CANADA BORDER SERVICES AGENCY

Release Notification System (RNS)

Participants' Requirements Document

Published by the Canada Border Services Agency
under the authority of the
Minister of Public Safety Canada

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APPENDIX

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 Background

The Release Notification System (RNS) was implemented in May 1990. The RNS service offers a more 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.

The Canada Border Services Agency (CBSA) transmits release notification messages to the participant's EDI mailbox. The participant then retrieves the release notification data. The RNS message includes the "released" status, transaction number, date and time of release, release office code, applicable cargo control number (CCN), service option ID (SOID), Sublocation code, container Id's and Delivery Instructions. Where multiple CCN's are associated with a transaction number, a separate release notification message is transmitted for each CCN.

Participants have a two-way communication with the CBSA, which facilitates pre-arrival review processing. Prior to the arrival of the goods, participants are able to verify whether the CBSA has processed the PARS documentation submitted by the importer/broker. Participants may receive automatic "Declaration accepted - awaiting goods' arrival" status information from the CBSA each time the applicable PARS records are created by the CBSA, when they are on Auto Status. The participant may query the CBSA automated system against individual transaction/cargo control numbers to determine the status of the release transaction. Once the goods have arrived, participants are able to notify the CBSA of the arrival of the goods and be provided a message with the status, i.e., released or referred for examination.

1.2 RNS Benefits

RNS provide a number of benefits to clients:

- Receive release messages in an electronic format on a 7 days per week, 24 hours per day basis.
- Update a participant's systems e.g., 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 7/24 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.

1.3 Electronic Data Interchange Standards

The United Nations EDI International standard "**E**lectronic **D**ata **I**nterchange **F**or **A**dministration, **C**ommerce, and **T**ransport" (**EDIFACT**) is the message standard which is used by RNS. The following are the two (2) messages which will be used to transmit the data to/from the CBSA.

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

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

Effective May 1997 the UN/EDIFACT Directory Version 91.2 of the RNS system was upgraded to support the UN/EDIFACT Directory Version 96.A. The 96.A version of the RNS message provides additional functionality supported by the 96.A EDI Release Application. Three major additions to the 96.A message functionality include delivery instructions, container numbers and data element requirements for Other Government Departments (OGD) (i.e. Canadian Food Inspection Agency (CFIA), Industry Canada, Natural Resources Canada and Transport Canada). If any of these functions are supplied with the 96.A version of the EDI release (or hard copy release), they will be included in the CUSRES RNS release message (96.A version only).

The introduction of Customs Self Assessment (CSA) in 2001, required changes to the 96A map and enabled the introduction of a new version of the map to be developed, hence 99B. The additions to 96A map, as a result of the map upgrade, included the addition of a document message code of 931 which indicates CSA; allowing CSA approved clients to transmit the cargo message to CBSA. Therefore message code functions were required, 1 = cancel; 4=change, and 9= original. Also, the addition of new fields including the CSA Importer Business Number, the location of goods, customs warehouse and Customs sub-location were added to the map for CSA shipments.

The older 91.2 version will no longer be available for new clients, however it will be supported by the CBSA until further notice.

Although changes were incorporated into 96.A map, the changes were not mandatory to the clients already using 96A, CBSA will maintain two versions of 96A map, prior to CSA and post CSA.

Appendix "F" provides the record layout of the EDIFACT Customs Report (CUSREP) and the Customs Response (CUSRES) messages that are utilized for RNS. Both the 96.A maps and the 99B map versions of the message are supplied.

1.4 Telecommunication Interfaces

The use of EDI requires that telecommunication interfaces be established between the electronic trading partners. These interfaces are provided by third party Value Added Networks (VANs), CADEX communication lines or the Canada Customs Internet & Gateway. The CBSA currently connects to a number of public VAN suppliers.

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 by establishing an EDI mailbox with a VAN. Information on third party networks may be found in Appendix "G". Clients will be responsible for all transmission costs associated with transmitting data to/from the CBSA.

Clients can also receive their RNS messages over the CADEX communication line & the Internet. Although RNS is in EDIFACT format, clients may inquire to ECU as to minor changes required to use the CADEX or Internet protocol in sending/receiving data.

1.5 Processing Overview

In planning to address the multiple EDI demands, the CBSA has implemented 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.

1.5.1 '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 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 VAN 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 SOID.

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 “D”.

1.5.2 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 "to be released" or "to be referred for examination" recommendation, 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 a CUSREP 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 Appendix H, Customs Notice N-367 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, a CUSRES 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 CUSRES 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 CUSRES 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 a CUSREP 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 CUSRES "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 CUSREP arrival certification will receive the CUSRES with the "referred" status. Once the CBSA has performed the examination of the goods and the system is updated with a "released" decision, a CUSRES "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 “D”.

1.5.3 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 CUSRES message with a status of “Transaction Awaiting Processing”. Query messages with invalid data would be responded to with a CUSRES 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.

1.5.4 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 CUSRES 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).

1.5.5 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. Effective April 1, 2001, 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, Client Services Division 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 a participant is accepted for participation in the arrival feature of RNS and should their role change, the participant's original profile may require updating. For example, if a freight forwarder is also the warehouse operator at Customs office 0497 (i.e., sending arrival certification), and this freight forwarder decides to conduct business at another location (i.e., will be sending arrival certification for customs office 0821), where they are not one and the same 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:

Canada Border Services Agency
Major Project and Systems
Systems Operations & Business Support – Commercial Division
Electronic Commerce Unit
6th Floor, 250 Tremblay Road
Ottawa, Ontario K1A 0L8
FAX: (613) 952-9979

Attn: MANAGER

Where the participant's role does not change from one location to another, no profile update is required. Participants are encouraged to discuss their participation at new locations with local Customs representatives.

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 2.4). 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 test 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 (VAN's) 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 for the CUSREP messages 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 our toll free 'hotline' number at 1-888-957-7224 to receive an automated message as to whether or not EDI systems such as RNS are currently being affected by a known problem.

If the client wishes to report a problem, he may call 1-888-957-7224 in order to speak directly to an Electronic Commerce Unit client representative. The client should supply as much supporting details as possible, to help track and resolve the problem. The CBSA will investigate the problem and get back to the user within a reasonable amount of time with either a proposed solution or an update on the status of the investigation. The Electronic Commerce Unit client representative may have to contact the Information Technology Branch (IT) to report the problem. IT would then investigate the matter and correct any problem it may uncover.

All 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 will be advised of any system problems and directed to the pager for assistance.

3.2 Problem Resolution

All problems will be documented by the Electronic Commerce Unit representative and assigned a priority for resolution. In most cases the problems reported by participants will be described over the telephone and will require immediate attention. The problem will first be categorized as an application problem or a technical communication problem and assigned a high, medium or low priority.

