

Canada Border Services Agency

Summary of Changes to

**ACI/EMANIFEST HIGHWAY ELECTRONIC
COMMERCE CLIENT REQUIREMENTS DOCUMENT
(ECCRD)**

and

**ECCRD EDI MESSAGE MAPS & CODE TABLES -
APPENDIX "B" OF THE ACI/eMANIFEST HIGHWAY
CLIENT DOCUMENT**

**From v1.3 to v1.4
(As of November, 2010)**

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Introduction

The following consists of changes made to the documents “ACI/EMANIFEST HIGHWAY ELECTRONIC COMMERCE CLIENT REQUIREMENTS DOCUMENT (Version 1.3)” (aka “Main Section”) and “ECCRD EDI MESSAGE MAPS & CODE TABLES (Version 1.3) APPENDIX “B” OF THE eMANIFEST HIGHWAY CLIENT DOCUMENT” (aka “Appendix B”). Note that not all of the changes that have been made to the ECCRD since the publication of version 1.3 are included below. Instead this document focuses on changes made to the message maps that directly impact clients currently testing.

Main section

Amendments as follows:

All references to “trip number” (as being another term used for “conveyance reference number”) have been removed.

Sections 1.0, 6.4 and 7.0 have been updated to reflect additional information about the Technical Support Unit.

2.0.2 The eManifest initiative is the third phase of the ACI program. When fully implemented, eManifest will require all carriers, freight forwarders and importers in all modes of transportation (air, marine, highway and rail) to submit advance trade data to the CBSA prior to arrival at the border.

4.3.1 Transmission of EDI highway cargo and conveyance data must be received and validated by the CBSA no later than **one hour** before arrival at FPOA. Properly formatted messages received less than one hour prior to arrival will be accepted by the system; but the client will also be warned via error message V67 (“Insufficient review time”). Note: transmission of EDI conveyance/cargo data does not constitute “reporting” for the purposes of Section 12(1) of the *Customs Act* until a physical report is made to the BSO at FPOA.

4.4.1, 9:

(a) For CSA shipments:

(i) When an “authorized to deliver” decision is entered, the response message “Authorized To Deliver” is transmitted if the carrier is an RNS participant.

(b) For PARS shipments at FPOA:

(i) When the conveyance is authorized to move, the response message “Goods Released” will be transmitted if a “to be

released” recommendation is on file and the carrier is an RNS participant.

- (ii) If a “refer” or “reject” decision is on file, the conveyance will automatically be referred at the FPOA for further processing.
- (iii) If the cargo control number has no release request associated with it in the CBSA system, the request must be updated with the new port of clearance. This can either be captured by the BSO upon arrival or transmitted as a post-arrival amendment to the cargo.
- (iv) If an examination of a shipment is performed, and the status of the shipment is updated to “released” after the examination, the response message “Goods Released” will be transmitted if the carrier is an RNS participant.

4.5.0.4 If a carrier is transmitting cargo that is subject to ACI requirements, as well as cargo specified in Section 4.5.2, then ACI conveyance data is required and a full ACI cargo data set is only required for the non-excepted cargo. This also means there could be multiple exception codes or Instruments of International Trade (IIT) listed along with non-excepted CCNs on the same conveyance.

4.5.1 Exemptions (cargo and conveyance)

...

10) Empties for CSA carriers with CDRP/FAST approved driver

4.5.2 Text added/amended as follows:

The first four exceptions noted below are reported on the conveyance using a cargo exception code at either the tractor, trailer or container level. (In Appendix B see ANSI MBL05 and/or EDIFACT G011 GEI.)

...

5) Empties (Reported on the conveyance at the tractor level only. In Appendix B see ANSI VID10 and/or EDIFACT G010 EQD(1).)

5.1.3:

- 6) Sends an electronic acknowledgment notice to the sender if no syntax errors are found.
- 7) Sends an electronic reject message to the sender with the appropriate reason code if any syntax errors are found via the same route as the incoming transmission.

5.1.4 Deleted.

5.2.1 EDI Change/Amend Rules for Cargo and Conveyance Submissions

5.2.1.1. Changes or amendments involve the transmission of the entire submission...

5.2.1.3 However, if a conveyance submission requires correction as a result of a change or amendment to one of the CCNs that has been referenced on the conveyance,

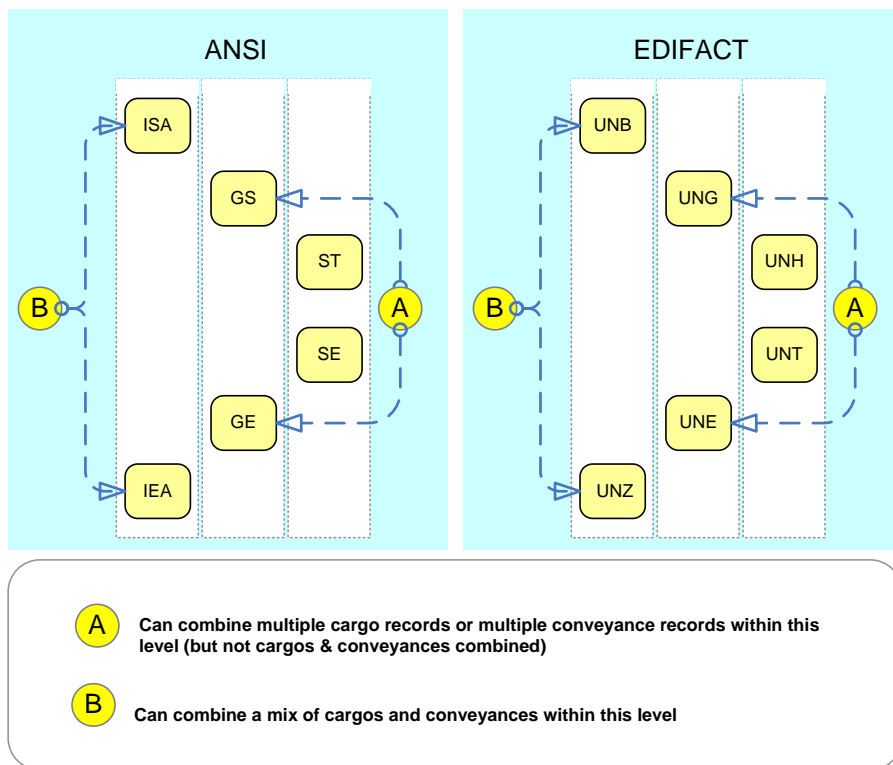
then the client can send a change or amendment to the conveyance submission to correct the related CCN.

5.2.1.5 Changes or amendments to cargo data should be made as soon as they are known. Electronic changes by clients will be accepted up to the arrival of the goods. After this point all modifications must be transmitted as an amendment. (The one exception to this rule occurs if the conveyance has been manually rejected by the officer post-arrival. In this case, the client must transmit a change post-arrival and not an amendment.) Amendments will be identified by the use of an amendment code in the change record, the purpose of which will identify the type of amendment being made.

5.2.1.6 (d) Amended the following: “Amendments will be accepted by the CBSA system until the record has been transferred to the archival history database, usually after 120 days.”

5.4.1 Edited as follows:

5.4.1 In accordance with both ANSI and EDIFACT EDI standards, clients have the option of combining cargo and conveyance message types in the same transmission and/or within a single EDI interchange, depending on the message type. See the following diagram:



For more information regarding bundling of messages please contact the Technical Support Unit.

Sections 5.4.2 and 5.4.3 deleted.

Added:

6.2.1.9 Where the client receives an ANSI X12 824 Application Advice reject message with error code V67 in TED02, this message is not a reject but is instead a warning message. Code IE will be displayed in OTI01. This message is transmitted to the client when there is insufficient review time (i.e. less than one hour) between the time the message was transmitted to the CBSA and the ETA time quoted on the cargo or conveyance transmission by the client. Note error message V67 is generated independently of either an accept or a reject message – it is a completely separate (second) message that is generated based on the ETA of the cargo or conveyance only.

6.2.2.2 There are **four** General Indicator segments (GEI):

- 1) GEI(1) is used for Positive responses.
- 2) GEI(2) is used for Error responses.
- 3) GEI(3) is used for the Section 12 Report message.
- 4) GEI(4) is used for the Insufficient Review Time warning message (error code V67).

Added:

6.2.2.11 Where the client receives a Validation Reject message with error code V67 in ERC element 9321, this message is not a reject but is instead a warning message. Code 66 will be displayed in GEI element 7365. This message is transmitted to the client when there is insufficient review time (i.e. less than one hour) between the time the message was transmitted to the CBSA and the ETA time quoted on the cargo or conveyance transmission by the client. Note error message V67 is generated independently of either an accept or a reject message – it is a completely separate (second) message that is generated based on the ETA of the cargo or conveyance only.

6.3.1

- 4) In the case of approved CSA shipments, a message will be transmitted indicating the goods are authorized to deliver.

6.5.1

3. Declaration Accepted, Awaiting Arrival (RNS) – Cargo Only
This will be sent to a carrier if:

...

- iii. The cargo and release submissions have passed all validations and the CBSA has completed its review of them
 - iv. The conveyance has not yet arrived
4. Section 12(1) – Conveyance Only
This notice will be sent to the carrier who submitted a conveyance, once that conveyance has arrived at the frontier and has been arrived in the CBSA's system by an officer. This message will contain a list of all related cargo submissions that have been electronically submitted and linked to the conveyance, and will serve as the carrier's "Proof of Report".

5. Release Notification (RNS) – Cargo Only

This will be sent to a carrier if:

- iii. They are a RNS participant
- iv. The related release request has been filed by the importer/broker
- v. The CBSA has placed the related release request in a status of released

6. Referral Notification (RNS) – Cargo Only

This will be sent to a carrier if:

- iii. They are a RNS participant
- iv. The related release request has been filed by the importer/broker
- v. The CBSA has placed the related release request in a status of referred

Appendix B

Title changed to "APPENDIX "B" OF THE ACI/eMANIFEST HIGHWAY CLIENT DOCUMENT"

Standardized Title Pages for ANSI

ANSI 309

1. M1109: Attribute changed from 2/2 to 1/2 (to accommodate "Y" for consolidated freight)
2. N901:
 - a. Added "Required by CBSA"
 - b. KD = Special Instructions ("Number" deleted)
3. N902:
 - a. "Broker Download" changed to "Manifest Forward".
 - b. Where N901 = "SNP" or "BKD", added "CBSA limit is 15 characters."
 - c. Glossary changed: Unique Consignment Reference Number is Optional, not Conditional
 - d. Edited: "When N901 is 'KD' input special instructions in free-text field N902. Include information with respect to overages and shortages."
4. N3: Added "Provide Address Line 1 in N301, Address Line 2 in N302, and Address Line 3 in the second occurrence of N301. Max 35 characters are permitted per address line."
5. N403: Added "CBSA system is limited to 9 characters."
6. VID Loop: Changed from "Optional" to "Required".
7. N10:
 - a. N10 loop: Changed from "Optional" to "Required".
 - b. Added "N1001 serves a dual purpose: it creates each new line item; and at the same time it provides the quantity as qualified by N1010."
 - c. N1008: Added "A single weight is to be transmitted for the entire shipment. Always use gross weight. Where there is more than one commodity per shipment, enter the gross weight on the first instance of N10. For each additional commodity enter 0 for weight."
 - d. N1010 revised: "Report the total piece count per commodity using smallest external unit of measure."
8. H1 Loop: P4/LX/VID/N10/H1 Repeat: 9
9. H1 grey note: Added "If there is more than one UNDG code per commodity, in order to satisfy syntax requirements, transmit '.' in the second and subsequent iterations of N1002 and loop H1 as required to a maximum of 9."
10. H101 edited: "When sending to CBSA, use format "UN9999"." ("or "9999" deleted)

