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Release Notification System (RNS)

Client Document

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1.0 INTRODUCTION

This document describes the Release Notification System (RNS) including the Pre-Arrival Review System (PARS) feature. The document contains processing and support information, Electronic Data Interchange (EDI) message maps, and the forms to be completed to become a participant.

The following document is intended for reference purposes. Clients are advised that its content is subject to revision and amendment given the possibility of policy changes, system upgrades and changing operational requirements. That being said, the Electronic Commerce Unit (ECU) of the CBSA will endeavour to provide as much advance notice as possible of major system changes and will notify clients of upcoming changes via e-mail. Please ensure that your e-mail address information is kept up to date with the ECU.

1.1 RNS and its benefits

The RNS service offers a timely and efficient notification of release decisions made by customs to participants by providing importers, brokers, warehouse operators and carriers with Electronic Data Interchange (EDI) RNS messages.

RNS offers a number of benefits to clients:

- Receive release messages in an electronic format 24 hours per day, 7 days per week.
- Update a participant's systems to help initiate the preparation of confirming entries.
- Electronically notify other parties who are affected by the release and ensure more timely delivery of shipments.
- Reduce costs and staff activities needed to obtain and monitor releases from the CBSA.
- Report arrival of goods on a 24/7 basis.
- Transmit status query messages in order to find out the status of a release transaction.
- Receive automatic status notification from the CBSA identifying that the PARS release package has been submitted

to and processed by the CBSA and, therefore, awaiting goods arrival.

1.2 Electronic Data Interchange Standards

The message maps for RNS are offered in two message standards, EDIFACT and ANSI.

The United Nations EDI International standard "**E**lectronic **D**ata **I**nterchange **F**or **A**dministration, **C**ommerce, and **T**ransport" (**EDIFACT**) was the first message standard introduced for the CBSA's RNS, consisting of the following:

CUSREP - The "Customs Conveyance Report Message" allows clients to transmit the EDI arrival certification message and/or status query to the CBSA.

CUSRES - The "Customs Response Message" permits the CBSA to provide the Release Notification message.

Appendix "E" provides the record layout of the 96.A EDIFACT Customs Report (CUSREP) and the Customs Response (CUSRES) messages that are utilized for RNS. Appendix "F" provides the record layout of the 99.B version.

The message maps for RNS have also been designed using version 5040 of the Accredited Standards Committee (ASC) X12 Standards under the coordination of the American National Standards Institute (ANSI), consisting of the following:

353 – Customs Event Advisory Details
350 – Customs Status Information
824 – Application Advice
997 – Functional Acknowledgement

1.3 Telecommunication Interfaces

The use of EDI requires that telecommunication interfaces be established between the electronic trading partners. Such interfaces are possible with the Customs Internet Gateway, Direct Connect with the CBSA, third party service providers and Value Added Networks (VANs). The CBSA currently connects to a number of public VAN suppliers. Details are available at:
www.cbsa-asfc.gc.ca/eservices/comm-eng.html

It is the responsibility of the participant to make whatever arrangements are necessary to send arrival and status query messages to the CBSA and retrieve release/referral/status messages or acknowledgment/error messages. Clients will be responsible for all transmission costs associated with transmitting data to/from the CBSA.

1.4 Processing Overview

To address the multiple EDI demands for the Agency, the CBSA has a state-of-the-art Customs Electronic Commerce Platform (CECP). The CECP provides customized processing routines and profile management to determine the distribution of each individual release transaction, status query or other messages.

1.4.1 'Automatic' Release Notification Message

The following is a basic description of the RNS process for electronically receiving "automatic" release notification for all types of releases.

1. Importer/broker prepares and submits release documentation/data to the CBSA for processing.

2. When the shipment arrives and the transaction has been processed, the CBSA database is updated. On a regular schedule, the released records are extracted and transmitted to the RNS participants.

3 Depending on the participant's profile, the system will generate one or more CUSRES messages to be transmitted to the various parties associated with a transaction.

4. The RNS message(s) are transmitted to the appropriate client mailbox(es) or as the profile dictates for delivery to the client(s).

5. The client establishes a link with their VAN or communication protocol and retrieves the RNS 'automatic release' messages related to their profile (i.e. account security number or carrier code) for the customs offices requested, regardless of service option.

6. Where a sufferance warehouse operator requests automatic release notification for releases not associated with their warehouse, the sufferance warehouse operator must provide an authorization from the applicable carrier(s). Where a service provider requests automatic release notification on behalf of a sufferance warehouse operator, the sufferance warehouse operator must provide authorization for the service provider to receive the automatic release notification. Examples of authorization letters, which must be included in the participant's application, are provided in Appendix "C".

1.4.2 Arrival Certification Messages

The following is a basic description of the process for transmitting arrival certification messages.

1. The exporter arranges with the carrier/forwarder for shipment of the goods to Canada and prepares the export documentation, including commercial or CBSA invoices. This documentation is forwarded to the importer/broker prior to the arrival of the goods.

2. The importer/broker prepares and submits/transmits PARS release documentation/data to the CBSA up to 30 calendar days prior to the arrival of the goods.

3. The CBSA reviews the release documents/data and updates the system with a recommendation such as "to be released" or "to be referred for examination" pending the arrival of the goods.

4. On a regular schedule, recommendations are extracted from the system and held pending a match with arrival certification messages submitted by the participants. These records are held for 30 calendar days before expiration.

5. Upon arrival of the PARS shipment, participants may transmit an arrival certification.

   To send an arrival certification, the participant (normally the warehouse operator) includes the following in their EDI message:

   - cargo control number in uppercase characters only
   - office code
   - arrival code ("631" signifies arrival message)

   Please refer to Customs D Memorandum D17-1-4, Appendix B, for the earliest acceptable time frames for sending the arrival message for the various modes of transport.

   If a "to be released" or "to be referred for examination" recommendation record is not on file (transaction has not yet been processed) the originator of the arrival certification is returned an error message indicating "CCN not on file". For data that is invalid, an error message is provided to the participant.

   If the release transaction is in the system and awaiting processing by a Customs officer, then the system will transmit a response message with a status of “Transaction Awaiting Processing”. The arrival certification message will be held for up to 10 days, and, therefore, does not have to be re-submitted. The system will transmit a response message, with a status of "Goods Released" or "Goods required for examination - Referred" or “Goods may move under Customs

transfer - detain at destination (CFIA)", to the originator as soon as it is available.

6. If the warehouse operator sends an arrival certification and a broker sends delivery instructions and/or container numbers in his EDI release and the goods are then released, the warehouse operator will receive a "Goods released" message that includes delivery instructions and/or container numbers. Other copies of the release message including delivery instructions are then sent to the RNS account security holder associated with the transaction as well as the RNS freight forwarder associated with the carrier code of the cargo control number, etc.

7. In instances where the goods have been referred for examination, only the participant sending the arrival certification will receive the response with the "referred" status. Once the CBSA has performed the examination of the goods and the system is updated with a "released" decision, a "released" status will be provided to the participant who reported the arrival of the goods as well as to all other participants associated with the transaction or cargo control number.

8. Where a carrier/freight forwarder is not the same as the sufferance warehouse operator, the carrier/freight forwarder will require a letter of authorization from the sufferance warehouse operator that arrival certification may be sent by the carrier/freight forwarder to the CBSA on behalf of the sufferance warehouse operator. An example of the letter of authorization, which must be included in the participant's application, is provided in Appendix "C".

1.4.3 Status Query

A participant (such as a carrier/warehouse operator) may utilize the query function to determine the status of both pre and post arrival release transactions. To send a CUSREP status query, the participant includes the following in their EDI message:

- cargo control number in uppercase characters only or transaction number
- office code
- query code ("998" signifies status query message)

If a recommendation record is on file in the system with either a "to be released" or "to be referred for examination" status, a CUSRES "Declaration accepted - awaiting goods arrival" message would be provided to the participant. If the release transaction is in the system and awaiting processing by a Customs officer, then the system will transmit a response message with a status of “Transaction Awaiting Processing”. Query messages with invalid data would be responded to with an error message.

If a release decision is on file in the system, a CUSRES message with a status of either “Goods released”; “Goods required for examination, referred” or “Goods may move under Customs transfer - detain at destination (CFIA)” will be sent to the originator.

1.4.4 Automatic Status Notification

Instead of sending a status query message to find out whether or not PARS release documentation/data was processed by the CBSA, a participant may elect to automatically receive the acknowledgment message. Each time the CBSA makes a recommendation "to be released" or "to be referred", the automatic status notification message "Declaration Accepted - Awaiting Goods Arrival" will be sent to the participant based on their profile (i.e., carrier codes, account security number and office codes).

1.4.5 EDI Release

The system allows for the transmission of release data from an importer/broker to the CBSA via EDI Release. Since this "Electronic Release" process is paperless, the delivery authority copy of the cargo control document is no longer available to the CBSA for processing and delivery to the sufferance warehouse operator/carrier. The transmitter of the release data to the CBSA (importer/broker) is always provided with a notification message once the goods are released. In addition, where the carrier/warehouse operator is an RNS participant linked to the carrier/account security/office code associated with the released goods, they will also receive an RNS release message.

However, if the carrier/warehouse operator is not an RNS participant they still need to know that the goods are released. Also, the carrier/warehouse operator who is on RNS in a limited capacity may only receive a portion of their release information electronically (i.e., for specific carrier, account security, office codes, or sub-location) and will require notification of release in some other manner.

While the CBSA encourages warehouse operators and carriers to participate in electronic commerce and receive notification of all customs releases via RNS, it is the responsibility of the Electronic Release participant and the warehouse operator/carrier to come to terms with the provision of the notification of release, where necessary. Sufferance warehouse operators must be able to either receive RNS messages electronically as an RNS participant or by hard copy (i.e. facsimile) from a service provider such as a Customs broker. The sufferance warehouse operators will not release goods from their warehouse without having received a Customs-stamped delivery authority copy of a cargo control document, or an RNS message directly from the system or from their dedicated service provider.

General inquiries on EDI release should be directed to the Electronic Commerce Unit at 1-888-957-7224.

2.0 APPLICATION REQUIREMENTS AND TESTING PROCESS

2.1 Scope of Participation

Only the CBSA account security holders (importers/brokers), licensed carriers, freight forwarders and sufferance warehouse operators are eligible to apply for participation in RNS. The CBSA will transmit all release/referral/status messages or acknowledgment of data/errors to the participant or participant's EDI third party network. Applicants may request that, once within the EDI network, their release/referral/status messages or acknowledgment/error messages be directed to their own EDI mailbox or the mailbox of another party (i.e., a warehouse operator or another carrier). The mailbox address may be different for each customs release office.

Once an applicant is authorized and a profile established at CBSA for transmission of RNS arrival messages, adjustments to the client's system access profile are possible as their business evolves. For example, if a freight forwarder is also the warehouse operator at CBSA office 0497 (i.e., sending arrival certification), and this freight forwarder decides to conduct business at another location (i.e., sending arrival certification for customs office 0821 but not as the warehouse operator) the freight forwarder must provide a warehouse operator authorization letter (as per Appendix "D") prior to sending arrival certification for Customs office 0821. Prior to participation at new locations, this authorization letter should be forwarded to the CBSA either:

a) by mail

Canada Border Services Agency
Programs Branch
Business Systems Support – Commercial
Electronic Commerce Unit
6th Floor, 250 Tremblay Road
Ottawa, Ontario K1A 0L8

Attn: Manager

b) by FAX: (613) 952-9979, or

c) via e-mail at: ecu.uce@cbsa-asfc.gc.ca

2.2 Testing

Applicants interested in the arrival and/or status query features of RNS must undergo transmission system acceptance testing unless their RNS application software has been registered with the CBSA (refer to subsection 2.3). An Electronic Commerce Unit client representative will coordinate testing. No testing is required where only the 'automatic release' or the 'automatic status notification' option is requested by the participant.

During acceptance testing, the participant is required to satisfy the production requirements by successfully completing a few tests that will verify that data records are capable of being transmitted and received in accordance with the option(s) requested.

2.3 Vendor Registration Request Form

This form is to be used to "register" vendors' application software for use with the RNS. The purpose of the registration would be to eliminate the need to perform extensive testing with each new client intending to use the registered software.

All Value Added Networks (VANs) and/or other software suppliers of RNS services will be eligible to become a registered supplier. It is expected that any software product to be registered will contain the full functionality of RNS as described in the Participants' Requirements Document.

The following describes the approach to be used to achieve the status of a registered vendor:

- The vendor must complete and sign the enclosed RNS Vendor Registration Form in Appendix "A".

- The vendor and/or client will carry out the defined testing procedures with the CBSA.
- Upon successful completion of the application testing, a confirming letter will be issued to the vendor.
- Once registered, the vendor would follow the defined start-up procedures for any new clients.
- If new functionality is added to RNS, registered suppliers would be required to enhance their existing software, and perform necessary testing with the CBSA.
- Once a new version of software is registered, all existing vendor clients could migrate to the upgraded version and enable any new functionality, without further testing.

We encourage all eligible suppliers to register their software, as it will provide benefits to your organization, the importing community, and the CBSA. The primary benefit would be the time and resource savings, for all parties.

3.0 PROBLEM REPORTING, RESOLUTION, BACK UP PROVISIONS, CONTINGENCY PLAN

3.1 Problem Reporting Process

Non-system problems such as participants receiving "not on file" error messages from the CBSA for PARS records should be investigated at the local level. For example, the carrier should contact the importer or broker to determine if the PARS release has indeed been submitted to the CBSA for processing (unless the carrier has already received "Declaration accepted - awaiting goods arrival" or "Transaction awaiting processing" message from the CBSA). When a participant experiences a problem with the system and he suspects that the problem originates with the CBSA, the user may contact the toll free "EDI hotline" number at 1-888-957-7224 to hear a recorded message describing whether or not EDI systems such as RNS are currently being affected by a known problem.

A client wishing to report a problem may call 1-888-957-7224 in order to speak directly to an EDI client representative. The client should supply as much supporting detail as possible, to help track and resolve the problem.

Problems experienced with the system during weekday business hours (i.e., from 7:30 am to 5:00 pm Eastern Time (ET)) are to be reported to the Electronic Commerce Unit. Users calling the ECU after business hours will be advised of any system problems and directed to the emergency pager for assistance.

3.2 Audit Trails & Backup Provisions

The CBSA keeps a backup and audit trail of all transmissions to/from the respective network mailboxes.

Participants should also maintain a back-up and audit trail of all transmissions sent to/from their network mailbox.

3.3 Contingency Plan

If RNS ceases to be available to participants because of some failure of equipment or services, release of commercial goods may take place by alternate means. The CBSA will make every effort to restore RNS to normal operating condition as soon as it is reasonably possible.

The release of goods will be unaffected where release documentation has been submitted to the CBSA by the importer/ broker under the regular paper release process (i.e., freight arrives and importer submits Release on Minimum Documentation (RMD) package to the CBSA for processing). That is, the CBSA will release stamp the delivery authority copy of the cargo document (submitted with the RMD) and return same to carrier or warehouse operator, etc., as per normal procedures. However, the RNS release message would not be transmitted to participant(s) until RNS is available.

Participants (carriers/freight forwarder) must retain the ability to produce hard copy cargo control documents. In the event of disruption of the PARS arrival certification feature of RNS, the participant (who would normally report the PARS shipment) would present two copies (may be photocopies) of the cargo control document to the CBSA. If released, the CBSA stamped copy of the cargo control document would be returned to the participant. If the goods have been referred for examination, normal examination procedures would follow. Once RNS is available, all participants associated with the release record would receive an RNS release message.

The CBSA will endeavour to give users advance notice of any scheduled system outages. Also bulletins are issued via e-mail to inform clients of system problems and the steps being taken to correct them. The "hotline" number at 1-888-957-7224 will be updated with the status of the problem.

4.0 RECORD KEEPING FORMAT

As stated earlier in this document, for those goods released, the CBSA will transmit the "released" status, transaction number, date and time of release, release office code, applicable cargo control number and service option ID (SOID), Sublocation codes, container IDs and delivery instructions. Participants must display the "released" information in a clear manner that could be understood by Customs personnel in the event of a warehouse check or audit. The nature of the document (i.e., "Customs Response/Release Notification Report") should be clearly displayed.

A sample of a release message is provided in Appendix "D". Where the "release message" is used to obtain release of the goods, the sufferance warehouse operator must retain the release information for the same time limits that apply to hard copy documents. Requirements for record retention may be found in Customs Memorandum D4-1-4. Release information maintained in machine-sensible data medium is acceptable provided the medium can be related to the supporting source documents and is supported by a system capable of producing an accessible and readable copy.

APPENDIX A

Vendor Registration Request Form

RELEASE NOTIFICATION SYSTEM
VENDOR REGISTRATION REQUEST FORM

This form must be completed by vendors to request registration of their Release Notification System (RNS) application software with the Canada Border Services Agency (CBSA).

The application software must be a production version and support the full functionality of RNS as defined in the current RNS Participants Requirements Document that includes: receipt of Automatic Release and Automatic Status Notification messages, processing confirmations/error messages and transmission of Arrival Certification and Status Query messages.

1. Company Name: _____

   Type of Business: VAN_____ Software Developers: _____

2. Contact's Name: _____Telephone: (____)_____

   Contact's Title: _____Telephone: (____)_____

   Mailing Address: _____

   _____

3. Product Name:_____

   Product Version Release #:_____ Product Release Date:_____

   Application Operational Platform:_____ Personal Computer: _____

   Network Resident (Interactive): _____ Other: _____

4. Authorizing Signature:

   I _____of _____
   (name of individual) (company name)

   agree to abide by the conditions outlined above and the procedures of the Participants Requirements Document for the purpose of RNS application software registration with the CBSA.

   Signed: _____Date: _____
   (signature) (yy/mm/dd)

Completed forms can be sent :

by FAX:	**by mail:**	**via e-mail:**
(613) 952-9979	Manager, Electronic Commerce Unit Business Systems Support - Commercial Canada Border Services Agency 6th Floor, 250 Tremblay Road Ottawa, Ontario K1A 0L8	ecu.uce@cbsa.gc.ca,

APPENDIX B

Participant Profile Application Form

Participant Profile - Application Form

Instructions for Completion

1. Provide company name and type of business i.e., customs broker, sufferance warehouse operator, freight forwarder, etc.

2. Contact, name and title, address, telephone, and facsimile number for operational matters.

3. Indicate the option for which you are applying, that is; Automatic Release Notification, Arrival Certification, Status Query, and or Automatic Status. For Automatic Release Notification, up to two profiles can be defined, one for combinations of "all" codes, and one for a specific set of codes.

   A. Indicate if "all" or only "specific" carrier codes are required in combination with an account security code. (Normally carriers provide their carrier code and account security holders indicate "all").
   B. Indicate if "all" or only "specific" account security numbers are required in combination with the carrier codes requested. (Normally carriers indicate "all" and account security holders provide their account security code).
   C. Customs office codes required. If not required for "all" offices, provide the "specific" office codes.
   D. Sub-Location codes, identify required Warehouse Ids. The participant will only receive the sub-location code if it is supplied with the inbound EDI release transaction or paper release transaction.

4. Indicate whether the RNS application software was developed in-house or purchased and what is the version of the UN/EDIFACT or ANSI map. If purchased, indicate whether or not the supplier is a registered vendor with the CBSA. If so, name the vendor, the product and the product version or release number and product release date.

