name	C	an..35	
<u>C106DOCUMENT / MESSAGE IDENTIFICATION</u>	C		
1004 Document / message number	C	an..35	
1056 Version	C	an..9	not used
1060 Revision number	C	an..6	not used
<u>1225 MESSAGE FUNCTION, CODED</u>	C	an..3	not used
<u>4343 RESPONSE TYPE, CODED</u>	C	an..3	not used

CNT	CONTROL TOTAL		
Function: To provide control total.			

<u>C270CONTROL</u>	M		
6069 Control qualifier	M	an..3	See 6069 codes in Appendix A
6066 Control value	M	n..18	
6411 Measure unit qualifier	C	an..3	not used

CST	CUSTOMS STATUS OF GOODS		
Function: To specify goods in terms of customs identities, status and intended use.			

<u>1496 GOODS ITEM NUMBER</u>	C	n..5	
<u>C246CUSTOMS IDENTITY CODES</u>	C		
7361 Customs code identification	M	an..18	
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used
<u>C246CUSTOMS IDENTITY CODES</u>	C		
7361 Customs code identification	M	an..18	
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used
<u>C246CUSTOMS IDENTITY CODES</u>	C		
7361 Customs code identification	M	an..18	
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used
<u>C246CUSTOMS IDENTITY CODES</u>	C		
7361 Customs code identification	M	an..18	not used
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used

DOC	DOCUMENT / MESSAGE DETAILS		
Function: To identify documents, either printed, electronically transferred, or referenced as specified in message description, including, where relevant, the identification of the type of transaction that will result from this message.			

<u>C002DOCUMENT / MESSAGE NAME</u>	M		
1001 Document / message name, coded	C	an..4	See 1001 codes in Appendix A
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used
1000 Document / message name	C	an..35	
<u>C503DOCUMENT / MESSAGE DETAILS</u>	C		
1004 Document / message number	C	an..255	
1373 Document / message status, coded	C	an..3	not used
1366 Document / message source	C	an..35	not used
3453 Language, coded	C	an..3	not used
<u>3153 COMMUNICATION CHANNEL IDENTIFIER, CODED</u>	C	an..3	not used
<u>1220 NO. OF COPIES OF DOCUMENT REQUIRED</u>	C	n..2	not used
<u>1218 NO. OF ORIGINALS OF DOCUMENT REQUIRED</u>	C	n..2	not used

DTM	DATE / TIME / PERIOD		
Function: To specify date, and / or time, or period.			

<u>C507DATE / TIME / PERIOD</u>	M		
2005 Date / time / period qualifier	M	an..3	See 2005 codes in Appendix A
2380 Date / time / period	C	an..35	
2379 Date / time / period format qualifier	C	an..3	not used

EQD	EQUIPMENT DETAILS		
Function: To identify a unit of equipment.			

<u>8053 EQUIPMENT QUALIFIER</u>	M	an..3	See 8053 codes in Appendix A
<u>C237EQUIPMENT IDENTIFICATION</u>	C		
8260 Equipment identification number	C	an..17	
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used
3207 Country, coded	C	an..3	not used
<u>C224EQUIPMENT SIZE AND TYPE</u>	C		
8155 Equipment size and type identification	C	an..10	not used
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used
8154 Equipment size and type	C	an..35	not used
<u>8077 EQUIPMENT SUPPLIER, CODED</u>	C	an..3	not used
<u>8249 EQUIPMENT STATUS, CODED</u>	C	an..3	not used
<u>8169 FULL / EMPTY INDICATOR, CODED</u>	C	an..3	not used

FTX	FREE TEXT		
Function: To provide free form or coded text information.			
4451 TEXT SUBJECT QUALIFIER	M	an..3	See 4451 codes in Appendix A
4453 TEXT FUNCTION, CODED	C	an..3	not used
C107TEXT REFERENCE	C		
4441 Free text identification	M	an..17	
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used
C108TEXT LITERAL	C		
4440 Free text	C	an..512	
4440 Free text	C	an..512	not used
4440 Free text	C	an..512	not used
4440 Free text	C	an..512	not used
4440 Free text	C	an..512	not used
3453 LANGUAGE, CODED	C	an..3	not used

LOC	PLACE / LOCATION IDENTIFICATION		
Function: To identify a country / place / location / related location one / related location two.			
3227 PLACE / LOCATION QUALIFIER	M	an..3	See 3227 codes in Appendix A
C517LOCATION IDENTIFICATION	C		
3225 Place / location identification	C	an..25	
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used
3224 Place / location	C	an..70	
C519RELATED LOCATION ONE IDENTIFICATION	C		
3223 Related place / location one identification	C	an..25	not used
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used
3222 Related place / location one	C	an..70	not used
C553RELATED LOCATION TWO IDENTIFICATION	C		
3233 Related place / location two identification	C	an..25	not used
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used
3232 Related place / location two	C	an..70	not used
5479 RELATION	C	an..3	not used

MEA	MEASUREMENTS		
Function: To specify physical measurements, including dimension tolerances, weights and counts.			
6311 MEASUREMENT APPLICATION QUALIFIER	M	an..3	See 6311 codes in Appendix A
C502MEASUREMENT DETAILS	C		
6313 Measurement dimension, coded	C	an..3	See 6313 codes in Appendix A
6321 Measurement significance, coded	C	an..3	not used
6155 Measurement attribute identification	C	an..17	not used
6154 Measurement attribute	C	an..70	not used
C174VALUE / RANGE	C		
6411 Measure unit qualifier	M	an..3	See 6411 codes in Appendix A
6314 Measurement value	C	n..18	
6162 Range minimum	C	n..18	not used

6152 Range maximum	C	n..18	not used
6432 Significant digits	C	n..2	not used
<u>7383 SURFACE / LAYER INDICATOR, CODED</u>	C	an..3	not used

MOA	MONETARY AMOUNT		
Function: To specify a monetary amount.			

<u>C516 MONETARY AMOUNT</u>	M		
5025 Monetary amount type qualifier	M	an..3	See 5025 codes in Appendix A
5004 Monetary amount	C	n..18	
6345 Currency	C	an..3	not used
6343 Currency qualifier	C	an..3	not used
4405 Status, coded	C	an..3	not used

NAD	NAME AND ADDRESS		
Function: To specify the name / address and their related function, either by CO82 only and / or unstructured by CO58 or structured by CO80 thru 3207.			