ANSI 358

1. Glossary: License Plate Reference Identification updated to include VID16 and VID18.
2. P4: Added grey note "Only one P4 loop is allowed per transaction"

3. VID01:
 - a. Added “If the conveyance is a tractor with container(s) but no trailer, follow steps (i) to (iv) above and then repeat steps (i) to (iv) using TL or CH instead of TV and using the tractor license plate information. Then provide CCN(s) (MBL02) as required following the container(s).”
 - b. Added “For a given conveyance, list one and only one tractor. There can be a maximum of 3 trailers/chassis per tractor; and there can be a maximum of 5 containers per trailer/chassis.”
4. VID16 edited as follows:

| | | | | |
|--|-----------|---------------------|---------------|------------|
| VID16 | 26 | Country Code | X/Z ID | 2/3 |
| Code identifying the country | | | | |
| Country Code for VID14. Required when VID14 is provided. | | | | |
| Refer to Table 3 for ISO 3166 country codes. | | | | |
5. VID18: Grey note amended “Required by CBSA when VID16 is CA or US”
6. VID04, VID05: Seal changed to “Transmit if required.”
7. M13: Loop changed to P4/VID/MBL

ANSI 350

1. X403 and X407 attribute changed to 1/3
2. X404: attribute changed to 1/25
3. ISA/GS header/trailer added
4. Note updated: **Section 12(1) report notification:** Upon the conveyance arrival at the FPOA, when the BSO updates the status of the conveyance to arrived, the CBSA will send the following notification to the carrier detailing the CCNs of the related cargo submissions that are deemed to have been reported as per section 12(1) of the Customs Act. There will be one message sent for each trip containing 200 related CCNs or less, but each message will detail all of the CCNs related to that trip. Multiple messages for the same conveyance will be generated when there are more than 200 related CCNs in increments of 200 CCNs per message.

ANSI 824

1. ISA/GS header/trailer added
2. Introductory notes added:

This message map defines the data elements and structure associated with Electronic Data Interchange (EDI) messages that will be sent by the Canada Border Services Agency (CBSA) to a participant in response to an EDI message. This message map will provide the client an Application acknowledgement or error/reject response for cargo and conveyance only.

Refer to the Release Notification System Participants Requirements Document for information regarding message maps that define the data elements and structure associated with EDI release and arrival messages for the following:

1. Inward/inbound messages to CBSA:
 - i. Report the arrival of a shipment

- ii. Query on the status of a shipment
- 2. Outward/outbound responses from CBSA:
 - i. Declaration accepted, awaiting arrival message
 - ii. Automatic release notification message

3. OTI01:
 - a. Added: “NOTE: warning error message V67 is provided with code IE as a second message on the transaction, independent of either the IA or IR message.”
 - b. Added code IE – Item Accept with Error
4. NTE:
 - c. Looping attribute changed to 1/2
 - d. NTE02 note added: “Note second occurrence of NTE is limited to 62 characters”

ANSI 997

1. Introductory notes added:

This message map defines the data elements and structure associated with Electronic Data Interchange (EDI) messages that will be sent by the Canada Border Services Agency (CBSA) to a participant in response to an EDI message. This message map will provide the client a Functional acknowledgement or error/reject response for cargo and conveyance only.

2. ISA/GS header/trailer added

EDIFACT Cargo (CUSCAR)

1. Glossary, G014 MEA(1): added “A single weight is to be transmitted for the entire shipment. Always use gross weight. Where there is more than one commodity per shipment, enter the gross weight on the first instance of N10. For each additional commodity enter 0 for weight.”
2. Glossary, G014 PAC: added “Report the total piece count per commodity using smallest external unit of measure.”
3. UNG 0040 (Client Transmission Site): changed from an8 to **an..8**
4. UNG 0044 (Recipient’s identification) changed as follows:
 - HIT** = Testing
 - HIP** = Production
5. DTM element 2379: edited the following:
 - 102 = CCYYMMDD**
 - 203 = CCYYMMDDHHMM**
 - 205 = CCYYMMDDHHMMZHHMM**
6. LOC(2) element 3055: Status changed from “M” to “C”.
7. Glossary, G07 DOC: Unique Consignment Reference Number is “optional”.
8. Glossary, G08 FTX: for special instructions, added “Include information with respect to overages and shortages.”
9. Consolidated Freight Indiciary GEI(3), element 7364 amended as follows:
 - Valid values for the consolidated freight indicator are:
 - N** = not consolidated freight
 - Y** = consolidated freight
 - If freight is consolidated send ‘Y’ (i.e. mandatory for consolidated freight)**
10. GEI (6,7) element 7364: changed from An..35 to **An..15**.
11. GEI(7): “Broker download” changed to “**Manifest forward**”.
12. NAD (1, 2, 3, 4) element 3042: Added **5.3, Address Line 3**.
13. DGS 790: changed to **C1**
14. CST header: deleted “TRANSMIT UP TO FIVE DATA ELEMENTS (7361) AS NEEDED WITHIN A GOODS ITEM LEVEL”.

EDIFACT Conveyance (CUSREP)

1. Glossary: License Plate Reference Identification updated to include **NAD**.
2. UNG 0040 (Client Transmission Site) – changed from an8 to **an..8**
3. UNG 0044 (Recipient’s identification) changed as follows:
 - HRT** = Testing
 - HRP** = Production
4. GEI(2) element 7364: changed from An..35 to **An..15**
5. DTM (2380): changed from AN17 to **AN12..17**
6. DTM element 2379 edited as follows:
 - 203 = CCYYMMDDHHMM**
 - 205 = CCYYMMDDHHMMZHHMM**
7. G05 NAD(1):
 - a. Deleted C819 and element 3229 (note Province is not required).
 - b. Element 3207 Data Element now reads “**Citizenship** Country Code”.

8. G07 DTM(2) element 3707: added "Country of issuance of travel document."
9. G09 LOC 3.4: Changed to "Transmit if available"
10. Glossary – G010 EQD:
 - a. Added "If the conveyance is a tractor with container(s) but no trailer, follow steps (i) to (iv) above and then repeat steps (i) to (iv) using TL or CH instead of TV and using the tractor license plate information. Then provide CCN(s) (G011 RFF) as required following the container(s)."
 - b. Added "For a given conveyance, list one and only one tractor. There can be a maximum of 3 trailers/chassis per tractor; and there can be a maximum of 5 containers per trailer/chassis."
11. EQD(1):
 - a. For TV, added "Only one instance of TV is permitted per conveyance."
 - b. Also added "The first 4 characters represent the initial and the remaining digits are the equipment number."
12. EQD(2):
 - a. Under Trailer Details, added "Note: Must be provided where there is container but no trailer. Complete the mandatory fields using the tractor license plate information."
 - b. For TL/CH, added "A maximum of 3 instances of TL and CH combined are permitted." Also added "The first 4 characters represent the initial and the remaining digits are the equipment number."
13. EQD(3):
 - a. For CN, added "A maximum of 5 instances of CN are permitted per instance of either TL or CH."
 - b. Element 8260 changed to "An...14"
14. G010, SEL: Seal changed to "Transmit if required."

UN/EDIFACT 08A Customs Response (CUSRES)

Introduction expanded and existing text changed as follows:

1. "This message map will provide the client **the following** different types of responses **for cargo and conveyance only**"
2. "Refer to the Release Notification System Participants Requirements Document for information regarding message maps that define the data elements and structure associated with EDI **release and arrival** messages for the following:"

Added Explanation of Message Map Columns and Message Structure

Added Technical Glossary

08A Map itself has been reformatted and corrected for numerous discrepancies (see Appendix 1). Some of the changes made:

1. The existing map had a "Table header repeat typo" at the top of every page. This means that besides the column headers being repeated, the first 7 rows of the UNH segment were also repeated on each page in error, making it look as if the UNH segment was repeated in the middle of the map.
2. The header (UNB/UNG) and trailer (UNZ/UNE) have been added.
3. GEI segment has been divided for clarity into 4 separate types.
4. Explanation has been added regarding the message for V67 (Insufficient Review Time): "**NOTE: warning error message V67 is provided with code 66 as a second message on the original transaction, independent of either the IA or IR message. This warning message is not generated from a change or amend transaction.**"
5. Segment Group 3, RFF segment info provided.
6. RFF segment has been divided for clarity into 3 separate types.
7. RFF element 1153:
 - a. Attribute changed to A2..**3**
 - b. Added "**ZZZ – Secondary Business ID**"
 - c. Added "**ED – Export Declaration**"
8. FTX element 4440 attribute has been changed to AN..**142**
9. Syntax delimiters have been added.
10. Maximum field lengths have been corrected to reflect the outbound message data.
11. The sample maps have been updated.

Code Table #1 – Error Codes

Note has been amended as follows:

Note: Additional EDI Responses/Error Codes can be found at <http://cbsa.gc.ca/eservices/error-erreur.pdf>

The following error codes have been changed:

| | | | |
|-----|-------|---------------------|---------------------------------------|
| V10 | Conv. | Tractor Related CCN | Is related to an invalid request type |
| V19 | Conv. | Trailer Related CCN | Is related to an invalid request type |

The following error codes have been deleted:

| Original deleted | Replaced with | Message Type | Field | Message Text |
|------------------|---------------|-----------------|--------------------------------|------------------------------------|
| V02 | Syntax error | Conv. | Tractor Identification | Element value exceeds size allowed |
| V04 | Syntax error | Conv. | Tractor Full/Empty Code | Is Invalid |
| V07 | Syntax error | Conv. | Tractor Seal Number | Element value exceeds size allowed |
| V08 | Syntax error | Conv. | Tractor Related CCN | Element value exceeds size allowed |
| V12 | V75 | Conv | Tractor Related CCN | Already used for export |
| V14 | Syntax error | Conv. | Trailer Id | Element value exceeds size allowed |
| V16 | Syntax error | Conv. | Trailer Related CCN | Element value exceeds size allowed |
| V18 | V76 | Conv | Trailer Related CCN | Already used for export |
| V36 | 366 | Conv. | Warehouse Office | Is invalid |
| V37 | | Cargo, Conv. | Destination Work Location Code | Cannot be a frontier port |
| V77 | J19 | Conv | Rel RI Cargo ID | Already used for export |

The following codes have been added:

| | | | |
|-----|------|----------------------------------|------------------------------------|
| V80 | Conv | Delivery Postal/Zip Code | Element value exceeds size allowed |
| V81 | Conv | Container Related Exception Code | Is invalid |

Code Table #4 – CBSA OFFICE CODES

Table has been replaced with the following link:

<http://www.cbsa.gc.ca/contact/listing/indexpages/index-e.html>

Code Table #7 – SHIPMENT QUANTITY QUALIFIER CODES

Code “BLE” for ‘Bale’ has been deleted (since it is the same as code BAL).

Code Table #11 – SPECIAL CHARACTERS

The following have been removed (p.263):

From Basic Character Set: " ! " (exclamation point)

From Extended Character Set: " | " (pipe)

End note has been edited: “**Note:** Use ISO document 8859-1 (Latin-1 Alphabet) for encoding of select language characters.”

Appendix C

Client Application:

- Added “**Note:** This application form is **not** required if you wish to use **eManifest Portal**. For more information, please visit the CBSA Web site: www.cbsa-asfc.gc.ca/prog/manif/menu-eng.html.”
- Questions added with respect to CSA participation:

Are you a CSA Carrier? Yes _____ No _____

Will you be transmitting cargo reports containing CSA goods? Yes _____ No _____

Annex 1 – 08A CUSRES

UN/EDIFACT 08A Customs Response (CUSRES) Message Map

UN/EDIFACT 08A Customs Response (CUSRES)

INTRODUCTION

This message map defines the data elements and structure associated with Electronic Data Interchange (EDI) messages that will be sent by the Canada Border Services Agency (CBSA) to a participant in response to an EDI message. This message map will provide the client the following different types of responses for cargo and conveyance only:

1. Functional acknowledgement or error/reject
2. Application acknowledgement or error/reject
3. Section 12(1) report of the conveyance

Refer to the Release Notification System Participants Requirements Document for information regarding message maps that define the data elements and structure associated with EDI release and arrival messages for the following:

3. Inward/inbound CUSREP messages to CBSA:
 - i. Report the arrival of a shipment
 - ii. Query on the status of a shipment
4. Outward/outbound CUSRES responses from CBSA:
 - i. Declaration accepted, awaiting arrival message
 - ii. Automatic release notification message

This message has been designed using the international standard UN/EDIFACT (United Nations/Electronic Data Interchange For Administration Commerce and Transport), Version 08A.