When the problem is limited to the participant's environment, to ensure full data preservation, the participant is expected to notify the CBSA of any situation which could prevent receipt of customs transmissions.

The Electronic Commerce Unit representative will assign a priority to each problem as follows:

High Priority - A problem which prevents the transmission or receipt of electronic messages between the CBSA and the client.

Medium Priority - The transmission and receipt of the electronic message is working properly but there is a problem with the content of the message thus preventing the client from effectively processing the data received.

Low Priority - All other problems.

The CBSA will endeavour to give users advance notice of any scheduled system outages and will advise users of problem situations. Participants will be contacted by FAX and/or e-mail to inform them of the problem situation and the steps being taken to correct it. The “hotline” number at 1-888-957-7224 will be updated with the status of the problem.

3.3 Audit Trails & Back Up Provisions

The CBSA keeps a back-up 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.

3.4 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.

4.0 RECORD KEEPING AND 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 Id’s 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 prominent.

A sample of a release message is provided in Appendix "E". 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 (i.e., diskette) is acceptable provided the medium can be related to the supporting source documents and is supported by a system capable of producing 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 most recent 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 Canada Border Services Agency.

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

   Mail completed form to:

   Manager, Electronic Commerce Unit
   Systems Operations & Business Support - Commercial
   Canada Border Services Agency
   6th Floor, 250 Tremblay Road
   Ottawa, Ontario K1A 0L8

   Or forward by facsimile to: (613) 952-9979

APPENDIX "C"

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. Complete either 4a) or 4b) or 4c):

   a) Indicate the name of the Value Added Network (VAN) to be used and identify the name or number of the mailbox at the VAN to where your CUSRES messages will be sent. Identify the name of the company paying for the mailbox and the relationship to the RNS participant; **or**

   b) Indicate the Cadex line transmission site identifier to where your CUSRES messages will be sent. Identify the name of the company paying for the Cadex line and the relationship to the RNS participant.

   c) Indicate “yes” or “no” to identify whether or not the RNS participant will send RNS data over the internet.

5. Indicate whether the RNS application software was developed in-house or purchased and what is the version of the UN/EDIFACT 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.

6. Indicate the Requested Date for the Profile Implementation.

RNS
Participant Profile - Application Form

1. Participant: _____

   Type of business: _____

2. Contact's Name: _____ Telephone: _____

   Contact's Title: _____ Facsimile: _____

   Mailing Address: _____

   _____

3. Complete one or more of the following options:

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.

4. Complete either a) **or** b) **or** c):

   a) Name of Value Added Network (VAN):_____

   Participant's Mailbox Identifier at the VAN:_____
   Owner of Mailbox: _____

   Relationship of Mailbox
   Owner to Participant: _____

   b) Cadex Line Transmission Site Identifier: _____

   Owner of Cadex Line: _____

   Relationship of Cadex Line
   Owner to Participant: _____

c) Customs Internet Gateway (**yes** or **no**):_____

Certificate #: _____

5. RNS Application Software: **(check one)** Developed In-House: _____

or

Purchased Software: _____

UN/EDIFACT map version(96A or other) _____

If RNS software is purchased, is the supplier a Registered Vendor with the CBSA:_____
(Yes or No)

If yes, supply details of application software product:

Name of Vendor: _____

Name of Product: _____

Product Version/Release #: _____

Product Release Date: _____

6. Requested Date for Profile Implementation : _____

Example of Completed

Participant Profile Application Form

1. Participant: ABC Trucking Ltd.

   Type of business: Post-Audit Carrier

2. Contact's Name: John Smith Telephone: 905-123-3456

   Contact's Title: Operations Manager Facsimile: 905-123-3457

   Mailing Address: 3454 Millar Rd., Unit 5,
   Mississauga, Ontario L5B 1K4

3. Complete one or more of the following options:

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

4. Complete either a) **or** b) **or** c):

   a) Name of Value Added Network (VAN): Global Carrier Network International
   Participant's Mailbox Identification at the VAN: ABC12345

   Owner of Mailbox: ABC Trucking Ltd.

   Relationship of Mailbox
   Owner to Participant: Same

   b) Cadex Line Transmission Site Identifier:

   Owner of Cadex Line:

   Relationship of Cadex Line
   Owner to Participant:

c) Customs Internet Gateway (**yes** or **no**) No

5. RNS Application Software: **(check one)** Developed In-House:

or

Purchased Software: X

UN/EDIFACT map version (96A or other): 96A

If RNS software is purchased, is the supplier a Registered Vendor with the CBSA: YES

If yes, supply details of application software product:

Name of Vendor: RNS Software Developers Inc.

Name of Product: EASY-RNS

Product Version/Release #: Ver. 1.1

Product Release Date:: May 2000

6. Requested Date for Profile Implementation : November 1, 2000

APPENDIX "D"

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 "E"

Sample of Release Message

RNS

Sample of Release Message

CANADA CUSTOMS RESPONSE/RELEASE NOTIFICATION REPORT

RELEASE DATE:	2004:05:29
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 "F"

CUSRES and CUSREP Message Maps (EDIFACT Version 96.A)

CUSRES and CUSREP Message Maps (EDIFACT Version 99.B)

Canada Border Service Agency

CBSA RESPONSE MESSAGE

RELEASE NOTIFICATION MESSAGE

EDIFACT/CUSRES MESSAGE MAP
(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.

1.1 UN/EDIFACT VERSION OF CUSRES

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

The functionality included in Version 96.A of the RNS message was made in association with enhancements made to the EDI Release application. The following is an overview of the enhancements to the 96.A Version of RNS.

- Support for EDI Agriculture Release transactions > a new processing indicator has been added to the GIS segment. Code 8 = Goods May Move under Customs Transfer, Detain at Destination (the goods have been released by Customs but require further action by Canadian Food Inspection Agency at the inland destination).

- Container IDs. > Container Numbers can be supplied in the RNS message, if they were supplied with the inbound EDI release message.

- Delivery Instructions > EDI release clients can provide delivery instructions within the EDI release message. If they are supplied, they will be included in the outbound RNS message. The size of the Delivery Instructions field supports 140 characters.

2.0 DATA ELEMENT INFORMATION REQUIREMENTS

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

2.1 CBSA Response Data Element Names

Identification of the CBSA response data elements and associated code lists.

2.2 EDIFACT Tag or ID.

Every EDIFACT element is assigned a unique "Tag" number for reference purposes. These are defined within the EDIFACT data element directories. It should be noted that the "tag" is not transmitted within the EDI messages, only the data content is transmitted.

2.3 UN/EDIFACT Element Names

This column of the matrix identifies the textual name of the EDIFACT data element. There are four (4) types of elements defined. Description of each is provided below.

[SEGMENT NAME] - Defines a high level group name of the subordinate data elements. These are shown in bold capital letters within square brackets.

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. The composite data element name is represented by capital letters.