5. Indicate the Requested Date for the Profile Implementation

RELEASE NOTIFICATION SYSTEM (RNS) APPLICATION FORM

Completed forms can be sent :		
by FAX:	**by mail:**	**via e-mail:**
(613) 952-9979	Manager, Electronic Commerce Unit Business Systems Support - Commercial Canada Border Services Agency 6th Floor, 250 Tremblay Road Ottawa, Ontario K1A 0L8	ecu.uce@cbsa.gc.ca,

Section I – Applicant Information

Company Profile – select type of business:

Customs Broker		Sufferance Warehouse Operator	
Freight Forwarder		Other:	

Date of application	
Name of applicant (company)	
Address	
City, Province/State, Country	
Contact person and title	
Telephone number	
e-mail	
FAX number	

_____

Company Official's Name (printed)

_____

Company Official's Signature

Section II – RNS Options

In the box below, indicate the option for which you are applying, that is; Automatic Release Notification, Arrival Certification, Status Query, and or Automatic Status.

For Automatic Release Notification, up to two profiles can be defined;
one for combinations of "all" codes,
and one for a specific set of codes.

A. Indicate if "all" or only "specific" carrier codes are required in combination with an account security code. (Normally carriers provide their carrier code and account security holders indicate "all").
B. Indicate if "all" or only "specific" account security numbers are required in combination with the carrier codes requested. (Normally carriers indicate "all" and account security holders provide their account security code).
C. Customs office codes required. If not required for "all" offices, provide the "specific" office codes.
D. Sub-Location codes; identify required Warehouse Ids. The participant will only receive the sub- location code if it is supplied with the inbound EDI release transaction or paper release transaction.

Check (one or more)	Option	Carrier Code	Account Security Number	Office Number	Sub-Location Code
	Automatic RNS Profile # 1				
	Automatic RNS Profile # 2 (optional)				
	Arrival Certification				N/A
	Status Query				N/A
	Automatic Status				N/A

**If more space is required to list specific carrier codes, account security numbers and/or office codes; please provide an attached list and indicate the relevant option.*

SECTION III – COMMUNICATION METHOD INFORMATION

For more information on the approved communication methods, please consult the following link: www.cbsa-asfc.gc.ca/eservices/comm-eng.html

Please select the communication method you will be using to transmit RNS data to the CBSA:

Direct Connect		Value Added Network (VAN)	
Customs Internet Gateway (CIG)		Third Party Service Provider	

Name of service provider or VAN (if applicable)	
Transmission site, mailbox ID or certification number	
Contact person (service provider, VAN)	
Telephone (service provider, VAN)	
FAX (service provider, VAN)	
e-mail (service provider, VAN)	

Which map version will you be using?	96A _____ 99B_____ ANSI_____
In which official language do you wish to receive your output transmissions?	English _____ French _____
Requested implementation date	

EXAMPLE OF COMPLETED

RELEASE NOTIFICATION SYSTEM (RNS) APPLICATION FORM

Completed forms can be sent :		
by FAX:	**by mail:**	**via e-mail:**
(613) 952-9979	Manager, Electronic Commerce Unit Business Systems Support - Commercial Canada Border Services Agency 6th Floor, 250 Tremblay Road Ottawa, Ontario K1A 0L8	ecu.uce@cbsa.gc.ca,

Section I – Applicant Information

Company Profile – select type of business:

Customs Broker		Sufferance Warehouse Operator	
Freight Forwarder	X	Other:	

Date of application	October 1, 2011
Name of applicant (company)	ABC Trucking Ltd
Address	3454 Millar Rd., Unit 5
City, Province/State, Country	Mississauga, Ontario, Canada
Contact person and title	John Smith, Operations Manager
Telephone number	905-123-3456
e-mail	jsmith@abctrucking.com
FAX number	905-123-3457

_____

Company Official's Name (printed)

_____

Company Official's Signature

Section II – RNS Options

In the box below, indicate the option for which you are applying, that is; Automatic Release Notification, Arrival Certification, Status Query, and or Automatic Status.

For Automatic Release Notification, up to two profiles can be defined;
one for combinations of "all" codes,
and one for a specific set of codes.

A. Indicate if "all" or only "specific" carrier codes are required in combination with an account security code. (Normally carriers provide their carrier code and account security holders indicate "all").
B. Indicate if "all" or only "specific" account security numbers are required in combination with the carrier codes requested. (Normally carriers indicate "all" and account security holders provide their account security code).
C. Customs office codes required. If not required for "all" offices, provide the "specific" office codes.
D. Sub-Location codes; identify required Warehouse Ids. The participant will only receive the sub- location code if it is supplied with the inbound EDI release transaction or paper release transaction.

Check (one or more)	Option	Carrier Code	Account Security Number	Office Number	Sub-Location Code
X	Automatic RNS Profile # 1	All	All	n/a	4321
X	Automatic RNS Profile # 2 (optional)	2222	All	496, 498, 499	4312
	Arrival Certification				N/A
	Status Query				N/A
	Automatic Status				N/A

**If more space is required to list specific carrier codes, account security numbers and/or office codes; please provide an attached list and indicate the relevant option.*

SECTION III – COMMUNICATION METHOD INFORMATION

For more information on the approved communication methods, please consult the following link: www.cbsa-asfc.gc.ca/eservices/comm-eng.html

Please select the communication method you will be using to transmit RNS data to the CBSA:

Direct Connect		Value Added Network (VAN)	X
Customs Internet Gateway (CIG)		Third Party Service Provider	

Name of service provider or VAN (if applicable)	Global Carrier Network International (GCNI)
Transmission site, mailbox ID or certification number	ABC12345
Contact person (service provider, VAN)	Jane Jones
Telephone (service provider, VAN)	1-800-555-1212
FAX (service provider, VAN)	1-800-555-3434
e-mail (service provider, VAN)	techsupport@gcni.com

Which map version will you be using?	96A _____ 99B__X___ ANSI_____
In which official language do you wish to receive your output transmissions?	English __X___ French _____
Requested implementation date	December 1, 2011

APPENDIX C

Sample Authorization Letters

RNS
Sample Authorization Letter A

Example of Authorization for Carrier/Freight Forwarder to Provide Arrival Certification On Behalf of Warehouse Operator

Letterhead of Cargo Handler

Canada Border Services Agency

To Whom it may concern:

DEF Warehouse Ltd., is the sufferance warehouse operator for ABC Freight Forwarder at Pearson International Airport, Customs office 0497.

The warehouse facilities are located at 123 Airport Rd., Mississauga, Ontario.

DEF Warehouse Ltd., fully understands the procedures and process for the PARS Arrival feature of the Release Notification System.

DEF Warehouse authorizes ABC Freight Forwarder to provide arrival certification to the Canada Border Services Agency. It is understood between DEF Warehouse Ltd. and ABC Freight Forwarder that arrival certification for shipments processed under this system will not be transmitted to the CBSA until the goods have arrived according to the authorized time frames. It is also understood that goods will not be released from DEF Warehouse until ABC Freight Forwarder has supplied a copy of a Release Notification Message from the CBSA to the DEF Warehouse Operator.

Signature, name and title of authorized person.

RNS
Sample Authorization Letter B

Example of Authorization Letter for Sufferance Warehouse Operator to Receive Automatic Release Notification for Carrier Code

Letterhead of Carrier/Freight Forwarder

Mr. John Smith
ABC Warehouse Ltd.
1123 Dixon Road
Toronto, Ontario
M3C 2K1

Dear Mr. Smith:

XYZ Carrier Ltd., authorizes ABC Warehouse Ltd., to receive automatic notification of customs release of goods under the Release Notification System for carrier code 1234 for Customs office 0232.

Signature, name and title of authorized personnel.

RNS
Sample Authorization Letter C

Example of Authorization Letter for a Service Provider to Receive Automatic Release Notification on Behalf of a Sufferance Warehouse Operator

Letterhead of Sufferance Warehouse Operator

Mr. John Smith
ABC Customs Brokers Ltd.
1123 Dixon Road
Toronto, Ontario
M3C 2K1

Dear Mr. Smith:

XYZ Sufferance Warehouse Operators, authorizes ABC Customs Brokers Ltd., to receive automatic notification of customs release of goods under the Release Notification System for sufferance warehouse sub-location code 1234.

Signature, name and title of authorized personnel.

APPENDIX D

Sample of Release Message

RNS

Sample of Release Message

CANADA CUSTOMS RESPONSE/RELEASE NOTIFICATION REPORT

RELEASE DATE:	2011:05:29
RELEASE TIME:	14:23:06
SOID:	257
TRANSACTION:	12343454657676
CARGO NUMBER:	21TN12345454
RELEASE OFFICE:	0497
SUB-LOCATION:	4321
CONTAINER ID.	ABCD123456789
DEL. INSTRUCT:	HOLD FOR PICK UP BY ABC CARTAGE
RELEASE CODE:	4 - GOODS RELEASED

APPENDIX E

CUSREP and CUSRES Message Maps (version 96.A)

Explanation of Message Map Columns

The message maps contain a number of information columns for each data element. The function and the values of the columns are described below.

Segment/Element 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.

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 EDIFACT 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, for example:

UN/EDIFACT Definitions:				Mapping Definitions:			
Seg	Pos	Element Pos		Seg	Pos	Element Pos	
0010	UNH		Message Header	0010	UNH		Message Header
	0062	10	Message Reference Number		0062	1	Message Reference Number
	S009	20	Message Identifier		S009	2	Message Identifier
	0065		Message Type		0065	2.1	Message Type
	0052		Message Version Number		0052	2.2	Message Version Number
	0054		Message Release Number		0054	2.3	Message Release Number
	0051		Controlling Agency		0051	2.4	Controlling Agency

Data Element Name

This column provides the name of the CBSA Segment, Composite, Component or Simple Data elements, derived from the UN/EDIFACT directories.

Notes, Conditions and Descriptions

This column provides notes and/or descriptions on the Segment Groups, Segments and individual data elements. It will also identify the application data elements associated with the EDIFACT data elements. In many cases mandatory EDIFACT codes are used to qualify the data element being supplied. In these cases, the descriptions of the EDIFACT code 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 or 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 minimum 9 characters, up to 15 allowed

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.

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 cases more than one syntax character has been specified after a particular data element.

Err Resp, Status, Non CSA, CSA, etc
Depending on the message requirement, different rules of "mandatory" or "conditional" use of a data element may apply. In addition, a hierarchy of rules applies; 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 than 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 condition for this element applies.
M3 - A number after the condition indicates the number of occurrences at the segment level.
n/a- Not applicable for the particular message type.

ARRIVAL CERTIFICATION/STATUS QUERY MESSAGE

EDIFACT/CUSREP

(Version 96.A)

ARRIVAL CERTIFICATION/STATUS QUERY MESSAGE
Version 96.A

EDIFACT/CUSREP MESSAGE MAP

1.0 INTRODUCTION

The following CUSREP message map defines the data elements and structure associated with the Arrival Certification/Status Query messages. A single message structure is used to allow clients to transmit the following message types:

- **Arrival Certification Only** - normally submitted by a warehouse operator to certify arrival of goods. A CBSA Response (CUSRES) message is returned to identify the status of the goods (e.g., Released, or Examination Required).

- **Status Query** - submitted by a warehouse operator to determine the status of a particular transaction or cargo control number. A CBSA Response (CUSRES) message is returned to identify the status of the goods (e.g. Released, or Examination Required).

This message has been designed using the international standard UN/EDIFACT (United Nations/Electronic Data Interchange For Administration Commerce and Transport), production Version 96.A.

2.0 MESSAGE STRUCTURE

INTERCHANGE HEADER	**UNB**		
GROUP HEADER	**UNG**		
MESSAGE HEADER	**UNH**	┐	
MESSAGE FUNCTION	**BGM**	|	
ARRIVAL DATE/TIME	**DTM**	|	Multiple CUSREP Messages can be submitted within a Group.
TRANSACTION NUMBER or	**GR#1**	|	
CARGO CONTROL NUMBER	**RFF**	|	
	GR#2	|	
PORT OF CLEARANCE	**LOC**	|	
MESSAGE TRAILER		**UNT** ┘	
GROUP TRAILER	**UNE**		
INTERCHANGE TRAILER	**UNZ**		

Arrival Certification/Status Query Message (EDIFACT/CUSREP) Version 96.A								
Segment/ Element ID.	**Segment/ Element position**	**Data Element Name**	**Notes, Conditions and Descriptions**	**Data Type/ Size**	**Codes and Values**	**Default Syntax**	**Status Non-CSA**	**Status CSA**
UNB		**INTERCHANGE HEADER**		a3	UNB	+	M1	M1
S001	1	SYNTAX IDENTIFIER						
0001	1.1	Syntax Identifier		a4	UNOA	:	M	M
0002	1.2	Syntax version number		n1	2	+	M	M
S002	2	INTERCHANGE SENDER						
0004	2.1	Sender Identification	Note that if there is no mailbox ID qualifier, then the default syntax for this element should be a "+" instead of a ":"	an..35	Client's Network Mailbox Id.	:	M	M
0007	2.2	Partner identification code qualifier		an..4	Client's Network Mailbox ID qualifier, if applicable	+	C	C
S003	3	INTERCHANGE RECIPIENT						
0010	3.1	Recipient Id.	Note that if there is no mailbox ID qualifier, then the default syntax for this element should be a "+" instead of a ":"	an..35	CBSA Network Id.	:	M	M
0007	3.2	Partner identification code qualifier		an..4	Network Mailbox ID qualifier, if applicable	+	C	C
S004	4	DATE/TIME OF PREPARATION						
0017	4.1	Date	Generated by Translator	n6	YYMMDD	:	M	M
0019	4.2	Time	Generated by Translator	n4	HHMM	+	M	M
0020	5	INTERCHANGE CONTROL REFERENCE NUMBER	CBSA strongly recommends that every interchange for a particular client have a unique reference number, which will make document tracking much more effective	an..14	Unique reference assigned by sender	++	M	M
0026	7	APPLICATION REFERENCE		a6	CUSREP	'	C	C
UNG		**FUNCTIONAL GROUP HEADER**	Multiple CUSREP messages can be sent within a group.	a3	UNG	+	M1	M1
0038	1	FUNCTIONAL GROUP ID.		a6	CUSREP	+	M	M

Arrival Certification/Status Query Message (EDIFACT/CUSREP) Version 96.A								
Segment/ Element ID.	**Segment/ Element position**	**Data Element Name**	**Notes, Conditions and Descriptions**	**Data Type/ Size**	**Codes and Values**	**Default Syntax**	**Status Non-CSA**	**Status CSA**
S006	2	APPLICATION SENDERS ID.						
0040	2.1	Senders Id.		an..35	Defined by Client	+	M	M
S007	3	APPLICATION RECIPIENTS ID.						
0044	3.1	Recipients Id.		a7	PARSTST = Application Testing PARSPDN = Production	+	M	M
S004	4	DATE/TIME OF PREPARATION						
0017	4.1	Date	Generated by Translator	n6	YYMMDD	:	M	M
0019	4.2	Time	Generated by Translator	n4	HHMM	+	M	M
0048	5	FUNCTIONAL GROUP REFERENCE NUMBER	Generated by Translator	an..14	Unique reference assigned by sender	+	M	M
0051	6	CONTROLLING AGENCY		a2	UN	+	M	M
S008	7	MESSAGE VERSION						
0052	7.1	Message Version Number		a1	D	:	M	M
0054	7.2	Message Release Number		an3	96A	'	M	M
UNH		**MESSAGE HEADER**		a3	UNH	+	M1	M1
0062	1	MESSAGE REFERENCE NUMBER	Generated By Translator	an..14	Unique reference assigned by sender	+	M	M
S009	2	MESSAGE IDENTIFIER						
0065	2.1	Message Type	Default	a6	CUSREP	:	M	M
0052	2.2	Message Version Number	Production Use Status	a1	D	:	M	M
0054	2.3	Message Release Number	Directory Ver. 96.A	an3	96A	:	M	M
0051	2.4	Controlling Agency	United Nations (upper case)	a2	UN	'	M	M
BGM		**BEGINNING OF MESSAGE**		a3	BGM	+	M1	M1
C002	1	DOCUMENT MESSAGE NAME						

Arrival Certification/Status Query Message (EDIFACT/CUSREP) Version 96.A								
Segment/ Element ID.	**Segment/ Element position**	**Data Element Name**	**Notes, Conditions and Descriptions**	**Data Type/ Size**	**Codes and Values**	**Default Syntax**	**Status Non-CSA**	**Status CSA**
1001	1.1	Document Message Name	Supply appropriate code for Message Function.	n3	631= Arrival Notice 931= CSA Release 998 = Status Query	For non-CSA ' For CSA ++	M	M
1225	3.1	Message function, coded		n1	1 – cancellation 4 – change 9 - original	‘	n/a	M
DTM		**DATE/TIME/ PERIOD**		a3	DTM	+	M1	M1
C507	1	DATE/TIME/PERIOD						
2005	1.1	Date/Time/Period qualifier		n3	132 = {Arrival Date/Time}	:	M	M
2380	1.2	Date/Time/Period	Must be transmitted for all CUSREP messages. For Status Query provide current Date/Time.	n12	CCYYMMDDHHMM	:	M	M
2379	1.3	D/T/P Format Qualifier	{EDIFACT qualifier}	n3	203	'	M	M
GR#1 RFF		**REFERENCE**		a3	RFF	+	M1	M1
C506	1	**REFERENCE**						
1153	1.1	Reference Qualifier	Supply appropriate code for reference number supplied.	a..3	ABT ={Cargo Control Number} TN = {Transaction Number, for status query only}	:	M	M
1154	1.2	Reference Number	One or the other must be supplied. CCN to be used in Arrivals or Status Query Transaction No. to be used in Status Query only	an..25	CCN or Transaction Number.	‘	M	M
RFF		**REFERENCE**		a3	RFF	+	n/a	M1
C506	1	**REFERENCE**						
1153	1.1	Reference Qualifier		a..3	ADZ =Importer number	:	n/a	M
1154	1.2	Reference Number		an..15	Importer Business Number Format 123456789RM0001	‘	n/a	M
GR#2 LOC		**LOCATION**		a3	LOC	+	C1	M1
3227	1	PLACE/LOCATION QUALIFIER		n2	14 = {Location of Goods}	+	M	M

Arrival Certification/Status Query Message (EDIFACT/CUSREP) Version 96.A								
Segment/ Element ID.	**Segment/ Element position**	**Data Element Name**	**Notes, Conditions and Descriptions**	**Data Type/ Size**	**Codes and Values**	**Default Syntax**	**Status Non-CSA**	**Status CSA**
C517	2	PLACE/LOCATION IDENTIFIER						
3225	2.1	Place/Location Id.	Customs Release Office code for Port of Clearance Arrival - Mandatory Status Query - not required	n4	CBSA Office Code for port of clearance	:	C	C
1131	2.2	Code List Qualifier		an3	129 – CBSA Warehouse	::	n/a	C
3224	2.4	Place/Location		n4	CBSA sub-location code	‘	n/a	C
UNT		**MESSAGE TRAILER**		a3	UNT	+	M1	M1
0074	1	NUMBER OF SEGMENTS IN MESSAGE	Generated by Translator	n..6	Variable	+	M	M
0062	2	MESSAGE REFERENCE NUMBER	Same as UNH 0062	an..14	Unique	'	M	M
UNE		**FUNCTIONAL GROUP TRAILER**		a3	UNE	+	M1	M1
0060	1	NUMBER OF MESSAGES	Generated by Translator # of messages in group.	n..6	Variable	+	M	M
0048	2	FUNCTIONAL GROUP REFERENCE NUMBER	Same as UNG 0048	an..14	Unique	'	M	M
UNZ		**INTERCHANGE TRAILER**		a3	UNZ	+	M1	M1
0036	1	INTERCHANGE CONTROL COUNT	Generated by Translator	n..6	Variable	+	M	M
0020	2	INTERCHANGE CONTROL REFERENCE NUMBER	Same as UNB 0020	an..14	Unique	'	M	M

RESPONSE MESSAGE

RELEASE NOTIFICATION MESSAGE

EDIFACT/CUSRES

(Version 96.A)

EDIFACT/CUSRES MESSAGE MAP - CBSA RESPONSE MESSAGE

1.0 INTRODUCTION

This CUSRES message map defines the data elements and structure associated to a CBSA Response Message, used to supply release notification information. A single message structure or "framework" has been created which allows clients to receive a single message type for multiple Customs EDI applications.