EXPLANATION OF MESSAGE MAP COLUMNS

The message map contains a number of information columns for each data element. The function and values of the "columns" are described below.

UN/EDIFACT Segment Id.

Every EDIFACT segment (a group of associated data elements) is assigned a unique 3 alpha "Tag" for reference purposes. The tags are defined within the EDIFACT data element directories. It should be noted that the "tag" is transmitted within the EDI messages in the order that they are defined.

UN/EDIFACT 08A Customs Response (CUSRES)

UN/EDIFACT Element Id.

This column of the map identifies the alphanumeric or numeric identifier of each of the UN/EDIFACT data elements. There are three (3) types of elements defined. Descriptions of each are provided below. It should be noted that the Element IDs are not transmitted within the message, only the value of the data element is transmitted in the appropriate position within the segment.

Composite Data

Element Name - Identifies a high level name of a set of associated data elements. The associated data elements are referred to as "component" data elements. Composites are identified by a single alpha character (C or S) followed by 3 unique numerics.

Component Data

Element - Identification of a component data element which is part of a composite data element. Component data elements are identified by 4 unique numerics.

Simple Data

Element Name - Name of a unique/individual data element within a segment, a "simple" data element contains one element for a single function/use. Simple data elements are identified by 4 unique numerics.

Segment/Element Position

This column of the map identifies the Segment or Element position within the CUSRES message structure. The Segments are numbered in ascending values of 10 for each occurrence of a segment in the message structure. The Element position numbers identify the position of a data element within a segment. In the EDIFACT documentation only Composite data elements and Simple data elements are numbered in a segment. They are assigned ascending values of 10 for each occurrence of a composite or simple data element. To more specifically identify the data element positions, each Composite is assigned an incrementing number starting at 1. Within each composite, the component data elements are assigned a sequential subordinate number. Simple data elements are assigned the next sequential number in order of occurrence within the segment. Example:

UN/EDIFACT Definitions:

| Seg. | Pos. | Element Pos. | |
|------|------|--------------|--------------------------|
| 0010 | UNH | | Message Header |
| | 0062 | 10 | Message Reference Number |
| | S009 | 20 | Message Identifier |
| | 0065 | | Message Type |
| | 0052 | | Message Version Number |
| | 0054 | | Message Release Number |
| | 0051 | | Controlling Agency |

Mapping Definitions:

| Seg. | Pos. | Element Pos. | |
|------|------|--------------|--------------------------|
| 0010 | UNH | | Message Header |
| | 0062 | 1 | Message Reference Number |
| | S009 | 2 | Message Identifier |
| | 0065 | 2.1 | Message Type |
| | 0052 | 2.2 | Message Version Number |
| | 0054 | 2.3 | Message Release Number |
| | 0051 | 2.4 | Controlling Agency |

UN/EDIFACT 08A Customs Response (CUSRES)

EDIFACT Data Element Names

This column provides the name of the EDIFACT Segment, Composite, Component, or Simple Data element, as defined in the UN/EDIFACT directories.

Notes and Descriptions

This column of the map provides notes and/or descriptions on the Segments Groups, Segments, and individual data elements. It also will identify the application data elements associated to the EDIFACT data elements. In many cases mandatory EDIFACT codes are used to qualify the data element being supplied. In these cases the description of the EDIFACT codes values are provided.

Data Type/Size

The attributes of data type and maximum size are defined in this column. These are described using an EDIFACT standard of definition as follows;

- A** = Alpha characters (a to z)
- N** = Numeric characters (0 to 9)
- AN** = Alphanumeric characters (a to z, 0 to 9, plus special characters)
- ..** = Two periods indicate a variable length field, else it is a fixed length field

Examples : **A5** = alpha must be 5 in length;
 A..5 = alpha up to 5 in length;
 N15 numeric must be 15 in length;
 AN..12 = alpha numeric up to 12 in length.
 AN9..15 = alpha numeric, must be a minimum of 9 characters, up to 15.

Codes and Values

This column provides the details of the content of the data element, the expected values/codes or the applicable application data element to be supplied. In the case of Date/Time data elements the format of the date/time is also defined.

UN/EDIFACT 08A Customs Response (CUSRES)

Default Syntax

The EDIFACT message structure is formatted using a set of special characters to control the position of data within a segment. The required EDIFACT syntax to be transmitted after each value is provided in this column. In some cases conditional data elements within a segment must be “skipped” (if they are not used), in these case more than one syntax character has been specified after a particular data element.

Status - Mandatory Or Conditional - Occurrence Count

Depending on the message requirement different rules of "mandatory" or "conditional" use of a data element may apply. In addition a hierarchy of rules apply, if a segment or composite data element is conditional, but it is used (based on the condition) some of the subordinate elements may be mandatory. In addition to the status some segments may be repeated more that once within a message, if there is a repeat factor this is also specified in this column.

- M - Mandatory element, must always be transmitted.
- C - Conditional element, is transmitted if the application condition for this element applies.
- M3 - A number after the condition indicates the number of occurrences at the segment level. (e.g. Mandatory 3 times)
- N/A- Not applicable for the particular message type.

Section 12(1) Report Notification:

Upon the conveyance arrival at the FPOA, when the BSO updates the status of the conveyance to arrived, the CBSA will send the Section 12(1) Report notification to the transporting carrier detailing the CCNs of the related cargo submissions that are deemed to have been reported as per section 12(1) of the Customs Act. There will be one message sent for each trip, but each message will detail all of the CCNs related to that trip.

This notification does not mean the goods have been released from customs control. Release notification will still be delivered via RNS until ACI enhanced notifications are available.

UN/EDIFACT 08A Customs Response (CUSRES)

Message Structure:

- UNB - Interchange Header
 - UNG - Functional Group Header
 - UNH - Message Header
 - BGM - Beginning of Message
 - Identifies the type of message
 - DTM - Date\Time\Period
 - Provides the Date\Time of preparation or clearance
 - TDT - Transport information
 - Provides Conveyance Reference Number (CRN)
 - LOC - Place / Location Identification (S12 only)
 - Provides the consignment entry CBSA office location
 - GEI - General Indicator
 - Provides the processing indicator code
 - Segment Group 3
 - RFF - Reference
 - Provides the Secondary Business ID
 - Provides the Cargo Control Number (S12 only)
 - Segment Group 4
 - ERP - Error Point Details
 - Provides the error type to be provided in the ERC
 - RFF - Reference
 - Provides the Data in error (if applicable)
 - ERC - Application Error Information
 - Provides the application error information
 - FTX - Free Text
 - Provides the Textual error Description (if available)
- UNT - Message Trailer
- UNE - Functional Group Trailer
- UNZ - Interchange Trailer

UN/EDIFACT 08A Customs Response (CUSRES)

Technical Glossary:

| Data Element Name | Data Element Definition | Rules And Conditions |
|------------------------------------|---|--|
| Message type | Identification of the type of message being transmitted. | CUSRES = Customs Response Message |
| Document message name | Service Option Identifier | 976 – Conveyance 984 – Cargo |
| Message function, coded | A code indicating the function of the message. | 11 = Response Message |
| Date\Time\Period DTM(1) | Processing date/time | Date and time at which the incoming message was processed will be transmitted Format is CCYYMMDDHHMM where C=Century, Y=Year, M=Month, D=Day, H=Hour, M=Minute |
| Date\Time\Period DTM(2) | Section 12(1) Report Notification | Upon the conveyance arrival at the FPOA, when the BSO updates the status of the conveyance to arrived, the CBSA will send this notification to the carrier detailing the CCNs of the related cargo submissions that are deemed to have been reported as per section 12(1) of the Customs Act. There will be one message sent for each trip containing 200 related CCNs or less, but each message will detail all of the CCNs related to that trip. Multiple messages for the same conveyance will be generated when there are more than 200 related CCNs in increments of 200 CCNs per message. This notification does not mean the goods have been released from customs control. Release notification will still be delivered via RNS until ACI enhanced notifications are available. |
| Location Identification LOC | CBSA office code for port of report | Used for Section 12(1) Report only. See Code Table #4 – CBSA Office Codes |
| General Indicator GEI(1) | Processing indicator for positive responses/ acknowledgements | A code to indicate the positive processing acknowledgement 1 = Application Acknowledgement, Message content accepted |
| General Indicator GEI(2) | Processing indicator for error responses | A code to indicate the negative error response. 14 = Error Message |
| General Indicator GEI(3) | Processing indicator for Section 12 Report message | 200 – Reported |
| General Indicator GEI(4) | Processing indicator for Insufficient Review Time warning message | This message is generated when there is less than one hour between receipt of transmission and estimated time of arrival on the message. NOTE: warning error message V67 is provided with code 66 as a second message on the original transaction, independent of either the acknowledgement or error message. 66 – Message content accepted with comment |
| Reference RFF(1) | Secondary Business ID | ZZZ – Secondary Business ID |
| Reference RFF(2) | Acknowledgement Reference Identifier | ED – Export Declaration |
| Reference RFF(3) | Section 12(1) Cargo Control Number | XC – Cargo control number |
| Error Point Details ERP | Senders Message Reference Number | Will contain the UNH 0062 Message Reference Number |
| Error Point Details ERP | Message Sub-Item Number | Reject type code associated where the processing indicator = 14. |

UN/EDIFACT 08A Customs Response (CUSRES)

| | | |
|--|--|---|
| | | <p>The following codes will be transmitted:</p> <p><u>Syntax Reject:</u> 28 – Batch Error</p> <p><u>Validation Reject:</u> 22 – Conformance</p> <p><u>Manual Reject:</u> 21 – Enforcement</p> |
| Application Error Information ERC | The code assigned by the receiver of a message to the identification of a data validation error condition. | <p>Reject reason code for application reject error responses with the processing indicator = 14.</p> <p>See Code Table 1</p> <p>ZZZ = Syntax Reject</p> |
| Free Text FTX | Error Description | Data in Error or BSO Error Text |