<u>3035 PARTY QUALIFIER</u>	M	an..3	See 3035 codes in Appendix A
<u>C082 PARTY IDENTIFICATION DETAILS</u>	C		
3039 Party id. identification	M	an..35	
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used
<u>C058 NAME AND ADDRESS</u>	C		
3124 Name and address line	M	an..35	not used
3124 Name and address line	C	an..35	not used
3124 Name and address line	C	an..35	not used
3124 Name and address line	C	an..35	not used
3124 Name and address line	C	an..35	not used
<u>C080 PARTY NAME</u>	C		
3036 Party name	M	an..35	
3036 Party name	C	an..35	not used
3036 Party name	C	an..35	not used
3036 Party name	C	an..35	not used
3036 Party name	C	an..35	not used
3045 Party name format, coded	C	an..3	not used
<u>C059 STREET</u>	C		
3042 Street and number / p.o. box	M	an..35	
3042 Street and number / p.o. box	C	an..35	not used
3042 Street and number / p.o. box	C	an..35	not used
3042 Street and number / p.o. box	C	an..35	not used
<u>3164 CITY NAME</u>	C	an..35	
<u>3229 COUNTRY SUB-ENTITY IDENTIFICATION</u>	C	an..9	
<u>3251 POSTCODE IDENTIFICATION</u>	C	an..9	
<u>3207 COUNTRY</u>	C	an..3	

PAC	PACKAGE		
Function: To describe the number and type of packages / physical units.			
7224 NUMBER OF PACKAGES	C	n..8	See 7224 codes in Appendix A
C531PACKAGING DETAILS			
7075 Packaging level, coded	C	an..3	not used
7233 Packaging related information, coded	C	an..3	not used
7073 Packaging terms and conditions, coded	C	an..3	not used
C202PACKAGE TYPE			
7065 Type of packages identification	C	an..17	not used
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used
7064 Type of packages	C	an..35	
C402PACKAGE TYPE IDENTIFICATION			
7077 Item description type, coded	M	an..3	
7064 Type of packages	M	an..35	not used
7143 Item number type, coded	C	an..3	not used
7064 Type of packages	C	an..35	not used
7143 Item number type, coded	C	an..3	not used
C532RETURNABLE PACKAGE DETAILS			
8395 Returnable package freight payment responsibility, coded	C	an..3	not used
8393 Returnable package load contents, coded	C	an..3	not used

PCI	PACKAGE IDENTIFICATION		
Function: To specify markings and labels on individual packages or physical units.			
4233 MARKING INSTRUCTIONS, CODED	C	an..3	See 4233 codes in Appendix A
C210MARKS & LABELS			
7102 Shipping marks	M	an..35	
7102 Shipping marks	C	an..35	
7102 Shipping marks	C	an..35	not used
7102 Shipping marks	C	an..35	not used
7102 Shipping marks	C	an..35	not used
7102 Shipping marks	C	an..35	not used
7102 Shipping marks	C	an..35	not used
7102 Shipping marks	C	an..35	not used
7102 Shipping marks	C	an..35	not used
7102 Shipping marks	C	an..35	not used
8275 CONTAINER / PACKAGE STATUS, CODED	C	an..3	not used
C827TYPE OF MARKING			
7511 Type of marking, coded	M	an..3	not used
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used

RFF	REFERENCE		
Function: To specify a reference.			
C506REFERENCE			
1153 Reference qualifier	M	an..3	See 1153 codes in Appendix A
1154 Reference number	C	an..35	
1156 Line number	C	an..8	not used
4000 Reference version number	C	an..35	not used

SEL	SEAL NUMBER
Function: To specify a seal number related to equipment.	

9308 SEAL NUMBER	M	an..20
<u>C215 SEAL ISSUER</u>	C	
9303 Sealing party, coded	C	an..3 not used
1131 Code list qualifier	C	an..3 not used
3055 Code list responsible agency, coded	C	an..3 not used
9302 Sealing party	C	an..35
4517 SEAL CONDITION, CODED	C	an..3 not used

TDT	DETAILS OF TRANSPORT
Function: To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport. The TPL segment may point to this segment.	

<u>8051 TRANSPORT STAGE QUALIFIER</u>	M	an..3	See 8051 codes in Appendix A
<u>8028 CONVEYANCE REFERENCE NUMBER</u>	C	an..17	not used
<u>C220MODE OF TRANSPORT</u>	C		
8067 Mode of transport	C	an..3	not used
8066 Mode of transport	C	an..17	not used
<u>C228TRANSPORT MEANS</u>	C		
8179 Type of means of transport identification	C	an..8	not used
8178 Type of means of transport	C	an..17	not used
<u>C040CARRIER</u>	C		
3127 Carrier identification	C	an..17	not used
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used
3128 Carrier name	C	an..35	not used
<u>8101 TRANSIT DIRECTION, CODED</u>	C	an..3	not used
<u>C401EXCESS TRANSPORTATION INFORMATION</u>	C		
8457 Excess transportation reason, coded	M	an..3	not used
8459 Excess transportation responsibility, coded	M	an..3	not used
7130 Customer authorization number	C	an..17	not used
<u>C222TRANSPORT IDENTIFICATION</u>	C		
8213 Id. of means of transport identification	C	an..9	not used
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used
8212 Id. of the means of transport	C	an..35	
8453 Nationality of means of transport, coded	C	an..3	not used
<u>8281 TRANSPORT OWNERSHIP, CODED</u>	C	an..3	not used

4.4 Correlations – EDIFACT /Declaration

IE507-ArrivalAtExit

SAD BOX NO	BOX NAME	POSITION	SEGMENT	ELEMENT	QUALIFIER	QUALIFIER VALUE	EXTERNAL REF LISTS FOR ELEMENTS
A	Customs Declaration (SAD) Number Assigned by Customs –MRN	0020	BGM	1004			
29	Office of exit/entry	0040	LOC	3225	3227	3227=42	See Office of Entry/Exit codes in AEP Trader Guide
-	Arrival Notification Place	0040	LOC	3225	3227	3227=60	See Office of Entry/Exit codes in AEP Trader Guide
30	Location of Goods	0040	LOC	3224	3227	3227=14	See Office of Entry/Exit codes in AEP Trader Guide
-	Arrival Agreed Location Code	0040	LOC	3225	3227	3227=14	See Office of Entry/Exit codes in AEP Trader Guide
-	Customs sub Place	0400	LOC	3225	3227	3227=26	See Office of Entry/Exit codes in AEP Trader Guide
49	Identification of Warehouse	0040	LOC	3224	3227	3227=18	See Type of Warehouse codes in AEP Trader Guide. See ISO Alpha 2 Country codes in AEP Trader Guide
-	Arrival Notification Date	0050	DTM	2380	2005	2005=132	
-	Storing Flag	0130	RFF	1154	1153	1153=WS	
-	Carrier Registration Number	0280	NAD	3039	3035	3035=CA	
-	Carrier Business Name	0280	NAD	3036	3035	3035=CA	
-	Carrier - Address Line 1	0280	NAD	3042	3035	3035=CA	
-	Carrier - Address Line 2	0280	NAD	3164	3035	3035=CA	
-	Carrier - Address Line 3	0280	NAD	3229	3035	3035=CA	
-	Carrier Post Code	0280	NAD	3251	3035	3035=CA	
-	Carrier Country	0280	NAD	3207	3035	3035=CA	See ISO Alpha 2 Country codes in AEP Trader Guide