- **Positive Responses** - to Status Query Messages.
- **Error Responses** - to Arrival or Status Query messages.
- **Release Notices** - in response to Arrival Certification Messages and Automatic release messages.

2.0 MATRIX OF DATA ELEMENT USAGE

The following table provides an overview of the data element functionality and usage within the CBSA Response message.

CANADA CUSTOMS RESPONSE MESSAGE (EDIFACT/CUSRES 96.A)			
SEGMENT/ DATA ELEMENT	**POSITIVE ACKNOWLEDGE MESSAGES** Query	**ERROR RESPONSE MESSAGES** Arrival	**RELEASE STATUS MESSAGES**
UNB	**M1**	**M1**	**M1**
UNG	**M1**	**M1**	**M1**
UNH	**M1**	**M1**	**M1**
BGM	**M1**	**M1**	**M1**
Service Option Id.			M
Transaction Number (See Note #1)	C		M
LOC	**C1**	**M1**	**M1**
Port of Clearance, Coded	M	M	M
Sub-Location, Coded (Warehouse Id.) (See Note #2)			C
DTM			

CANADA CUSTOMS RESPONSE MESSAGE (EDIFACT/CUSRES 96.A)			
SEGMENT/ DATA ELEMENT	**POSITIVE ACKNOWLEDGE MESSAGES** Query	**ERROR RESPONSE MESSAGES** Arrival	**RELEASE STATUS MESSAGES**
Processing or Release Date/Time		M	M
GIS	**M1**	**M1**	**M1**
Processing Indicator, Coded	M	M	M
FTX (See Note #3)			**C1**
Delivery Instructions			m
EQD			**C99**
Container Id. (See Note #3)			m
ERP		**M1**	
Message Ref. Number		C	
Reject Type		M	
ERC		**M1**	
Reject Reason Code(s)		M	
RFF			**M1**
Cargo Control Number (Note #1)	C	C	M
UNT	**M1**	**M1**	**M1**
UNE	**M1**	**M1**	**M1**
UNZ	**M1**	**M1**	**M1**

See following "Notes".

NOTE #1 - In the case of Arrival Notice ERRORS, only the CCN is returned.

NOTE #2 - The sub-location code will only be included if; 1) it was supplied within an inbound EDI release transaction, or 2) it was keyed-in by a Customs Inspector from a paper RMD package.

NOTE #3 - Delivery instructions and container IDs will only be included if they were supplied within an inbound EDI release transaction.

2.1 MESSAGE STRUCTURE

INTERCHANGE HEADER	**UNB**
GROUP HEADER	**UNG**
MESSAGE HEADER	**UNH**

TRANSACTION NUMBER SERVICE OPTION ID. MESSAGE FUNCTION	**BGM**		
PORT OF CLEARANCE WAREHOUSE ID.	**LOC**		
RELEASE or PROCESSING DATE/TIME	**DTM**		
PROCESSING INDICATOR	**GIS**		
DELIVERY INST. or REJECT COMMENTS	**FTX**		
CONTAINER ID.	**EQD**	Repeats up to 99 times.	
REJECT TYPE ERROR MSG. REF. #	**ERP**		Included if Error or Reject applies.
REJECT REASON CODES	**ERC**	Once	
CARGO CONTROL NUMBER	**RFF**		
MESSAGE TRAILER	**UNT**		
GROUP TRAILER	**UNE**		
INTERCHANGE TRAILER	**UNZ**		

CBSA Response Message (EDIFACT/CUSRES) Version 96.A								
Segment/ Element ID.	Segment/ Element Position	Data Element Name	Notes, Conditions and Descriptions	Data Type/ Size	Codes and Values	Default Syntax	Error Response	RNS
UNB		**INTERCHANGE HEADER**		a3	UNB	+	M1	M1
S001	1	SYNTAX IDENTIFIER						
0001	1.1	Syntax Identifier		a4	UNOA	:	M	M
0002	1.2	Syntax Version Number		n1	2	+	M	M
S002	2	INTERCHANGE SENDER						
0004	2.1	Sender Identification		an..35	CBSA Network Id.	:	M	M
0007	2.2	Partner identification code qualifier		an..4	CBSA Network Mailbox ID qualifier, if applicable	+	C	C
S003	3	INTERCHANGE RECIPIENT						
0010	3.1	Recipient Id.		an..35	Client Network Id.	:	M	M
0007	3.2	Partner identification code qualifier		an..4	Network Mailbox ID qualifier, if applicable	+	C	C
S004	4	DATE/TIME OF PREPARATION						
0017	4.1	Date	Generated by Translator	n6	YYMMDD	:	M	M
0019	4.2	Time	Generated by Translator	n4	HHMM	+	M	M
0020	5	INTERCHANGE CONTROL REFERENCE NUMBER	Generated by Translator	an..14	Unique reference assigned by sender	++	M	M
0026	7	APPLICATION REFERENCE		a6	CUSRES	'	C	C
UNG		**FUNCTIONAL GROUP HEADER**	Multiple responses can be sent within a group.	a3	UNG	+	M1	M1
0038	1	FUNCTIONAL GROUP ID.		a6	CUSRES	+	M	M
S006	2	APPLICATION SENDERS ID.						

CBSA Response Message (EDIFACT/CUSRES) Version 96.A

Segment/ Element ID.	Segment/ Element Position	Data Element Name	Notes, Conditions and Descriptions	Data Type/ Size	Codes and Values	Default Syntax	Error Response	RNS
0040	2.1	Senders Identification	CCR = Canada Customs Response	a3	CCR	+	M	M
S007	3	APPLICATION RECIPIENTS ID.						
0044	3.1	Recipients Identification		an..35	Mutually defined	+	M	M
S004	4	DATE/TIME OF PREPARATION						
0017	4.1	Date	Generated by Translator	n6	YYMMDD	:	M	M
0019	4.2	Time	Generated by Translator	n4	HHMM	+	M	M
0048	5	FUNCTIONAL GROUP REFERENCE NUMBER	Generated by Translator	an..14	Unique	+	M	M
0051	6	CONTROLLING AGENCY		a2	UN	+	M	M
S008	7	MESSAGE VERSION						
0052	7.1	Message Version Number	Draft Status	a1	D	:	M	M
0054	7.2	Message Release Number	Directory Version 96.A	an3	96A	'	M	M
UNH		**MESSAGE HEADER**		a3	UNH	+	M1	M1
0062	1	MESSAGE REFERENCE NUMBER	Generated By Translator	an..14	Unique	+	M	M
S009	2	MESSAGE IDENTIFIER						
0065	2.1	Message Type	Default	a6	CUSRES	:	M	M
0052	2.2	Message Version Number	Draft Status	a1	D	:	M	M
0054	2.3	Message Release Number	Directory Ver. 96.A	an3	96A	:	M	M
0051	2.4	Controlling Agency	United Nations (uppercase)	a2	UN	'	M	M
BGM		**BEGINNING OF MESSAGE**		a3	BGM	+	M1	M1
C002	1	DOCUMENT MESSAGE NAME				:::		

CBSA Response Message (EDIFACT/CUSRES) Version 96.A								
Segment/ Element ID.	Segment/ Element Position	Data Element Name	Notes, Conditions and Descriptions	Data Type/ Size	Codes and Values	Default Syntax	Error Response	RNS
1000	1.4	Document Message Name	Service Option ID	n..3	34 = Aerospace 67 = Enter to Arrive, paper 117 = PARS, paper 125 = PARS, EDI 174 = RMD, paper 232 = Value Included, paper 257 = RMD, EDI 331 = Cash, paper 455 = Appraisal Quality, EDI 463 = PARS (OGD Trans.) 471 = RMD (OGD Trans.) 489 = Generic Arrival / Query response 497 = CSA highway paper 505 = CSA EDI rail 513 = CSA EDI highway 521 = CSA non-highway paper	+	M	M
1004	2.1	DOCUMENT MESSAGE NUMBER	Transaction, Cargo Control or Shipment number	an..25		+	M	M
1225	3.1	Message Function, Coded		an..3	11	'	M	M
LOC		**PLACE/LOCATION**		a3	LOC	+	C1	M1
3227	1	PLACE/LOCATION QUALIFIER	{CBSA Office of Clearance}	n2	22	+	C	M
C517	2	LOCATION ID.						
3225	2.1	Place/Location Identification	CBSA office code.	n4	Release Office #	:	C	M
1131	2.2	Code List Qualifier	{Customs Warehouse}	n3	129	::	C	C
3224	2.4	Place/Location	If supplied with inbound Release Trans., or Keyed by Customs Inspector.	n4	Warehouse Code	'	C	C
DTM		**DATE/TIME/PERIOD**		a3	DTM	+	M1	M1
C507	**1**	**DATE/TIME/PERIOD**						
2005	1.1	Date/Time/Period qualifier		n..2	9 = {Processing Date} 58= {Release Date}	:	M	M

CBSA Response Message (EDIFACT/CUSRES) Version 96.A								
Segment/ Element ID.	Segment/ Element Position	Data Element Name	Notes, Conditions and Descriptions	Data Type/ Size	Codes and Values	Default Syntax	Error Response	RNS
2380	1.2	Date/Time/Period	Processing date and time for G1S2, G1S5, G1S9, GIS34 and for error responses Release date and time for G1S4 & GIS8	n12	CCYYMMDDHHMM	:	M	M
2379	1.3	D/T/P Format Qualifier	{EDIFACT qualifier}	n3	203	'	M	M
GIS		**GENERAL INDICATOR**	This GIS applies to RNS or CUSREP Arrival messages.	a3	GIS	+	M1	M1
C529	**1**	**PROCESSING INDICATOR**						
7365	1.1	Processing Indicator, Coded		n..3	1 = Message Content Accepted 2 = Message Content Rejected with comment 4 = Goods Released 5 = Goods required for examination - referred 8 = Goods May Move, Detain at Destination (CFIA) 9 = Declaration Accepted, Awaiting arrival of goods. 14 = Error message 23=Authorised to deliver – CSA Shipment 34=Declaration Accepted, Awaiting Customs Processing	'	M	M
FTX		**FREE TEXT**		a3	FTX	+	C1	C1
4451	1	TEXT SUBJECT QUALIFIER	{Party Instructions}	a3	AAG – Party Instructions AAO – Error Text	+++	M	M
C108	**4**	**TEXT LITERAL**						
4440	4.1	Free Text	If provided in EDI Release message	an..70	Free Text, 1 to 70 characters.	:	M	M
4440	4.2	Free Text	If provided in EDI Release message	an..70	Free Text, 71 to 140 characters.	'	C	C

CBSA Response Message (EDIFACT/CUSRES) Version 96.A								
Segment/ Element ID.	Segment/ Element Position	Data Element Name	Notes, Conditions and Descriptions	Data Type/ Size	Codes and Values	Default Syntax	Error Response	RNS
EQD		**EQUIPMENT DETAILS**	When goods are containerized, container no. must be provided and up to 99 container numbers may be included if transmitted with inbound EDI Release Transaction.	a3	EQD	+	n/a	C99
8053	1	EQUIPMENT QUALIFIER	{Container Number}	a2	CN	+	n/a	M
C237	2	EQUIPMENT IDENTIFICATION						
8260	2.1	Equipment Identification Number	Container Number	an..14		'	n/a	M
Segment group 1							M1	M1
ERP		**ERROR POINT DETAILS**		a3	ERP	+	C1	n/a
C701	1	ERROR POINT DETAILS						
1049	1.1	Message Section, Coded	Default value.	n1	2 = Detail	:	M	n/a
1052	1.2	Message Item Number	In the case of a syntax error, will contain the UNH 0062 - Message Reference Number.	an..14	Senders Message Reference Number	:	C	n/a
1054	1.3	Message Sub-Item Number		n2	20 = Administration 21 = Enforcement 22 = Conformance 28 = Batch Error 29 = Data Error	'	M	n/a
ERC		**APPLICATION ERROR INFORMATION**		a3	ERC	+	M1 C49	n/a
C901	1	APPLICATION ERROR DETAIL						

CBSA Response Message (EDIFACT/CUSRES) Version 96.A								
Segment/ Element ID.	Segment/ Element Position	Data Element Name	Notes, Conditions and Descriptions	Data Type/ Size	Codes and Values	Default Syntax	Error Response	RNS

9321	1.1	Application Error, Coded		an..3	01 = CCN not on file
					02 = Trans. # not on file
					03 = Duplicate Arrival Notice - CCN already released
					04 = Invalid arrival or delivery/query message
					05 = Neither CCN nor Transaction # provided
					06 = Invalid Office Code
					07 = CCN already released/ referred, Delivery Inst./ Status Query not accepted
					08 = EDIFACT conformance check error
					09 = Arrival office does not match release office
					10 = CCN exceeds maximum size
					11 = Arrival by Trans. # not permitted
					12 = Invalid Code
					14 = Arrival date is future dated
					15 = Cannot arrive, goods already released & acquitted
						'	M	n/a

Segment group 5							M1	M1
RFF		**REFERENCE**		a3	RFF	+	C1	M1
C506	1	REFERENCE						M
1153	1.1	Reference Qualifier		a2	XC = {Cargo Control Number}	:	C	M
1154	1.2	Reference Number		an..25	Assigned CCN	'	C	M
UNT		**MESSAGE TRAILER**		a3	UNT	+	M1	M1

CBSA Response Message (EDIFACT/CUSRES) Version 96.A								
Segment/ Element ID.	Segment/ Element Position	Data Element Name	Notes, Conditions and Descriptions	Data Type/ Size	Codes and Values	Default Syntax	Error Response	RNS
0074	1	NUMBER OF SEGMENTS IN MESSAGE	Generated by Translator	n..6	Variable	+	M	M
0062	2	MESSAGE REFERENCE NUMBER	Same as UNH 0062	an..14	Unique	'	M	M
UNE		**FUNCTIONAL GROUP TRAILER**		a3	UNE	+	M1	M1
0060	1	NUMBER OF MESSAGES	Generated by Translator # of messages in group.	n..6	Variable	+	M	M
0048	2	FUNCTIONAL GROUP REFERENCE NUMBER	Same as UNG 0048	an..14	Unique	'	M	M
UNZ		**INTERCHANGE TRAILER**		a3	UNZ	+	M1	M1
0036	1	INTERCHANGE CONTROL COUNT	Generated by Translator	n..6	Variable	+	M	M
0020	2	INTERCHANGE CONTROL REFERENCE NUMBER	Same as UNB 0020	an..14	Unique	'	M	M

APPENDIX F

CUSREP and CUSRES Message Maps (version 99.B)

ARRIVAL CERTIFICATION/STATUS QUERY MESSAGE

EDIFACT/CUSREP

(Version 99.B)

Glossary of Data Elements for CSA EDI – Arrival

Element Name	Element Description	Rules and Conditions
Arrival Date and Time DTM Date/Time/Period value	The date and time of arrival at the Canadian border.	Mandatory.
Cargo Control Number (Transport Document Number) RFF Reference Number	A unique carrier-assigned number, the first four digits being the carrier code, which identifies a specific cargo report.	Mandatory.
Importer Business Number RFF Reference Number, second segment	A unique 15-digit number which identifies the importer for customs purposes and the fact that this is a CSA shipment for ACROSS processing.	Mandatory for CSA shipments.
Port of Entry (Port of Release/ clearance) LOC(14) place/location id	Customs office code where a specific cargo report will be acquitted and the goods will be released or authorized to deliver. Equivalent to port of release.	Mandatory.
Sub-work location (Canada Customs Sub-location) LOC(129) place/location	Code for a Customs approved warehouse/facility where a specific cargo report will be acquitted and the goods will be released or authorized to deliver. This must be where the goods will be actually located. Also the Customs assigned Sub-work location code of a CSA carrier's break bulk/terminal facility where all non-border released/authorized to deliver shipments will be authorized to move to.	Mandatory. Carrier must specify the appropriate Sub-work location code if the goods are physically located at a Customs approved warehouse/facility at the time the request for release or authorization to deliver is submitted. Also the Customs assigned Sub-work location code of a CSA carrier's break bulk/terminal facility where all non-border released/authorized to deliver shipments will be authorized to move to.

1.0 INTRODUCTION

This message map defines the data elements and structure associated with Electronic Data Interchange (EDI) messages that will be sent by a participant to the Canada Border Services Agency to report the arrival of a shipment or to query on the status of a shipment. This message will also be used in conjunction with the Custom's Self Assessment (CSA) Project to report the arrival of qualifying CSA shipments.

This message has been designed using the international standard UN/EDIFACT (United Nations/Electronic Data Interchange For Administration Commerce and Transport), Version 99B.