UN/EDIFACT 08A Customs Response (CUSRES)

| EDIFACT Segment ID. | EDI FACT Element ID. | Segment/Element Position | EDIFACT Data Element Name | Notes, Conditions, and Descriptions | Data Type & Size | Codes & Values | Default Syntax | Element Status M or C and Occurrence Count | | | | |
|---------------------|----------------------|--------------------------|-----------------------------------|---|------------------|---------------------------|----------------|--|-----------------|--------------|-----------|--------------------------|
| | | | | | | | | ACK | Error Responses | | S12 | V67 Insuff. Time Warning |
| | | | | | | | | Accept | Syntax Reject | Appl. Reject | | |
| UNB | | | Interchange control header | To start and identify an interchange and interchange-related control segments | A3 | UNB | + | M1 | M1 | M1 | M1 | M1 |
| | S001 | 1 | Syntax identifier | | | | | | | | | |
| | 0001 | 1.1 | Syntax identifier | Code identification of the Agency controlling syntax. | A4 | UNOA | : | M | M | M | M | M |
| | 0002 | 1.2 | Syntax version number | Version number of the syntax. | N1 | 4 | + | M | M | M | M | M |
| | S002 | 2 | Interchange sender | | | | | | | | | |
| | 0004 | 2.1 | Sender identification | Name/coded representation of the sender. | AN..35 | CBSA Network Mailbox ID | : | M | M | M | M | M |
| | 0007 | 2.2 | Identification code qualifier | | AN..4 | | + | C | C | C | C | C |
| | S003 | 3 | Interchange recipient | | | | | | | | | |
| | 0010 | 3.1 | Recipient identification | Name/coded representation of the recipient. | AN..35 | Client Network Mailbox ID | + | M | M | M | M | M |
| | S004 | 4 | Date/time of preparation | | | | | | | | | |
| | 0017 | 4.1 | Date of preparation | Generated by Translator | N6 | YYMMDD | : | M | M | M | M | M |
| | 0019 | 4.2 | Time of preparation | Generated by Translator | N4 | HHMM | + | M | M | M | M | M |
| | 0020 | 5 | Interchange control reference | Unique Reference Number assigned by the sender. Generated by Translator | AN..14 | | ++ | M | M | M | M | M |
| | 0026 | 7 | Application Reference | | A6 | | + | C | C | C | C | C |
| | 0029 | 8 | Processing Priority Code | | A1 | A | +++ | C | C | C | C | C |
| | 0035 | 11 | Test Indicator | | N1 | 1 (Used for test only) | ' | C | C | C | C | C |
| UNG | | | FUNCTIONAL GROUP HEADER | To indicate the beginning of a functional group and to provide control information | A3 | UNG | + | M1 | M1 | M1 | M1 | M1 |
| | 0038 | 1 | Functional group identification | Identification of the one type of message in the Functional Group | A6 | CUSRES | + | M | M | M | M | M |
| | S006 | 2 | Application sender identification | | | | | | | | | |
| | 0040 | 2.1 | Sender identification | CBSA Response | AN8 | CCR | : | M | M | M | M | M |
| | 0007 | 2.2 | Sender id. Qualifier | I/B Control Office (Optional) | AN..4 | | + | C | C | C | C | C |

UN/EDIFACT 08A Customs Response (CUSRES)

| EDIFACT Segment ID. | EDI FACT Element ID. | Segment/Element Position | EDIFACT Data Element Name | Notes, Conditions, and Descriptions | Data Type & Size | Codes & Values | Default Syntax | Element Status M or C and Occurrence Count | | | | | |
|---------------------|----------------------|--------------------------|--|--|------------------|---------------------------------|----------------|--|-----------------|--------------|------------|--------------------------|-----------|
| | | | | | | | | ACK | Error Responses | | S12 | V67 Insuff. Time Warning | |
| | | | | | | | | Accept | Syntax Reject | Appl. Reject | | | |
| | S007 | 3 | Application recipient identification | | | | | | | | | | |
| | 0044 | 3.1 | Recipient's identification | | A7 | Client's Network Mailbox ID | + | M | M | M | M | M | M |
| | S004 | 4 | Date/time of preparation | | | | | | | | | | |
| | 0017 | 4.1 | Date of preparation | Generated by Translator | N6 | CCYYMMDD | : | M | M | M | M | M | M |
| | 0019 | 4.2 | Time of preparation | Generated by Translator | N4 | HHMM | + | M | M | M | M | M | M |
| | 0048 | 5 | Functional group reference number | Unique Reference Number Assigned by the Sender. Generated by Translator | AN..14 | | + | M | M | M | M | M | M |
| | 0051 | 6 | Controlling agency | Agency Controlling the Message Type. | A2 | UN | + | M | M | M | M | M | M |
| | S008 | 7 | Message version | | | | | | | | | | |
| | 0052 | 7.1 | Message version number | Version number of the message type. | A1 | D | : | M | M | M | M | M | M |
| | 0054 | 7.2 | Message release number | Release number of the current message type. | AN3 | 08A | | M | M | M | M | M | M |
| UNH | | 0010 | Message header | | A3 | UNH | + | M1 | M1 | M1 | M1 | M1 | M1 |
| | 0062 | 1 | MESSAGE REFERENCE NUMBER | Unique message reference assigned by the sender | AN..14 | Unique Reference Number | + | M | M | M | M | M | M |
| | S009 | 2 | MESSAGE IDENTIFIER | | | | | | | | | | |
| | 0065 | 2.1 | Message Type | | A6 | CUSRES | : | M | M | M | M | M | M |
| | 0052 | 2.2 | Message version number | | A1 | D | : | M | M | M | M | M | M |
| | 0054 | 2.3 | Message release number | | AN3 | 08A | : | M | M | M | M | M | M |
| | 0051 | 2.4 | Controlling agency | | A2 | UN | ' | M | M | M | M | M | M |
| BGM | | | Beginning of Message | | A3 | BGM | + | M1 | M1 | M1 | M1 | M1 | M1 |
| | C002 | 1 | DOCUMENT\MESSAGE NAME | | | | | | | | | | |
| | 1001 | 1.1 | Document name code | | AN..3 | | : | C | C | C | C | C | C |
| | 1131 | 1.2 | Code list identification code | | AN..17 | | : | C | C | C | C | C | C |
| | 3055 | 1.3 | Code list responsible agency code | | AN..3 | | : | C | C | C | C | C | C |
| | 1000 | 1.4 | Document Name | ACROSS Service Option | N..3 | 976 – Conveyance 984 – Cargo | + | M | M | M | M | M | M |
| | C106 | 2 | DOCUMENT MESSAGE IDENTIFICATION | | | | | | | | | | |
| | 1004 | 2.1 | Document identifier | Cargo Control Number / Conveyance Reference Number | N..25 | | + | M | M | M | M | M | M |
| | 1225 | 3.1 | Message Function, coded | | AN..3 | 11 – Response | ' | M | M | M | M | M | M |
| DTM (1) | | | Date\Time\Period | Processing Date | A3 | DTM | + | M1 | M1 | M1 | N/A | M1 | |
| | C507 | 1 | DATE\TIME\PERIOD | | | | | | | | | | |
| | 2005 | 1.1 | Date\time\period function code qualifier | | N..3 | 9 – Processing Date | : | M | M | M | | M | |
| | 2380 | 1.2 | Date\time\period value | | N12..17 | | : | M | M | M | | M | |
| | 2379 | 1.3 | Date\time\period format code | | N3 | 203 – CCYYMMDDHHMM | ' | M | M | M | | M | |

UN/EDIFACT 08A Customs Response (CUSRES)

| EDIFACT Segment ID. | EDI FACT Element ID. | Segment/Element Position | EDIFACT Data Element Name | Notes, Conditions, and Descriptions | Data Type & Size | Codes & Values | Default Syntax | Element Status M or C and Occurrence Count | | | | |
|---------------------|----------------------|--------------------------|--|--|------------------|--|----------------|--|-----------------|--------------|------------|--------------------------|
| | | | | | | | | ACK | Error Responses | | S12 | V67 Insuff. Time Warning |
| | | | | | | | | Accept | Syntax Reject | Appl. Reject | | |
| DTM (2) | | | Date\Time\Period | Section 12(1) Report Date | A3 | DTM | + | N/A | N/A | N/A | M1 | N/A |
| | C507 | 1 | DATE\TIME\PERIOD | | | | | | | | | |
| | 2005 | 1.1 | Date\time\period function code qualifier | | N..3 | 58 – Clearance Date (S12) | : | | | | M | |
| | 2380 | 1.2 | Date\time\period value | Date/time of report to CBSA. | N12..17 | | : | | | | M | |
| | 2379 | 1.3 | Date\time\period format code | | N3 | 204 – CCYYMMDDHHMMSS (S12) | : | | | | M | |
| LOC | | | PLACE/LOCATION IDENTIFICATION | Used for Section 12(1) Report only | A3 | LOC | + | N/A | N/A | N/A | M1 | N/A |
| | 3227 | 1 | PLACE/LOCATION QUALIFIER | | N..3 | 41 – Consignment entry customs office location | + | | | | M | |
| | C517 | 2 | LOCATION IDENTIFICATION | | | | | | | | | |
| | 3225 | 2.1 | Place/Location ID | CBSA office code for port of report | N4 | See Code Table #4 – CBSA Office Codes | : | | | | M | |
| | 1131 | 2.2 | Code List Qualifier | | N3 | | : | | | | C | |
| | 3055 | 2.3 | Code list responsible agency code | | AN..3 | 96 – CA, Canada Border Services Agency | : | | | | M | |
| GEI(1) | | | GENERAL INDICATOR | Processing indicator for positive responses/ acknowledgements | A3 | GEI | + | M1 | N/A | N/A | N/A | N/A |
| | 9649 | 1 | PROCESSING INFORMATION CODE QUALIFIER | | An..3 | 5 – Consignment information | + | M | | | | |
| | C012 | 2 | PROCESSING INDICATOR | | | | | | | | | |
| | 7365 | 2.1 | Processing indicator description code | | N..3 | 1 – Message content accepted (application acknowledgement) 17 – Message received (functional acknowledgement) | : | M | | | | |
| GEI(2) | | | GENERAL INDICATOR | Processing indicator for error responses | A3 | GEI | + | N/A | M1 | M1 | N/A | N/A |
| | 9649 | 1 | PROCESSING INFORMATION CODE QUALIFIER | | An..3 | 5 – Consignment information | + | | M | M | | |
| | C012 | 2 | PROCESSING INDICATOR | | | | | | | | | |
| | 7365 | 2.1 | Processing indicator description code | | N..3 | 14 – Error message for Syntax or Application Reject | : | | M | M | | |
| GEI(3) | | | GENERAL INDICATOR | Processing indicator for Section 12(1) Report message | A3 | GEI | + | N/A | N/A | N/A | M1 | N/A |
| | 9649 | 1 | PROCESSING INFORMATION CODE QUALIFIER | | An..3 | 3 – Scheduling type information | + | | | | M | |
| | C012 | 2 | PROCESSING INDICATOR | | | | | | | | | |

UN/EDIFACT 08A Customs Response (CUSRES)

| EDIFACT Segment ID. | EDI FACT Element ID. | Segment/Element Position | EDIFACT Data Element Name | Notes, Conditions, and Descriptions | Data Type & Size | Codes & Values | Default Syntax | Element Status M or C and Occurrence Count | | | | |
|--|----------------------|--------------------------|---------------------------------------|--|------------------|--|----------------|--|-----------------|--------------|------------|--------------------------|
| | | | | | | | | ACK | Error Responses | | S12 | V67 Insuff. Time Warning |
| | | | | | | | | Accept | Syntax Reject | Appl. Reject | | |
| | 7365 | 2.1 | Processing indicator description code | | N..3 | 200 – Reported | :: | | | | M | |
| | 3055 | 2.3 | Code list responsible agency code | | an..3 | 96 – CA, Canada Border Services Agency | : | | | | C | |
| GEI(4) | | | GENERAL INDICATOR | Processing indicator for V67 Insufficient Review Time warning message | A3 | GEI | + | N/A | N/A | N/A | N/A | M1 |
| | 9649 | 1 | PROCESSING INFORMATION CODE QUALIFIER | | An..3 | 3 – Scheduling type information | + | | | | | M |
| | C012 | 2 | PROCESSING INDICATOR | | | | | | | | | |
| | 7365 | 2.1 | Processing indicator description code | NOTE: warning error message V67 is provided with code 66 as a second message on the transaction, independent of either an accept or a reject message. | N..3 | 66 – Message content accepted with comment | : | | | | | M |
| Segment Group 3 | | | | | | | | C2 | C1 | C1 | M1 | C1 |
| RFF(1) | | | REFERENCE | Secondary Business ID | A3 | RFF | + | C1 | C1 | C1 | C1 | C1 |
| | C506 | 1 | REFERENCE | | | | | | | | | |
| | 1153 | 1.1 | Reference Qualifier | | A2..3 | ZZZ – Secondary Business ID | : | C | C | C | C | C |
| | 1154 | 1.2 | Reference Number | Secondary Business ID | AN..25 | | : | C | C | C | C | C |
| RFF(2) | | | REFERENCE | Acknowledgement | A3 | RFF | + | C1 | N/A | N/A | N/A | N/A |
| | C506 | 1 | REFERENCE | | | | | | | | | |
| | 1153 | 1.1 | Reference Qualifier | | A2..3 | ED – Export Declaration | : | C | | | | |
| RFF(3) | | | REFERENCE | Section 12(1) CCN | A3 | RFF | + | N/A | N/A | N/A | M1 | N/A |
| | C506 | 1 | REFERENCE | | | | | | | | | |
| | 1153 | 1.1 | Reference Qualifier | | A2..3 | XC – Cargo control number | : | | | | C | |
| | 1154 | 1.2 | Reference Number | Cargo Control Number | AN..25 | | : | | | | C | |
| Segment Group 4 (Used for Messages) | | | | | | | | N/A | M1 | M1 | N/A | M1 |
| ERP | | | Error Point Details | | A3 | ERP | + | N/A | M1 | M1 | N/A | M1 |
| | C701 | 1 | ERROR POINT DETAILS | | | | | | | | | |
| | 1049 | 1.1 | Message Section, Coded | | N1 | 2 – Detail | : | | M | M | | M |
| | 1052 | 1.2 | Message Item Number | Will contain the UNH 0062 Message Reference Number | AN..14 | Senders Message Reference Number | : | C | C | | | C |

