

Canada Border Services Agency

**CSA CARRIER PRD
EDI MESSAGE MAPS & CODE TABLES**

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(Version 2.1)

**APPENDIX “B”
OF THE
CUSTOMS SELF ASSESSMENT
PARTICIPANTS’ REQUIREMENTS
DOCUMENT FOR CARRIERS**

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CSA PRD APPENDIX B – EDI MESSAGE MAPS & CODE TABLES

The following is a general guide to assist prospective CSA clients in determining which EDI maps are complementary to their line of business. Below you will find three broad categories of clients: highway carrier, rail carrier and warehouse. The corresponding bullets identify the EDI maps that support the message types typically used by these clients. This list is not intended to account for every possible scenario and variations to this general guide can occur, depending on the clients’ business. We recognize that brokers and agents can represent one or more of the client groups below - the intention was to provide a simplified distinction in order to facilitate the identification of the appropriate maps to the client.

MESSAGE TYPE	Highway Carrier	Rail Carrier	Ware-house
Rail Cargo Report A8A		•	
Rail Conveyance Report A1		•	
Highway Cargo Report A8A	•		
Highway Conveyance Report A9	•		
Trade Chain Partner (TCP) Owner Operator and Terminal/Warehouse Updates	•		
997 – Functional Acknowledgment: <ul style="list-style-type: none"> • Rail Cargo Report A8A • Rail Conveyance Report A1 • Highway Cargo Report A8A • Highway Conveyance Report A9 • Owner Operator and Terminal/Warehouse Updates 	•	•	
824 – Application Advice: <ul style="list-style-type: none"> • Rail Cargo Report A8A • Rail Conveyance Report A1 • Highway Cargo Report A8A • Highway Conveyance Report A9 • Owner Operator and Warehouse/Terminal Updates 	•	•	
Release Notice System (RNS) Arrival 96A	•	•	•
Release Notice System (RNS) Response 96A	•	•	•
Release Notice System (RNS) Arrival 99B	•	•	•
Release Notice System (RNS) Response 99B	•	•	•
Trade Chain Partner (TCP) Consignee/Vendor Updates			

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Rail Cargo Report A8A

Message Map

A8A Rail Cargo Report

Segment ID	Element	Name	Notes	Attributes	Codes	M
ST		Transaction Set Header		M 1/1		
	01	(143) transaction set ID code		M ID 3/3	309	
	02	(329) transaction set control number		M AN 4/9		
M10		Manifest Identifying Information	To transmit manifest identifying information	M 1/1		
	01	(140) standard carrier alpha code		M ID 2/4	Any valid code	
	02	(91) transportation method/type code		M ID 1/2	R – rail	
	03	(26) country code	Country of origin of shipment	M ID 2/3	US, MX, CA	
	05	(182) vessel name		M AN 2/28	TRAIN	
	06	(55) flight/voyage number	Julian date	M AN 2/10	CCYYDDD	
	08	(380) quantity		O R 1/15	1	
	09	(256) Manifest Type Code		M ID 1/1	P, T, Y – not used by CBSA. Mandatory for ANSI purposes	
	12	(127) reference number		O AN 1/30		
	13	(353) transaction set purpose code		M ID 2/2	00 – original 03 – delete 04 – change	Y
	14	(346) application type	Code identifying type of application – to indicate that the transmission is an A8A cargo declaration associated with an arrival in Canada (import), a departure from Canada (export), or a stop in Canada on the way to another country without discharging/loading cargo (in-transit)	M ID 2/2	27 - Rail Import Manifest (Canadian) 28 - Rail Export Manifest (Canadian) 29 - Rail In-Transit Manifest (Canadian) 31 - Re-Manifest Manifest (Canadian)	
Loop ID – P4				M 1/20		
P4		U.S. Port Information		M 1/1		
	01	(310) location identifier	Port of entry	M AN 1/30	CBSA office code	
	02	(373) date	To transmit the expected date of arrival at the Canadian border	M DT 8/8		Y
	03	(380) quantity		O R 1/15		
	05	(337) time	To transmit the expected time of arrival at the Canadian border	O TM 4/8		Y