Component Data Element - Identification of a component data element which is part of a composite data element. Represented by upper & lowercase characters.

SIMPLE DATA ELEMENT NAME - Name of an unique/individual data element with a segment, a "simple" data element contains one element for a single function/use. These data elements are represented with uppercase characters.

2.4 Data Type/Size

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

a = Alpha characters (a to z)
n = Numeric characters (0 to 9)
an = Alphanumeric characters (a to z, 0 to 9, plus special characters)
.. = Two periods indicate a variable length field, else it is a fixed length field

Examples :

a5 = alpha must be 5 in length
a..5 = alpha up to 5 in length
n15 = numeric must be 15 in length
an..12 = alpha numeric up to 12 in length
an9..15 = alpha numeric, must be minimum 9 characters, up to 15 allowed

2.5 UN/EDIFACT Message Content and Syntax

This set of columns provides the details of the content of the data element, the required syntax (data separation characters) and code descriptions or notes related to the element.

2.5.1 Values

Values specified in uppercase characters are the specific data values which must be entered for the element.

Values specified in upper-lowercase identify a source or type of data (examples; Assigned, Country Code, Textual name).

Some of the values indicate a list of numbers representing a coded value for a specific function of the data element.

2.5.2 Syntax

The EDIFACT message structure is controlled using a set of special characters to control the position of data within a segment. The required syntax to be transmitted after each value is provided in this column.

2.5.3 Notes or Code Descriptions

Any applicable notes related to the use or source of a data element is provided in this column. Many of the EDIFACT segments require qualifier codes to be transmitted. These codes are

defined within the EDIFACT data element directories. If codes are used the textual description of the code is provided within { } (examples; ADZ = {Trader Account Number}, 105 = {Declaration Type}).

2.6 MANDATORY or CONDITIONAL - OCCURRENCE COUNT

Depending on the message function different rules of "mandatory" or "conditional" use of the data element apply. In addition a hierarchy of rules apply, if an element is conditional then some of the subordinate elements may be mandatory. Examples of the various types of conditions are described below. Please note that both UPPERCASE and lowercase conditions apply.

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.
m - Lowercase mandatory indicates that a subordinate component data element is mandatory if the segment or composite is transmitted.
c - Lowercase conditional indicates that a subordinate component data element is conditional if the segment or composite is transmitted.
N/A - Not applicable for particular message type, or not applicable in Phase #1 (future use).

2.7 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			
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 - 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.

2.8 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 RELEASE DATA ELEMENT NAMES	EDIFACT **TAG** or **ID.**	UN/EDIFACT Element Names **[SEGMENT NAME]** **COMPOSITE ELEMENT NAME** Component Data Element Name SIMPLE DATA ELEMENT NAME	Data Type/ Size	Values	Syntax	Notes or Code Descriptions	Element Status **M** or **C** Occurrence Count
	UNB	**[INTERCHANGE HEADER]**	a3	UNB	+		M1
	S001	SYNTAX IDENTIFIER					M
	0001	Syntax Id.	a4	UNOA	:		M
	0002	Version Number	n1	2	+		M
	S002	INTERCHANGE SENDER					M
	0004	Sender Id.	an..35	CBSA Network Id.	+		M
	S003	INTERCHANGE RECIPIENT					M
	0010	Recipient Id.	an..35	Client Network Id.	+		M
	S004	DATE/TIME OF PREPARATION					M
	0017	Date	n6	YYMMDD	:	Generated by Translator	M
	0019	Time	n4	HHMM	+	Generated by Translator	M
	0020	INTERCHANGE CONTROL REFERENCE NUMBER	an..14	Unique reference assigned by sender	++	Generated by Translator	M
	0026	APPLICATION REFERENCE	a6	CUSRES	'		M
	UNG	**[FUNCTIONAL GROUP HEADER]**	a3	UNG	+	Multiple responses can be sent within a group.	M1
	0038	FUNCTIONAL GROUP ID.	a6	CUSRES	+		M
	S006	APPLICATION SENDERS ID.					M
	0040	Senders Id.	a3	CCR	+	CCR = Canada Customs Response	M
	S007	APPLICATION RECIPIENTS ID.					M
	0044	Recipients Id.	an..35	Defined by Client	+		M
	S004	DATE/TIME OF PREPARATION					M
	0017	Date	n6	YYMMDD	:	Generated by Translator	M

CBSA RELEASE DATA ELEMENT NAMES	EDIFACT **TAG** or **ID.**	UN/EDIFACT Element Names **[SEGMENT NAME]** **COMPOSITE ELEMENT NAME** Component Data Element Name SIMPLE DATA ELEMENT NAME	Data Type/ Size	Values	Syntax	Notes or Code Descriptions	Element Status **M** or **C** Occurrence Count
	0019	Time	n4	HHMM	+	Generated by Translator	M
	0048	FUNCTIONAL GROUP REFERENCE NUMBER	an..14	Unique	+	Generated by Translator	M
	0051	CONTROLLING AGENCY	a2	UN	+		M
	S008	MESSAGE VERSION					M
	0052	Message Version Number	a1	D	:	Draft Status	M
	0054	Message Release Number	an3	96A	'	Directory Version 96.A	M
	UNH	**[MESSAGE HEADER]**	a3	UNH	+		M1
	0062	MESSAGE REFERENCE NUMBER	an..14	Unique	+	Generated By Translator	M
	S009	**MESSAGE IDENTIFIER**					M
	0065	Message Type	a6	CUSRES	:	Default	M
	0052	Message Version Number	a1	D	:	Draft Status	M
	0054	Message Release Number	an3	96A	:	Directory Ver. 96.A	M
	0051	Controlling Agency	a2	UN	'	United Nations (uppercase)	M
	BGM	**[BEGINNING OF MESSAGE]**	a3	BGM	+		M1
	C002	DOCUMENT MESSAGE NAME			:::		M

CBSA RELEASE DATA ELEMENT NAMES	EDIFACT **TAG** or **ID.**	UN/EDIFACT Element Names **[SEGMENT NAME]** **COMPOSITE ELEMENT NAME** Component Data Element Name SIMPLE DATA ELEMENT NAME	Data Type/ Size	Values	Syntax	Notes or Code Descriptions	Element Status **M** or **C** Occurrence Count
SERVICE OPTION ID.	1000	Document Message Name	n..5	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	+		M
TRANSACTION NUMBER	1004	DOCUMENT MESSAGE NUMBER	n14	Assigned	+		C
	1225	Message Function, Coded	an3	11	'		M
	LOC	**[PLACE/LOCATION]**	a3	LOC	+		M1
	3227	PLACE/LOCATION QUALIFIER	n2	22	+	{Customs Office of Clearance}	M
	C517	**LOCATION ID.**					M
PORT OF CLEARANCE	3225	Place/Location Identification	n4	Release Office #	:	Customs office code.	M
	1131	Code List Qualifier	n3	129	::	{Customs Warehouse}	C
SUB-LOCATION, CODED (WAREHOUSE ID.)	3224	Place/Location	n4	Warehouse Code	'	If supplied with inbound Release Trans., or Keyed by Customs Inspector.	C
	DTM	**[DATE/TIME/PERIOD]**	a3	DTM	+		M1
	C507	**DATE/TIME/PERIOD**					M
	2005	Date/Time/Period qualifier	n..2	9 = {Processing Date} 58= {Release Date}	:		M