UN/EDIFACT 08A Customs Response (CUSRES)

| EDIFACT Segment ID. | EDI FACT Element ID. | Segment/Element Position | EDIFACT Data Element Name | Notes, Conditions, and Descriptions | Data Type & Size | Codes & Values | Default Syntax | Element Status M or C and Occurrence Count | | | | |
|---------------------|----------------------|--------------------------|--------------------------------------|--|------------------|--|----------------|--|-----------------|--------------|------------|--------------------------|
| | | | | | | | | ACK | Error Responses | | S12 | V67 Insuff. Time Warning |
| | | | | | | | | Accept | Syntax Reject | Appl. Reject | | |
| | 1054 | 1.3 | Message Sub-Item Number | | N2 | 20 – Administration 21 – Enforcement 22 – Conformance 28 – Batch Error 29 – Data Error | ' | | M | M | | M |
| ERC | | | APPLICATION ERROR INFORMATION | | A3 | ERC | + | N/A | C99 | C99 | N/A | C99 |
| | C901 | 1 | APPLICATION ERROR DETAIL | | | | | | | | | |
| | 9321 | 1.1 | Application Error Identification | | AN..3 | See Code Table 1 ZZZ = Syntax Reject | ' | | M | M | | M |
| FTX | | | FREE TEXT | | A3 | FTX | + | N/A | C99 | C99 | N/A | N/A |
| | 4451 | 1 | TEXT SUBJECT QUALIFIER | | A3 | AAO – Error Description | +++ | | M | M | | |
| | C108 | 4 | TEXT LITERAL | | | | | | | | | |
| | 4440 | 4.1 | Free Text | Data in Error or BSO Error Text | AN..140 | | ' | | M | M | | |
| UNT | | | Message Trailer | | A3 | UNT | + | M1 | M1 | M1 | M1 | M1 |
| | 0074 | 1 | NUMBER OF SEGMENTS IN MESSAGE | This field indicates the number of segments, including UNH and UNT, within the message (UNH - UNT set) | N..6 | | + | M | M | M | M | M |
| | 0062 | 2 | MESSAGE REFERENCE NUMBER | Value should be the same as UNH element 0062 | AN..14 | | ' | M | M | M | M | M |
| UNE | | | Functional Group Trailer | | A3 | UNE | + | M1 | M1 | M1 | M1 | M1 |
| | 0060 | 1 | NUMBER OF MESSAGES | This field indicates the number of messages (UNH - UNT sets) within the group (UNG - UNE) | N..6 | | + | M | M | M | M | M |
| | 0048 | 2 | FUNCTIONAL GROUP REFERENCE NUMBER | Value should be the same as UNG element 0048 | AN..14 | | ' | M | M | M | M | M |
| UNZ | | | Interchange Trailer | | A3 | UNZ | + | M1 | M1 | M1 | M1 | M1 |
| | 0036 | 1 | INTERCHANGE CONTROL COUNT | This field indicates the number of groups (UNG - UNE sets) within the interchange (UNB - UNZ) | N..6 | | + | M | M | M | M | M |
| | 0020 | 2 | INTERCHANGE CONTROL REFERENCE NUMBER | Value should be the same as UNB element 0020 | AN..14 | | ' | M | M | M | M | M |

Appendix 2 – SAMPLE MESSAGE MAPS

Annex 2 – SAMPLE MESSAGE MAPS, ANSI and EDIFACT

From ECCRD. Note work locations changed to 427, and ETA date changed to 20101019

ANSI Cargo Sample 1

```
ISA*00*          *00*          *00*TESTING          *ZZ*CANC
*100630*1450*U*00200*984000001*0*T*:
GS*AQ*TEST*ACIA8A*20100521*1450*1*X*005040
ST*309*340015
M10*SCAC*J***   *****REF02ACK*00
P4*0427*20101019***1230
LX*1
M11*2XXXCCN1*LOC IDENT*****SCAC*****K
N9*76*ETA**20101019*1230*ES
N9*MR*00
N9*KD*SPECIAL INSTRUCTIONS SPECIAL INSTRUCTIONS SPECIAL INSTRUCTIONS
N9*KD*SPECIAL INSTRUCTIONS SPECIAL INSTRUCTIONS SPECIAL INSTRUCTIONS
N1*SH*COMPANY 1 XXX
N3*9999 EXECUTIVE DR*UNIT 1
N4*OCONOMOWOC**90210*US***WI
PER*IC*KAREN SMITH*TE*1234567890
N1*CN*COMPANY 2
N3*ADDRESS1*ADDRESS2
N4*CALGARY**T9T9T9*CA***AB
PER*IC*TEST*TE*1234567891
N1*DA*COMPANY 3
N3*123 ANY ST*LOADING DOCK 1
N4*CALGARY**T9T9T9*CA***AB
PER*IC*NAME1*TE*1234567892
N1*DA*COMPANY 4
N3*200 ROAD ST*LOADING DOCK 1
N4*OTTAWA**K1A1H1*CA***ON
PER*IC*TED SMITH*TE*1234567893
M12*61
R4*J*SC*USCITY**US***WI
R4*3*CD*0427
R4*4*CD*0496
R4*R*SC*HOLLYWOOD**US***CA
VID*NC**NO NUMBER
N10*3*GOODS DESCRIPTION*NO MARKS OR NUMBERS****L*119**BOX
SE*33*340015
GE*1*1
IEA*1*000000001
```

Appendix 2 – SAMPLE MESSAGE MAPS

ANSI Cargo Sample 2 – Hazardous Goods

```
ISA*00*          *00*          *00*TESTING          *ZZ*CANC
*100630*1450*U*00200*984000001*0*T*:
GS*AQ*TEST*ACIA8A*20100521*1450*1*X*005040
ST*309*340015
M10*SCAC*J***    ****P***336908707379*04
P4*0427*20100519*1230
LX*1
M11*2XXXCCN2*LOC IDENT*****SCAC*****K
N9*76*ETA**20101019*1230*ES
N9*MR*00
N9*KD*HANDLE WITH CARE
N1*SH*COMPANY 1 XXX
N3*9999 EXECUTIVE DR*UNIT 1
N4*OCONOMOWOC**90210*US***WI
PER*IC*KAREN SMITH*TE*1234567890
N1*CN*COMPANY 2
N3*ADDRESS1*ADDRESS2
N4*CALGARY**T9T9T9*CA***AB
PER*IC*TEST*TE*1234567891
N1*DA*COMPANY 3
N3*123 ANY ST*LOADING DOCK 1
N4*CALGARY**T9T9T9*CA***AB
PER*IC*NAME1*TE*1234567892
N1*DA*COMPANY 4
N3*200 ROAD ST*LOADING DOCK 1
N4*OTTAWA**K1A1H1*CA***ON
PER*IC*TED SMITH*TE*1234567893
M12*61
R4*J*SC*US CITY**US***WI
R4*3*CD*0427
R4*4*CD*0496
R4*R*SC*HOLLYWOOD**CA
VID*NC**NO NUMBER
N10*3*VSL-602*NO MARKS OR NUMBERS****L*119**BOX
H1*UN0019***HANDLE WITH CARE UP TO 30 CHRS
H2*FURTHER HAZMAT DESCRIPTION -1
H2*FURTHER HAZMAT DESCRIPTION -2
H2*FURTHER HAZMAT DESCRIPTION -3
H2*FURTHER HAZMAT DESCRIPTION -4
H2*FURTHER HAZMAT DESCRIPTION -5
H2*FURTHER HAZMAT DESCRIPTION -6
H2*FURTHER HAZMAT DESCRIPTION -7
H2*FURTHER HAZMAT DESCRIPTION -8
H2*FURTHER HAZMAT DESCRIPTION -9
PER*IC*TIM*TE*1234567899
SE*43*340015
GE*1*1
IEA*1*984000001
```

Appendix 2 – SAMPLE MESSAGE MAPS

ANSI Cargo Sample 3 – Consolidated Freight

ISA*00* *00* *00*TESTING *ZZ*CANC
*100630*1450*U*00200*984000001*0*T*:
GS*AQ*TEST*ACIA8A*20100521*1450*1*X*005040
ST*309*340015
M10*SCAC*J*** *****336908707379*00
P4*0427*20101019*1230
LX*1
M11*2XXXCCN3*LOC IDENT*****Y***SCAC*****K
N9*76*ETA**20101019*1230*ES
N9*MR*00
N9*KD*HANDLE WITH CARE
N1*SH*COMPANY 1 XXX
N3*9999 EXECUTIVE DR*UNIT 1
N4*OCONOMOWOC**90210*US***WI
PER*IC*KAREN *TE*1234567890
N1*CN*COMPANY 2
N3*ADDRESS1*ADDRESS2
N4*CALGARY**T9T9T9*CA***AB
PER*IC*TEST*TE*1234567891
N1*DA*COMPANY 3
N3*123 ANY ST*LOADING DOCK 1
N4*CALGARY**T9T9T9*CA***AB
PER*IC*NAME1*TE*1234567892
N1*DA*COMPANY 4
N3*200 ROAD ST*LOADING DOCK 1
N4*OTTAWA**K1A1H1*CA***ON
PER*IC*TED SMITH*TE*1234567893
M12*61
R4*J*SC*US CITY**US***WI
R4*3*CD*0427
R4*4*CD*0496
R4*R*SC*HOLLYWOOD**CA
VID*NC**NO NUMBER
N10*3*VSL-602*NO MARKS OR NUMBERS****L*119**BOX
SE*32*340015
GE*1*1
IEA*1*984000001

Appendix 2 – SAMPLE MESSAGE MAPS

ANSI Cargo Sample 4 – CSA

```
ISA*00*          *00*          *00*TESTING          *ZZ*CANC
*100630*1450*U*00200*984000001*0*T*:
GS*AQ*TEST*ACIA8A*20100521*1450*1*X*005040
ST*309*340015
M10*SCAC*J***   ****P***336908707379*04
P4*0427*20101019*1230
LX*1
M11*2XXXCSACCN1*LOC IDENT*****SCAC*****K
N9*76*ETA**20101019*1230*ES
N9*MR*01*123456789RM0001
N9*KD*HANDLE WITH CARE
N1*SH*COMPANY 1
N3*SH 9999 EXECUTIVE DR*UNIT 1
N4*SH OCONOMOWOC**53066*US***WI
PER*IC*KAREN*TE*1234567899
N1*CN*COMPANY 2*BN*861754125RM0001
N3*CN ADDRESS1*ADDRESS2
N4*CN CALGARY**T9T9T9*CA***AB
PER*IC*TEST*TE*1234567899
M12*61
R4*J*SC*US CITY**US***WI
R4*3*CD*0427
R4*4*CD*0427
R4*R*SC*HOLLYWOOD**CA
VID*NC**NO NUMBER
N10*3*VSL-602*NO MARKS OR NUMBERS***L*119**BOX
SE*24*340015
GE*1*1
IEA*1*984000001
```