A8A Rail Cargo Report

Segment ID	Element	Name	Notes	Attributes	Codes	M
Loop ID – P4/LX				M 1/999		
LX		Assigned Number		M 1/1		
	01	(554) assigned number		M NO 1/6		
M11		Manifest Bill of Lading Details	To transmit bill of lading detail information for a manifest	M 1/1		
	01	(598) bill of lading/waybill number	Cargo Control Number (CCN) – 4 alpha carrier code followed by control number	M AN 6/25		Y
	02	(310) location identifier		M AN 1/30		
	03	(380) quantity		M R 1/15		
	04	(599) manifest unit code	Code defining the smallest package unit for the bill of lading	O ID 1/3		
	05	(81) weight	Always assumed to be gross weight.	M R 1/10		
	06	(188) weight unit code		M ID 1/1	E – metric ton K – kilograms L – pounds	
	09	(582) BOL type code		O ID 2/2		
	10	(600) place of receipt		O AN 1/17		
	12	(140) standard carrier alpha code	SCAC	M ID 2/4		
	14	(140) standard carrier alpha code	SCAC	C ID 2/4		
	15	(140) standard carrier alpha code	SCAC	C ID 2/4		
N9		Reference Identification	To transmit identifying information as specified by the Reference Identification Qualifier Not currently used by the CBSA.	O 0/2		
Loop ID – P4/LX/N1			N1 loop will be used a minimum of 3 times to indicate the railroad, shipper and consignee information and optionally to indicate the notify party	M 3/25		
N1		Name		M 1/1		

A8A Rail Cargo Report

Segment ID	Element	Name	Notes	Attributes	Codes	M
	01	(98) entity identifier code	RR, SH, CN are mandatory. CBSA Notify Party fields will be populated by the N1 loop containing one of the following codes: BN, IM, UC, C1, N1, N2, OO (in order)	M ID 2/2	RR – railroad (M) SH – shipper (M) CN – consignee (M) Notify Party (O)	
	02	(93) name		M AN 1/35		Y
	03	(66) ID code qualifier		M ID 1/2	ZZ – Automotive Identifier M5 – to indicate CSA goods	
	04	(67) ID code	Automotive Goods: Used when N101 is CN - Consignee Auto indicator – used when the cargo contains auto parts or completed vehicles, and to whom it is consigned. CSA Goods: Used when N101 is IM – Importer	O AN 2/15	Automotive codes: GC – GM completed GP – GM parts FC – Ford completed FP – Ford parts CC – Chrysler completed CP – Chrysler parts CSA Goods: CBSA Business Number	
N3		Address Information		M 2/3		
	01	(166) address information	Free form text for address information	M AN 1/35		
	02	(166) address information	Free form text for address information	O AN 1/35		
N4		Geographic Location		M 1/1		
	01	(19) city name		M AN 2/30		Y
	02	(156) state or province code		O ID 2/2	See Code Table #2 – Province/ State Codes	Y
	03	(116) postal code		O ID 3/9		Y
	04	(26) country code		O ID 2/3	See Code Table #3 – Country Codes	Y
PER		Administrative Communications Contact		O 1/1		
	01	(366) contact function code		M ID 2/2	IC – information contact	
	02	(93) name		O AN 1/35		

A8A Rail Cargo Report

Segment ID	Element	Name	Notes	Attributes	Codes	M
	03	(365) communication number qualifier		C ID 2/2	TE – telephone	
	04	(364) communication number	Telephone number for the party identified in the N1 segment	C AN 1/80		Y
Loop ID – P4/LX/M12				M 1/1		
M12		In-bond Identifying Information	The M12 segment is not used by the CBSA. It is required to meet the ANSI standard to allow use of R4 segment	M 1/1		
	01	(581) Entry Type Code		M ID 2/2	61 - Immediate Transportation 62 - Transportation Exportation 63 - Immediate Exportation 69 - Transit 70 - Multi-Transit	
R4		Port Information	Contractual or operational port or point relevant to the movement of the cargo. O, 3, 4 are mandatory. E is optional	M 3/4		
	10	(115) port function code	Code defining the function performed at the port with respect to the shipment	M ID 1/1	O – origin (letter O) 3 – CBSA office of manifest origin 4 – CBSA office of manifest destination E – place of delivery	Y
	02	(309) location qualifier	CD for port function codes 3 and 4 SC for port function codes O and E	M ID 1/2	CD – CBSA office SC – city/state	
	03	(310) location identification	CBSA office codes for port function codes 3 and 4. Free form text for port function codes O and E, city name	M AN 1/30	CBSA office codes	Y
	04	(114) port name	Free form to indicate more specific location information. Used for port function code E only	O AN 2/24		Y
	05	(26) country code	Code identifying the country of the place of receipt of the goods. Required if origin not outside US.	O ID 2/3	ISO 3166 code. See Code Table #3 – Country Codes	Y