CBSA RELEASE DATA ELEMENT NAMES	EDIFACT **TAG** or **ID.**	UN/EDIFACT Element Names **[SEGMENT NAME]** **COMPOSITE ELEMENT NAME** Component Data Element Name SIMPLE DATA ELEMENT NAME	Data Type/ Size	Values	Syntax	Notes or Code Descriptions	Element Status **M** or **C** Occurrence Count
RELEASE DATE/TIME or PROCESSING DATE/TIME	2380	Date/Time/Period	n12	CCYYMMDDHHMM	:	Processing date and time for G1S2, G1S5, G1S9, GIS34 and for error responses Release date and time for G1S4 & GIS8	M
	2379	D/T/P Format Qualifier	n3	203	'	{EDIFACT qualifier}	M
THE FOLLOWING GIS SEGMENT IS USED FOR ARRIVAL NOTICES, QUERY MESSAGES, AND RELEASES							
	GIS	**[GENERAL INDICATOR]**	a3	GIS	+	This GIS applies to RNS or CUSREP Arrival messages.	M1
	C529	**PROCESSING INDICATOR**					M
PROCESSING INDICATOR - RNS MESSAGE	7365	Processing Indicator, Coded	n..2	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
THE FOLLOWING IS USED FOR FREE TEXT FOR RELEASE RESPONSES							
	FTX	**[FREE TEXT]**	a3	FTX	+		C1
	4451	TEXT SUBJECT QUALIFIER	a3	AAG	+++	{Party Instructions}	m
	C108	**TEXT LITERAL**					m

CBSA RELEASE DATA ELEMENT NAMES	EDIFACT **TAG** or **ID.**	UN/EDIFACT Element Names **[SEGMENT NAME]** **COMPOSITE ELEMENT NAME** Component Data Element Name SIMPLE DATA ELEMENT NAME	Data Type/ Size	Values	Syntax	Notes or Code Descriptions	Element Status **M** or **C** Occurrence Count
DELIVERY INSTRUCTIONS	4440	Free Text	an..70	Free Text, 1 to 70 characters.	:	If provided in EDI Release message	m
DELIVERY INSTRUCTIONS	4440	Free Text	an..70	Free Text, 71 to 140 characters.	'	If provided in EDI Release message	c
	EQD	**[EQUIPMENT DETAILS]**	a3	EQD	+	Effective February 2001 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.	C99
	8053	EQUIPMENT QUALIFIER	a2	CN	+	{Container Number}	m
	C237	EQUIPMENT IDENTIFICATION					m
CONTAINER NUMBER	8260	Equipment Identification Number	an..14	Container Number	'		m
THE FOLLOWING ERP TRIGGER SEGMENT IS USED FOR ERROR RESPONSE							
	ERP	**[ERROR POINT DETAILS]**	a3	ERP	+		C1
	C701	**ERROR POINT DETAILS**					m
	1049	Message Section, Coded	n1	2 = Detail	:	Default value.	m
SENDERS MESSAGE REFERENCE NUMBER	1052	Message Item Number	an..14	Senders Message Reference Number	:	In the case of a syntax error, will contain the UNH 0062 - Message Reference Number.	c
REJECT TYPE	1054	Message Sub-Item Number	n2	20 = Administration 21 = Enforcement 22 = Conformance 28 = Batch Error 29 = Data Error	'		N/A

CBSA RELEASE DATA ELEMENT NAMES	EDIFACT **TAG** or **ID.**	UN/EDIFACT Element Names **[SEGMENT NAME]** **COMPOSITE ELEMENT NAME** Component Data Element Name SIMPLE DATA ELEMENT NAME	Data Type/ Size	Values	Syntax	Notes or Code Descriptions	Element Status **M** or **C** Occurrence Count
THE FOLLOWING ERC SEGMENT IS USED FOR ARRIVAL NOTICES AND QUERY ERROR RESPONSES							
	ERC	**[APPLICATION ERROR INFORMATION]**	a3	ERC	+		C1
	C901	**APPLICATION ERROR DETAIL**					m

	9321	Application Error, Coded	n2	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
				06 = Invalid Office Code
				R07 = 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

	GR#5 RFF	**[REFERENCE]**	a3	RFF	+		M1
	C506	**REFERENCE**					M
	1153	Reference Qualifier	a2	XC = {Cargo Control Number}	:		M
CARGO CONTROL NUMBER	1154	Reference Number	an..25	Assigned CCN	'		M

CBSA RELEASE DATA ELEMENT NAMES	EDIFACT **TAG** or **ID.**	UN/EDIFACT Element Names **[SEGMENT NAME]** **COMPOSITE ELEMENT NAME** Component Data Element Name SIMPLE DATA ELEMENT NAME	Data Type/ Size	Values	Syntax	Notes or Code Descriptions	Element Status **M** or **C** Occurrence Count
	UNT	**[MESSAGE TRAILER**]	a3	UNT	+		M1
	0074	NUMBER OF SEGMENTS IN MESSAGE	n..6	Variable	+	Generated by Translator	M
	0062	MESSAGE REFERENCE NUMBER	an..14	Unique	'	Same as UNH 0062	M
	UNE	**[FUNCTIONAL GROUP TRAILER]**	a3	UNE	+		M1
	0060	NUMBER OF MESSAGES	n..6	Variable	+	Generated by Translator # of messages in group.	M
	0048	FUNCTIONAL GROUP REFERENCE NUMBER	an..14	Unique	'	Same as UNG 0048	M
	UNZ	**[INTERCHANGE TRAILER]**	a3	UNZ	+		M1
	0036	INTERCHANGE CONTROL COUNT	n..6	Variable	+	Generated by Translator	M
	0020	INTERCHANGE CONTROL REFERENCE NUMBER	an..14	Unique	'	Same as UNB 0020	M

CANADA BORDER SERVICES AGENCY

ARRIVAL CERTIFICATION/STATUS QUERY MESSAGE

EDIFACT/CUSREP

(Version 96.A)

ARRIVAL CERTIFICATION/STATUS QUERY MESSAGE

EDIFACT/CUSREP MESSAGE MAP

1.0 INTRODUCTION

This 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. This new version replaces the older CUSREP message Version 91.2. Clients who convert to the new version of the CUSRES Release Notification Message (Version 96.A) must also convert to this new version of the CUSREP message.