2.0 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 arrival or preparation
  - Segment Group 1
    - RFF - Reference
      - Provides the Cargo Control Number or Transaction Number
  - Segment Group 1 (Repeats only for CSA Arrivals)
    - RFF - Reference
      - Provides the Importer's Business Number
  - Segment Group 2
    - LOC Place / Location Identification
      - Provides the Customs' code for the port of release
  - UNT - Message Trailer
- UNE - Functional Group Trailer

UNZ - Interchange Trailer

Arrival Certification/Status Query Message (EDIFACT/CUSREP) Version 99.B								
Segment / Element ID.	Segment / Element Position	Data Element Name	Notes, Conditions and Descriptions	Data Type/ Size	Codes and Values	Default Syntax	Non CSA	CSA
UNB		Interchange Header		a3	UNB	+	M1	M1
S001	1	SYNTAX IDENTIFIER						
0001	1.1	Syntax identifier		a4	UNOA	:	M	M
0002	1.2	Syntax version number		n1	3	+	M	M
S002	2	INTERCHANGE SENDER						
0004	2.1	Sender identification	Note that if there is no mailbox ID qualifier, then the default syntax for this element should be a "+" instead of a ":"	an..35	Client's Network Mailbox ID	:	M	M
0007	2.2	Partner identification code qualifier		an..4	Network Mailbox ID qualifier, if applicable	+	C	C
S003	3	INTERCHANGE RECIPIENT ID						
0010	3.1	Recipient Identification	Note that if there is no mailbox ID qualifier, then the default syntax for this element should be a "+" instead of a ":"	an..35	CBSA Network Mailbox ID	:	M	M
0007	3.2	Partner identification code qualifier	CBSA Network Mailbox ID qualifier, if applicable	an..4	Network Mailbox ID qualifier, if applicable	+	C	C
S004	4	DATE\TIME OF PREPARATION						
0017	4.1	Date	Format should be YYMMDD	n6		:	M	M
0019	4.2	Time	Format should be HHMM	n4		+	M	M
0020	5	INTERCHANGE CONTROL REFERENCE	CBSA strongly recommends that every interchange for a particular client have a unique reference number, which will make document tracking much more effective	an..14	Unique Reference Number	++	M	M
0026	7	APPLICATION REFERENCE		a6	CUSREP	'	C	C
UNG		Functional Group Header		a3	UNG	+	M1	M1
0038	1	FUNCTIONAL GROUP IDENTIFIER		a6	CUSREP	+	M	M
S006	2	APPLICATION SENDER'S IDENTIFICATION						
0040	2.1	Application sender's identification	Defined by Client	an..35		+	M	M
S007	3	APPLICATION RECIPIENT'S IDENTIFICATION						

Arrival Certification/Status Query Message (EDIFACT/CUSREP) Version 99.B								
Segment / Element ID.	Segment / Element Position	Data Element Name	Notes, Conditions and Descriptions	Data Type/ Size	Codes and Values	Default Syntax	Non CSA	CSA
0044	3.1	Recipient's identification		a7	PARSTST = Application Testing PARSPDN = Production	+	M	M
S004	4	DATE\TIME OF PREPARATION						
0017	4.1	Date	Format should be YYMMDD	n6		:	M	M
0019	4.2	Time	Format should be HHMM	n4		+	M	M
0048	5	FUNCTIONAL GROUP REFERENCE NUMBER	This reference number must be unique within the interchange (UNB -UNZ) of Groups (UNG - UNE)	an..14	Unique Reference Number	+	M	M
0051	6	CONTROLLING AGENCY		a2	UN	+	M	M
S008	7	MESSAGE VERSION						
0052	7.1	Message version number		a1	S	:	M	M
0054	7.2	Message release number		an3	99B	'	M	M
UNH		Message Header		a3	UNH	+	M1	M1
0062	1	MESSAGE REFERENCE NUMBER	This reference number must be unique within the group (UNG -UNE) of messages (UNH - UNT)	an..14	Unique Reference Number	+	M	M
S009	2	MESSAGE IDENTIFIER						
0065	2.1	Message Type		a6	CUSREP	:	M	M
0052	2.2	Message version number		a1	S	:	M	M
0054	2.3	Message release number		an3	99B	:	M	M
0051	2.4	Controlling agency		a2	UN	'	M	M
BGM		Beginning of Message		a3	BGM	+	M1	M1
C002	1	DOCUMENT\ MESSAGE NAME						
1001	1.1	Document name code	931 indicates a CSA RELEASE message for an approved CSA importer. If used, the message function and the second RFF segment must be included.	n3	631 - Arrival Notice 931 – CSA RELEASE 998 = {Status Query}	*for non CSA-* ' *For CSA-* ++	M	M
1225	3.1	MESSAGE FUNCTION, CODED		n1	1 - Cancellation 4 - Change 9 - Original	'	N/A	M
DTM		Date\Time\Period		a3	DTM	+	M1	M1
C507	1	DATE\TIME\ PERIOD						
2005	1.1	Date\time\period function code qualifier		n3	132–Arrival Date/Time	:	M	M
2380	1.2	Date\time\period value	Must be transmitted for all messages. For Status Query, submit current Date / Time	n12	CCYYMMDDHHMM	:	M	M
2379	1.3	Date\time\period format code		n3	203 – CCYYMMDDHHMM	'	M	M
Segment Group 1							M1	M1

Arrival Certification/Status Query Message (EDIFACT/CUSREP) Version 99.B								
Segment / Element ID.	Segment / Element Position	Data Element Name	Notes, Conditions and Descriptions	Data Type/ Size	Codes and Values	Default Syntax	Non CSA	CSA
RFF		REFERENCE		a3	RFF	+	M1	M1
C506	1	REFERENCE						
1153	1.1	Reference Qualifier		a..3	ABT – Cargo Control Number-UPPER CASE ONLY TN – Transaction Number (for status query only)	:	M	M
1154	1.2	Reference Number	CCN or Trans No.	an..25		'	M	M
RFF		REFERENCE		a3	RFF	+	n/a	M1
C506	1	REFERENCE						
1153	1.1	Reference Qualifier		a..3	ADZ – Importer Number	:	n/a	M
1154	1.2	Reference Number		an..15	Importer Business Number Format: 123456789RM1234	'	n/a	M
Segment Group 2							C1	M1
LOC		PLACE/ LOCATION IDENTIFICATION	For CSA, Port Code and Warehouse code are required	a3	LOC	+	C1	M1
3227	1	PLACE/ LOCATION QUALIFIER		n2	14 – Location of Goods	+	M	M
C517		LOCATION IDENTIFICATION						
3225	2.1	Place/Location ID	**Arrival – Mandatory Status Query – not required**	n4	Customs office code for port of clearance	:	C	M
1131	2.2	Code List Qualifier		an3	129 - Customs warehouse	::	n/a	M
3224	2.4	Place/Location		n4	Canada Custom sub-location code	‘	n/a	M
UNT		Message Trailer		a3	UNT	+	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
0062	2	MESSAGE REFERENCE NUMBER	Value should be the same as UNH element 0062	an..14		'	M	M
UNE		Functional Group Trailer		a3	UNE	+	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
0048	2	FUNCTIONAL GROUP REFERENCE NUMBER	Value should be the same as UNG element 0048	an..14		'	M	M
UNZ		Interchange Trailer		a3	UNZ	+	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

Arrival Certification/Status Query Message (EDIFACT/CUSREP) Version 99.B								
Segment / Element ID.	Segment / Element Position	Data Element Name	Notes, Conditions and Descriptions	Data Type/ Size	Codes and Values	Default Syntax	Non CSA	CSA
0020	2	INTERCHANGE CONTROL REFERENCE NUMBER	Value should be the same as UNB element 0020	an..14		'	M	M

RESPONSE MESSAGE

EDIFACT/CUSRES

(Version 99.B)

1.0 INTRODUCTION

This message map defines the data elements and structure associated with Electronic Data Interchange (EDI) messages that will be the Canada Border Services Agency (CBSA) to a participant in response to an EDI arrival or query on a shipment. This message will also be used in conjunction with the Custom's Self Assessment (CSA) Program to respond to the EDI arrival of qualifying CSA shipments. Additionally, this message will be sent by the CBSA to a participant who has enrolled in the Release Notification system to receive automatic release notification messages.

This message has been designed using the international standard UN/EDIFACT (United Nations/Electronic Data Interchange For Administration Commerce and Transport), Version 99B.

2.0 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
  - FTX - Free Text
    - Provides the delivery instructions if available
  - LOC - Place / Location Identification
    - Provides the Customs Port of release and warehouse office code (if available)
  - GIS - General Indicator
    - Provides the processing indicator code
  - EQD - Equipment Details (Segment may repeat up to 99 times as required)
    - Provides the container number
  - Segment Group 3 (Group only occurs once)
    - RFF - Reference

Provides the Cargo Control Number (Shipment Identifier for CSA shipments)

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

CBSA Response Message (EDIFACT/CUSRES) Version 99.B

Segment/ Element ID	Segment/ Element Position	Data Element Names	Notes, Conditions and Descriptions	Data Type/ Size	Codes and Values	Default Syntax	Error Response	RNS
UNB		Interchange Header		a3	UNB	+	M1	M1
S001	1	SYNTAX IDENTIFIER						
0001	1.1	Syntax identifier		a4	UNOA	:	M	M
0002	1.2	Syntax version number		n1	3	+	M	M
S002	2	INTERCHANGE SENDER						
0004	2.1	Sender identification	Note that if there is no mailbox ID qualifier, then the default syntax for this element should be a "+" instead of a ":"	an..35	CBSA Network Mailbox ID	:	M	M
0007	2.2	Partner identification code qualifier		an..4	Network Mailbox ID qualifier, if applicable	+	C	C
S003	3	INTERCHANGE RECIPIENT ID						
0010	3.1	Recipient Identification	Note that if there is no mailbox ID qualifier, then the default syntax for this element should be a "+" instead of a ":"	an..35	Client Network Mailbox ID	:	M	M
0007	3.2	Partner identification code qualifier	Client Network Mailbox ID qualifier, if applicable	an..4	Network Mailbox ID qualifier, if applicable	+	C	C
S004	4	DATE\TIME OF PREPARATION						
0017	4.1	Date	Format should be YYMMDD	n6		:	M	M
0019	4.2	Time	Format should be HHMM	n4		+	M	M
0020	5	INTERCHANGE CONTROL REFERENCE	CBSA strongly recommends that every interchange for a particular client have a unique reference number, which will make document tracking much more effective	an..14	Unique Reference Number	++	M	M
0026	7	APPLICATION REFERENCE		a6	CUSRES	'	C	C
UNG		Functional Group Header		a3	UNG	+	M1	M1
0038	1	FUNCTIONAL GROUP IDENTIFIER		a6	CUSRES	+	M	M
S006	2	APPLICATION SENDER'S IDENTIFICATION						
0040	2.1	Application sender's identification	CCR – Canada Customs Response	a3	CCR	+	M	M

CBSA Response Message (EDIFACT/CUSRES) Version 99.B

Segment/ Element ID	Segment/ Element Position	Data Element Names	Notes, Conditions and Descriptions	Data Type/ Size	Codes and Values	Default Syntax	Error Response	RNS
S007	3	APPLICATION RECIPIENT'S IDENTIFICATION						
0044	3.1	Recipient's identification		an..35	Mutually defined	+	M	M
S004	4	DATE\TIME OF PREPARATION						
0017	4.1	Date	Format should be YYMMDD	n6		:	M	M
0019	4.2	Time	Format should be HHMM	n4		+	M	M
0048	5	FUNCTIONAL GROUP REFERENCE NUMBER	This reference number must be unique within the interchange (UNB -UNZ) of Groups (UNG - UNE)	an..14	Unique Reference Number	+	M	M
0051	6	CONTROLLING AGENCY		a2	UN	+	M	M
S008	7	MESSAGE VERSION						
0052	7.1	Message version number		a1	S	:	M	M
0054	7.2	Message release number		an3	99B	'	M	M
UNH		Message Header		a3	UNH	+	M1	M1
0062	1	MESSAGE REFERENCE NUMBER	This reference number must be unique within the group (UNG -UNE) of messages (UNH - UNT)	an..14	Unique Reference Number	+	M	M
S009	2	MESSAGE IDENTIFIER						
0065	2.1	Message Type		a6	CUSRES	:	M	M
0052	2.2	Message version number		a1	S	:	M	M
0054	2.3	Message release number		an3	99B	:	M	M
0051	2.4	Controlling agency		a2	UN	'	M	M
BGM		Beginning of Message		a3	BGM	+	M1	M1
C002	1	DOCUMENT\ MESSAGE NAME				:::		

CBSA Response Message (EDIFACT/CUSRES) Version 99.B

Segment/ Element ID	Segment/ Element Position	Data Element Names	Notes, Conditions and Descriptions	Data Type/ Size	Codes and Values	Default Syntax	Error Response	RNS
1000	1.4	Document Name	ACROSS Service Option	n..3	67 = Enter to Arrive, paper 117 = PARS, paper 125 = PARS, EDI 174 = RMD, paper 232 = Value Included, paper 257 = RMD, EDI 331 = Cash, paper 455=Appraisal Quality, EDI 463 = PARS (OGD Trans.) 471 = RMD (OGD Trans.) 489 = Generic Arrival / Query response 505 = CSA EDI rail 513 = CSA EDI NON-highway 612 = CSA EDI highway	+	M	M
1004	2.1	DOCUMENT MESSAGE NUMBER	Transaction / Cargo Control / Shipment Number	n..25		+	M	M
1225	3.1	MESSAGE FUNCTION, CODED		n..3	11	'	M	M
DTM		Date\Time\Period		a3	DTM	+	M1	M1
C507	1	DATE\TIME\ PERIOD						
2005	1.1	Date\time\period function code qualifier		n..3	9 – Processing Date 58 – Clearance Date	:	M	M
2380	1.2	Date\time\period value		n12	CCYYMMDDHHMM	:	M	M
2379	1.3	Date\time\period format code		n3	203 – CCYYMMDDHHMM	'	M	M
FTX		FREE TEXT		a3	FTX	+	C1	C1
4451	1	TEXT SUBJECT QUALIFIER		a3	AAG – Party Instructions	+++	M	M
C108	4	TEXT LITERAL						
4440	4.1	Free Text	Delivery Instructions	an..70		:	M	M
4440	4.2	Free Text	Delivery Instructions	an..70		'	C	C
LOC		PLACE/ LOCATION IDENTIFICATION		a3	LOC	+	C1	M1
3227	1	PLACE/ LOCATION QUALIFIER		n..3	22 – Customs Office of Clearance	+	C	M
C517		LOCATION IDENTIFICATION						
3225	2	Place/Location ID		n4	Customs office code for port of clearance	:	C	M

CBSA Response Message (EDIFACT/CUSRES) Version 99.B

Segment/ Element ID	Segment/ Element Position	Data Element Names	Notes, Conditions and Descriptions	Data Type/ Size	Codes and Values	Default Syntax	Error Response	RNS
1131	2.2	Code List Qualifier		n3	129 – Customs Warehouse	::	C	C
3224	2.4	Place/Location	If supplied with inbound Release Trans., or Keyed by Customs Inspector.	n4		'	C	C
GIS		GENERAL INDICATOR		a3	GIS	+	M1	M1
C529	1	PROCESSING INDICATOR						
7365	1.1	PROCESSING INDICATOR - CODED		n..3	1 = Message Content Accepted 2 = Message Content Rejected, with comment. 4 = Goods Released 5 = Goods required for examination - referred 8 = Goods May Move, Detain to Destination (CFIA) 9 = Declaration Accepted, Awaiting arrival of goods. 14= Error message 23 – Authorised to Deliver – CSA Shipment 34 = Declaration Accepted, Awaiting Customs Processing	'	M	M
EQD		EQUIPMENT DETAILS		a3	EQD	+	N/A	C..99
8053	1	EQUIPMENT QUALIFIER		a2	CN – Container Number	+	N/A	M
C237	2	EQUIPMENT IDENTIFICATION						
8260	2.1	Equipment Identification Number	Container Number	an..14		'	N/A	M
Segment Group 3							M1	M1
RFF		REFERENCE		a3	RFF	+	C1	M1
C506	1	REFERENCE						
1153	1.1	Reference Qualifier		a3	ZZZ – Mutually Defined	:	C	M
1154	1.2	Reference Number	Cargo Control / Shipment Number	an..25		'	C	M
Segment Group 4							M1 C98	N/A
ERP		Error Point Details		a3	ERP	+	M1	N/A

CBSA Response Message (EDIFACT/CUSRES) Version 99.B								
Segment/ Element ID	Segment/ Element Position	Data Element Names	Notes, Conditions and Descriptions	Data Type/ Size	Codes and Values	Default Syntax	Error Response	RNS
C701	1	ERROR POINT DETAILS						
1049	1.1	Message Section, Coded		n1	2 - Detail	:	M	N/A
1052	1.2	Message Item Number	In the case of a syntax error, will contain the UNH 0062 Message Reference Number	an..14	Senders Message Reference Number	:	C	N/A
1054	1.3	Message Sub-Item Number		n2	20 = Administration 21 = Enforcement 22 = Conformance 28 = Batch Error 29 = Data Error	'	M	N/A
RFF		REFERENCE		a3	RFF	+	C1	N/A
C506	1	REFERENCE						
1153	1.1	Reference Qualifier		a3	ZZZ – Mutually Defined	:	M	N/A
1154	1.2	Reference Number	Data in Error	an..35		'	M	N/A
ERC		APPLICATION ERROR INFORMATION		a3	ERC	+	M1 C98	N/A
C901	1	APPLICATION ERROR DETAIL						

CBSA Response Message (EDIFACT/CUSRES) Version 99.B

Segment/ Element ID	Segment/ Element Position	Data Element Names	Notes, Conditions and Descriptions	Data Type/ Size	Codes and Values	Default Syntax	Error Response	RNS

9321	1.1	Application Error Identification		an..3	R01 = CCN not on file
					R02 = Trans. # not on file
					R03 = Duplicate Arrival Notice - CCN already released
					R04 = Invalid arrival or delivery/query message
					R05 = Neither CCN nor Transaction # provided
					R06 = Invalid Office Code
					R07 = CCN already released/ referred, Delivery Inst./ Status Query not accepted
					R08 = EDIFACT conformance check error
					R09 = Arrival Office Does Not Match Release Office
					R10 = CCN Exceeds Max Size
					R11= Arrival by transaction # not permitted
					R12 = Invalid Code
					R14 = Arrival date is Future Dated
					R15= Cannot arrive, goods already released and acquitted
					* For additional Error Codes, refer to Electronic Release section of the Participant's Requirements
						'	M	N/A

FTX		FREE TEXT		a3	FTX	+	C99	N/A
4451	1	TEXT SUBJECT QUALIFIER		a3	AAO – Error Description	+++	M	N/A
C108	4	TEXT LITERAL						
4440	4.1	Free Text	Error Text	an..70		:	M	N/A
4440	4.2	Free Text	Error Text	an..70		'	C	N/A
UNT		Message Trailer		a3	UNT	+	M1	M1

CBSA Response Message (EDIFACT/CUSRES) Version 99.B

Segment/ Element ID	Segment/ Element Position	Data Element Names	Notes, Conditions and Descriptions	Data Type/ Size	Codes and Values	Default Syntax	Error Response	RNS
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
0062	2	MESSAGE REFERENCE NUMBER	Value should be the same as UNH element 0062	an..14		'	M	M
UNE		Functional Group Trailer		a3	UNE	+	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
0048	2	FUNCTIONAL GROUP REFERENCE NUMBER	Value should be the same as UNG element 0048	an..14		'	M	M
UNZ		Interchange Trailer		a3	UNZ	+	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
0020	2	INTERCHANGE CONTROL REFERENCE NUMBER	Value should be the same as UNB element 0020	an..14		'	M	M

APPENDIX G

ANSI Message Maps (version 005040)

ANSI RNS: How to Read the Transaction Set Maps

Segment: **AAA – Segment Name**

Loop: Name of loop in which the segment is contained.

Repeat: Maximum number of times the loop may repeat. This number may be different from the standard to support CBSA's implementation of the transaction set.

Usage: Condition Designator: Mandatory or Optional.
CBSA will use "Required" when the standard designates a segment as optional but is mandatory for CBSA's implementation of the transaction set.

Max Use: Maximum number of times the segment may repeat. This number may be different from the standard to support CBSA's implementation of the transaction set.

Purpose: Segment purpose as defined by the standard.

Syntax: Relational Conditions:

(P) Paired or Multiple
(e.g. P0410 = if either the 04 or 10 segment is present then the other is required)

(R) Required
(e.g. R0410 = at least one of segment 04 or 10 is required)

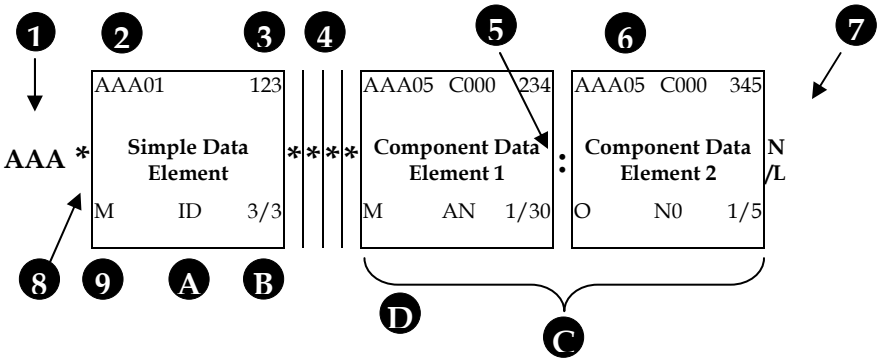
(E) Exclusion
(e.g. E0410 = only one of segment 04 or 10 may be present)

(C) Conditional
(e.g. C0410 = if segment 04 is present then segment 10 is required)

(L) List Conditional
(e.g. L160410 = if segment 16 is present then at least one of segment 04 or 10 is required)

Notes: This section will contain notes specific to CBSA's implementation of the segment or transaction set. (a.k.a. grey notes)

Segment Diagram



1 Segment Identifier

2 Data Element Reference Designator

3 Data Element Reference Number

4 Component Element Reference Designator

5 Component Element Separator

6 Composite Data Structure Number

*** Unused elements

7 Segment Terminator (i.e. New Line)

8 Data Element Separator

9 Condition Designator

A Data Element Type

B Data Element Length (Max/Min)

C Composite Data Structure

D Component Data Element

Condition Designators:
M – Mandatory
O – Optional
X – Relational condition exists
M/Z – Mandatory with semantic note
O/Z – Optional with semantic note
X/Z – Relational condition with semantic note

Data Element Types:
N0 – Number
R – Decimal Number
ID – Identifier
AN – Alpha Numeric String
DT – Date
TM – Time

Data Element Summary

REF.	ELEMENT ID	NAME		ATTRIBUTES	
AAA01	**123**	**Simple Data Element**	**M**	**ID**	**3/3**

This area will contain the data element definition as defined by the standard.