IE521-DiversionRejection

SAD BOX NO	BOX NAME	POSITION	SEGMENT	ELEMENT	QUALIFIER	QUALIFIER VALUE	EXTERNAL REF LISTS FOR ELEMENTS
A	Customs Declaration (SAD) Number Assigned by Customs –MRN	0020	BGM	1004			
29	Office of exit/entry	0040	LOC	3225	3227	3227=42	See Office of Entry/Exit codes in AEP Trader Guide
-	Diversion Rejection Code	0110	FTX	4441	4451	4451=AAP	
-	Diversion Rejection Text	0110	FTX	4440	4451	4451=AAP	
-	Carrier Registration Number	0280	NAD	3039	3035	3035=CA	
-	Carrier Business Name	0280	NAD	3036	3035	3035=CA	
-	Carrier - Address Line 1	0280	NAD	3042	3035	3035=CA	
-	Carrier - Address Line 2	0280	NAD	3164	3035	3035=CA	
-	Carrier - Address Line 3	0280	NAD	3229	3035	3035=CA	
-	Carrier Post Code	0280	NAD	3251	3035	3035=CA	
-	Carrier Country	0280	NAD	3207	3035	3035=CA	See ISO Alpha 2 Country codes in AEP Trader Guide

IE525-ExitReleaseNotification

SAD BOX NO	BOX NAME	POSITION	SEGMENT	ELEMENT	QUALIFIER	QUALIFIER VALUE	EXTERNAL REF LISTS FOR ELEMENTS
A	Customs Declaration (SAD) Number Assigned by Customs –MRN	0020	BGM	1004			
29	Office of exit/entry	0040	LOC	3225	3227	3227=42	See Office of Entry/Exit codes in AEP Trader Guide
49	Identification of Warehouse	0040	LOC	3224	3227	3227=18	See Type of Warehouse codes in AEP Trader Guide. See ISO Alpha 2 Country codes in AEP Trader Guide
-	Exit Date	0050	DTM	2380	2005	2005=186	
-	Storing Flag	0130	RFF	1154	1153	1153=WS	
-	Carrier Registration Number	0280	NAD	3039	3035	3035=CA	
-	Carrier Business Name	0280	NAD	3036	3035	3035=CA	
-	Carrier - Address Line 1	0280	NAD	3042	3035	3035=CA	
-	Carrier - Address Line 2	0280	NAD	3164	3035	3035=CA	
-	Carrier - Address Line 3	0280	NAD	3229	3035	3035=CA	
-	Carrier Post Code	0280	NAD	3251	3035	3035=CA	
-	Carrier Country	0280	NAD	3207	3035	3035=CA	See ISO Alpha 2 Country codes in AEP Trader Guide

IE529-ExportRelease

SAD BOX NO	BOX NAME	POSITION	SEGMENT	ELEMENT	QUALIFIER	QUALIFIER VALUE	EXTERNAL REF LISTS FOR ELEMENTS
A	Customs Declaration (SAD) Number Assigned by Customs –MRN	0020	BGM	1004			
1	Type of Movement Code	0020	BGM	1000			See Type of Importation/Exportation codes in AEP Trader Guide
15a	Country of Dispatch / Export Code	0040	LOC	3225	3227	3227=35	See ISO Alpha 2 Country codes in AEP Trader Guide
17a	Destination Country	0040	LOC	3225	3227	3227=36	See ISO Alpha 2 Country codes in AEP Trader Guide
29	Office of exit/entry	0040	LOC	3225	3227	3227=42	See Office of Entry/Exit codes in AEP Trader Guide
A	Customs Office of Import/Export	0040	LOC	3225	3227	3227=22	See Office of Import/Export codes in AEP Trader Guide
A	Acceptance Date	0050	DTM	2380	2005	2005=148	
-	Sending Date	0050	DTM	2380	2005	2005=182	
D	Control Date Limit	0050	DTM	2380	2005	2005=268	
	Total Gross Mass	0080	MEA	6314	6311 6313 6411	6311=WT 6313=AAD 6411=KGR	
31	Container Number	0090	EQD	8260	8053	8053=CN	
	Seal Identifier	0100	SEL	9302	9308	9308=0	
D	Control Result Code	0110	FTX	4441	4451	4451=ABV	
18/1	Identity of the means of transport at departure	0210	TDT	8212	8051	8051=12	
2/1	Consignor Registration Number	0280	NAD	3039	3035	3035=CZ	
2/2	Consignor Business Name	0280	NAD	3036	3035	3035=CZ	
2/2	Consignor - Address Line 1	0280	NAD	3042	3035	3035=CZ	
2/2	Consignor – Address Line 2	0280	NAD	3164	3035	3035=CZ	
2/2	Consignor – Address Line 3	0280	NAD	3229	3035	3035=CZ	

SAD BOX NO	BOX NAME	POSITION	SEGMENT	ELEMENT	QUALIFIER	QUALIFIER VALUE	EXTERNAL REF LISTS FOR ELEMENTS
2/2	Consignor Post Code	0280	NAD	3251	3035	3035=CZ	
2/2	Consignor Country	0280	NAD	3207	3035	3035=CZ	See ISO Alpha 2 Country codes in AEP Trader Guide
8/1	Consignee Registration Number	0280	NAD	3039	3035	3035=CN	
8/2	Consignee Business Name	0280	NAD	3036	3035	3035=CN	
8/2	Consignee - Address Line 1	0280	NAD	3042	3035	3035=CN	
8/2	Consignee - Address Line 2	0280	NAD	3164	3035	3035=CN	
8/2	Consignee - Address Line 3	0280	NAD	3229	3035	3035=CN	
8/2	Consignee Post Code	0280	NAD	3251	3035	3035=CN	
8/2	Consignee Country	0280	NAD	3207	3035	3035=CN	See ISO Alpha 2 Country codes in AEP Trader Guide
32	Item number	1220	CST	1496			
33/1 & 33/2	Nomenclature Code	1220	CST	C246#1 7361			
33/3	TARIC additional code 1	1220	CST	C246#2 7361			
33/4	TARIC additional code 2	1220	CST	C246#3 7361			
33/5	National Code	1220	CST	C246#4 7361			
31	Description of Goods	1230	FTX	4440#1	4451	4451=AAA	
44/1	Complementary Data Name	1230	FTX	4441	4451	4451=ACB	See Additional Information codes in AEP Trader Guide
17a	Destination Country	1240	LOC	3225	3227	3227=36	See ISO Alpha 2 Country codes in AEP Trader Guide
15a	Country of Dispatch / Export Code	1240	LOC	3225	3227	3227=35	See ISO Alpha 2 Country codes in AEP Trader Guide
35	Gross Mass	1260	MEA	6314	6311 6313 6411	6311=WT 6313=AAB 6411=KGR	
38	Net Mass	1260	MEA	6314	6311 6313 6411	6311=WT 6313=AAA 6411=KGR	
31	Type of Package	1300	PAC	7077	7224	7224=6	See Type of Packages codes in AEP Trader Guide
31	Declared Quantity of Packages	1300	PAC	7064	7224	7224=6	
	Declared Quantity of Pieces	1300	PAC	7064	7224	7224=6	