2.0 DATA ELEMENT INFORMATION REQUIREMENTS

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

2.1 CBSA Response Data Element Names

Identification of the Customs data elements associated to the CUSREP message.

2.2 EDIFACT Tag or ID.

Every EDIFACT element is assigned a unique "Tag" number for reference purposes. These are defined within the EDIFACT data element directories. It should be noted that the "tag" is not transmitted within the EDI messages, only the data content is transmitted.

2.3 UN/EDIFACT Element Names

This column of the matrix identifies the textual name of the EDIFACT data element. There are four (4) types of elements defined. Description of each is provided below.

[SEGMENT NAME] - Defines a high level group name of the subordinate data elements. These are shown in bold capital letters within square brackets.

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. The composite data element name is represented by capital letters.

Component Data Element - Identification of a component data element which is part of a composite data element. Represented by upper & lower case characters.

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. These data elements are represented with uppercase characters.

2.4 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

2.5 UN/EDIFACT Message Content and Syntax

This set of columns provides the details of the content of the data element, the required syntax (data separation characters) and code descriptions or notes related to the element.

2.5.1 Values

Values specified in uppercase characters are the specific data values which must be entered for the element. Values specified in upper-lowercase identify a source or type of data (examples; Assigned, Free Text). Some of the values indicate a list of numbers representing a coded value for a specific function of the data element.

2.5.2 Syntax

The EDIFACT message structure is controlled using a set of special characters to control the position of data within a segment. The required syntax to be transmitted after each value is provided in this column.

2.5.3 Notes or Code Descriptions

Any applicable notes related to the use or source of a data element is provided in this column. Many of the EDIFACT segments require qualifier codes to be transmitted. These codes are defined within the EDIFACT data element directories. If codes are used the textual description of the code is provided within { } brackets.

2.6 MANDATORY or CONDITIONAL - OCCURRENCE COUNT

Depending on the message function different rules of "mandatory" or "conditional" use of the data element apply. In addition a hierarchy of rules apply, if an element is conditional then some of the subordinate elements may be mandatory. Examples of the various types of conditions are described below. Please note that both UPPERCASE and lowercase conditions apply.

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.
m - Lowercase mandatory indicates that a subordinate component data element is mandatory if the segment or composite is transmitted.
c - Lowercase conditional indicates that a subordinate component data element is conditional if the segment or composite is transmitted.

2.7 MESSAGE STRUCTURE

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

CBSA RELEASE DATA ELEMENT NAMES	EDIFACT **TAG** or **ID.**	UN/EDIFACT Element Names **[SEGMENT NAME] COMPOSITE ELEMENT NAME** Component Data Element Name SIMPLE DATA ELEMENT NAME	Data Type/ Size	Values	Syntax	Notes or Code Descriptions	Status **M** or **C** Occurrence Count
	UNB	**[INTERCHANGE HEADER]**	a3	UNB	+		M1
	S001	SYNTAX IDENTIFIER					M
	0001	Syntax Id.	a4	UNOA	:		M
	0002	Version Number	n1	2	+		M
	S002	INTERCHANGE SENDER					M
	0004	Sender Id.	an..35	Client Network Id.	+		M
	S003	INTERCHANGE RECIPIENT					M
	0010	Recipient Id.	an..35	CBSA Network Id.	+		M
	S004	DATE/TIME OF PREPARATION					M
	0017	Date	n6	YYMMDD	:	Generated by Translator	M
	0019	Time	n4	HHMM	+	Generated by Translator	M
	0020	INTERCHANGE CONTROL REFERENCE NUMBER	an..14	Unique reference assigned by sender	++	Generated by Translator	M
	0026	APPLICATION REFERENCE	a6	CUSREP	'		C

CBSA RELEASE DATA ELEMENT NAMES	EDIFACT **TAG** or **ID.**	UN/EDIFACT Element Names **[SEGMENT NAME] COMPOSITE ELEMENT NAME** Component Data Element Name SIMPLE DATA ELEMENT NAME	Data Type/ Size	Values	Syntax	Notes or Code Descriptions	Status **M** or **C** Occurrence Count
	UNG	**[FUNCTIONAL GROUP HEADER]**	a3	UNG	+	Multiple CUSREP messages can be sent within a group.	M1
	0038	FUNCTIONAL GROUP ID.	a6	CUSREP	+		M
	S006	APPLICATION SENDERS ID.					M
	0040	Senders Id.	an..35	Defined by Client	+		M
	S007	APPLICATION RECIPIENTS ID.					M
	0044	Recipients Id.	a7	PARSTST = Application Testing PARSPDN = Production	+		M
	S004	DATE/TIME OF PREPARATION					M
	0017	Date	n6	YYMMDD	:	Generated by Translator	M
	0019	Time	n4	HHMM	+	Generated by Translator	M
	0048	FUNCTIONAL GROUP REFERENCE NUMBER	an..14	Unique reference assigned by sender	+	Generated by Translator	M
	0051	CONTROLLING AGENCY	a2	UN	+		M
	S008	MESSAGE VERSION					M

CBSA RELEASE DATA ELEMENT NAMES	EDIFACT **TAG** or **ID.**	UN/EDIFACT Element Names **[SEGMENT NAME]** **COMPOSITE ELEMENT NAME** Component Data Element Name SIMPLE DATA ELEMENT NAME	Data Type/ Size	Values	Syntax	Notes or Code Descriptions	Status **M** or **C** Occurrence Count
	0052	Message Version Number	a1	D	:		M
	0054	Message Release Number	n3	96A	'		M
	UNH	**[MESSAGE HEADER]**	a3	UNH	+		M1
	0062	MESSAGE REFERENCE NUMBER	an..14	Unique reference assigned by sender	+	Generated By Translator	M
	S009	**MESSAGE IDENTIFIER**					M
	0065	Message Type	a6	CUSREP	:	Default	M
	0052	Message Version Number	a1	D	:	Production Use Status	M
	0054	Message Release Number	n3	96A	:	Directory Ver. 91.2	M
	0051	Controlling Agency	a2	UN	'	United Nations (upper case)	M
	BGM	**[BEGINNING OF MESSAGE]**	a3	BGM	+		M1
	C002	**DOCUMENT/MESSAGE NAME**					
MESSAGE FUNCTION	1001	DOCUMENT/MESSAGE NAME, CODED	n3	631= {Arrival Notice} 998 = {Status Query}	'	Supply appropriate code for Message Function.	M
	DTM	**[DATE/TIME/PERIOD]**	a3	DTM	+		M1
	C507	**DATE/TIME/PERIOD**					M