This section will contain notes specific to CBSA's implementation of the data element.

CODE	DEFINITION
XXX	A list of code values used in CBSA's implementation of the data element.

AAA02	**C000**	**Composite Data Element**	**O**		

This area will contain the composite data element definition as defined by the standard.

AAA02.1	**234**	**Component Data Element**	**M**	**AN**	**1/30**

This area will contain the data element definition as defined by the standard.

Interchange and Application Control Structures

Interchange Control Header Segment (ISA)

Purpose:
To start and identify an interchange of zero or more functional groups and interchange-related control segments.

The actual values of the data element separator, component element separator, repetition separator, and segment terminator for this interchange are set by the interchange control header. For a particular interchange, the value at the fourth character position of the interchange control header is the data element separator, and the value of the last character position is the segment terminator. The extent of this particular usage of the data element separator, component element separator, and the segment terminator is from this header to, and including, the next interchange trailer. The interchange control number value in this header must match the value in the same data element in the IEA segment.

Interchange Control Trailer Segment (IEA)
Purpose:
To define the end of an interchange of zero or more functional groups and interchange-related control segments.

The interchange control number in this trailer must match the value in the same data element in the corresponding ISA segment.

Functional Group Control Segments
The functional group is delineated by the functional group header (GS segment) and the functional group trailer (GE segment). The functional group header starts and identifies one or more related transaction sets and provides a control number and application identification information. The functional group trailer defines the end of the functional group of related transaction sets and provides a count of contained transaction sets.

Transaction Set Control Segments
The transaction set is delineated by the transaction set header (ST segment) and the transaction set trailer (SE segment). The transaction set header starts and identifies the transaction set. The transaction set trailer defines the end of the transaction set and provides a count of the data segments, which includes the ST and SE segments.

Technical Glossary of Elements – ANSI 353

ANSI 353			
Name/Segment Name	**ANSI Element Name**	**Description**	**ANSI Element**
Arrival Date	Date	Arrival certification or CSA only	M1503
Arrival Time	Time	Arrival certification or CSA only	M1506
Business Number (BN)	Reference Identification	For CSA only	M1514
Cargo Control Number (CCN)	Reference Identification	A number that uniquely identifies the shipment to the CBSA. Consists of a carrier's CBSA assigned Carrier Code, followed by a unique reference number assigned by the carrier.	M1502
CBSA Destination Code	Location Identifier	4-digit destination office code	P401
CBSA Sub-location Office (Warehouse)	Location Identifier	Is only used for CSA arrivals	P404
Message Function	Transaction Set Purpose Code	00 – Original 03 – Delete 04 – Change	M1013
Notification Entity Qualifer	Notification Entity Qualifier	2 - Arrival Certification CC - Query by CCN CS - CSA Arrival TC - Query by Transaction Number	M1501
Reference Identification Qualifier	Reference Identification Qualifier	ABQ – Business Number (for CSA only)	M1513
Transaction Number (TN)	Reference Identification	Request ID of release transaction.	M1502
Transaction Set Control Number	Transaction Set Control Number	Supplied by client	ST02

353 Customs Events Advisory Details

FUNCTIONAL GROUP=**AX**

This X12 Transaction Set contains the format and establishes the data contents of the Customs Events Advisory Details Transaction Set (353) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by carriers to notify Customs of events concerning cargo moving in-bond, or of conveyance arrivals or departures. These events include the arrival of containers, or cargo covered by individual ocean bills of lading or in-bond numbers, which have moved in-bond to an inland destination or which have been exported. Carriers can also use this transaction set to notify Customs of the arrival or departure of a conveyance for which an electronic manifest has been filed and for the transfer of custodial liability when an in-bond movement involves multiple legs.

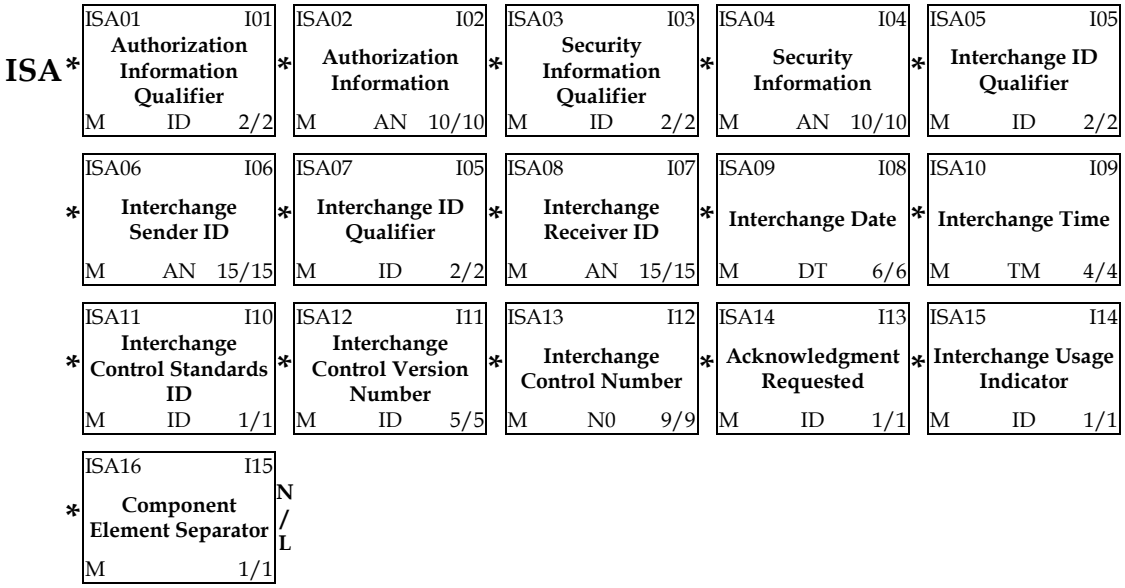
Note: Only the segments used by CBSA are listed and detailed within the table and maps.

Table 1

POS. #	SEG ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
	ISA	Interchange Control Header			
	GS	Functional Group Header			
0100	**ST**	Transaction Set Header	**M**	**1**	
0200	**M10**	Manifest Identifying Information	**O**	**1**	
0300	**P4**	Port Information	**O**	**1**	
		LOOP ID - M15			**9999**
0400	**M15**	Customs Events Advisory Details	**M**	**1**	
0500	**SE**	Transaction Set Trailer	**M**	**1**	
	GE	Functional Group Trailer			
	IEA	Interchange Control Trailer			

Segment: ISA - Interchange Control Header

Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments
Syntax: N/A
Notes: N/A



Data Element Summary

REF.	ELEMENT ID	NAME		ATTRIBUTES	
ISA01	**I01**	**Authorization Information Qualifier**	**M**	**ID**	**2/2**
		Code identifying the type of information in the Authorization Information			
		CODE DEFINITION			
		00 No Authorization Information Present (No Meaningful Information in I02)			
ISA02	**I02**	**Authorization Information**	**M**	**AN**	**10/10**
		Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)			
ISA03	**I03**	**Security Information Qualifier**	**M**	**ID**	**2/2**
		Code identifying the type of information in the Security Information			

CODE	DEFINITION
00	No Security Information Present (No Meaningful Information in I04)

ISA04 I04 Security Information — **M AN 10/10**

This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)

ISA05 I05 Interchange ID Qualifier — **M ID 2/2**

Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified

CODE	DEFINITION
02	SCAC (Standard Carrier Alpha Code)
ZZ	Mutually Defined

These are commonly used qualifiers within CBSA.

ISA06 I06 Interchange Sender ID — **M AN 15/15**

Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element

ISA07 I05 Interchange ID Qualifier — **M ID 2/2**

Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified

See ISA05

ISA08 I07 Interchange Receiver ID — **M AN 15/15**

Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them

ISA09 I08 Interchange Date — **M DT 6/6**

Date of the interchange - YYMMDD

ISA10 I09 Interchange Time — **M TM 4/4**

Time of the interchange - HHMM

ISA11 I10 Interchange Control Standards Identifier — **M ID 1/1**

Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer

U – U.S. EDI Community of ASC X12, TDCC, and UCS

ISA12 I11 Interchange Control Version Number — **M ID 5/5**

Code specifying the version number of the interchange control segments

CODE	DEFINITION
00200	ASC X12 Standards Issued by ANSI in 1987

ISA13 I12 Interchange Control Number M N0 9/9

A control number assigned by the interchange sender

ISA14 I13 Acknowledgment Requested M ID 1/1

Code indicating sender's request for an interchange acknowledgment

CODE	DEFINITION
0	No Interchange Acknowledgment Requested

ISA15 I14 Interchange Usage Indicator M ID 1/1

Code indicating whether data enclosed by this interchange envelope is test, production or information

CODE	DEFINITION
P	Production Data
T	Test Data

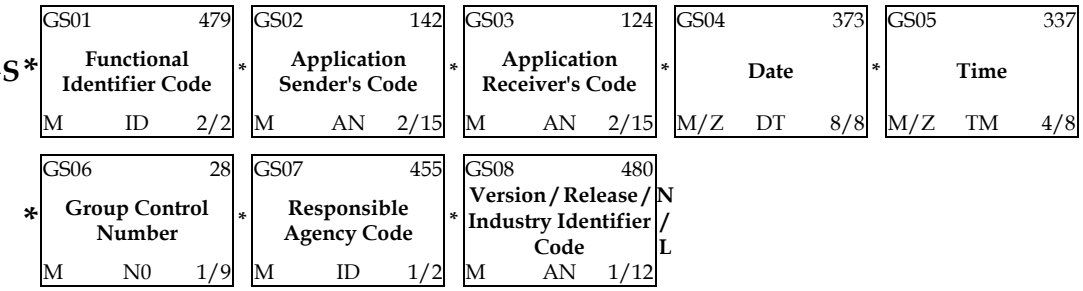
ISA16 I15 Component Element Separator M 1/1

Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

Segment: GS - Functional Group Header

Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a functional group and to provide control information
Syntax N/A
Comments:
00 A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

Notes:
04 GS04 is the group date.
05 GS05 is the group time.
06 The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.



Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES
GS01	**479**	**Functional Identifier Code**	**M ID 2/2**
		Code identifying a group of application related transaction sets	
		CODE DEFINITION	
		AX Customs Events Advisory Details (353)	
GS02	**142**	**Application Sender's Code**	**M AN 2/15**
		Code identifying party sending transmission; codes agreed to by trading partners	

GS03	**124**	**Application Receiver's Code**	**M**	**AN**	**2/15**

Code identifying party receiving transmission; codes agreed to by trading partners

GS04	**373**	**Date**	**M/Z**	**DT**	**8/8**

Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

GS05	**337**	**Time**	**M/Z**	**TM**	**4/8**

Time expressed in 24-hour clock time as follows: HHMM

GS06	**28**	**Group Control Number**	**M/Z**	**N0**	**1/9**

Assigned number originated and maintained by the sender

GS07	**455**	**Responsible Agency Code**	**M**	**ID**	**1/2**

Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

CODE	DEFINITION
X	Accredited Standards Committee X12

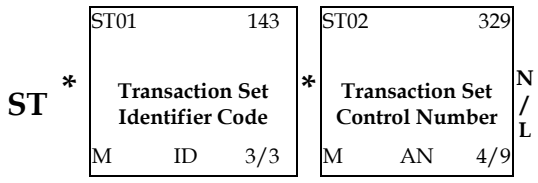
GS08	**480**	**Version / Release / Industry Identifier Code**	**M**	**AN**	**1/12**

Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments. If code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease level of the version.

CODE	DEFINITION
005040	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2006

Segment: ST – Transaction Set Header

Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax: N/A
Notes: N/A

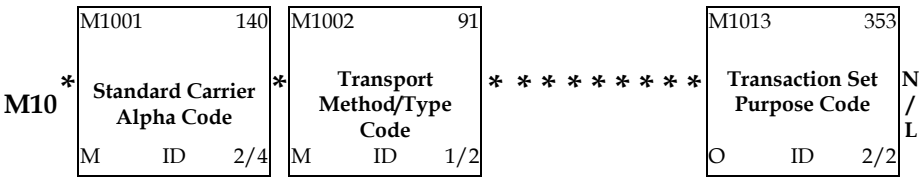


Data Element Summary

REF.	ELEMENT ID	NAME		ATTRIBUTES	
ST01	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set CODE / DEFINITION **353** Customs Events Advisory Details	**M**	**ID**	**3/3**
ST02	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	**M**	**AN**	**4/9**

Segment: M10 – Manifest Identifying Information

Loop: N/A **Repeat:** N/A
Usage: Required
Max Use: 1
Purpose: To transmit manifest identifying information
Syntax:
Notes: N/A



Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES		
M1001	**140**	**Standard Carrier Alpha Code**	**M**	**ID**	**2/4**
		The string "SCAC" will be provided to meet the syntactical requirement.			
M1002	**91**	**Transportation Method/Type Code**	**M**	**ID**	**1/2**
		Any valid code may be used to satisfy the syntactical requirement			

CODE	DEFINITION
A	Air
J	Motor (Common Carrier)
R	Rail
S	Ocean
ZZ	Mode unknown

M1012 127 **Reference Identification** **O AN 1/80**

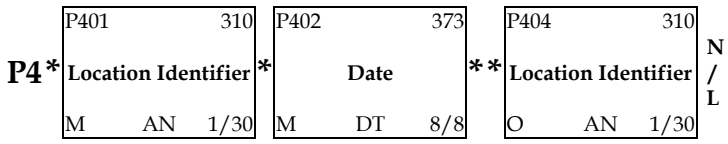
Reference information as defined for a particular transaction set or as specified by the Reference Identification Qualifier

For CBSA, this is a client supplied reference number. It is returned in one of the following manners:

1) The M1012 of the related response message (TS 350)
2) The REF02 of the application error message (TS 824), if the TS353 fails the business application's validation rules.

Segment: P4 - Port Information

Loop: P4 **Repeat:** 1
Usage: Required
Max Use: 1
Purpose: To transmit identifying information for a port
Syntax: N/A
Notes: N/A



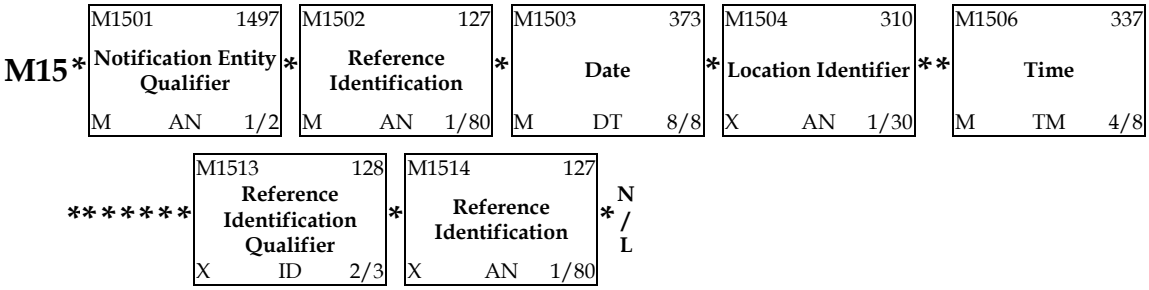
Data Element Summary

REF.	ELEMENT ID	NAME		ATTRIBUTES	
P401	**310**	**Location Identifier** Code which identifies a specific location 4-digit code for the CBSA Office	**M**	**AN**	**1/30**
P402	**373**	**Date** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year Date is provided for syntax purposes only	**M**	**DT**	**8/8**
P404	**310**	**Location Identifier** Code which identifies a specific location 4-digit code for the CBSA Sub-location Office (Warehouse) Sub-location code is only used for CSA arrivals	**O**	**AN**	**1/30**

Segment: M15 - Customs Events Advisory Details

Loop: M15 **Repeat:** 1 (CBSA only accepts 1 M15 loop)
Usage: Mandatory
Max Use: 1
Purpose: To notify Customs of in-bond cargo movement or of a conveyance arrival or departure, or of transfer of custodial liability when an in-bond movement involves multiple legs
Syntax: 13 P1314 - If either M1513 or M1514 is present, then the other is required.
15 C1516 - If M1515 is present, then M1516 is required

Notes: N/A



Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES
M1501	**1497**	**Notification Entity Qualifier** Code indicating type of notifications CODE / DEFINITION **2** Arrival Certification **CC** Query by Cargo Control Number **CS** CSA Arrival **TC** Query by Transaction Number	**M AN 1/2**
M1502	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Cargo Control Number (CCN) being arrived or queried. Transaction Number being queried.	**M AN 1/80**
M1503	**373**	**Date** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	**M DT 8/8**

When M1501 = 2 or CS then send the arrival date.
When M1501 = CC or TC then complete the field to satisfy the syntactical requirement.

M1504 310 Location Identifier **X AN 1/30**

Code which identifies a specific location

Complete the field to satisfy the syntactical requirement

M1506 337 Time **M TM 4/8**

Arrival Time = HHMM
When M1501 = 2 or CS then send the arrival time
When M1501 = CC or TC then complete the field to satisfy the syntactical requirement.

M1513 128 Reference Identification Qualifier **X ID 2/3**

Code qualifying the Reference Identification

For CSA only

CODE	DEFINITION
ABQ	Business Number (BN)

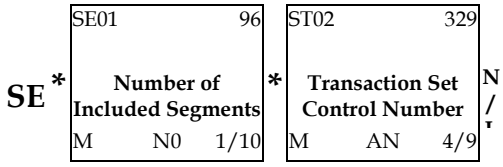
M1514 127 Reference Identification **X AN 1/80**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

BN for CSA arrivals only. Format 999999999RM9999.