SAD BOX NO	BOX NAME	POSITION	SEGMENT	ELEMENT	QUALIFIER	QUALIFIER VALUE	EXTERNAL REF LISTS FOR ELEMENTS
31	Marks of the Packages	1320	PCI	7102 1+ #1	4233	4233=28	
46	Statistical Value	1350	MOA	5004	5025	5025=123	
40	Previous Document	1480	DOC	1004	1001	1001=190	See Summary Declaration/Previous Document and Document Abbreviation codes in AEP Trader Guide
44/1	Certificate Type Code	1480	DOC	1000	1001	1001=916	See Attached Documents, Certificates, Authorisation codes in AEP Trader Guide Note: Edifact 1001 code list is not used.
44/2	Certificate Serial Number	1480	DOC	1004			
5	Number of Items	1930	CNT	6066	6069	6069=5	
	Number of Seals	1930	CNT	6066	6069	6069=16	

IE599-ExportNotification

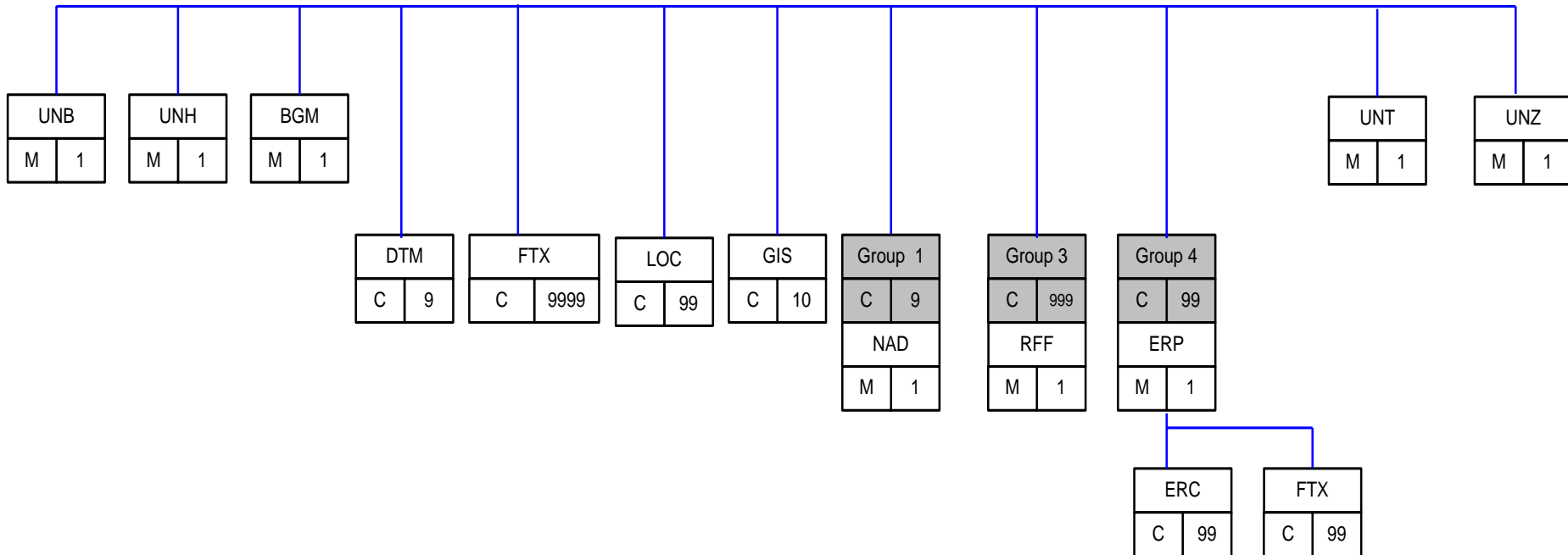
SAD BOX NO	BOX NAME	POSITION	SEGMENT	ELEMENT	QUALIFIER	QUALIFIER VALUE	EXTERNAL REF LISTS FOR ELEMENTS
A	Customs Declaration (SAD) Number Assigned by Customs –MRN	0020	BGM	1004			
1	Type of Movement Code	0020	BGM	1000			See Type of Importation/Exportation codes in AEP Trader Guide
15a	Country of Dispatch / Export Code	0040	LOC	3225	3227	3227=35	See ISO Alpha 2 Country codes in AEP Trader Guide
17a	Destination Country	0040	LOC	3225	3227	3227=36	See ISO Alpha 2 Country codes in AEP Trader Guide
29	Office of exit/entry	0040	LOC	3225	3227	3227=42	See Office of Entry/Exit codes in AEP Trader Guide
A	Customs Office of Import/Export	0040	LOC	3225	3227	3227=22	See Office of Import/Export codes in AEP Trader Guide
A	Acceptance Date	0050	DTM	2380	2005	2005=148	
-	Sending Date	0050	DTM	2380	2005	2005=182	
-	Exit Date	0050	DTM	2380	2005	2005=186	
-	Exit Stopped Date	0050	DTM	2380	2005	2005=296	
D	Control Date Limit	0050	DTM	2380	2005	2005=268	
	Total Gross Mass	0080	MEA	6314	6311 6313 6411	6311=WT 6313=AAD 6411=KGR	
31	Container Number	0090	EQD	8260	8053	8053=CN	
	Seal Identifier	0100	SEL	9302	9308	9308=0	
D	Control Result Code	0110	FTX	4441	4451	4451=ABV	
-	Control Indicator	0110	FTX	4441	4451	4451=ACD	
-	Attribute Pointer	0110	FTX	4440			
18/1	Identity of the means of transport at departure	0210	TDT	8212	8051	8051=12	
2/1	Consignor Registration Number	0280	NAD	3039	3035	3035=CZ	
2/2	Consignor Business Name	0280	NAD	3036	3035	3035=CZ	