CBSA RELEASE DATA ELEMENT NAMES	EDIFACT **TAG** or **ID.**	UN/EDIFACT Element Names **[SEGMENT NAME]** **COMPOSITE ELEMENT NAME** Component Data Element Name SIMPLE DATA ELEMENT NAME	Data Type/ Size	Values	Syntax	Notes or Code Descriptions	Status **M** or **C** Occurrence Count
	2005	Date/Time/Period qualifier	n3	132 = {Arrival Date/Time}	:		M
ARRIVAL DATE/TIME	2380	Date/Time/Period	n12	CCYYMMDDHHMM	:	Must be transmitted for all CUSREP messages. For Status Query provide current Date/Time.	M
	2379	D/T/P Format Qualifier	n3	203	'	{EDIFACT qualifier}	M
	GR#1 **RFF**	**[REFERENCE]**	a3	RFF	+		M1
	C506	**REFERENCE**					M
	1153	Reference Qualifier	a..3	ABT ={Cargo Control Number} TN = {Transaction Number}	:	Supply appropriate code for reference number supplied.	M
TRANSACTION NUMBER or CARGO CONTROL NUMBER	1154	Reference Number	an..25	CCN or Transaction 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	M

CBSA RELEASE DATA ELEMENT NAMES	EDIFACT **TAG** or **ID.**	UN/EDIFACT Element Names **[SEGMENT NAME]** **COMPOSITE ELEMENT NAME** Component Data Element Name SIMPLE DATA ELEMENT NAME	Data Type/ Size	Values	Syntax	Notes or Code Descriptions	Status **M** or **C** Occurrence Count
	GR#2 LOC	**[LOCATION]**	a3	LOC	+		M1
	3227	PLACE/LOCATION QUALIFIER	n2	14 = {Location of Goods}	+		M
	C517	PLACE/LOCATION IDENTIFIER					M
PORT OF CLEARANCE	3225	Place/Location Id.	n4	Office Code	'	Customs Release Office code for Port of Clearance Arrival - Mandatory Status Query - not required	M
	UNT	**[MESSAGE TRAILER]**	a3	UNT	+		M1
	0074	NUMBER OF SEGMENTS IN MESSAGE	n..6	Variable	+	Generated by Translator	M
	0062	MESSAGE REFERENCE NUMBER	an..14	Unique	'	Same as UNH 0062	M
	UNE	**[FUNCTIONAL GROUP TRAILER]**	a3	UNE	+		M1

CBSA RELEASE DATA ELEMENT NAMES	EDIFACT **TAG** or **ID.**	UN/EDIFACT Element Names **[SEGMENT NAME]** **COMPOSITE ELEMENT NAME** Component Data Element Name SIMPLE DATA ELEMENT NAME	Data Type/ Size	Values	Syntax	Notes or Code Descriptions	Status **M** or **C** Occurrence Count
	0060	NUMBER OF MESSAGES	n..6	Variable	+	Generated by Translator # of messages in group.	M
	0048	FUNCTIONAL GROUP REFERENCE NUMBER	an..14	Unique	'	Same as UNG 0048	M
	UNZ	**[INTERCHANGE TRAILER]**	a3	UNZ	+		M1
	0036	INTERCHANGE CONTROL COUNT	n..6	Variable	+	Generated by Translator	M
	0020	INTERCHANGE CONTROL REFERENCE NUMBER	an..14	Unique	'	Same as UNB 0020	M

CANADA BORDER SERVICES AGENCY

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 c 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 EXPLANATION OF MESSAGE MAP COLUMNS

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

UN/EDIFACT Segment Id.

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

UN/EDIFACT Element Id.

This column of the map identifies the alphanumeric or numeric identifier of each of the UN/EDIFACT data elements. There are three (3) types of elements defined. Descriptions of each are provided below. Is 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 an 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 CUSDEC message structure. The Segments are numbered in ascending values of 10 for each occurrence of a segment in the message structure. The Element position numbers identify the position of a data element within a segment. In the EDIFACT documentation only Composite data elements and Simple data elements are numbered in a segment. They are assigned ascending values of 10 for each occurrence of a composite or simple data element. To more specifically identify the data element positions, each Composite is assigned an incrementing number starting at

1. Within each composite, the component data elements are assigned a sequential subordinate number. Simple data elements are assigned the next sequential number in order of occurrence within the segment. Example:

UN/EDIFACT Definitions:				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					

EDIFACT Data Element Names

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

Notes and Descriptions

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

Data Type/Size

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

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

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

Codes and Values

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

Default Syntax

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

CSA or Non CSA

As the requirements are different for CSA arrivals and non-CSA arrivals, there is a column provided for each to indicate the status – mandatory or conditional 0 occurrence count as described below.

Status - Mandatory Or Conditional - Occurrence Count

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

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

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

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CCRA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & 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	Client's 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	CCRA Network Mailbox ID	:	M	M
	0007	3.2	Partner identification code qualifier	CCRA Network Mailbox ID qualifier, if applicable	AN..4	+	C	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	CCRA 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

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CCRA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Non CSA	CSA
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						
	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

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CCRA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Non CSA	CSA
	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
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

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CCRA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Non CSA	CSA
	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	+	M1	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	::	NA	M
	3224	2.4	Place/Location		N4	Canada Custom sub-location code	‘	NA	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

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CCRA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Non CSA	CSA
	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

CANADA BORDER SERVICES AGENCY

CBSA RESPONSE MESSAGE

RELEASE NOTIFICATION MESSAGE

EDIFACT/CUSRES MESSAGE MAP

(Version 99B)

VERSION 2.0 - March 2002

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 EXPLANATION OF MESSAGE MAP COLUMNS

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

2.1 UN/EDIFACT Segment Id.

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

2.2 UN/EDIFACT Element Id.

This column of the map identifies the alphanumeric or numeric identifier of each of the UN/EDIFACT data elements. There are three (3) types of elements defined. Descriptions of each are provided below. Is 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 an 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 CUSDEC message structure. The Segments are numbered in ascending values of 10 for each occurrence of a segment in the message structure. The Element position numbers identify the position of a data element within a segment. In the EDIFACT documentation only Composite data elements and Simple data elements are numbered in a segment. They are assigned

ascending values of 10 for each occurrence of a composite or simple data element. To more specifically identify the data element positions, each Composite is assigned an incrementing number starting at 1. Within each composite, the component data elements are assigned a sequential subordinate number. Simple data elements are assigned the next sequential number in order of occurrence within the segment. Example:

UN/EDIFACT Definitions:

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

Mapping Definitions:

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

EDIFACT Data Element Names

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

Notes and Descriptions

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

Data Type/Size

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

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

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

Codes and Values

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

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

Err Resp or RNS
The syntax of the message will depend on if it is an error response to an inbound arrival or Query message or the message is issued as a Release Notification System (RNS). The two columns describe the status (mandatory or conditional – occurrence count) as described below.