Appendix 2 – SAMPLE MESSAGE MAPS

ANSI Conveyance Sample 1

```
ISA*00*                *00*                *00*TESTING          *ZZ*CANC
*100630*1450*U*00200*976000001*0*T*:
GS*BD*TEST*ACIA9*20100521*1450*1*X*005040
ST*358*340015
M10*2XXX*J***2XXXCRN001**TRANSID**P***REF02*04
P4*0427*20101019***1100
VID*TV**1234*00001*****L***AAA111**US**VT
VID*TL**9XYZ*00002*****ZZZ111**US**VT
N9*76*ETD**20101019*1230*ED
MBL*SCAC*2XXXCCN1
MBL*SCAC*2XXXCCN2
SE*9*340015
GE*1*1
IEA*1*976000001
```

ANSI Conveyance Sample 2 – Postal

```
ISA*00*                *00*                *00*TESTING          *ZZ*CANC
*100630*1450*U*00200*976000001*0*T*:
GS*BD*TEST*ACIA9*20100521*1450*1*X*005040
ST*358*340015
M10*2XXX*J***2XXXCRN002**TRANSID**P***REF02*04
P4*0427*20100102***1100
VID*TV**1234*00001*****L***AAA111**US**VT
N9*76*ETD**20101019*1230*ED
MBL*SCAC*NA***03
SE*7*340015
GE*1*1
IEA*1*976000001
```

ANSI Conveyance Sample 3 – HVS/LVS Courier

```
ISA*00*                *00*                *00*TESTING          *ZZ*CANC
*100630*1450*U*00200*976000001*0*T*:
GS*BD*TEST*ACIA9*20100521*1450*1*X*005040
ST*358*340015
M10*2XXX*J***2XXXCRN003**TRANSID**P***REF02*04
P4*0427*20101019***1100
VID*TV**1234*00001*****L***AAA111**US**VT
N9*76*ETD**20101019*1230*ED
MBL*SCAC*NA***01
MBL*SCAC*2XXXCCN2
MBL*SCAC*2XXXCCN3
SE*9*340015
GE*1*1
IEA*1*976000001
```

Appendix 2 – SAMPLE MESSAGE MAPS

ANSI Conveyance Sample 4 – 2 CN

```
ISA*00*                *00*                *00*TESTING          *ZZ*CANC
*100630*1450*U*00200*976000001*0*T*:
GS*BD*TEST*ACIA9*20100521*1450*1*X*005040
ST*358*340015
M10*2XXX*J***2XXXCRN004**TRANSID**P***REF02*04
P4*0427*20101019***1100
VID*TV**1234*00001*****L*****AAA111**US**VT
N9*76* ETD**20101019*1230*ED
VID*TL**9XYZ*00002*****ZZZ111**US**VT
VID*CN*WXYZ*11234567*12345
MBL*SCAC*2XXXCCN1
VID*CN*WXYZ*21234567*56789
MBL*SCAC*2XXXCCN2
MBL*SCAC*2XXXCCN3
SE*12*340015
GE*1*1
IEA*1*976000001
```

ANSI Conveyance Sample 5 – Empty

```
ISA*00*                *00*                *00*TESTING          *ZZ*CANC
*100630*1450*U*00200*976000001*0*T*:
GS*BD*TEST*ACIA9*20100521*1450*1*X*005040
ST*358*340015
M10*2XXX*J***2XXXCRN005**TRANSID**P***REF02*00
P4*0427*20101019***1100
VID*TV**1234*00001*****E*****AAA111**US**VT
N9*76* ETD**20101019*1230*ED
VID*TL**9XYZ*00002*****ZZZ111**US**VT
SE*7*340015
GE*1*1
IEA*1*976000001
```

Appendix 2 – SAMPLE MESSAGE MAPS

ANSI Conveyance Sample 6 – Mix CSA and non

```
ISA*00*                *00*                *00*TESTING          *ZZ*CANC
*100630*1450*U*00200*976000001*0*T*:
GS*BD*TEST*ACIA9*20100521*1450*1*X*005040
ST*358*340015
M10*2XXX*J***2XXXCSACRN001**TRANSID**P***REF02*00
P4*0427*20100102***1100
VID*TV**1234*00001*****L*****AAA111**US**VT
N9*76* ETD**20091019*1230*ED
VID*TL**9XYZ*00002*****ZZZ111**US**VT
MBL*SCAC*2XXXCSACCN1
MBL*SCAC*2XXXCCN1
MBL*SCAC*2XXXCCN2
SE*10*340015
GE*1*1
IEA*1*976000001
```

ANSI Conveyance Sample 7 – IIT

```
ISA*00*                *00*                *00*TESTING          *ZZ*CANC
*100630*1450*U*00200*976000001*0*T*:
GS*BD*TEST*ACIA9*20100521*1450*1*X*005040
ST*358*340015
M10*2XXX*J***2XXXCRN007**TRANSID**P***REF02*00
P4*0427*20090102***1100
VID*TV**1234*00001*****L*****AAA111**US**VT
N9*76* ETD**20091019*1230*ED
VID*TL**9XYZ*00002*****ZZZ111**US**VT
MBL*SCAC*NA***02
SE*8*340015
GE*1*1
IEA*1*976000001
```

Appendix 2 – SAMPLE MESSAGE MAPS

ANSI 997

Outbound for Syntax Error (Invalid/too long R403 - CDXX):

```
ISA*00*                *00*                *ZZ*CANC                *00*TEST
*100630*1450*U*00200*000000520*0*T*:
GS*FA*9975040*TEST*20100712*18584346*237*X*005040
ST*997*0001
AK1*AQ*1
AK2*309*CGO000001
AK3*R4*30**8
AK4*2*309*5*CDXX
AK4*2*309*7*CDXX
AK5*R*5
AK9*P*1*1*0
SE*9*0001
GE*1*237
IEA*1*000000520
```

Outbound for Syntax Error (Line count error):

```
ISA*00*                *00*                *ZZ*CANC                *00*TEST
*100630*1450*U*00200*000000521*0*T*:
GS*FA*9975040*TEST*20100712*18584420*238*X*005040
ST*997*0001
AK1*AQ*1
AK2*309*CGO000001
AK5*R*4
AK9*P*1*1*0
SE*6*0001
GE*1*238
IEA*1*000000521
```

Appendix 2 – SAMPLE MESSAGE MAPS

ANSI 824

Outbound for Positive Application Acknowledgement (ACK):

```
ISA*00*          *00*          *ZZ*CANC          *00*TEST
*100630*1450*U*00200*000000424*0*T*:
GS*AG*8245040*TEST*20100712*16542803*192*X*005040
ST*824*0001
BGN*06*CGO000001*20100712*1645
OTI*IA*XC*2XXXADECCRDANSIS12001
REF*ZZ*GOODS DESC FOR MULT OCCURS
SE*5*0001
GE*1*192
IEA*1*000000424
```

Outbound for Warning Message for Insufficient Review Time):

```
ISA*00*          *00*          *ZZ*CANC          *00*TEST
*100630*1450*U*00200*000000387*0*T*:
GS*AG*8245040*TEST*20100711*13194978*160*X*005040
ST*824*0001
BGN*44*340015*20100710*151137
OTI*IE*XC*2XXXADECCRDANSITESTY6601
REF*ZZ*AD TEST ANSI Y66
TED*ZZZ*V67*N9*04*373*2010051912305999999ES
SE*6*0001
GE*1*160
IEA*1*000000387
```

Outbound for Application Reject (Invalid Port Code 8527):

```
ISA*00*          *00*          *ZZ*CANC          *00*TEST
*100713*1039*U*00200*000000538*0*T*:
GS*AG*8245040*TEST*20100713*10393910*243*X*005040
ST*824*0001
BGN*44*CGO000001*20100713*1034
OTI*IR*XC*2XXXADECCRDANSIY50001
REF*ZZ*Y50 TEST WRONG PORT CODE R4_3
TED*ZZZ*467*R4**03*310*8527
SE*6*0001
GE*1*243
IEA*1*000000538
```

Appendix 2 – SAMPLE MESSAGE MAPS

ANSI 350

Outbound for Section 12(1) Reporting Message:

```
ISA*00*          *00*          *ZZ*CANC          *00*TEST
*100630*1450*U*00200*000000519*0*T*:
GS*   *3505040*TEST*20100712*18163286*236*X*5040
ST*350*0001
M10*SCAC*ZZ*****REF02
P4*0427*20100805
X4*2XXXANSI3CH107A**976*2XXXANSI3CHCONV101A*20100805*140034*200*****0427
X4*2XXXANSI3CH108A****20100805*140034
X4*2XXXANSI3CH109A****20100805*140034
X4*2XXXANSI3CH113A****20100805*140034
X4*2XXXANSI3CH114A****20100805*140034
X4*2XXXANSI3CH115A****20100805*140034
X4*2XXXANSI3CH119A****20100805*140034
X4*2XXXANSI3CH120A****20100805*140034
X4*2XXXANSI3CH121A****20100805*140034
X4*2XXXANSI3CH122A****20100805*140034
X4*2XXXANSI3CH123A****20100805*140034
X4*2XXXANSI3CH124A****20100805*140034
X4*2XXXANSI3CH101A****20100805*140034
X4*2XXXANSI3CH104A****20100805*140034
X4*2XXXANSI3CH105A****20100805*140034
X4*2XXXANSI3CH106A****20100805*140034
X4*2XXXANSI3CH110A****20100805*140034
X4*2XXXANSI3CH111A****20100805*140034
X4*2XXXANSI3CH112A****20100805*140034
X4*2XXXANSI3CH116A****20100805*140034
X4*2XXXANSI3CH117A****20100805*140034
X4*2XXXANSI3CH118A****20100805*140034
SE*26*0001
GE*1*236
IEA*1*000000519
```

Appendix 2 – SAMPLE MESSAGE MAPS

EDIFACT Cargo Sample 1 – HVS

```
UNB+UNOA:4+ECCRDTEST:ZZ+TESTING:ZZ+100531:1440+HCGO1_1'  
UNG+CUSCAR+ECCRDTEST+CIT+100531:1440+AX984_1+UN+D:08A:HWYCGO'  
UNH+MSG_1+CUSCAR:D:08A:UN:HWYCGO'  
BGM+85+CLIENT-SUPPLIED REFERENCE ID+09'  
CST++984::96'  
TDT++03'  
DTM+252:201010191230:205'  
CNI+1'  
DOC+701+UNIQUE CONSIGNMENT REFERENCE NUMBER'  
RFF+MB:2XXXCCN1'  
LOC+9+US::NY:PORT OF LOADING'  
LOC+172+0427::96'  
LOC+10+US::NY:PLACE OF ACCEPTANCE'  
LOC+8+0496::96:::3033'  
GEI+6:::24'  
GEI+12:::0'  
GEI+24:::1'  
FTX+SIN+++SPECIAL INSTRUCTIONS  
NAD+CN+++CONSIGNEE NAME 1:CONSIGNEE NAME 2+CN ADDRESS LINE 1:CN ADDRESS LINE 2+CN  
CITY+ON+K1A0L5+CA'  
CTA+CN'  
COM+9999990001:TE'  
NAD+CZ+++CONSIGNOR NAME 1:CONSIGNOR NAME 2+CZ ADDRESS LINE 1:CZ ADDRESS LINE 2+CZ  
CITY+NY+90125+US'  
CTA+CO'  
COM+9999990002:TE'  
NAD+DP+++DELIVERY PARTY NAME 1:DELIVERY PARTY NAME 2+DP ADDRESS LINE 1:DP ADDRESS  
LINE 2+DP CITY+ON+K1A0L5+CA'  
CTA+DL'  
COM+9999990003:TE'  
NAD+NI+++NOTIFY PARTY NAME 1:NOTIFY PARTY NAME 2+NI ADDRESS LINE 1:NI ADDRESS LINE  
2+NI CITY+ON+K1A0L5+CA'  
CTA+NT'  
COM+9999990004:TE'  
GID+1'  
PAC+1++BOX'  
FTX+AAA+++GOODS DESCRIPTION 1'  
MEA+WT+AAE+KGM:10'  
PCI++SHIPPING MARKS AND NUMBERS'  
CST++0000700000'  
UNT+35+MSG_1'  
UNE+1+AX984_1'  
UNZ+1+HCGO1_1'
```