Segment: SE - Transaction Set Trailer

Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax: N/A
Notes: N/A

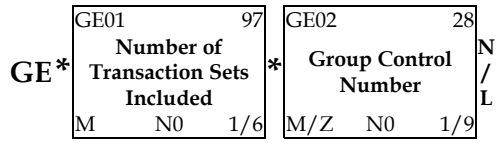


Data Element Summary

REF.	ELEMENT ID	NAME		ATTRIBUTES	
SE01	**96**	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments	**M**	**N0**	**1/10**
SE02	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	**M**	**AN**	**4/9**

Segment: GE - Functional Group Trailer

Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of a functional group and to provide control information
Syntax: N/A
Comments 00 The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.
Notes: 02 The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

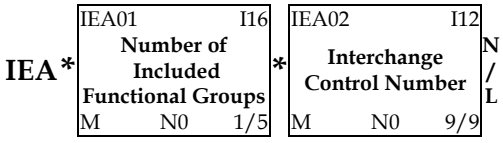


Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES		
GE01	**97**	**Number of Transaction Sets Included** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	**M**	**N0**	**1/6**
GE02	**28**	**Group Control Number** Assigned number originated and maintained by the sender	**M/Z**	**N0**	**1/9**

Segment: IEA - Interchange Control Trailer

Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments
Syntax: N/A
Notes: N/A



Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES		
IEA01	**I16**	**Number of Included Functional Groups** A count of the number of functional groups included in an interchange	**M**	**N0**	**1/5**
IEA02	**I12**	**Interchange Control Number** A control number assigned by the interchange sender	**M**	**N0**	**9/9**

Samples

Arrival certification:

ST*353*0001
M10*SCAC*ZZ**********REFID
P4*0431*20100222
M15*2*9999CCN12345*20100222*0431**1410
SE*5*0001

CSA Arrival:

ST*353*0001
M10*SCAC*ZZ**********REFID*00
P4*0431*20100222**9431
M15*CS*9999CCN12345*20100222*0431**1410*******ABQ*999999999RM0001
SE*5*0001

Query by CCN:

ST*353*0001
M10*SCAC*ZZ**********REFID
P4*0431*20100222
M15*CC*999912345*20100222*0431**1410
SE*5*0001

Query by Transaction Number:

ST*353*0001
M10*SCAC*ZZ**********REFID
P4*0431*20100222
M15*TC*31617123456706*20100222*0431**1410
SE*5*0001

Technical Glossary of Elements – ANSI 350

ANSI 350			
Name/Segment Name	**ANSI Element name**	**Description**	**ANSI Element**
Cargo Control Number (CCN)	Bill of Lading/Waybill Number	A number that uniquely identifies the shipment. Consists of a carrier's CBSA assigned Carrier Code, followed by a unique reference number assigned by the carrier.	X401
CBSA Release/Clearance Office Code	Location Identifier	4-digit code representing a CBSA office.	P401 (Mandatory), X413 (Optional)
CBSA Release/Clearance Status Code	Bill of Lading Disposition Code	A code to indicate the status of the release/clearance related to the arrival or query.	X407
CBSA Release/Clearance Type (Service Option ID)	Customs Entry Type Code	A code indicates the type of release/clearance related to the arrival or query.	X403
Client Supplied Reference Number	Reference Identification Number	Referenced back to client	M1012
Container ID	Equipment Number	Container IDs listed in related release request	N702
Date	Date	Date of CBSA release/clearance status code (X407)	X405
Delivery Instructions	Free-form Information	Instructions provided on the release transaction.	K101, K102
Transaction Number (TN)	Customs Entry Number	Request ID of release transaction.	X404
Time	Time	Time of CBSA release/clearance status code (X407)	X406
Warehouse (Sub-location), coded	Location Identifier	4-digit code representing a CBSA sub-location.	X414

350 Customs Status Information

FUNCTIONAL GROUP=**AU**

This X12 Transaction Set contains the format and establishes the data contents of the Customs Status Information Transaction Set (350) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by the Customs Service (CS) to supply carriers, terminal operators, port authorities and service providers with cargo release and cargo hold information for import shipments. It can also be used by the CS to provide exporters or their agents, carriers, and service providers with information pertaining to export shipments.

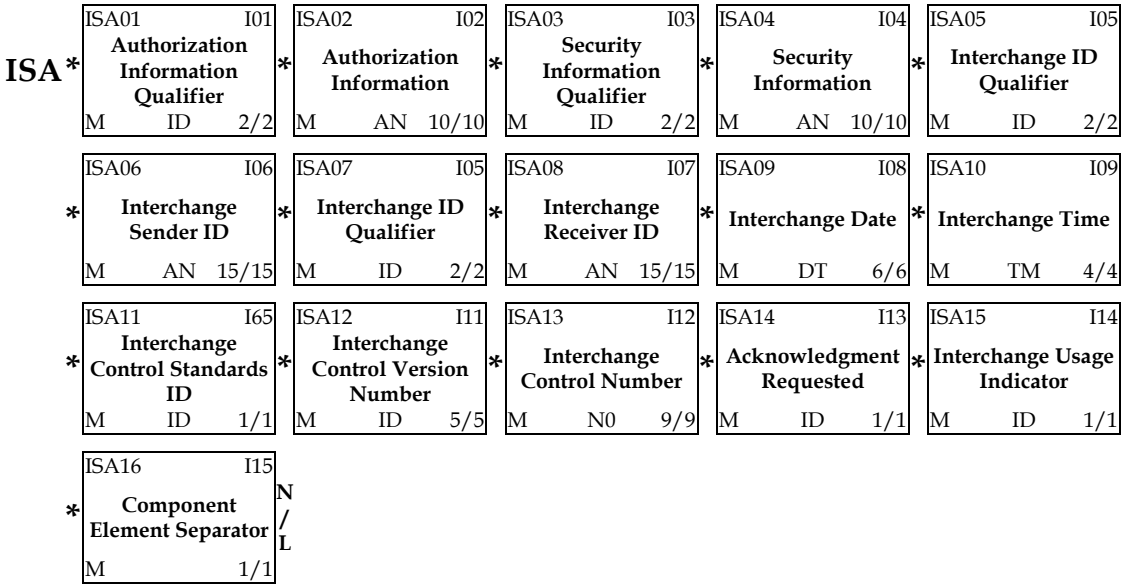
Note: Only the segments used by CBSA are listed and detailed within the table and maps.

Table 1

POS. #	SEG ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
	ISA	Interchange Control Header			
	GS	Functional Group Header			
0100	**ST**	Transaction Set Header	**M**	**1**	
0200	**M10**	Manifest Identifying Information	**O**	**1**	
		LOOP ID – P4			**20**
0400	**P4**	Port Information	**O**	**1**	
		LOOP ID – X4			**9999**
0600	**X4**	Customs Release Information	**O**	**1**	
0700	**K1**	Remarks	**O**	**4**	
0810	**N7**	Equipment Details	**O**	**999**	
1000	**SE**	Transaction Set Trailer	**M**	**1**	
	GE	Functional Group Trailer			
	IEA	Interchange Control Trailer			

Segment: ISA - Interchange Control Header

Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments
Syntax: N/A
Notes: N/A



Data Element Summary

REF.	ELEMENT ID	NAME		ATTRIBUTES	
ISA01	**I01**	**Authorization Information Qualifier**	**M**	**ID**	**2/2**
		Code identifying the type of information in the Authorization Information			
		CODE DEFINITION			
		00 No Authorization Information Present (No Meaningful Information in I02)			
ISA02	**I02**	**Authorization Information**	**M**	**AN**	**10/10**
		Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)			
ISA03	**I03**	**Security Information Qualifier**	**M**	**ID**	**2/2**
		Code identifying the type of information in the Security Information			

CODE	DEFINITION
00	No Security Information Present (No Meaningful Information in I04)

ISA04 I04 Security Information — **M AN 10/10**

This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)

ISA05 I05 Interchange ID Qualifier — **M ID 2/2**

Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified

CODE	DEFINITION
02	SCAC (Standard Carrier Alpha Code)
ZZ	Mutually Defined

These are commonly used qualifiers with CBSA.

ISA06 I06 Interchange Sender ID — **M AN 15/15**

Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element

ISA07 I05 Interchange ID Qualifier — **M ID 2/2**

Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified

See ISA05

ISA08 I07 Interchange Receiver ID — **M AN 15/15**

Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them

ISA09 I08 Interchange Date — **M DT 6/6**

Date of the interchange - YYMMDD

ISA10 I09 Interchange Time — **M TM 4/4**

Time of the interchange - HHMM

ISA11 I10 Interchange Control Standards Identifier — **M ID 1/1**

Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer

U – U.S. EDI Community of ASC X12, TDCC, and UCS

ISA12 I11 Interchange Control Version Number — **M ID 5/5**

Code specifying the version number of the interchange control segments

CODE	DEFINITION
00200	ASC X12 Standards Issued by ANSI in 1987

ISA13 I12 Interchange Control Number M N0 9/9

A control number assigned by the interchange sender

ISA14 I13 Acknowledgment Requested M ID 1/1

Code indicating sender's request for an interchange acknowledgment

CODE	DEFINITION
0	No Interchange Acknowledgment Requested

ISA15 I14 Interchange Usage Indicator M ID 1/1

Code indicating whether data enclosed by this interchange envelope is test, production or information

CODE	DEFINITION
P	Production Data
T	Test Data

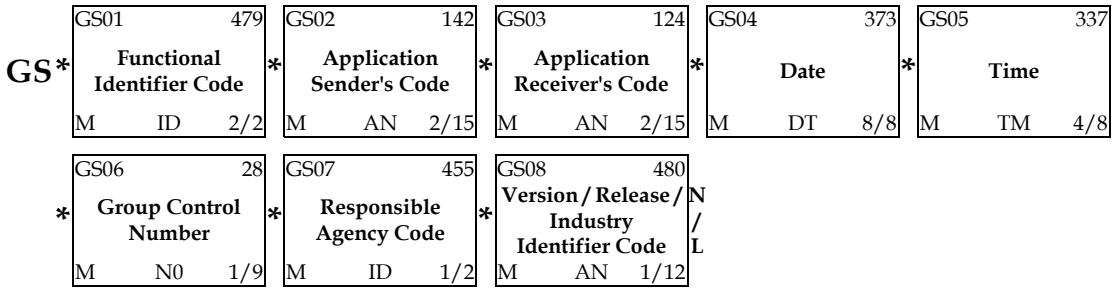
ISA16 I15 Component Element Separator M 1/1

Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

Segment: GS - Functional Group Header

Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a functional group and to provide control information
Syntax N/A
Comments:
00 A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

Notes:
04 GS04 is the group date.
05 GS05 is the group time.
06 The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.



Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES
GS01	**479**	**Functional Identifier Code** Code identifying a group of application related transaction sets CODE DEFINITION **AU** U.S. Customs Status Information (350)	**M ID 2/2**
GS02	**142**	**Application Sender's Code** Code identifying party sending transmission; codes agreed to by trading partners	**M AN 2/15**
GS03	**124**	**Application Receiver's Code** Code identifying party receiving transmission; codes agreed to by trading partners	**M AN 2/15**

GS04 373 Date M/Z DT 8/8

Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

GS05 337 Time M/Z TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

GS06 28 Group Control Number M/Z N0 1/9

Assigned number originated and maintained by the sender

GS07 455 Responsible Agency Code M ID 1/2

Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

CODE	DEFINITION
X	Accredited Standards Committee X12

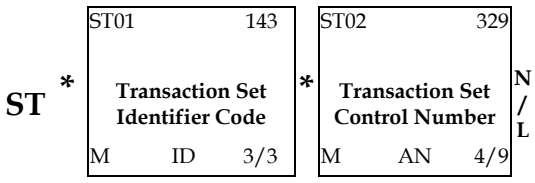
GS08 480 Version / Release / Industry Identifier Code M AN 1/12

Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments. If code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers.

CODE	DEFINITION
005040	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2006

Segment: ST – Transaction Set Header

Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax: N/A
Notes: N/A

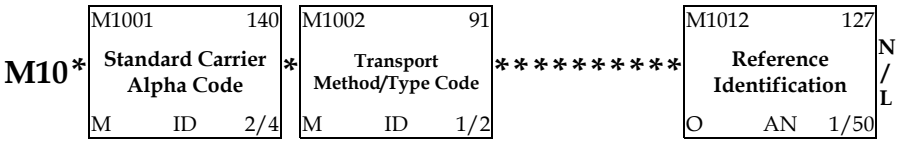


Data Element Summary

REF.	ELEMENT ID	NAME		ATTRIBUTES	
ST01	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set CODE / DEFINITION **350** Customs Status Information	**M**	**ID**	**3/3**
ST02	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	**M**	**AN**	**4/9**

Segment: M10 – Manifest Identifying Information

Loop: N/A **Repeat:** N/A
Usage: Required
Max Use: 1
Purpose: To transmit manifest identifying information
Syntax:
Notes: N/A

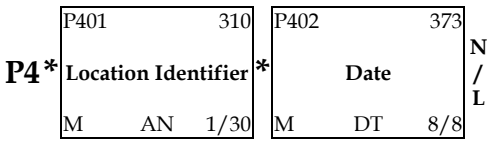


Data Element Summary

REF.	ELEMENT ID	NAME		ATTRIBUTES	
M1001	**140**	**Standard Carrier Alpha Code**	**M**	**ID**	**2/4**
		The string "SCAC" will be provided to meet the syntactical requirement.			
M1002	**91**	**Transportation Method/Type Code**	**M**	**ID**	**1/2**
		The code "ZZ" will be provided to meet the syntactical requirement.			
		CODE DEFINITION			
		ZZ Mutually defined			
M1012	**127**	**Reference Identification**	**O**	**AN**	**1/80**
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
		For CBSA, this is a client supplied reference number that was provided in the M1012 element of the related inbound ANSI 353.			

Segment: P4-Port Information

Loop: P4 **Repeat:** 1
Usage: Required
Max Use: 1
Purpose: To transmit identifying information for a port
Syntax: N/A
Notes: N/A



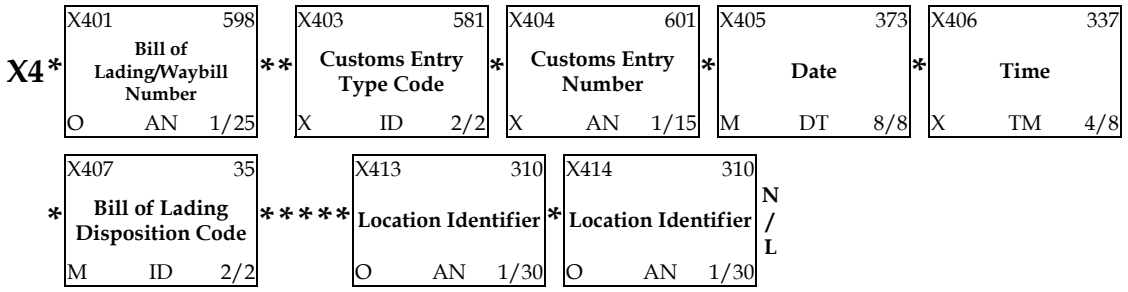
Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES		
P401	**310**	**Location Identifier** Code which identifies a specific location 4-digit code for the CBSA Release/Clearance Office	**M**	**AN**	**1/30**
P402	**373**	**Date** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year Date of the event	**M**	**DT**	**8/8**

Segment: X4-Customs Release Information

Loop: P4/X4 **Repeat:** 99
Usage: Required
Max Use: 1
Purpose: To identify items for release
Syntax:
03 P0304 - If either X403 or X404 is present, then the other is required.
15 P1516 - If either X415 or X416 is present, then the other is required.
17 C1706 - If X417 is present, then X406 is required.
18 C1803 - If X418 is present, then X403 is required.
19 C1903 - If X419 is present, then X403 is required.

Notes: ** The following segments do not match the 5040 standard and are currently under review:
- X403 and X407 are 2/3 and should be 2/2
- X409 is a missing mandatory element



Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES
X401	**598**	**Bill of Lading/Waybill Number** Identification number assigned to the shipment by the carrier or consolidator Cargo Control Number (CCN)	**O AN 1/25**
X403	**581**	**Customs Entry Type Code** Code defining the type of entry assigned by U.S. Customs CBSA Release/Clearance Type (Service Option ID)	**X ID 2/3**

CODE	DEFINITION
034	Aerospace, EDI
067	Enter to Arrive, paper
117	PARS, paper

125 PARS, EDI
174 RMD, paper
232 Value Included, paper
257 RMD, EDI
331 B3 Cash, paper
455 Appraisal Quality, EDI
463 OGD PARS, EDI
471 OGD RMD, EDI
489 Arrival/Query
497 CSA Highway, Paper
505 CSA Rail, EDI
513 CSA Non-highway, EDI
521 CSA Non-highway, Paper
612 CSA Highway, EDI

X404 601 Customs Entry Number **X AN 1/15**

CBSA Transaction Number (TN)

X405 373 Date **M DT 8/8**

Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Date of event in X407

X406 337 Time **X TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Time of event in X407 – expressed as HHMMSS

X407 35 Bill of Lading Disposition Code **M ID 2/3**

Code advising the carrier or port authority about postings to a bill of lading

CBSA release/clearance status code

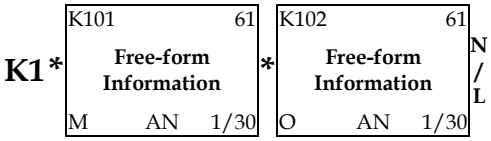
CODE	DEFINITION
100	CCN is not related to a release on file
800	Declaration Accepted, Awaiting Customs Processing
801	Declaration Accepted, Awaiting arrival of goods
802	Goods required for examination- referred
805	Goods released

806 Authorized to Deliver – CSA Shipment
807 Goods May Move, Detain to Destination (CFIA)

X413	**310**	**Location Identifier** Code which identifies a specific location CBSA release/clearance office code	**O**	**AN**	**1/30**
X414	**310**	**Location Identifier** Code which identifies a specific location CBSA sub-location code	**O**	**AN**	**1/30**

Segment: K1 – Remarks

Loop: N/A **Repeat:** N/A
Usage: Optional
Max Use: 4
Purpose: To transmit information in a free-form format for comment or special instruction
Syntax: N/A
Notes: Delivery instructions provided on the release transaction.



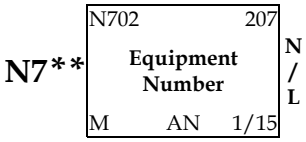
Data Element Summary

REF.	ELEMENT ID	NAME		ATTRIBUTES	
K101	**61**	**Free-form Information** Free-form information	**M**	**AN**	**1/30**
K102	**61**	**Free-form Information** Free-form information	**O**	**AN**	**1/30**

Segment: N7 - Equipment Details

Loop: N/A **Repeat:** N/A
Usage: Optional
Max Use: 99
Purpose: To identify the equipment
Syntax:

Notes:	A	Container IDs listed in related release request.

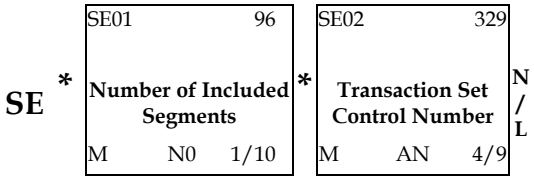


Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES		
N702	**207**	**Equipment Number**	**M**	**AN**	**1/15**
		Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)			
		Container ID			

Segment: SE - Transaction Set Trailer

Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax: N/A
Notes: N/A

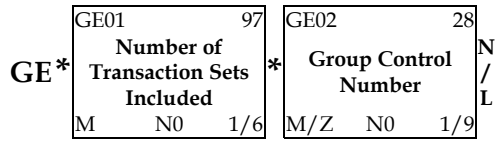


Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES		
SE01	**96**	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments	**M**	**N0**	**1/10**
SE02	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	**M**	**AN**	**4/9**

Segment: GE - Functional Group Trailer

Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of a functional group and to provide control information
Syntax: N/A
Comments 00 The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.
Notes: 02 The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

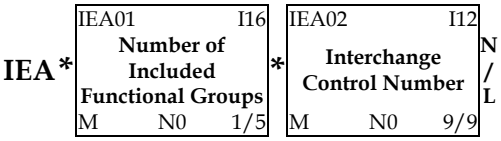


Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES		
GE01	**97**	**Number of Transaction Sets Included** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	**M**	**N0**	**1/6**
GE02	**28**	**Group Control Number** Assigned number originated and maintained by the sender	**M/Z**	**N0**	**1/9**

Segment: IEA - Interchange Control Trailer

Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments
Syntax: N/A
Notes: N/A



Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES		
IEA01	**I16**	**Number of Included Functional Groups** A count of the number of functional groups included in an interchange	**M**	**N0**	**1/5**
IEA02	**I12**	**Interchange Control Number** A control number assigned by the interchange sender	**M**	**N0**	**9/9**

Samples

A PARS, released with delivery instructions and 2 containers:

ST*350*0001
M10*SCAC*ZZ**********REFID
P4*0431*20100304
X4*9999CCN12345**125*31617123456706*20100304*141030*805******0431*9431
K1*DELIVERY INSTRUCTIONS 1*DELIVERY INSTRUCTIONS 2
N7*BICU1234565
N7*BICU1234570
SE*7*0001

Response to a Query/Arrival when release not on file:

ST*350*0001
M10*SCAC*ZZ**********REFID
P4*0000*20100304
X4*9999CCN12345**489*9999CCN12345*20100304*141030*100
SE*5*0001

Technical Glossary of Elements – ANSI 824

ANSI 824			
Name/Segment Name	**ANSI Element Name**	**Description**	**ANSI Element**
Application Acknowledgement Code	Application Acknowledgement Code	IR – Item Reject	OTI01
Application Error Condition Code	Application Error Condition Code	OTH – Other (unspecified application error)	TED01
Cargo Control Number (CCN)	Reference Identification	A number that uniquely identifies the shipment. Consists of a carrier's CBSA assigned Carrier Code, followed by a unique reference number assigned by the carrier.	OTI03
Client supplied reference number	Reference Identification	Referenced back to client	REF02
Copy of Bad Data Element	Copy of Bad Data Element	Identifies the actual error within the segment	TED07
Data Element Reference Number	Data Element Reference Number	Identifies the element ID of the error	TED06.1
Date	Date	Date of receipt of the related inbound message	BGN03
EDI Error Code	Free-form Message	R06 Invalid office code R09 Arrival office does not match release office R10 CCN exceeds maximum size R11Arrival by transaction number not allowed R12 Invalid code R14 Arrival date is future dated R15 Cannot arrive goods already released and acquitted	TED02

		R16 Cannot arrive an in-transit cargo	
Element Position in Segment	Element Position in Segment	Identifies the position of the error within the segment	TED05.1
Reference Identification Qualifier	Reference Identification Qualifier	XC – CCN TN – Transaction Number	OTI02
Time	Time	Time of receipt of the related inbound message	BGN04
Segment ID Code	Segment ID Code	Segment ID of the data segment in error	TED03
Transaction Number (TN)	Reference Identification	Request ID of release transaction.	OTI03
Transaction Set Control Number	Reference Identification	Referenced back to client	BGN02
Transaction Set Purpose Code	Transaction Set Purpose Code	44 – Reject	BGN01

824 Application Advice

FUNCTIONAL GROUP=**AG**

This X12 Transaction Set contains the format and establishes the data contents of the Application Advice Transaction Set (824) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the ability to report the results of an application system's data content edits. The results of editing transaction sets can be reported at the functional group, an entire transaction set, or any portion of a transaction set, in either coded or free-form format. It is designed to accommodate the business need of reporting the acceptance, rejection, acceptance with change, or partial acceptance or rejection of any transaction set. The Application Advice should not be used in place of a transaction set designed as a specific response to another transaction set (e.g., purchase order acknowledgment sent in response to a purchase order).