A8A Rail Cargo Report

Segment ID	Element	Name	Notes	Attributes	Codes	M
Loop ID – P4/LX/VID				M 1/999		
VID		Conveyance Identification	To identify a conveyance and its attributes	M 1/1		
	01	(40) equipment description code	Code identifying type of equipment used for Shipment	M ID 2/2	CN – Container	
	02	(206) equipment initial	Prefix or alphabetic part of an equipment unit's identifying number (if an initial is not part of the ID then NONZ should be entered)	M AN 1/4		Y
	03	(207) equipment number	Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	M AN 1/10		Y
	04	(225) seal number	Unique number on seal used to close a shipment	O AN 2/15		Y
	05	(225) seal number	Unique number on seal used to close a shipment	O AN 2/15		Y
	10	(322) load/empty status code	Code which specifies the loaded condition of Transportation equipment	M ID 1/1	L – loaded E – empty	Y
VC		Motor Vehicle Control	Not currently used by the CBSA	O 0/21		
M7		Seal Numbers	Use VID04 and VID05. If more than use M7 segment	O 0/5		
	01	(225) seal number	Unique number on seal used to close a shipment	M AN 2/15		Y
	02	(225) seal number	Unique number on seal used to close a shipment	O AN 2/15		Y
	03	(225) seal number	Unique number on seal used to close a shipment	O AN 2/15		Y

A8A Rail Cargo Report

Segment ID	Element	Name	Notes	Attributes	Codes	M
	04	(225) seal number	Unique number on seal used to close a shipment	O AN 2/15		Y
	05	(98) entity identifier code	Code identifying an organizational entity, a physical location, or an individual	O ID 2/2		
Loop ID – P4/LX/VID/N10				M 1/999		
N10		Quantity and Description	To indicate line item quantity, description, marks and numbers, commodity codes and weight. The following elements are mandatory for each new commodity: N1001, N1002, N1007, N1008, N1010 The following elements are optional for each new commodity: N1003, N1004, N1005	M 1/1		
	01	(380) Quantity	Mandatory for first occurrence of N10	O R 1/15	Required for each new commodity. A value in this element indicates a new commodity.	Y
	02	(369) free-form description	Free-form descriptive text of an item as required for rating and billing purposes in common trade terms	M AN 1/45		Y
	03	(87) mark and numbers	Marks and numbers used to identify a shipment or parts of a shipment	O AN 1/48		Y
	04	(23) commodity code qualifier		C ID 1/1	H – Brussels Nomenclature HS J – Harmonized System-Based Schedule B	Y
	05	(22) commodity code		C AN 1/10		Y
	07	(188) weight unit code		C ID 1/1	E – metric ton K – kilograms L – pounds Mandatory for new commodity	Y

A8A Rail Cargo Report

Segment ID	Element	Name	Notes	Attributes	Codes	M
	08	(81) weight		C R 1/10	Always assumed to be gross weight of the goods not including the railcar or container. Mandatory for new commodity	Y
	10	(599) manifest unit code	Code defining the smallest package unit for the bill of lading	O ID 1/3	Mandatory for new commodity	Y
Loop ID – P4/LX/VID/N10/H1			Limited to 300 characters for all descriptions and codes in this loop	O 0/10		
H1		Hazardous Material	To specify information relative to hazardous material	M 1/1		
	01	(62) Hazardous Material Code		M AN 4/10		Y
	04	(64) Hazardous Material Description		O AN 2/30		Y
	05	(63) Hazardous Material Contact		O AN 1/24	Include phone number	Y
	09	(254) Packing Group Code		O ID 1/3		Y
H2		Additional Hazardous Material Description	To specify free-form hazardous material descriptive data in addition to the information provided in the H1 segment	O 1/99		
	01	(64) Hazardous Material Description		M AN 2/30		Y
	02	(64) Hazardous Material Description		O AN 2/30		Y
SE		Transaction Set Trailer		M 1/1		
	01	(96) number of included segments		M NO 1/6		
	02	(329) transaction set control number		M AN 4/9		