SAD BOX NO	BOX NAME	POSITION	SEGMENT	ELEMENT	QUALIFIER	QUALIFIER VALUE	EXTERNAL REF LISTS FOR ELEMENTS
2/2	Consignor - Address Line 1	0280	NAD	3042	3035	3035=CZ	
2/2	Consignor – Address Line 2	0280	NAD	3164	3035	3035=CZ	
2/2	Consignor – Address Line 3	0280	NAD	3229	3035	3035=CZ	
2/2	Consignor Post Code	0280	NAD	3251	3035	3035=CZ	
2/2	Consignor Country	0280	NAD	3207	3035	3035=CZ	See ISO Alpha 2 Country codes in AEP Trader Guide
8/1	Consignee Registration Number	0280	NAD	3039	3035	3035=CN	
8/2	Consignee Business Name	0280	NAD	3036	3035	3035=CN	
8/2	Consignee - Address Line 1	0280	NAD	3042	3035	3035=CN	
8/2	Consignee - Address Line 2	0280	NAD	3164	3035	3035=CN	
8/2	Consignee - Address Line 3	0280	NAD	3229	3035	3035=CN	
8/2	Consignee Post Code	0280	NAD	3251	3035	3035=CN	
8/2	Consignee Country	0280	NAD	3207	3035	3035=CN	See ISO Alpha 2 Country codes in AEP Trader Guide
32	Item number	1220	CST	1496			
33/1 & 33/2	Nomenclature Code	1220	CST	C246#1 7361			
33/3	TARIC additional code 1	1220	CST	C246#2 7361			
33/4	TARIC additional code 2	1220	CST	C246#3 7361			
33/5	National Code	1220	CST	C246#4 7361			
31	Description of Goods	1230	FTX	4440#1	4451	4451=AAA	
-	Control Indicator	1230	FTX	4441	4451	4451=ACD	
-	Attribute Pointer	1230	FTX	4440			
44/1	Complementary Data Name	1230	FTX	4441	4451	4451=ACB	See Additional Information codes in AEP Trader Guide
17a	Destination Country	1240	LOC	3225	3227	3227=36	See ISO Alpha 2 Country codes in AEP Trader Guide
35	Gross Mass	1260	MEA	6314	6311 6313 6411	6311=WT 6313=AAB 6411=KGR	
38	Net Mass	1260	MEA	6314	6311 6313 6411	6311=WT 6313=AAA 6411=KGR	

SAD BOX NO	BOX NAME	POSITION	SEGMENT	ELEMENT	QUALIFIER	QUALIFIER VALUE	EXTERNAL REF LISTS FOR ELEMENTS
31	Type of Package	1300	PAC	7077	7224	7224=6	See Type of Packages codes in AEP Trader Guide
31	Declared Quantity of Packages	1300	PAC	7064	7224	7224=6	
	Declared Quantity of Pieces	1300	PAC	7064	7224	7224=6	
31	Marks of the Packages	1320	PCI	7102 1+ #1	4233	4233=28	
46	Statistical Value	1350	MOA	5004	5025	5025=123	
40	Previous Document	1480	DOC	1004	1001	1001=190	See Summary Declaration/Previous Document and Document Abbreviation codes in AEP Trader Guide
44/1	Certificate Type Code	1480	DOC	1000	1001	1001=916	See Attached Documents, Certificates, Authorisation codes in AEP Trader Guide Note: Edifact 1001 code list is not used.
44/2	Certificate Serial Number	1480	DOC	1004			
5	Number of Items	1930	CNT	6066	6069	6069=5	
	Number of Seals	1930	CNT	6066	6069	6069=16	

5. SAD RESPONSE MESSAGE (CUSRES)

5.1 Message Structure Diagram



5.2 Segment Outline

- 0010 **UNH** Message header
 A service segment starting and uniquely identifying a message. The message type code for the Customs response message is CUSRES.
- Note: Customs response messages conforming to this document must contain the following data in segment UNH, composite S009:
- Data element 0065 CUSRES
 0052 D
 0054 96B
 0051 UN
 0057 CD508A
- 0020 **BGM** Beginning of message
 A segment identifying the type and the reference number of the message to which the CUSRES is a response.
- 0030 **DTM** Date/time/period
 A segment identifying the relevant dates and times in the message. For example, payment date
- 0040 **FTX** Free text
 A segment stating information in unsolicited clear text.
- 0060 **LOC** Place/Location identification
 A segment to identify a country and/or place and/or location information related to the whole message.
- 0070 **GIS** General indicator
 A segment identifying the various customs processing indicators. For example, cargo released, cargo held, examination required, earlier message accepted or rejected, etc.
- 0090 **Group 1: NAD-SG2**
 A group of segments identifying party details, including contact and communication contact information.
- 0100 **NAD** Name and address
 A segment to identify the name and/or address of the party related to all information at the lower level of the message. For example, the importer.
- 0140 **Group 3: RFF-DTM-LOC**
 A group of segments identifying references, dates and locations related information.
- 0150 **RFF** Reference
 A segment identifying references (e.g. manifest number).
- 0180 **Group 4: ERP-RFF-ERC-FTX**
 A group of segments identifying an application error condition within a message to which the CUSRES is a response.
- 0190 **ERP** Error point details
 A segment identifying the location of an application error within the referenced message.

- 0210 **ERC** Application error information
 A segment identifying the type of application errors within a message.
- 0220 **FTX** Free text
 A segment to provide explanation and/or supplementary information related to the
 specified application error.
- 0650 **UNT** Message trailer
 A service segment ending a message, giving the total number of segments in the
 message and the control reference number of the message.

5.3 Segment Specification

BGM	BEGINNING OF MESSAGE		
Function: To indicate the type and function of a message and to transmit the identifying number.			

<u>C002DOCUMENT / MESSAGE NAME</u>	C		
1001 Document / message name, coded	C	an..3	not used
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used
1000 Document / message name	C	an..35	not used
<u>C106DOCUMENT / MESSAGE IDENTIFICATION</u>	C		
1004 Document / message number	C	an..35	
1056 Version	C	an..9	not used
1060 Revision number	C	an..6	not used
<u>1225 MESSAGE FUNCTION, CODED</u>	C	an..3	not used
<u>4343 RESPONSE TYPE, CODED</u>	C	an..3	not used

DTM	DATE / TIME / PERIOD		
Function: To specify date, and / or time, or period.			

<u>C507DATE / TIME / PERIOD</u>	M		
2005 Date / time / period qualifier	M	an..3	See 2005 codes in Appendix A
2380 Date / time / period	C	an..35	
2379 Date / time / period format qualifier	C	an..3	not used

ERC	APPLICATION ERROR INFORMATION		
Function: To identify the type of application error within a message.			

<u>C901APPLICATION ERROR DETAIL</u>	M		
9321 Application error identification	M	an..10	
1131 Code list qualifier	C	an..3	
3055 Code list responsible agency, coded	C	an..3	not used

ERP	ERROR POINT DETAILS		
Function: A segment to identify the location of an application error within a message			

<u>C701ERROR POINT DETAILS</u>	C		
1049 Message section, coded	C	an..3	not used
1052 Message item number	C	an..35	not used
1054 Message sub-item number	C	n..6	not used
<u>C853ERROR SEGMENT POINT DETAILS</u>	C		
9166 Segment tag	C	an..3	not used
1050 Segment number	C	an..10	not used
1159 Sequence number source, coded	C	an..3	not used

FTX	FREE TEXT		
Function: To provide free form or coded text information.			

<u>4451 TEXT SUBJECT QUALIFIER</u>	M	an..3	See 4451 codes in Appendix A
<u>4453 TEXT FUNCTION, CODED</u>	C	an..3	not used
<u>C107TEXT REFERENCE</u>	C		

4441 Free text identification	M	an..17	
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used
C108TEXT LITERAL	C		
4440 Free text	M	an..512	
4440 Free text	C	an..512	
4440 Free text	C	an..512	not used
4440 Free text	C	an..512	not used
4440 Free text	C	an..512	not used
3453 LANGUAGE, CODED	C	an..3	not used

LOC	PLACE / LOCATION IDENTIFICATION		
Function: To identify a country / place / location / related location one / related location two.			