Appendix 2 – SAMPLE MESSAGE MAPS

EDIFACT Cargo Sample 2 – Hazardous Goods

```
UNB+UNOA:4+ECCRDTEST:ZZ+TESTING:ZZ+100531:1440+HCG01_1'  
UNG+CUSCAR+ECCRDTEST+CIT+100531:1440+AX984_1+UN+D:08A:HWYCGO'  
UNH+MSG_1+CUSCAR:D:08A:UN:HWYCGO'  
BGM+85+CLIENT-SUPPLIED REFERENCE ID+09'  
CST++984::96'  
TDT++03'  
DTM+252:201005312359-0400:205'  
CNI+1'  
DOC+701+UNIQUE CONSIGNMENT REFERENCE NUMBER'  
RFF+MB:2XXXCCN2'  
LOC+9+US::NY:PORT OF LOADING'  
LOC+172+0427::96'  
LOC+10+US::NY:PLACE OF ACCEPTANCE'  
LOC+8+0496::96+:::3033'  
GEI+6+:::24'  
GEI+12+:::0'  
GEI+24+:::0'  
FTX+SIN+++SPECIAL INSTRUCTIONS'  
NAD+CN+++CONSIGNEE NAME 1:CONSIGNEE NAME 2+CN ADDRESS LINE 1:CN ADDRESS LINE 2+CN  
CITY+ON+K1A0L5+CA'  
CTA+CN'  
COM+9999990001:TE'  
NAD+CZ+++CONSIGNOR NAME 1:CONSIGNOR NAME 2+CZ ADDRESS LINE 1:CZ ADDRESS LINE 2+CZ  
CITY+NY+90125+US'  
CTA+CO'  
COM+9999990002:TE'  
NAD+DP+++DELIVERY PARTY NAME 1:DELIVERY PARTY NAME 2+DP ADDRESS LINE 1:DP ADDRESS  
LINE 2+DP CITY+ON+K1A0L5+CA'  
CTA+DL'  
COM+9999990003:TE'  
NAD+NI+++NOTIFY PARTY NAME 1:NOTIFY PARTY NAME 2+NI ADDRESS LINE 1:NI ADDRESS LINE  
2+NI CITY+ON+K1A0L5+CA'  
CTA+NT'  
COM+9999990004:TE'  
GID+1'  
PAC+1++BOX'  
HAN+:::HAZARDOUS GOODS SPECIAL INSTRUCTIONS - USING THIS SPACE TO TEST LIMIT OF  
CHARACTERS IN THE MESSAGE AND TO SEE WHAT HAPPENS IN ACROSS WHEN THIS MANY  
CHARACTERS ARE INPUT IN A SINGLE MESSAGE+:999-999-0005::HAZARDOUS GOODS CONTACT  
NAME'  
FTX+AAA+++GOODS DESCRIPTION 1'  
MEA+WT+AAE+KGM:10'  
DGS+++1454'  
PCI++SHIPPING MARKS AND NUMBERS'  
CST++0000700000'  
UNT+37+MSG_1'  
UNE+1+AX984_1'  
UNZ+1+HCG01_1'
```

Appendix 2 – SAMPLE MESSAGE MAPS

EDIFACT Cargo Sample 3 – Consolidated Goods

```
UNB+UNOA:4+ECCRDTEST:ZZ+TESTING:ZZ+100531:1440+HCGO1_1'  
UNG+CUSCAR+ECCRDTEST+CIT+100531:1440+AX984_1+UN+D:08A:HWYCGO'  
UNH+MSG_1+CUSCAR:D:08A:UN:HWYCGO'  
BGM+85+CLIENT-SUPPLIED REFERENCE ID+09'  
CST++984::96'  
TDT++03'  
DTM+252:201010191230:205'  
CNI+1'  
DOC+701+UNIQUE CONSIGNMENT REFERENCE NUMBER'  
RFF+MB:2XXXCCN3'  
LOC+9+US::NY:PORT OF LOADING'  
LOC+172+0427:96'  
LOC+10+US::NY:PLACE OF ACCEPTANCE'  
LOC+8+0496::96:::3033'  
GEI+6:::24'  
GEI+12:::0'  
GEI+24:::1'  
FTX+SIN+++SPECIAL INSTRUCTIONS'  
NAD+CN+++CONSIGNEE NAME 1:CONSIGNEE NAME 2+CN ADDRESS LINE 1:CN ADDRESS LINE 2+CN  
CITY+ON+K1A0L5+CA'  
CTA+CN'  
COM+9999990001:TE'  
NAD+CZ+++CONSIGNOR NAME 1:CONSIGNOR NAME 2+CZ ADDRESS LINE 1:CZ ADDRESS LINE 2+CZ  
CITY+NY+90125+US'  
CTA+CO'  
COM+9999990002:TE'  
NAD+DP+++DELIVERY PARTY NAME 1:DELIVERY PARTY NAME 2+DP ADDRESS LINE 1:DP ADDRESS  
LINE 2+DP CITY+ON+K1A0L5+CA'  
CTA+DL'  
COM+9999990003:TE'  
NAD+NI+++NOTIFY PARTY NAME 1:NOTIFY PARTY NAME 2+NI ADDRESS LINE 1:NI ADDRESS LINE  
2+NI CITY+ON+K1A0L5+CA'  
CTA+NT'  
COM+9999990004:TE'  
GID+1'  
PAC+1++BOX'  
FTX+AAA+++GOODS DESCRIPTION 1'  
MEA+WT+AAE+KGM:10'  
PCI++SHIPPING MARKS AND NUMBERS'  
CST++0000700000'  
UNT+35+MSG_1'  
UNE+1+AX984_1'  
UNZ+1+HCGO1_1'
```

Appendix 2 – SAMPLE MESSAGE MAPS

EDIFACT Cargo Sample 4 – CSA

UNB+UNOA:4+ECCRDTEST:ZZ+TESTING:ZZ+100531:1440+HCGO1_1'
UNG+CUSCAR+ECCRDTEST+CIT+100531:1440+AX984_1+UN+D:08A:HWYCGO'
UNH+MSG_1+CUSCAR:D:08A:UN:HWYCGO'
BGM+85+CLIENT-SUPPLIED REFERENCE ID+09'
CST++984:::96'
TDT+++03'
DTM+252:201005312359-0400:205'
CNI+1'
DOC+701+UNIQUE CONSIGNMENT REFERENCE NUMBER'
RFF+MB:2XXXCSACCN1'
RFF+BAH:123456789RM0001'
LOC+9+US::NY:PORT OF LOADING'
LOC+172+0427:::96'
LOC+10+US::NY:PLACE OF ACCEPTANCE'
LOC+8+0427::96+:::3033'
GEI+6+:::24'
GEI+12+:::1'
GEI+24+:::1'
FTX+SIN+++SPECIAL INSTRUCTIONS'
NAD+CN+++CONSIGNEE NAME 1:CONSIGNEE NAME 2+CN ADDRESS LINE 1:CN ADDRESS LINE 2+CN
CITY+ON+K1A0L5+CA'
CTA+CN'
COM+9999990001:TE'
NAD+CZ+++CONSIGNOR NAME 1:CONSIGNOR NAME 2+CZ ADDRESS LINE 1:CZ ADDRESS LINE 2+CZ
CITY+NY+90125+US'
CTA+CO'
COM+9999990002:TE'
NAD+DP+++DELIVERY PARTY NAME 1:DELIVERY PARTY NAME 2+DP ADDRESS LINE 1:DP ADDRESS
LINE 2+DP CITY+ON+K1A0L5+CA'
CTA+DL'
COM+9999990003:TE'
NAD+NI+++NOTIFY PARTY NAME 1:NOTIFY PARTY NAME 2+NI ADDRESS LINE 1:NI ADDRESS LINE
2+NI CITY+ON+K1A0L5+CA'
CTA+NT'
COM+9999990004:TE'
GID+1'
PAC+1++BOX'
FTX+AAA+++GOODS DESCRIPTION 1'
MEA+WT+AAE+KGM:10'
PCI++SHIPPING MARKS AND NUMBERS'
CST++0000700000'
UNT+36+MSG_1'
UNE+1+AX984_1'
UNZ+1+HCGO1_1'

Appendix 2 – SAMPLE MESSAGE MAPS

EDIFACT Conveyance Sample 1 – Postal

UNB+UNOA:4+ECCRDTEST:ZZ+TESTING:ZZ+100531:1440+HCVY1_1'
UNG+CUSREP+ECCRDTEST+CRT+100531:1440+AX976_1+UN+D:08A:HWYCNV'
UNH+MSG_1+CUSREP:D:08A:UN:HWYCNV'
BGM+187:::24+CLIENT-SUPPLIED REFERENCE ID+09'
CST++976::96'
RFF+ABT:2XXXCRN001'
TDT+++03++2XXX'
LOC+87+0427::96'
DTM+252:201010191230-0500:205'
EQD+TV+1234++++5'
RFF+VT:AAA111'
NAD+++++ON++CA'
SEL+00001'
GEI+23+:::03'
UNT+13+MSG_1'
UNE+1+AX976_1'
UNZ+1+HCVY1_1'

EDIFACT Conveyance Sample 2

UNB+UNOA:4+ECCRDTEST:ZZ+TESTING:ZZ+100531:1440+HCVY1_1'
UNG+CUSREP+ECCRDTEST+CRT+100531:1440+AX976_1+UN+D:08A:HWYCNV'
UNH+MSG_1+CUSREP:D:08A:UN:HWYCNV'
BGM+187:::24+CLIENT-SUPPLIED REFERENCE ID+09'
CST++976::96'
RFF+ABT:2XXXCRN002'
TDT+++03++2XXX'
LOC+87+0427::96'
DTM+252:201010191230-0500:205'
EQD+TV+1234++++5'
RFF+VT:AAA111'
NAD+++++ON++CA'
SEL+00001'
EQD+TL+9XYZ'
RFF+VT:ZZZ111'
NAD+++++ON++CA'
SEL+00002'
RFF+MB:2XXXCCN1'
RFF+MB:2XXXCCN2'
UNT+18+MSG_1'
UNE+1+AX976_1'
UNZ+1+HCVY1_1'

Appendix 2 – SAMPLE MESSAGE MAPS

EDIFACT Conveyance Sample 3 – HVS/LVS Courier

UNB+UNOA:4+ECCRDTEST:ZZ+TESTING:ZZ+100531:1440+HCVY1_1'
UNG+CUSREP+ECCRDTEST+CRT+100531:1440+AX976_1+UN+D:08A:HWYCNV'
UNH+MSG_1+CUSREP:D:08A:UN:HWYCNV'
BGM+187:::24+CLIENT-SUPPLIED REFERENCE ID+09'
CST++976::96'
RFF+ABT:2XXXCRN003'
TDT+++03++2XXX'
LOC+87+0427::96'
DTM+252:201010191230-0500:205'
EQD+TV+1234++++5'
RFF+VT:AAA111'
NAD++++++ON++CA'
SEL+00001'
RFF+MB:2XXXCCN2'
RFF+MB:2XXXCCN3'
GEI+23+:::01'
UNT+15+MSG_1'
UNE+1+AX976_1'
UNZ+1+HCVY1_1'