Rail Conveyance Report A1

Message Map

A1 Rail Conveyance Report

Segment ID	Element	Reference ID/Name	Notes	Attributes	Codes	M
ST		Transaction Set Header	This segment is used to identify the start of a new transaction, and assigns a unique identifier within the GS-GE grouping. Each ST-SE grouping signifies a different A1 (train report).	M 1/1		
	01	(143) Transaction set ID	This element uniquely identifies the transaction set. Since we use the 358 then the ID in the element will be 358.	M ID 3/3	The ID to use is 358	
	02	(329) Transaction set control number	This element must contain an alphanumeric identifier that is unique within the GS-GE grouping. This field must match the corresponding field on the SE segment of the transaction when transmitted.	M AN 4/9		
M10		Manifest Identifying Information	This segment is used to transmit key information about how to process the transaction and how to identify the transaction. Elements with reference 04, 07, and 10 are not currently used for the purposes of A1 transactions. As such they are not listed in this map.	M 1/1		
	01	(140) Standard Carrier Alpha Code	This element is used to identify the transportation company. As such the SCAC code should reference the rail carrier that created the A1.	M ID 2/4	The ID must be a valid SCAC code	
	02	(91) Transportation Method/Type Code	This element is used to indicate the method of conveyance. Note that while many codes are available only the code R will be accepted at this time. R signifies a transportation method of rail.	M ID 1/2	The ID to use is R	

A1 Rail Conveyance Report

Segment ID	Element	Reference ID/Name	Notes	Attributes	Codes	M
	03	(26) Country Code	This element is used to indicate the country of origin of the train. The code list to refer to is ISO code list 3166.	M ID 2/3	The ID must be a valid ISO country code. See Code Table #3 – Country Codes. Should be “US” if arriving from the United States. ‘MX’ for Mexico	
	05	(182) Vessel Name	This element is used to provide the primary reference number for the CBSA. The construct of the reference number should be as follows: the four digit rail carrier code (Assigned by CBSA) +“E” (indicating an electronic transmission) + a unique alphanumeric string assigned by the carrier. Note that the reference number must be unique for every original A1 report.	M AN 6/25		Y
	06	(55) Flight/Voyage Number	This is a mandatory field but is not used for the purposes of the A1 transaction.	M AN 2/10	Must be a valid Julian Date	
	08	(380) Quantity	This element is use to provide the total number of Bills of Lading associated with the train.	O R 1/5		
	09	(256) Manifest Type Code		M ID 1/1	P, T, Y – not used by CBSA. Mandatory for ANSI purposes	
	12	(127) reference number		O AN 1/30		

A1 Rail Conveyance Report

Segment ID	Element	Reference ID/Name	Notes	Attributes	Codes	M
	13	(353) transaction set purpose code	<p>This field is used to indicate the transaction type (Original, Change, or Delete)</p> <p>The valid entries/codes for this field are:</p> <p>00 to indicate an original A1 transmission</p> <p>03 to indicate a delete of an existing A1</p> <p>04 to indicate an amendment to an existing A1</p> <p>No data other than the codes listed above will be accepted.</p>	M ID 2/2	<p>00 – original</p> <p>03 – delete</p> <p>04 – change</p>	Y
	14	(346) application type	<p>This field is used to indicate the application type (rail import, rail export, or rail in transit)</p> <p>The valid entries/codes for this field are:</p> <p>to indicate a rail import transmission</p> <p>to indicate a rail export transmission</p> <p>to indicate a rail in transit transmission</p> <p>No data other than the codes listed above will be accepted.</p>	O ID 2/2	<p>27 - Rail Import Manifest (Canadian)</p> <p>28 - Rail Export Manifest (Canadian)</p> <p>29 - Rail In-Transit Manifest (Canadian)</p>	
LOOP ID - P4			<p>The P4 loop can repeat up to 20 times. However, for the purposes of the A1 report this loop shall occur only once.</p> <p>Nested within the P4 loop is the VID Loop and the MBL loop.</p>	M 1/1		