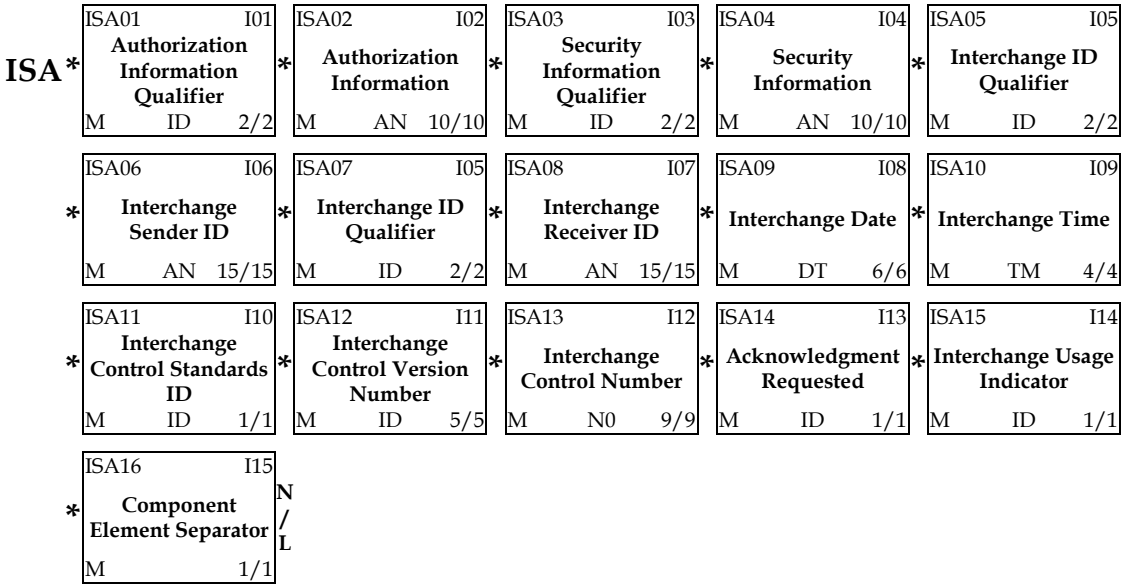
Note: Only the segments used by CBSA are listed and detailed within the tables and maps.

Table 1

POS. #	SEG ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
	ISA	Interchange Control Header			
	GS	Functional Group Header			
0100	**ST**	Transaction Set Header	**M**	**1**	
0200	**BGN**	Beginning Segment	M	1	
		LOOP ID - OTI			**>1**
0100	**OTI**	Original Transaction Identification	M	1	
0200	**REF**	Reference Information	O	>1	
		LOOP ID - TED			**>1**
0700	**TED**	Technical Error Description	O	1	
0900	**SE**	Transaction Set Trailer	M	1	
	GE	Functional Group Trailer			
	IEA	Interchange Control Trailer			

Segment: ISA - Interchange Control Header

Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments
Syntax: N/A
Notes: N/A



Data Element Summary

REF.	ELEMENT ID	NAME			
					ATTRIBUTES
ISA01	**I01**	**Authorization Information Qualifier**	**M**	**ID**	**2/2**
		Code identifying the type of information in the Authorization Information			
		CODE DEFINITION			
		00 No Authorization Information Present (No Meaningful Information in I02)			
ISA02	**I02**	**Authorization Information**	**M**	**AN**	**10/10**
		Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)			
ISA03	**I03**	**Security Information Qualifier**	**M**	**ID**	**2/2**
		Code identifying the type of information in the Security Information			

CODE	DEFINITION
00	No Security Information Present (No Meaningful Information in I04)

ISA04 I04 Security Information — **M AN 10/10**

This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)

ISA05 I05 Interchange ID Qualifier — **M ID 2/2**

Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified

CODE	DEFINITION
02	SCAC (Standard Carrier Alpha Code)
ZZ	Mutually Defined

These are commonly used qualifiers with CBSA.

ISA06 I06 Interchange Sender ID — **M AN 15/15**

Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element

ISA07 I05 Interchange ID Qualifier — **M ID 2/2**

Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified

See ISA05

ISA08 I07 Interchange Receiver ID — **M AN 15/15**

Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them

ISA09 I08 Interchange Date — **M DT 6/6**

Date of the interchange - YYMMDD

ISA10 I09 Interchange Time — **M TM 4/4**

Time of the interchange - HHMM

ISA11 I10 Interchange Control Standards Identifier — **M ID 1/1**

Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer

U – U.S. EDI Community of ASC X12, TDCC, and UCS

ISA12 I11 Interchange Control Version Number **M ID 5/5**

Code specifying the version number of the interchange control segments

CODE	DEFINITION
00200	ASC X12 Standards Issued by ANSI in 1987

ISA13 I12 Interchange Control Number **M N0 9/9**

A control number assigned by the interchange sender

ISA14 I13 Acknowledgment Requested **M ID 1/1**

Code indicating sender's request for an interchange acknowledgment

CODE	DEFINITION
0	No Interchange Acknowledgment Requested

ISA15 I14 Interchange Usage Indicator **M ID 1/1**

Code indicating whether data enclosed by this interchange envelope is test, production or information

CODE	DEFINITION
P	Production Data
T	Test Data

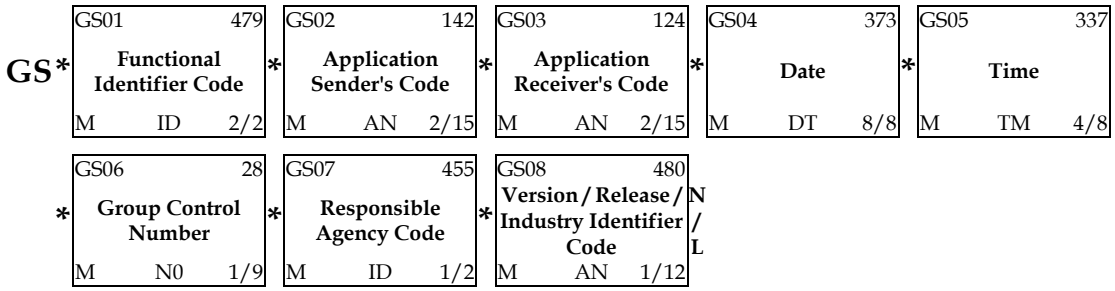
ISA16 I15 Component Element Separator **M 1/1**

Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

Segment: GS - Functional Group Header

Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a functional group and to provide control information
Syntax N/A
Comments:
00 A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

Notes:
04 GS04 is the group date.
05 GS05 is the group time.
06 The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.



Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES
GS01	**479**	**Functional Identifier Code** Code identifying a group of application related transaction sets CODE DEFINITION **AG** Application Advice (824)	**M ID 2/2**
GS02	**142**	**Application Sender's Code** Code identifying party sending transmission; codes agreed to by trading partners	**M AN 2/15**
GS03	**124**	**Application Receiver's Code** Code identifying party receiving transmission; codes agreed to by trading partners	**M AN 2/15**
GS04	**373**	**Date** Date expressed as CCYYMMDD where CC represents the first	**M/Z DT 8/8**

two digits of the calendar year

GS05 337 Time M/Z TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

GS06 28 Group Control Number M/Z N0 1/9

Assigned number originated and maintained by the sender

GS07 455 Responsible Agency Code M ID 1/2

Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

CODE	DEFINITION
X	Accredited Standards Committee X12

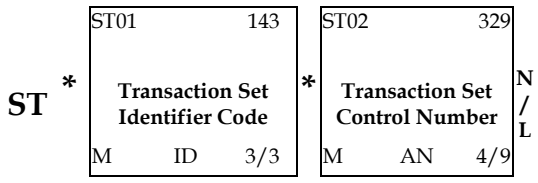
GS08 480 Version / Release / Industry Identifier Code M AN 1/12

Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments. If code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers.

CODE	DEFINITION
005040	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2006

Segment: ST – Transaction Set Header

Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax: N/A
Notes: N/A



Data Element Summary

REF.	ELEMENT ID	NAME		ATTRIBUTES	
ST01	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set CODE DEFINITION **824** Application Advice	**M**	**ID**	**3/3**
ST02	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	**M**	**AN**	**4/9**

Segment: BGN - Beginning Segment

Loop: N/A **Repeat:** N/A
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a transaction set
Syntax: 05 C0504 - If BGN05 is present, then BGN04 is required.
Notes:

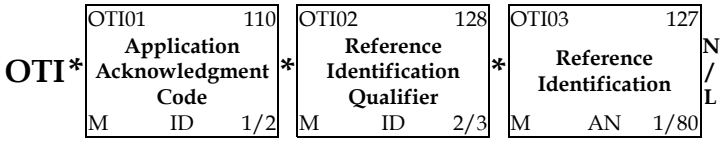
	BGN01		BGN02		BGN03		BGN04		
BGN *	353 **Transaction Set Purpose Code**	*	127 **Reference Identification**	*	373 **Date**	*	337 **Time**		N / L
	M ID 2/2		M AN 1/80		M DT 8/8		X TM 4/8		

Data Element Summary

REF.	ELEMENT ID	NAME		ATTRIBUTES	
BGN01	**353**	**Transaction Set Purpose Code**	**M**	**ID**	**2/2**
		Code identifying purpose of transaction set CODE DEFINITION **44** Rejection			
BGN02	**127**	**Reference Identification**	**M**	**AN**	**1/80**
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier The transaction set control number from the ST02 element of the related inbound message.			
BGN03	**373**	**Date**	**M**	**DT**	**8/8**
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year Date of receipt of the related inbound message.			
BGN04	**337**	**Time**	**X**	**TM**	**4/8**
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) Time of receipt of the related inbound message.			

Segment: OTI - Original Transaction Identification

Loop: OTI **Repeat:** >1
Usage: Mandatory
Max Use: 1
Purpose: To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result
Syntax: 09 C0908 - If OTI09 is present, then OTI08 is required.
Notes: N/A

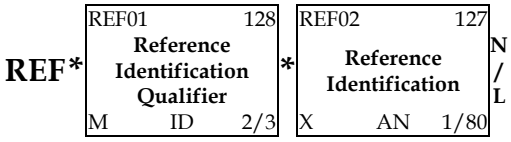


Data Element Summary

REF.	ELEMENT ID	NAME		ATTRIBUTES	
OTI01	**110**	**Application Acknowledgment Code** Code indicating the application system edit results of the business data CODE DEFINITION **IR** Item Reject	**M**	**ID**	**1/2**
OTI02	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification CODE DEFINITION **XC** Cargo Control Number **TN** Transaction Control Number	**M**	**ID**	**2/3**
OTI03	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Cargo Control Number (CCN) or Transaction Number (TN) in error	**M**	**AN**	**1/80**

Segment: REF - Reference Information

Loop: N/A **Repeat:** N/A
Usage: Optional
Max Use: 1
Purpose: To specify identifying information
Syntax: 02 R0203 - At least one of REF02 or REF03 is required.
Notes:

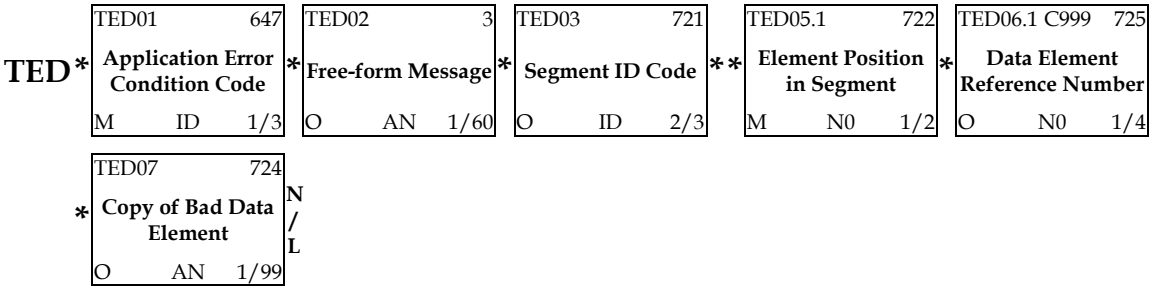


Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES		
REF01	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification CODE / DEFINITION **ZZ** Mutually Defined	**M**	**ID**	**2/3**
REF02	**127**	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier The client-supplied reference number from the M1012 of the related 353 transaction set.	**X**	**AN**	**1/80**

Segment: TED - Technical Error Description

Loop: TED **Repeat:** >1
Usage: Required
Max Use: 1
Purpose: To identify the error and, if feasible, the erroneous segment, or data element, or both
Syntax: N/A
Notes: Application Reject



Data Element Summary

REF.	ELEMENT ID	NAME		ATTRIBUTES	
TED01	**647**	**Application Error Condition Code** Code indicating application error condition	**M**	**ID**	**1/3**
		CODE DEFINITION **OTH** Other - *Unspecified application error*			
TED02	**3**	**Free-form Message** EDI Error Code	**O**	**AN**	**1/60**
		CODE DEFINITION **R06** Invalid office code **R09** Arrival office does not match release office **R10** CCN exceeds maximum size **R11** Arrival by transaction number not allowed **R12** Invalid code **R14** Arrival date is future dated **R15** Cannot arrive goods already released and acquitted **R16** Cannot arrive an in-transit cargo			
TED03	**721**	**Segment ID Code** Code defining the segment ID of the data segment in error	**O**	**ID**	**2/3**

TED05	**C030**	**Position in Segment**	**O**		
TED05.1	**722**	**Element Position in Segment**	**M**	**N0**	**1/2**

This is used to indicate the relative position of a simple data element in the data segment the count starts with 1 for the simple data element.

Identifies the position of the error within the segment

TED06	**C999**	**Reference in Segment**	**O**		

To hold the reference number of a data element and optionally a component data element within a composite

TED06.1	**725**	**Data Element Reference Number**	**M**	**N0**	**1/4**

Reference number used to locate the data element in the Data Element Dictionary

Identifies the element ID

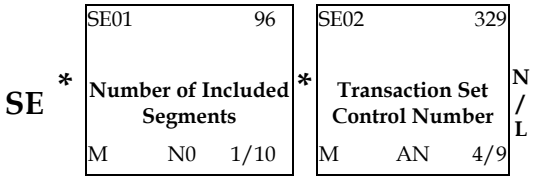
TED07	**724**	**Copy of Bad Data Element**	**O**	**AN**	**1/99**

This is a copy of the data element in error

Identifies the actual error in the segment

Segment: SE - Transaction Set Trailer

Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax: N/A
Notes: N/A

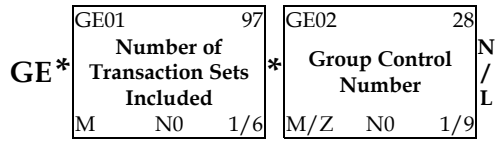


Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES		
SE01	**96**	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments	**M**	**N0**	**1/10**
SE02	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	**M**	**AN**	**4/9**

Segment: GE - Functional Group Trailer

Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of a functional group and to provide control information
Syntax: N/A
Comments 00 The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.
Notes: 02 The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

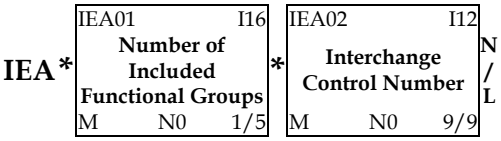


Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES		
GE01	**97**	**Number of Transaction Sets Included** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	**M**	**N0**	**1/6**
GE02	**28**	**Group Control Number** Assigned number originated and maintained by the sender	**M/Z**	**N0**	**1/9**

Segment: IEA - Interchange Control Trailer

Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments
Syntax: N/A
Notes: N/A



Data Element Summary

REF.	ELEMENT ID	NAME		ATTRIBUTES	
IEA01	**I16**	**Number of Included Functional Groups** A count of the number of functional groups included in an interchange	**M**	**N0**	**1/5**
IEA02	**I12**	**Interchange Control Number** A control number assigned by the interchange sender	**M**	**N0**	**9/9**

Sample

Rejected arrival, arrival office does not match release office:

ST*824*0001
BGN*44*0001*20100304*141030
OTI*IR*XC*9999CCN12345
REF*ZZ*REFID
TED*OTH*R09*P4**1*310*0431
SE*6*0001

997 Functional Acknowledgment

FUNCTIONAL GROUP=**FA**

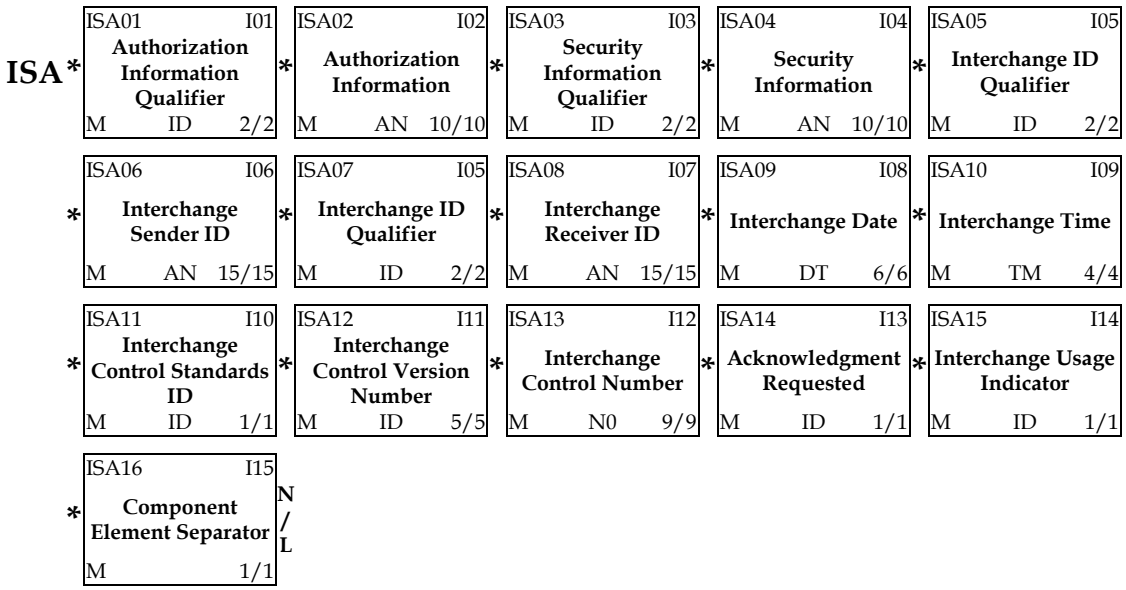
This X12 Transaction Set contains the format and establishes the data contents of the Functional Acknowledgment Transaction Set (997) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to define the control structures for a set of acknowledgments to indicate the results of the syntactical analysis of the electronically encoded documents. The encoded documents are the transaction sets, which are grouped in functional groups, used in defining transactions for business data interchange. This standard does not cover the semantic meaning of the information encoded in the transaction sets.