3227 PLACE / LOCATION QUALIFIER	M	an..3	See 3227 codes in Appendix A
C517LOCATION IDENTIFICATION	C		
3225 Place / location identification	C	an..25	
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used
3224 Place / location	C	an..70	
C519RELATED LOCATION ONE IDENTIFICATION	C		
3223 Related place / location one identification	C	an..25	not used
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used
3222 Related place / location one	C	an..70	not used
C553RELATED LOCATION TWO IDENTIFICATION	C		
3233 Related place / location two identification	C	an..25	not used
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used
3232 Related place / location two	C	an..70	not used
5479 RELATION	C	an..3	not used

NAD	NAME AND ADDRESS		
Function: To specify the name/address and their relation function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.			

3035 PARTY QUALIFIER	M	an..3	See 3035 codes in Appendix A
C082PARTY IDENTIFICATION DETAILS	C		
3039 Party id. identification	M	an..35	
1131 Code list qualifier	C	an..3	not used
3055 Code list responsible agency, coded	C	an..3	not used
C058NAME AND ADDRESS	C		
3124 Name and address line	M	an..35	not used
3124 Name and address line	C	an..35	not used
3124 Name and address line	C	an..35	not used
3124 Name and address line	C	an..35	not used
3124 Name and address line	C	an..35	not used
C080PARTY NAME	C		
3036 Party name	M	an..35	
3036 Party name	C	an..35	not used
3036 Party name	C	an..35	not used
3036 Party name	C	an..35	not used
3036 Party name	C	an..35	not used
3045 Party name format, coded	C	an..3	not used

<u>C059STREET</u>	<u>C</u>		
3042 Street and number / p.o. box	M	an..35	
3042 Street and number / p.o. box	C	an..35	not used
3042 Street and number / p.o. box	C	an..35	not used
3042 Street and number / p.o. box	C	an..35	not used
<u>3164 CITY NAME</u>	<u>C</u>	an..35	
<u>3229 COUNTRY SUB-ENTITY IDENTIFICATION</u>	<u>C</u>	an..9	
<u>3251 POSTCODE IDENTIFICATION</u>	<u>C</u>	an..9	
<u>3207 COUNTRY</u>	<u>C</u>	an..3	

RFF	REFERENCE		
Function: To specify a reference.			

<u>C506REFERENCE</u>	<u>M</u>		
1153 Reference qualifier	M	an..3	See 1153 codes in Appendix A
1154 Reference number	C	an..35	
1156 Line number	C	an..6	not used
4000 Reference version number	C	an..35	not used

5.4 Correlations – EDIFACT / Sad Response

IE508-ArrivalAtExitRejection

SAD BOX NO	BOX NAME	POSITION	SEGMENT	ELEMENT	QUALIFIER	QUALIFIER VALUE	EXTERNAL REF LISTS FOR ELEMENTS
A	Customs Declaration (SAD) Number Assigned by Customs –MRN	0020	BGM	1004			
-	Arrival Notification Date	0030	DTM	2380	2005	2005=132	
29	Office of exit/entry	0060	LOC	3225	3227	3227=42	See Office of Entry/Exit codes in AEP Trader Guide
-	Arrival Notification Place	0060	LOC	3225	3227	3227=60	See Office of Entry/Exit codes in AEP Trader Guide
30	Location of Goods	0060	LOC	3224	3227	3227=14	See Office of Entry/Exit codes in AEP Trader Guide
-	Arrival Agreed Location Code	0060	LOC	3225	3227	3227=14	See Office of Entry/Exit codes in AEP Trader Guide
-	Customs sub Place	0060	LOC	3225	3227	3227=26	See Office of Entry/Exit codes in AEP Trader Guide
49	Identification of Warehouse	0060	LOC	3224	3227	3227=18	See Type of Warehouse codes in AEP Trader Guide. See ISO Alpha 2 Country codes in AEP Trader Guide
-	Carrier Registration Number	0100	NAD	3039	3035	3035=CA	
-	Carrier Business Name	0100	NAD	3036	3035	3035=CA	
-	Carrier - Address Line 1	0100	NAD	3042	3035	3035=CA	
-	Carrier - Address Line 2	0100	NAD	3164	3035	3035=CA	
-	Carrier - Address Line 3	0100	NAD	3229	3035	3035=CA	
-	Carrier Post Code	0100	NAD	3251	3035	3035=CA	
-	Carrier Country	0100	NAD	3207	3035	3035=CA	See ISO Alpha 2 Country codes in AEP Trader Guide
-	Storing Flag	0200	RFF	1154	1153	1153=WR	
-	Error Code	0210	ERC	9321	1131	1131=ZZZ	See SAD Error codes in Customs Error Messages document
-	Error Item Number	0220	FTX	4441	4451	4451=AAO	
-	Field Name	0220	FTX	4440#2	4451	4451=AAO	

SAD BOX NO	BOX NAME	POSITION	SEGMENT	ELEMENT	QUALIFIER	QUALIFIER VALUE	EXTERNAL REF LISTS FOR ELEMENTS
-	Validation Error Type Code	0220	FTX	4440#1	4451	4451=AAO	Revenue Internal codes. Please include with support requests.

6. ERROR MESSAGES

The following section outlines the Edifact messages that will be used to report errors to traders. There are two messages that are described below, the standard CONTRL message, and the APERAK message.

The CONTRL message returned by the Revenue system is the standard syntax 3, UN/Edifact message. The CONTRL message is used to report syntactical errors found in Edifact messages submitted to Revenue systems.

The following website link provides the detailed message specifications of the CONTRL message:

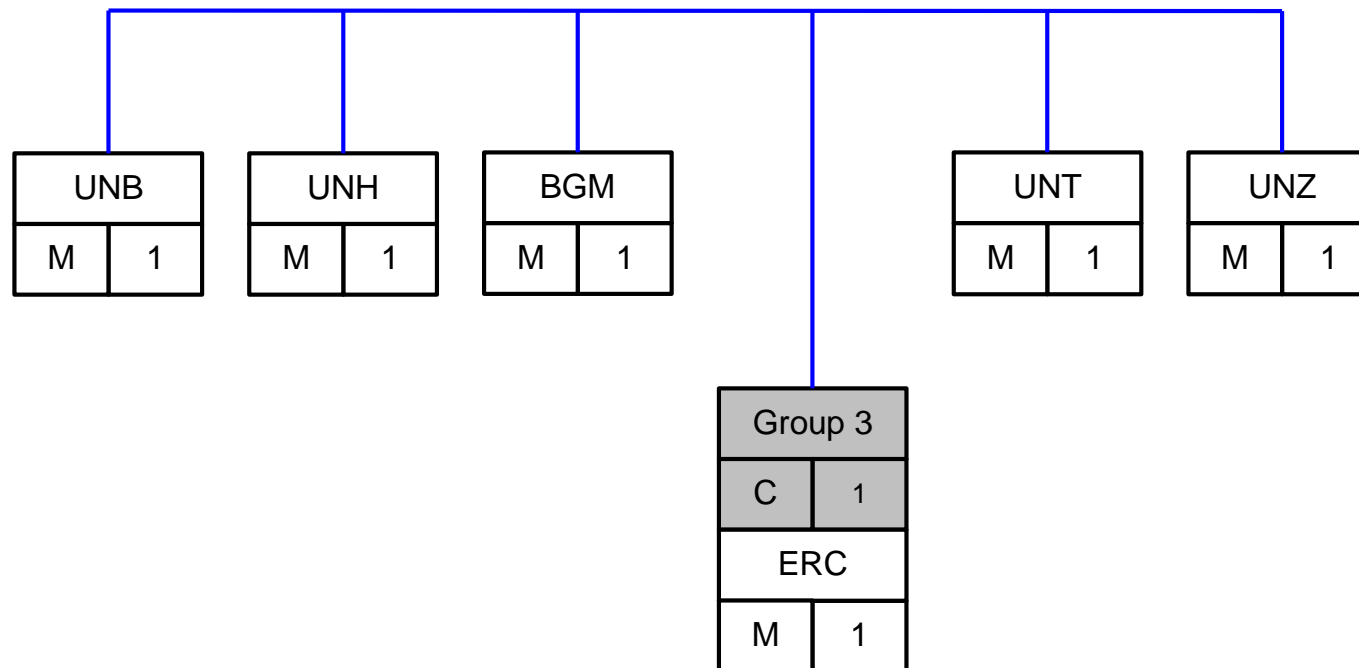
<http://www.gefeg.com/jswg/v3/data/v3-contrl.htm>

The APERAK, Application Error and Acknowledgement Message, is used to return any technical errors that do not conform to the standard Edifact errors, and as such do not fit within the CONTRL message structure. The APERAK is returned for non-functional errors such as where a message version is not supported. The next few sections will define the structure of the APERAK message in detail.

Note: A detailed error management strategy will be published at a later date along with all relevant code lists.

6.1 Application Error and Acknowledgement Message (APERAK)

Message Structure Diagram



Segment Outline

- 0010 **UNH** Message header
A service segment starting and uniquely identifying a message. The message type code for the Application error and acknowledgement message is APERAK.
Note: Application error and acknowledgement messages conforming to this document must contain the following data in segment UNH, composite S009:
- Data element: 0065 APERAK
 0052 D
 0054 96B
 0051 UN
 0057 IEF001
- 0020 **BGM** Beginning of message
A segment to indicate the type and function of the message and to transmit the identifying number.
- 0130 **Segment Group 3: ERC-FTX-SG4**
A group of segments to identify the application error(s) within a specified received message and to give specific details related to the error type or to precise the type of acknowledgement.
- 0140 **ERC** Application error information
A segment identifying the type of application error or acknowledgement within the referenced message. In case of an error, the error code may specify the error in detail (e.g. a measurement relating to a piece of equipment is wrong) or as a rough indication (e.g. a measurement is wrong).
- 0190 **UNT** Message trailer
A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

Segment Specification

BGM	BEGINNING OF MESSAGE		
Function: To indicate the type and function of a message and to transmit the identifying number.			

<u>C002DOCUMENT / MESSAGE NAME</u>	C		
1001 Document / message name, coded	C	an..3	See 1001 codes in Appendix A
1131 Code list qualifier	C	an..3	Not used
3055 Code list responsible agency, coded	C	an..3	Not used
1000 Document / message name	C	an..35	Not used
<u>C106DOCUMENT / MESSAGE IDENTIFICATION</u>	C		
1004 Document / message number	C	an..35	Not used
1056 Version	C	an..9	Not used
1060 Revision number	C	an..6	Not used
<u>1225 MESSAGE FUNCTION, CODED</u>	C	an..3	Not used
<u>4343 RESPONSE TYPE, CODED</u>	C	an..3	Not used

ERC	APPLICATION ERROR INFORMATION		
Function: To identify the type of application error within a message.			

<u>C901APPLICATION ERROR DETAIL</u>	M		
9321 Application error identification	M	an..10	
1131 Code list qualifier	C	an..3	Not used
3055 Code list responsible agency, coded	C	an..3	See 3055 codes in Appendix A

Correlations – EDIFACT / APERAK Error Response

BOX NO	BOX NAME	POSITION	SEGMENT	ELEMENT	QUALIFIER	QUALIFIER VALUE	EXTERNAL REF LISTS FOR ELEMENTS
n/a	Message Function	0020	BGM	1001	1001	1001 = 963	
n/a	Error Code	0140	ERC	9321	3055	3055 = 110	See Customs Error Messages document.

7. APPENDIX A – EDIFACT REFERENCE CODE LISTS

This section contains the EDIFACT reference code lists. Most of the lists reflect code values connected explicitly with a particular segment element (e.g. there is a code list for elements 6069, 3035 etc.) For example, CZ in the NAD segment means Consignor, CN means Consignee. If one of these qualifiers is used at the start of the NAD segment, then all the following data is related to that qualifier code.

0065 – Message Type

Description: Message Type
 Format: an..6

CODE	DESCRIPTION
CUSDEC	SAD Customs Declaration
CUSRES	Customs Response
APERAK	Customs Application Error and Acknowledgement Message

0057 – Association Assigned Codes

Description: Association assigned codes
 Format: an6

CODE	DESCRIPTION
CD507A	Arrival At Exit
CD508A	Arrival At Exit Rejection
CD521A	Diversion Rejection
CD525A	Exit Release Notification
CD529A	Export Release
CD599A	Export Notification
IEA001	Customs Declaration Message (This is specified in the AEP Edifact Trader Guide)
IEF001	Customs AEPRAK Error Message

0081 – Detail Indicator

Description: Detail Indicator
 Format: an..1

CODE	DESCRIPTION
S	Summary
D	Detail

1001 - Document/message name, coded

Description: Document/message identifier expressed in code.
 Format: an..3

CODE	DESCRIPTION
190	Statistical and other administrative internal documents Documents/messages issued within an enterprise for the for the purpose of collection of production and other internal statistics, and for other administration purposes.
916	Related document: Description to be provided.
963	Error Response (Customs) Error response message to permit the transfer of data from Customs to the transmitter of the previous message

1049 – Message Section, coded

Description: Recognition of a particular part of a message.

Format: an..3

CODE	DESCRIPTION
1	Heading Section General Section.
2	Detail Section of Message Specific Item Section.

1131 - Code list qualifier

Description: Identification of a code list.

Format: an..3

CODE	DESCRIPTION
105	Customs declaration type Customs code to indicate the type of declaration according to the different customs procedures requested (e.g. import, export, transit).
ZZZ	Mutually defined

1153 - Reference qualifier

Description: Code giving specific meaning to a reference segment or a reference number.