A1 Rail Conveyance Report

Segment ID	Element	Reference ID/Name	Notes	Attributes	Codes	M
P4		Port of Discharge Information	This segment is used for the purposes of A1 transmissions to transmit information about Canadian ports that are relevant to the movement and discharge of cargo from the train. Elements with reference 03, 06 are not currently used for the purposes of A1 transactions. As such they are not listed in this map.	M 1/1		
	01	(310) Location Identifier	This element is used to transmit the Canadian Port of Entry. This is the port at which the train enters Canada. This field must contain a valid CBSA Office code. Code lists are available at the CBSA.	M AN 4/4	The Field must contain a valid CBSA Office Code	Y
	02	(373) Date	This element is used to transmit expected date of arrival of the train at the Canadian Port of Entry. The date format to be used in this field is CCYYMMDD, where CC is the century, YY is the year, MM is the month, and DD is the day.	M DT 8/8	The Field must contain a valid date	Y
	04	(310) Location Identifier	This element is used to transmit the Canadian Port of Discharge. This is the port at which the bulk of the train's cargo is off-loaded. This field must contain a valid CBSA Office code. Code lists are available at the CBSA.	M AN 4/4	The Field must contain a valid CBSA Office Code	Y
	05	(337) Time	This element is used to transmit expected time of arrival of the train at the Canadian Port of Entry. The time format to be used in this field is HHMM, where HH is the hour, and MM is the minute.	M TM 4/4	The Field must contain a valid time	Y
LOOP ID – P4/VID				M 1/9999	Only use 999 loops for CBSA	

A1 Rail Conveyance Report

Segment ID	Element	Reference ID/Name	Notes	Attributes	Codes	M
VID		Conveyance Identification	<p>This is an optional segment of the 358-transaction set but must be transmitted for the purposes of the A1 report.</p> <p>One railcar is mandatory for each loop. The equipment description code (VID01) will need to be one of the following: BG, CA, ET, GS, ID, LO, RR, SK or TN. The loaded/empty indicator (VID10) and the beyond routing information (VID12) will need to go on the VID with the railcar. When a container applies a second VID will be used with one of the following container codes: CC, CH, CM, CN, CX, CZ, LS, OT, PL, PT, RL, RT or TL. No MBL segment is required when the equipment is empty. A MBL will be used when a load exists, a valid CCN will be provided in the MBL02 when required (local, in-transit) and “Y” in MBL04. The value “NA” will be used in the MBL02 and “N” in the MBL04 for loads not requiring a CCN (goods returning, haulage, and non-revenue racks)</p> <p>Elements with reference 06, 07, 08, 09, 11 are not currently used for the purposes of A1 transactions. As such they are not listed in this map.</p>	M 1/1		M

A1 Rail Conveyance Report

Segment ID	Element	Reference ID/Name	Notes	Attributes	Codes	M
	01	(40) Equipment Description Code	This element is used to indicate the type of equipment being used. The first occurrence will be a railcar.	M ID 2/2	Railcars: BG Bogie CA Caboose ET End of Train Device GS Generator Set ID Idler Car LO Locomotive RR Railcar SK Stack Car TN Tank Car Containers: CC Container resting on chassis CH Chassis CM Container, open sided CN Container CX Container, Tank CZ Container, Refrigerated LS Half-height flat rack OT Open top/flatbed trailer PL Container, Platform PT Protected trailer RL Roadrailer RT Reefer Trailer TL Trailer	
	02	(206) Equipment Initial	This element indicates the prefix or alpha part of an equipment number. For the purposes of the A1 report this element is mandatory.	M AN 1/4		Y
	03	(207) Equipment Number	This element indicates the sequencing or serial part of an equipment number. For the purposes of the A1 report this element is mandatory. Leading zeros should not be dropped from this number.	M AN 1/10		Y

A1 Rail Conveyance Report

Segment ID	Element	Reference ID/Name	Notes	Attributes	Codes	M
	10	(322) Load/Empty Status Code	For the purposes of the A1 report this field is Mandatory on the first occurrence if the VID. It is used to indicate whether the railcar is loaded or empty. There are only two acceptable codes for this field on the first occurrence of the VID: "L" for Loaded and "E" for empty.	M ID 1/1	L – Loaded E – Empty	Y
	12	(310) Location Identifier	Beyond routing and port of exit information 1. Enter 0000 if cargo is returning to Canada. 2. Enter applicable port code if the cargo is in-transit. 3. Omit if the cargo is local	O AN 4/4		Y
LOOP ID – P4/VID/MBL			The MBL loop can repeat up to 9999 times. However for the purposes of the A1 Report this loop shall occur a maximum of 999 times This structure allows one to define multiple Bills of Lading per container.	O 1/999		
MBL		Bill of Lading	This segment is used for the purposes of A1 transmissions to transmit the related cargo control number (CCN). No MBL is required when the equipment is empty. A MBL will be used when a load exists. A valid CCN will be provided when required (local, in-transit) and "Y" in MBL04. The value "NA" will be used in the MBL02 and "N" in the MBL04 for loads not requiring a CCN (goods returning, haulage, and non-revenue racks)	O 1/1		