Table 1

POS. #	SEG ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
	ISA	Interchange Control Header			
	GS	Functional Group Header			
0100	**ST**	Transaction Set Header	**M**	**1**	
0200	**AK1**	Functional Group Response Header	M	1	
	LOOP ID - AK2				**>1**
0300	**AK2**	Transaction Set Response Header	O	1	
	LOOP ID - AK3				**>1**
0400	**AK3**	Data Segment Note	O	1	
0500	**AK4**	Data Element Note	O	99	
0600	**AK5**	Transaction Set Response Trailer	M	1	
0700	**AK9**	Functional Group Response Trailer	M	1	
0800	**SE**	Transaction Set Trailer	M	1	
	GE	Functional Group Trailer			
	IEA	Interchange Control Trailer			

Segment: ISA - Interchange Control Header

Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments
Syntax: N/A
Notes: N/A



Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES
ISA01	**I01**	**Authorization Information Qualifier** Code identifying the type of information in the Authorization Information CODE DEFINITION **00** No Authorization Information Present (No Meaningful Information in I02)	**M ID 2/2**
ISA02	**I02**	**Authorization Information** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	**M AN 10/10**
ISA03	**I03**	**Security Information Qualifier** Code identifying the type of information in the Security	**M ID 2/2**

Information

CODE	DEFINITION
00	No Security Information Present (No Meaningful Information in I04)

ISA04 I04 Security Information — **M AN 10/10**

This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)

ISA05 I05 Interchange ID Qualifier — **M ID 2/2**

Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified

CODE	DEFINITION
02	SCAC (Standard Carrier Alpha Code)
ZZ	Mutually Defined

These are commonly used qualifiers with CBSA.

ISA06 I06 Interchange Sender ID — **M AN 15/15**

Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element

ISA07 I05 Interchange ID Qualifier — **M ID 2/2**

Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified

See ISA05

ISA08 I07 Interchange Receiver ID — **M AN 15/15**

Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them

ISA09 I08 Interchange Date — **M DT 6/6**

Date of the interchange - YYMMDD

ISA10 I09 Interchange Time — **M TM 4/4**

Time of the interchange - HHMM

ISA11 I10 Interchange Control Standards Identifier — **M ID 1/1**

Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header

and trailer

U – U.S. EDI Community of ASC X12, TDCC, and UCS

ISA12 I11 Interchange Control Version Number M ID 5/5

Code specifying the version number of the interchange control segments

CODE	DEFINITION
00200	ASC X12 Standards Issued by ANSI in 1987

ISA13 I12 Interchange Control Number M N0 9/9

A control number assigned by the interchange sender

ISA14 I13 Acknowledgment Requested M ID 1/1

Code indicating sender's request for an interchange acknowledgment

CODE	DEFINITION
0	No Interchange Acknowledgment Requested

ISA15 I14 Interchange Usage Indicator M ID 1/1

Code indicating whether data enclosed by this interchange envelope is test, production or information

CODE	DEFINITION
P	Production Data
T	Test Data

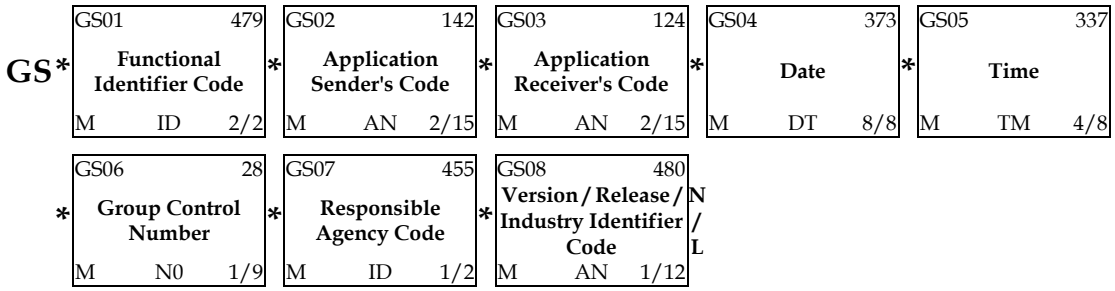
ISA16 I15 Component Element Separator M 1/1

Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

Segment: GS - Functional Group Header

Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a functional group and to provide control information
Syntax N/A
Comments:
00 A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

Notes:
04 GS04 is the group date.
05 GS05 is the group time.
06 The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.



Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES		
GS01	**479**	**Functional Identifier Code** Code identifying a group of application related transaction sets CODE DEFINITION **FA** Application Advice (997)	**M**	**ID**	**2/2**
GS02	**142**	**Application Sender's Code** Code identifying party sending transmission; codes agreed to by trading partners	**M**	**AN**	**2/15**
GS03	**124**	**Application Receiver's Code** Code identifying party receiving transmission; codes agreed to by trading partners	**M**	**AN**	**2/15**
GS04	**373**	**Date**	**M/Z**	**DT**	**8/8**

Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

GS05 337 Time M/Z TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

GS06 28 Group Control Number M/Z N0 1/9

Assigned number originated and maintained by the sender

GS07 455 Responsible Agency Code M ID 1/2

Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

CODE	DEFINITION
X	Accredited Standards Committee X12

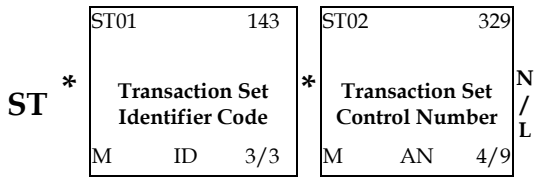
GS08 480 Version / Release / Industry Identifier Code M AN 1/12

Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments. If code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers.

CODE	DEFINITION
005040	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2006

Segment: ST – Transaction Set Header

Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax: N/A
Notes: N/A

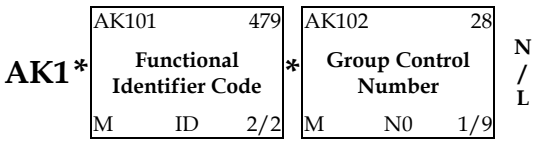


Data Element Summary

REF.	ELEMENT ID	NAME		ATTRIBUTES	
ST01	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set CODE DEFINITION 997 Functional Acknowledgment	**M**	**ID**	**3/3**
ST02	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	**M**	**AN**	**4/9**

Segment: AK1 - Functional Group Response Header

Loop: N/A **Repeat:** N/A
Usage: Mandatory
Max Use: 1
Purpose: To start acknowledgment of a functional group
Syntax: N/A
Notes: N/A

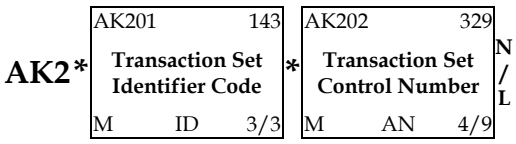


Data Element Summary

REF.	ELEMENT ID	NAME		ATTRIBUTES	
AK101	**479**	**Functional Identifier Code**	**M**	**ID**	**2/2**
		Code identifying a group of application related transaction sets			
AK102	**28**	**Group Control Number**	**M**	**N0**	**1/9**
		Assigned number originated and maintained by the sender			

Segment: AK2 - Transaction Set Response Header

Loop: AK2 **Repeat:** >1
Usage: Optional
Max Use: 1
Purpose: To start acknowledgment of a single transaction set
Syntax: N/A
Notes: N/A

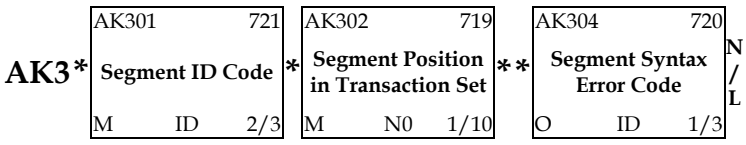


Data Element Summary

REF.	ELEMENT ID	NAME		ATTRIBUTES	
AK201	**143**	**Transaction Set Identifier Code** To start acknowledgment of a single transaction set	**M**	**ID**	**3/3**
AK202	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	**M**	**AN**	**4/9**

Segment: AK3 - Data Segment Note

Loop: AK2/AK3 **Repeat:** >1
Usage: Optional
Max Use: 1
Purpose: To report errors in a data segment and identify the location of the data segment
Syntax: N/A
Notes: N/A



Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES		
AK301	**721**	**Segment ID Code** Code defining the segment ID of the data segment in error	**M**	**ID**	**2/3**
AK302	**719**	**Segment Position in Transaction Set** The numerical count position of this data segment from the start of the transaction set: the transaction set header is count position 1	**M**	**N0**	**1/10**
AK304	**720**	**Segment Syntax Error Code** Code indicating error found based on the syntax editing of a segment	**O**	**ID**	**1/3**

CODE	DEFINITION
1	Unrecognized segment ID
2	Unexpected segment
3	Mandatory segment missing
4	Loop Occurs Over Maximum Times
5	Segment Exceeds Maximum Use
6	Segment Not in Defined Transaction Set
7	Segment Not in Proper Sequence
8	Segment Has Data Element Errors

Segment: AK4 - Data Element Note

Loop: N/A **Repeat:** N/A
Usage: Optional
Max Use: 99
Purpose: To report errors in a data element or composite data structure and identify the location of the data element
Syntax: N/A
Notes: N/A

AK4	AK401.1 C030 722		AK402 725		AK403 723		AK404 724	
	Element Position in Segment	*	Data Element Reference Number	*	Data Element Syntax Error Code	*	Copy of Bad Data Element	N/L
	M N0 1/2		O N0 1/4		M ID 1/3		O AN 1/99	

Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES		
AK401	**C030**	**Position in Segment**	**M**		
		Code indicating the relative position of the simple data element or composite data structure in error within a segment, count beginning with 1 for the position immediately following the segment ID; additionally indicating the relative position of a repeating structure in error, count beginning with 1 for the position immediately following the preceding element separator; additionally indicating the relative position of a component of a composite data structure in error, count beginning with 1 for the position following the preceding element or repetition separator		
AK401.1	**722**	**Element Position in Segment**	**M**	**N0**	**1/2**
		This is used to indicate the relative position of a simple data element, or the relative position of a composite data structure with the relative position of the component within the composite data structure, in error; in the data segment the count starts with 1 for the simple data element or composite data structure immediately following the segment ID			
AK402	**725**	**Data Element Reference Number**	**O**	**N0**	**1/4**
		Reference number used to locate the data element in the Data Element Dictionary			
AK403	**723**	**Data Element Syntax Error Code**	**M**	**ID**	**1/3**

Code indicating the error found after syntax edits of a data element

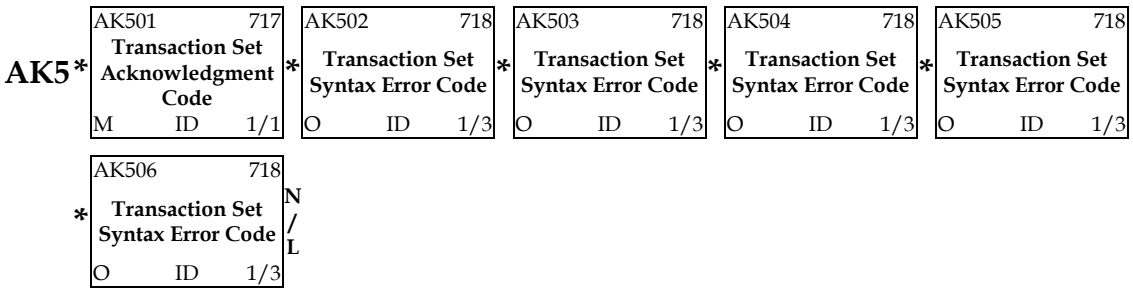
CODE	DEFINITION
1	Mandatory data element missing
2	Conditional required data element missing
3	Too many data elements. *More data elements existed than defined for the segment*
4	Data element too short.
5	Data element too long.
6	Invalid character in data element.
7	Invalid code value.
8	Invalid Date
9	Invalid Time
10	Exclusion Condition Violated

AK404 724 Copy of Bad Data Element O AN 1/99

This is a copy of the data element in error

Segment: AK5 - Transaction Set Response Trailer

Loop: N/A **Repeat:** N/A
Usage: Mandatory
Max Use: 1
Purpose: To acknowledge acceptance or rejection and report errors in a transaction set
Syntax: N/A
Notes: N/A



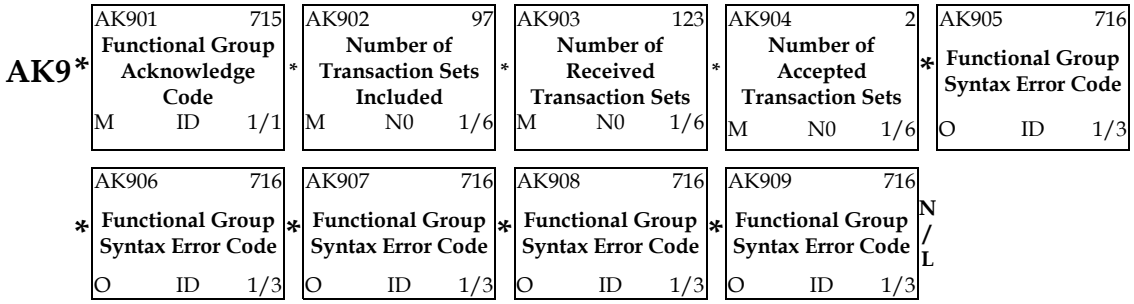
Data Element Summary

REF.	ELEMENT ID	NAME		ATTRIBUTES	
AK501	**717**	**Transaction Set Acknowledgment Code** Code indicating accept or reject condition based on the syntax editing of the transaction set CODE / DEFINITION **A** Accepted **R** Rejected	**M**	**ID**	**1/1**
AK502 – AK506	**718**	**Transaction Set Syntax Error Code** Code indicating error found based on the syntax editing of a transaction set CODE / DEFINITION **1** Transaction Set Not Supported **2** Transaction Set Trailer Missing **3** Transaction Set Control Number in Header and Trailer Do Not Match **4** Number of Included Segments Does Not Match Actual Count **5** One or More Segments in Error	**O**	**ID**	**1/3**

6	Missing or Invalid Transaction Set Identifier
7	Missing or Invalid Transaction Set Control Number
18	Transaction Set not in Functional Group
23	Transaction Set Control Number Not Unique within the Functional Group

Segment: AK9 - Functional Group Response Trailer

Loop: N/A **Repeat:** N/A
Usage: Mandatory
Max Use: 1
Purpose: To acknowledge acceptance or rejection of a functional group and report the number of included transaction sets from the original trailer, the accepted sets, and the received sets in this functional group
Syntax: N/A
Notes: N/A



Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES
AK901	**715**	**Functional Group Acknowledge Code**	**M ID 1/1**

Code indicating accept or reject condition based on the syntax editing of the functional group

CODE	DEFINITION
A	Accepted
P	Partially Accepted, At Least One Transaction Set Was Rejected
R	Rejected

AK902	**97**	**Number of Transaction Sets Included**	**M N0 1/6**

Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element

AK903	**123**	**Number of Received Transaction Sets**	**M N0 1/6**

Number of Transaction Sets received

AK904	**2**	**Number of Accepted Transaction Sets**	**M N0 1/6**

Number of accepted Transaction Sets in a Functional Group

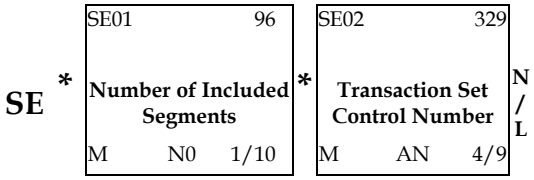
AK905 – AK909 **716 Functional Group Syntax Error Code** **O ID 1/3**

Code indicating error found based on the syntax editing of the functional group header and/or trailer

CODE	DEFINITION
1	Functional Group Not Supported
2	Functional Group Version Not Supported
3	Functional Group Trailer Missing
4	Group Control Number in the Functional Group Header and Trailer Do Not Agree
5	Number of Included Transaction Sets Does Not Match Actual Count
6	Group Control Number Violates Syntax
7	Invalid Application Sender's Code
8	Invalid Application Receiver's Code
9	Invalid Responsible Agency Code
19	Functional Group Control Number not Unique within Interchange
30	Invalid Group Date
31	Invalid Group Time

Segment: SE - Transaction Set Trailer

Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax: N/A
Notes: N/A

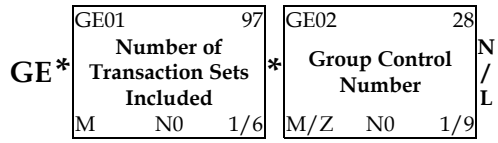


Data Element Summary

REF.	ELEMENT ID	NAME		ATTRIBUTES	
SE01	**96**	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments	**M**	**N0**	**1/10**
SE02	**329**	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	**M**	**AN**	**4/9**

Segment: GE - Functional Group Trailer

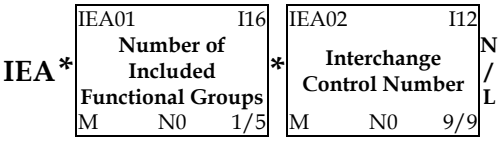
Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of a functional group and to provide control information
Syntax: N/A
Comments 00 The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.
Notes: 02 The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.



Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES		
GE01	**97**	**Number of Transaction Sets Included** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	**M**	**N0**	**1/6**
GE02	**28**	**Group Control Number** Assigned number originated and maintained by the sender	**M/Z**	**N0**	**1/9**

Segment: **IEA - Interchange Control Trailer**
Loop: N/A **Repeat** N/A
Usage: Mandatory
Max Use: 1
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments
Syntax: N/A
Notes: N/A



Data Element Summary

REF.	ELEMENT ID	NAME	ATTRIBUTES		
IEA01	**I16**	**Number of Included Functional Groups** A count of the number of functional groups included in an interchange	**M**	**N0**	**1/5**
IEA02	**I12**	**Interchange Control Number** A control number assigned by the interchange sender	**M**	**N0**	**9/9**

Samples

Arrival with an invalid date:

ST*353*0001
M10*SCAC*ZZ**********REFID
P4*0431*20100222
M15*2*9999CCN12345*20101332*0431**1410
SE*5*0001

Sample syntax error produced by this arrival:

ST*997*0001
AK1*AX*00001
AK2*353*0001
AK3*M15*4**8
AK4*3*373*8*20101332
AK5*R*5
AK9*P*1*1*0
SE*8*0001