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

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

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

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CCRA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & 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	CCRA Network Mailbox ID	:	M	M
	0007	2.2	Partner identification code qualifier		AN..4	CCRA 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	+	C	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

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CCRA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Error Response	RNS
	0020	5	INTERCHANGE CONTROL REFERENCE	CCRA 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
	S007	3	APPLICATION RECIPIENT'S IDENTIFICATION						
	0044	3.1	Recipient's identification		A7	Client's Network Mailbox ID	+	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						

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CCRA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Error Response	RNS
	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				:::		

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CCRA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & 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
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						

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CCRA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Error Response	RNS
	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	+	M	M
	C517		LOCATION IDENTIFICATION						
	3225	2	Place/Location ID		N4	Customs office code for port of clearance	:	M	M
	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						

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CCRA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Error Response	RNS
	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		A2	ZZZ – Mutually Defined	:	C	M
	1154	1.2	Reference Number	Cargo Control / Shipment Number	AN..25		'	C	M

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CCRA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Error Response	RNS
Segment Group 4								M1 C98	N/A
ERP			Error Point Details		A3	ERP	+	M1	N/A
	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		A2	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						

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CCRA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & 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

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CCRA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Error Response	RNS
	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
	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"

VAN Communication Services

CADEX Communication Service

Customs Internet Gateway

VAN COMMUNICATION SERVICES

The CBSA has invested considerable effort in the development of their EDI processing platform to provide multiple EDI network interfaces. This provides clients the option of which VAN supplier is best suited to handle their overall EDI requirements.

One of the major advantages to the use of 3rd party networks is related to the support issues of multiple partner interfaces. The networks normally provide a number of options of communication interfaces to connect to their services. The responsibility for the client's interface to the network rests with the supplier of the service. Therefore, the support problems related to connection and transmission problems are resolved by the resources of the network provider.

Participants should consult their VAN for cost information concerning EDI transmissions to and from the CBSA. The following approach to the administration, connection, and initial testing of EDI mailbox services will be used for RNS.

Establishing an EDI mailbox service :

- Determine which of the VAN service providers (refer to the enclosed list) your organization will use to interface with the CBSA. Advise the network representative that you will be participating in RNS.

- If your company is already a client of one of these networks, the process is simplified as your network connection is already established. The remaining activities would be to set up your EDIFACT translation capability and configure the network profiles for the new trading partner arrangement (both client & CBSA). Transmission of EDIFACT documents would be available from that point.

- Those companies not already using a VAN for other EDI services will have to carry out a number of implementation activities. Your selected VAN supplier should provide you with information on their connection requirements and assist you with the implementation phase. Some of the basic requirements are:

  - Establishment of a trading partner agreement (or contract) with the VAN.
  - Acquisition and installation of an appropriate communication line.
  - Establishment of a communications interface of appropriate hardware & software.
  - Acquisition and implementation of an EDI translator product to handle the EDIFACT messages.
  - Configuration and testing of all components and interface routines with the VAN.

RNS messages will be transmitted to and from the CBSA via the communication interface identifiers shown below. Contact your VAN to verify the mailbox identifier and the mailbox qualifiers.

RNS ELECTRONIC MESSAGE STANDARD USED	COMMUNICATION INTERFACE TO CBSA	CBSA CECP PRODUCTION MAILBOX ID	CBSA CECP TEST MAILBOX ID
EDIFACT (versions 96A)	ATT	ATTECSP	ATTECST
EDIFACT (versions 96A)	GEIS	RCCECECPP	RCCECECPT
EDIFACT (versions 96A)	SNS	YOWCECP1	YOWCECP2
EDIFACT (versions 96A)	Sterling Commerce	STERCOMMP	STERCOMMT
EDIFACT (versions 96A)	VIASAFE	RCCECECPP	RCCECEPT
EDIFACT (versions 96A)	CADEX	RCCEPDN	RCCETEST
EDIFACT (versions 96A)	KLEINSCHMIDT	RCCECECPP	RCCECECPT
EDIFACT (versions 96A)	CNDirect	RCCECECPP	RCCECECPT
EDIFACT (versions 96A)	Internet	INETCECPP	INETCECPT

CADEX COMMUNICATION SERVICE

Soon after the implementation of CADEX user pays in the fall of 1999, RNS functionality was made available via CADEX lines. Clients attach the CADEX EDI Release JCL, as explained below, to their RNS message prior to sending it to the CBSA via the CADEX line.

EDI Release JCL

The following is a listing of the required JCL cards which must be transmitted with each batch of EDI release transactions. It should be noted that the JCL must be prepared as shown, in uppercase characters only.

Clients should not use their existing CADEX JCL to submit EDI Release transactions.

There are some unique parameters which must be specified for each client. The JCL listed below identifies these parameters as lowercase.

The EDI Release Client Representative will advise clients of the appropriate parameters prior to starting testing.

EDI - INBOUND JCL

JCL statement column layout definition

// or /*	these characters start in column 1 and 2
# or @	start in column 3 and indicates the environment the job is to executed in
company name	is your company's name - this field cannot be more than 20 characters (including blanks)
sysp.host.tr.jcl	start in column 13
exec	start in column 12

The JCL stream used for production transmissions is the same used for OPS testing, except with the following changes:

1. replace the parameter # with @
2. replace the MSGLEVEL=(1,1)with MSGCLASS=Z
3. change the IDMS20 with CURR
4. change the TR with PR

TEST SYSTEM - EDI INBOUND MESSAGE JCL

```
//#AXRECI JOB (TXDN),' Company Name',MSGLEVEL=(1,1),USER=logonid
/*JOBPARM R=6
//JOBLOG OUTPUT JESDS=ALL,DEST=dest id.
//ESYLIB   JCLLIB ORDER=(TXX00.IDMS20.PROCLIB,
//         SYSP.HOST.TR.JCLLIB)
//STEP1    EXEC AXRECI
//STEP01.SYSIN DD *
input data starts here
/*
```

PRODUCTION SYSYEM- EDI INBOUND MESSAGE JCL

//**@**AXRECI JOB (TXDN),' **Company Name**',**MSGCLASS=Z**,USER=logonid
/*JOBPARM R=6
//JOBLOG OUTPUT JESDS=ALL,DEST=dest id.
//ESYLIB JCLLIB ORDER=(TXX00.**CURR**.PROCLIB,
// SYSP.HOST.**PR**.JCLLIB)
//STEP1 EXEC AXRECI
//STEP01.SYSIN DD *
input data starts here
/*

Contact your client representative if you need assistance.

EDI RELEASE SCRIPTS

The process for controlling the output of the printer will involve the setting of the printer class to/from the EDI release form class. It should be noted that the CADEX output class of STANDARD is the default class and the remote printers will always be set to this class when the RJE system is started on the Customs host.

RJE remote printer control commands will have to be transmitted to the mainframe (at the beginning of the session) to set the printer to the EDI release class. These commands are transmitted in the same fashion as the existing "signon" and "signoff" records. They must be transmitted as a separate file (i.e. can not be included in any data stream).

The following is an example of the procedure to be followed to establish an EDI release or RNS session with the mainframe.