Format: an..3

CODE	DESCRIPTION
WR	Warehouse receipt number
WS	Warehouse storage location number

2005 – Date/time/period qualifier

Description: Code giving specific meaning to a date, time or period.

Format: an..3

CODE	DESCRIPTION
132	Arrival date/time, estimated: (2348) Date/time when carrier estimates that a means of transport should arrive at the port of discharge or place of destination.
148	Acceptance date of Goods declaration (Customs) [2036] Date on which a Goods declaration is accepted by Customs in accordance with Customs legislation.
178	Arrival date/time, actual: [2106] Date (and time) of arrival of means of transport
182	Issue date: Date when a document/message has been or will be issued.
186	Departure date/time, actual: (2280) Date (and time) of departure of means of transport.
268	Transit time/limits: Description to be provided.
296	Retention release date/time: Date/time on which the retention is released.

2379 – Date/time/period format qualifier

Description: Specification of the representation of a date, a date and time or of a period.

Format: an..3

CODE	DESCRIPTION
102	CCYYMMDD Calendar date: C = Century; Y = Year; M = Month; D = Day.
204	CCYYMMDDHHMMSS Calendar date including time with seconds: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minute; S=Second.

3035 – Party Qualifier

Description: Code giving specific meaning to a party.

Format: an..3

CODE	DESCRIPTION
CA	Carrier: (3126) Party undertaking or arranging transport of goods between named points.
CN	Consignee: (3132) Party to which goods are consigned.
CZ	Consignor: (3336) Party which, by contract with a carrier, consigns or sends goods with the carrier, or has them conveyed by him. Synonym: shipper, sender.

3055 – Code List Responsible Agency, Coded

Description: Code identifying agency responsible for a code list.

Format: an..3

CODE	DESCRIPTION
110	IE, Revenue Commissioners, Customs AEP project Self-explanatory.

3227 – Place/location qualifier

Description: Code identifying the function of a location.

Format: an..3

CODE	DESCRIPTION
14	Location of goods (3384) Place where goods are located and where they are available for examination.
18	Warehouse (3156) Warehouse where a particular consignment has been stored.
22	Customs office of clearance (3080) Place where Customs clearance procedure occur (CCC).
26	City: City or town relevant for a particular transaction or consignment.
35	Country of exportation/despatch (3220) Country from which the goods were initially exported to the importing country without any commercial transaction taking place in intermediate countries. Syn.: country whence consigned. Country of despatch: country from which goods are despatched between countries of a Customs union.

36	Country of ultimate destination (3216) Country known to the consignor or his agent at the time of despatch to be the final country to which the goods are to be delivered.
41	Customs office of entry [3088] Customs office at which the goods enter the country of destination.
42	Customs office of exit [3096] Customs office at which the goods leave the country of dispatch/export.
43	Place of Customs examination Place where Customs undertakes a physical inspection of goods to satisfy themselves that the goods' nature, origin, condition, quantity and value are in accordance with the particulars furnished on the goods declaration (CCC).
60	Place of arrival: Place at which the transport means arrives.
116	Region of export/despatch: Region from which the goods were initially exported to the importing country without any commercial transaction taking place in intermediate countries. Region of despatch: region from which goods are despatched between countries of a Customs union.

4233 – Marking instructions, coded

Description: Code indicating instructions on how specified packages or physical units should be marked.

Format: an..3

CODE	DESCRIPTION
28	Mark free text Description to be provided

4451 – Text subject qualifier

Description: Code specifying subject of a free text.

Format: an..3

CODE	DESCRIPTION
AAA	Goods description: [7002] Plain language description of the nature of the goods sufficient to identify them at the level required for banking, Customs, statistical or transport purposes, avoiding unnecessary detail (Generic term).
AAO	Error description (free text): Error described by a free text.
AAP	Response (free text): Free text of the response to a communication.
ABV	Acceptance terms additional: Additional terms concerning acceptance.
ACB	Additional information: Self explanatory.
ACD	Reason: Reason for a request or response.

5025 – Monetary amount type qualifier

Description: Indication of type of amount.

Format: an..3

CODE	DESCRIPTION
123	Statistical value [5218] Value declared for statistical purposes of those goods in a consignment which have the same statistical heading and country of origin.

6069 - Control qualifier

Description: Determines the source data elements in the message, which forms the basis for 6066 Control value.

Format: an..3

CODE	DESCRIPTION
5	Number of Customs item detail lines Total number of occurrences of the Customs item detail section within a single Customs declaration message.
16	Total number of equipment: Total number of equipment mentioned in the message.

6311 - Measurement application qualifier

Description: Specification of the application of the physical measurement

Format: an..3

CODE	DESCRIPTION
WT	Weights

6313 - Measurement dimension, coded

Description: Specification of the type of dimension to be measured

Format: an..3

CODE	DESCRIPTION
AAA	Unit net weight: [6160] Weight (mass) of goods including any packing normally going with them to a buyer in a retail sale
AAB	Unit gross weight: [6292] Weight (mass) of goods including packing but excluding the carrier's equipment.
AAD	Total gross weight: [6292] Weight (mass) of goods including packing but excluding the carrier's equipment.

6411 - Measurement unit qualifier

Description: Specification of the unit of the physical measurement

Format: an..3

CODE	DESCRIPTION
KGR	Kilograms

7224 - Number of packages

Description: Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.

Format: n..8

CODE	DESCRIPTION
6	Packages

8051 - Transport stage qualifier

Description: Qualifier giving a specific meaning to the transport details.

Format: an..3

CODE	DESCRIPTION
12	At departure Transport by which goods are moved from the place of Departure.

8053 - Equipment qualifier

Description: Code identifying type of equipment

Format: an..3

CODE	DESCRIPTION
CN	Container Equipment item as defined by ISO for transport. It must be of: A) permanent character, strong enough for repeated use; B) designed to facilitate the carriage of goods, by one or more modes of transport, without intermediate reloading; C) fitted with devices for its ready handling, particularly

9308 - Seal number

Description: Code identifying seal number

Format: n1

CODE	DESCRIPTION
0	The number of a custom seal or another seal affixed to the containers or other transport unit. Default value = 0.

8. APPENDIX B: DEVIATIONS FROM EDIFACT D96B SPECIFICATION

This section contains the deviations that Customs have chosen to undertake in order to satisfy the requirements of SAD 2006. Differences between the current D96B specification and the EDIFACT messages described in this document will first be outlined per message.

8.1 *SAD Response Message (CUSRES)*

Message Specification

- a. ERC segment, 9321 element format size has changed from AN8 to AN10 to accommodate revenue requirements.

8.2 *Application Error and Acknowledgement Message (APERAK)*

Message Structure Diagram

- a. Segment Group 3 occurrence has changed from C99999 to C1.

Message Specification

- a. ERC segment, 9321 element format size has changed from AN8 to AN10 to accommodate revenue requirement.