EDIFACT Conveyance Sample 4 – 2 CN

UNB+UNOA:4+ECCRDTEST:ZZ+TESTING:ZZ+100531:1440+HCVY1_1'
UNG+CUSREP+ECCRDTEST+CRT+100531:1440+AX976_1+UN+D:08A:HWYCNV'
UNH+MSG_1+CUSREP:D:08A:UN:HWYCNV'
BGM+187:::24+CLIENT-SUPPLIED REFERENCE ID+09'
CST++976::96'
RFF+ABT:2XXXCRN004'
TDT+++03++2XXX'
LOC+87+0427::96'
DTM+252:201010191230-0500:205'
EQD+TV+1234++++5'
RFF+VT:AAA111'
NAD++++++ON++CA'
SEL+00001'
EQD+TL+9XYZ'
RFF+VT:ZZZ111'
NAD++++++ON++CA'
SEL+00002'
EQD+CN+WXYZ123456789'
SEL+12345'
RFF+MB:2XXXCCN5'
EQD+CN+WXYZ223456789'
SEL+56789'
RFF+MB:2XXXCCN6'
RFF+MB:2XXXCCN7'
UNT+23+MSG_1'
UNE+1+AX976_1'
UNZ+1+HCVY1_1'

Appendix 2 – SAMPLE MESSAGE MAPS

EDIFACT Conveyance Sample 5 – Empty

```
UNB+UNOA:4+ECCRDTEST:ZZ+TESTING:ZZ+100531:1440+HCVY1_1'  
UNG+CUSREP+ECCRDTEST+CRT+100531:1440+AX976_1+UN+D:08A:HWYCNV'  
UNH+MSG_1+CUSREP:D:08A:UN:HWYCNV'  
BGM+187:::24+AD TEST EMPTY+09'  
CST++976::96'  
RFF+ABT:2207ADEDIFACTTESTTCRN005  
TDT+++03++2204'  
LOC+87+0427::96'  
DTM+252:201010191230-0500:205'  
EQD+TV+1234++++4'  
RFF+VT:AAA111'  
NAD++++++ON++CA'  
EQD+TL+9XYZ'  
RFF+VT:ZZZ111'  
NAD++++++ON++CA'  
UNT+14+MSG_1'  
UNE+1+AX976_1'  
UNZ+1+HCVY1_1'
```

EDIFACT Conveyance Sample 6 – CSA and non-CSA

```
UNB+UNOA:4+ECCRDTEST:ZZ+TESTING:ZZ+100531:1440+HCVY1_1'  
UNG+CUSREP+ECCRDTEST+CRT+100531:1440+AX976_1+UN+D:08A:HWYCNV'  
UNH+MSG_1+CUSREP:D:08A:UN:HWYCNV'  
BGM+187:::24+6779ADEDIFACTCSACRN006+09'  
CST++976::96'  
RFF+ABT:AD TEST MULTIPLE CN_CCN'  
TDT+++03++2204'  
LOC+87+0427::96'  
DTM+252:201010191230-0500:205'  
EQD+TV+1234++++5'  
RFF+VT:AAA111'  
NAD++++++ON++CA'  
EQD+TL+9XYZ'  
RFF+VT:ZZZ111'  
NAD++++++ON++CA'  
RFF+MB:6779ADEDIFACTCSACCN1'  
RFF+MB:2207ADEDIFACTTESTCCN8'  
RFF+MB:2207ADEDIFACTTESTCCN9'  
UNT+17+MSG_1'  
UNE+1+AX976_1'  
UNZ+1+HCVY1_1'
```

Appendix 2 – SAMPLE MESSAGE MAPS

EDIFACT Conveyance Sample 7 – IIT

```
UNB+UNOA:4+ECCRDTEST:ZZ+TESTING:ZZ+100531:1440+HCVY1_1'  
UNG+CUSREP+ECCRDTEST+CRT+100531:1440+AX976_1+UN+D:08A:HWYCNV'  
UNH+MSG_1+CUSREP:D:08A:UN:HWYCNV'  
BGM+187:::24+AD TEST IIT+09'  
CST++976::96'  
RFF+ABT:2207ADEDIFACTTESTCRN007'  
TDT+++03++2204+++BAG:96:FUTURE'  
LOC+87+0427::96'  
DTM+252:201010191230-0500:205'  
EQD+TV+1234++++5'  
RFF+VT:AAA111'  
NAD++++++ON++CA'  
SEL+00001'  
EQD+TL+9XYZ'  
RFF+VT:ZZZ111'  
NAD++++++ON++CA'  
SEL+00002'  
GEI+23+:::02'  
UNT+17+MSG_1'  
UNE+1+AX976_1'  
UNZ+1+HCVY1_1'
```

Appendix 2 – SAMPLE MESSAGE MAPS

EDIFACT CUSRES

Outbound for Positive Application Acknowledgement (ACK):

```
UNB+UNOA:4+RCCECECPT:ZZ+ZIAD+100712:1749+467+++A+++1
UNG+CUSRES+CCR+ZIAD+20100712:1749+233+UN+D:08A
UNH+1+CUSRES:D:08A:UN
BGM+:::984+2207ADECCRDEDIFACTS12001+11
DTM+9:201007121742:203
GEI+5+1
UNT+5+1
UNE+1+233
UNZ+1+467
```

Outbound for Syntax Error (Elements too long – RFF and COM):

```
UNA:+.?
UNB+UNOA:4+TESTING:ZZ+ECCRDTEST+100712:1901+522+++A+++1
UNG+CUSRES+CCR+ECCRDTEST+20100712:1901+284+UN+D:08A
UNH+1+CUSRES:D:08A:UN
BGM+:::984+2XXXADECCRDEDIFACTSYNTAX001+11
DTM+9:201007121859:203
GEI+14
RFF+ZZZ:AD TEST Y66
ERP+2:MSG_1:28
ERC+ZZZ
FTX+AAO+++SEGMENTRFFLINE7ELEM1154[1.2]ELEM TOO LONG
ERP+2:MSG_1:28
ERC+ZZZ
FTX+AAO+++SEGMENTCOMLINE21ELEM3148[1.1]ELEM TOO LONG
ERP+2:MSG_1:28
ERC+ZZZ
FTX+AAO+++SEGMENTCOMLINE24ELEM3148[1.1]ELEM TOO LONG
ERP+2:MSG_1:28
ERC+ZZZ
FTX+AAO+++SEGMENTCOMLINE27ELEM3148[1.1]ELEM TOO LONG
UNT+18+1
UNE+1+284
UNZ+1+522
```

Outbound for Syntax Error (Line count error):

```
UNA:+.?
UNB+UNOA:4+TESTING:ZZ+ECCRDTEST+999999:9999+1245+++A
UNG+CUSRES+CCR+ECCRDTEST+20100716:1458+385+UN+D:08A
UNH+1+CUSRES:D:08A:UN
BGM+:::984+2XXXADEDIFACTTESTCCN26+11
DTM+9:201007161458:203
GEI+5+14
RFF+ZZZ:AD TEST Y66
ERP+2:MSG_1:28
ERC+ZZZ
FTX+AAO+++TRANSACTION AT BYTE OFFSET108-INVALID SEGMENT COUNT
UNT+9+1
UNE+1+385
UNZ+1+1245
```


Appendix 2 – SAMPLE MESSAGE MAPS

Outbound for Application Reject (Invalid Port Code 8527):

```
UNA:+.?  
UNB+UNOA:4+TESTING:ZZ+ECCRDTEST+100712:1758+514+++A+++1  
UNG+CUSRES+CCR+ECCRDTEST+20100712:1758+280+UN+D:08A  
UNH+1+CUSRES:D:08A:UN  
BGM+:::984+2XXXADECCRDEDIFACTY50001+11  
DTM+9:201007121749:203  
GEI+5+14  
RFF+ZZZ:AD TEST Y66  
ERP+2:MSG_1:22  
ERC+467  
FTX+AAO+++8527  
UNT+9+1  
UNE+1+280  
UNZ+1+514
```

Outbound for Warning Message for Insufficient Review Time:

```
UNB+UNOA:4+TESTING:ZZ+ECCRDTEST+100712:1758+511+++A+++1  
UNG+CUSRES+CCR+ECCRDTEST+20100712:1758+277+UN+D:08A  
UNH+1+CUSRES:D:08A:UN  
BGM+:::984+2XXXADECCRDEDIFACTY6601+11  
DTM+9:201007121751:203  
GEI+3+66  
RFF+ZZZ:AD TEST Y66  
ERP+2:MSG_1:22  
ERC+V67  
UNT+9+1  
UNE+1+277  
UNZ+1+511
```

Outbound for Section 12(1) Reporting Message:

```
UNB+UNOA:4+TESTING:ZZ+ECCRDTEST+100712:1813+518+++A+++1  
UNG+CUSRES++ECCRDTEST+20100712:1813+283+UN+D:08A  
UNH+1+CUSRES:D:08A:UN  
BGM+98:::976+AD TEST MULTIPLE CN_CCN+11  
DTM+58:20100712181043:204  
TDT+11+2XXXADEDIFACTS12CONV001  
LOC+41+0427::96  
GEI+3+200::96  
RFF+ZZZ:AD TEST Y66  
RFF+XC:2XXXADECCRDEDIFACTS12009  
RFF+XC:2XXXADECCRDEDIFACTS12010  
RFF+XC:2XXXADECCRDEDIFACTS12011  
RFF+XC:2XXXADECCRDEDIFACTS12012  
RFF+XC:2XXXADECCRDEDIFACTS12013  
RFF+XC:2XXXADECCRDEDIFACTS12014  
RFF+XC:2XXXADECCRDEDIFACTS12015  
RFF+XC:2XXXADECCRDEDIFACTS12016  
RFF+XC:2XXXADECCRDEDIFACTS12017  
RFF+XC:2XXXADECCRDEDIFACTS12018  
RFF+XC:2XXXADECCRDEDIFACTS12019  
RFF+XC:2XXXADECCRDEDIFACTS12020  
RFF+XC:2XXXADECCRDEDIFACTS12001  
RFF+XC:2XXXADECCRDEDIFACTS12005  
RFF+XC:2XXXADECCRDEDIFACTS12006  
RFF+XC:2XXXADECCRDEDIFACTS12007  
RFF+XC:2XXXADECCRDEDIFACTS12008  
UNT+25+1  
UNE+1+283  
UNZ+1+518
```

Appendix 2 – SAMPLE MESSAGE MAPS

Outbound for Manual Reject by Officer:

```
UNB+UNOA:4+TESTING:ZZ+ECCRDTEST+101031:1120+5404+++A
UNG+CUSRES+CCR+ECCRDTEST +20101031:1120+1657+UN+D:08A
UNH+1+CUSRES:D:08A:UN
BGM+:::984+2XXXEDIFACTOB0001+11
DTM+9:201008091349:203
GEI+5+14
RFF+ZZZ:AD TEST Y66
ERP+2:MSG 1:21
ERC+500
FTX+AAO+++TESTING EDIFACT OUTBOUND ERROR MESSAGE TEXT WHICH SHOULD APPEAR IN THE
FXT SEGMENT OF THE MAP AND SHOULD ALSO LOOP THE MESSAGE TEXT
UNT+9+1
UNE+1+1657
UNZ+1+5404
```

Appendix 2 – SAMPLE MESSAGE MAPS