1. Transmit SIGNON record
2. Transmit CHANGE printer class command (**$TPR1,F=RELR**) {See Notes #1&2}
3. Transmit START printer command (**$SPR1**) {See Note #3}
4. Receive EDI release or RNS responses {See Note #4}
5. Transmit EDI release or RNS transactions {See Note #5}
6. Transmit STOP printer command (**$PPR1**) {See Note #6)
7. Transmit CHANGE printer class command (**$TPR1,F=STD**) {See Note #7}
8. Transmit SIGNOFF record

NOTES:

1. Depending on the communication software used, a prefix is usually required to identify the printer control commands. Often a **/*** is used as this prefix. Consult your communication manual to confirm this requirement.
2. The $TPR1,F=RELR command sets the printer to receive the RELEASE output.
3. The $SPR1 command starts the printer to receive the class of print which has been set. For control purposes the printer will always be stopped after each session (Step #6).
4. In those cases when no output is available for receipt, a "time-out" feature should be enabled by the software to allow the script to continue processing to the next instruction.
5. After receipt of the EDI release or RNS output the user can transmit new EDI releases or RNS transactions within the same session. This is an optional step, since a script can be set up to receive only.
6. After transmission/receipt of EDI release or RNS data the $PPR1 command ensures that the printer is stopped to ensure proper control of subsequent sessions.
7. The $TPR1,F=STD sets the printer back to the default CADEX output class.

CADEX AND EDI RELEASE SESSIONS

The design of the EDI release system allows clients to transmit and receive both CADEX and EDI Release or RNS data within the same session. To accomplish this another customized script can be developed using the same printer control commands. The following describes the structure that should be applied to combine the CADEX and EDI Release or RNS scripts.

1. Transmit SIGNON record
2. Transmit CHANGE printer class command (**$TPR1,F=RELR**)
3. Transmit START printer command (**$SPR1**)
4. Receive EDI release or RNS responses
5. Transmit EDI release or RNS transactions
6. Transmit STOP printer command (**$PPR1**)
7. Transmit CHANGE printer class command (**$TPR1,F=STD**)
8. Transmit START printer command (**$SPR1**)
9. Receive CADEX output
10. Transmit CADEX B3 transactions
11. Receive CADEX processing acknowledgement on printer
12. Transmit STOP printer command (**$PPR1**)
13. Transmit SIGNOFF record

It should be noted that the script can be modified to execute the CADEX receive & transmit before EDI Release or RNS, if desired. The user must ensure that the printer controls are maintained at the end of the session (i.e. set to forms=STD and stopped).

CUSTOMS INTERNET GATEWAY

The CBSA has developed the Customs Internet Gateway to provide importers and brokers with a way to send and receive RNS and other EDI data over the internet. The CBSA has adopted a Public Key Infrastructure (PKI) to provide for the security and integrity of the data transmitted. Clients can get more information as well as copies of the Customs Internet Gateway Participant Requirements Document by visiting our web site at **http://www.cbsa-asfc.gc.ca/eservices/cig-pid/menu-eng.html** or by contacting:

Canada Border Services Agency
Major Projects and Systems
Systems Operations & Business Support - Commerical
Electronic Commerce Unit
6th Floor, 250 Tremblay Road
Ottawa, Ontario K1A 0L8
Telephone: 1-888-957-7224
Fax: (613) 952-9979
Email: ecu.uce@CBSA-adrc.gc.ca

Van Service Providers

The following are contact names for some of the VAN's connected to the CBSA CECP.

Contact ECU for list of VAN's connected to CBSA CECP.

Appendix "H"
N-499
Customs Notice

Ottawa, March 14, 2003

Sufferance Warehouse Operators and Release Notification System (RNS) Problems

1. This notice concerns parties involved with importing commercial goods. It is a follow-up to Customs Notice N-418, *Sufferance Warehouse Operators and the Release Notification System and Sufferance Warehouse Sub-Location Code*, issued December 14, 2001.

2. Customs Notice N-418 advised that as of July 1, 2002, sufferance warehouse operators may not release goods from their warehouse until they have received one of the following:

> *(a)* the original or facsimile customs-stamped delivery authority copy of the cargo control document;
>
> *(b)* an RNS message received directly from the system as an RNS participant; or
>
> *(c)* an RNS message received through the intermediary of a dedicated service provider such as a customs broker.

3. The following outlines changes to the customs policy regarding the acceptance of an RNS or Customs Automated Data Exchange System (CADEX) notification of customs release received by a sufferance warehouse operator from an account security holder (importer or customs broker), during an RNS system problem. This change takes place upon issuance of this notice.

4. The policies outlined in paragraph 2 remain in effect while customs systems are operating properly. However, the CCRA recognizes that an alternative method may be required when system problems occur and this could significantly delay the release of goods from a sufferance warehouse. A specific example of this would be electronic release transactions where there is no customs-stamped customs delivery authority (CDA) copy of the cargo control document (CCD) to serve as the sufferance warehouse operator's notification of release.

5. A system problem may prevent customs from transmitting a release message to the sufferance warehouse operator, even though the importer or customs broker has received an RNS or CADEX release message. The RNS problem may affect one or more service providers with whom CCRA does business. Customs notifies CADEX participants of release through a different medium than RNS.

6. When a system problem is identified by the Electronic Commerce Unit, Client Services Division, the Electronic Commerce Unit will determine if the problem is likely to be resolved within four hours. Where the problem may not be corrected during that time, the Electronic Commerce Unit will send a broadcast message to all EDI participants

informing them that a problem has occurred with the RNS. The message will advise clients that during the problem period, those sufferance warehouse operators that are affected by the system problem, may accept a copy of the RNS or CADEX release message received by the importer or customs broker from customs, in lieu of an RNS message as outlined in paragraph 2.

7. The importer or customs broker may send or present their release message to the sufferance warehouse operator as release notification, along with a copy of the broadcast message from the Electronic Commerce Unit. The sufferance warehouse operator may accept the CADEX or RNS release message as their authority to release the goods. The warehouse operator will retain the copy of the broadcast message as well as the release message from the broker or importer for their records.

8. If customs officers find that goods were removed from a sufferance warehouse based on an RNS or CADEX message received from the importer or customs broker under the circumstances outlined previously, a penalty for unauthorized release of goods will not be issued to the sufferance warehouse operator under the Administrative Monetary Penalty System (AMPS).

9. Where customs has successfully transmitted the RNS to the sufferance warehouse operator's service provider, but the sufferance warehouse operator cannot receive/retrieve the release message due to a problem with their system or that of their service provider, these procedures will not apply. The warehouse operator will be required to present the customs delivery authority (CDA) copy of the cargo control document to customs for validation and release of the goods.

10. For more information concerning this notice, contact the following:

Release Programs
Border and Compliance Programs Directorate
Admissibility Branch