A1 Rail Conveyance Report

Segment ID	Element	Reference ID/Name	Notes	Attributes	Codes	M
	01	(140) Standard Carrier Alpha Code	This is a mandatory field according to the ANSI transaction set. However this element is not used for the Purposes of the A1 report. This element is used to identify the transportation company.	M ID 2/4	The ID must be a valid SCAC code	
	02	(598) Bill of Lading/Waybill Number	This field is used to provide the related Cargo Control Number. For Empty containers where a CCN is not required the Rail Carrier/Sender should transmit "NA".	M AN 6/25	Use "NA" if CCN not required.	Y
	04	(1073) Yes/No Condition or Response Code	The Default value is "Y". If this field is not transmitted, it is assumed a valid CCN is provided in MBL02.	O ID 1/1	Y – a valid CCN was transmitted in MBL02 N – no CCN provided in MBL02	
SE		Transaction Set Trailer	This segment is used to identify the end of the transaction. This segment also provides an element to indicate the total line count of the transaction. The line count is ST - SE, inclusive. Each ST-SE grouping signifies a different A1 (train report).	M 1/1		
	01	(96) Number of Included Segments	This element provides the total number of segments within the transaction. This includes the "ST" and "SE" segments.	M NO 1/10		
	02	(329) Transaction set control number	This element must contain an alphanumeric identifier that is unique within the GS-GE grouping. This field must match the corresponding field on the ST segment of the transaction when transmitted.	M AN 4/9	Must match ST element 02	

Highway Cargo Report A8A (311)

Message Map

A8A Highway Cargo Report (311)

**Glossary of Data Elements for Highway Cargo Report A8A
– See PRD Appendix C for Sample A8A Message Map**

Name/Segment	Element Description	Rules and Conditions
Cargo Control Number (Transport Document Number) N9(XC) Reference Id	A unique non-duplicating number assigned by the carrier. The first four digits are the carrier code, which identifies a specific cargo report.	Mandatory.
Carrier Code N9(AAO) Reference Id	The official 4-digit highway bonded carrier code assigned by the CBSA.	Mandatory. Code must be that of a CSA-approved carrier.
Client Privilege Code N1(67) Identification Code	A 2-digit code that identifies the specified cargo report as being either a CSA shipment or not a CSA shipment.	Mandatory. Code 00 is used for non-CSA shipments. Code 01 is used for CSA shipments
Consignee Name N1 (CN) Name	Name of the party in Canada to whom the goods are shipped.	Mandatory.
Consignee Address N3(CN) Address Info	Street address of the consignee as defined above.	Mandatory.
Consignee City N4(CN) City Name	The city component of the address of the consignee as defined above.	Mandatory.
Consignee Province/State Code. N4(CN)State or Province	A code or abbreviation of the province or state component of the address of the consignee as defined above.	Mandatory. See Code Table #2 – Province/ State Codes
Consignee Country N4(CN)Country Code	A code identifying the country component of the address of the consignee as defined above.	Mandatory. See Code Table #3 – Country Codes
Consignee Postal/Zip N4(CN) Postal Code	The postal or zip code component of the address of the consignee as defined above.	Mandatory.
Country of Transshipment (Transshipment Port) R4(T) Country Code	The country(ies) through which the shipment is routed, i.e. between the country of export and the country of destination. Coded. Could have duplicate country of transshipment.	Conditional. Mandatory if place of lading is other than U.S.A. See Code Table #3 – Country Codes
Description of Goods (Lading Description) including Marks and Numbers L5 Lading Description	A free-form precise narrative description to identify the shapes, physical characteristics, and likely packaging of the manifested cargo so that CBSA officers can assess what the cargo is. In addition, the 6-digit tariff number may be used by those with the ability to provide it correctly	Mandatory.
Importer Business Number N9(ABQ) Reference Id	A unique 15-digit number which identifies the importer for CBSA purposes and identifies him or her as being a CSA participant.	Conditional: mandatory for CSA goods only; otherwise not required.
Place of Lading (Bill of Lading; Port of Loading/ Foreign Port of Lading) R4(J) Port or terminal	The country where the shipment begins its continuous journey to Canada before commencing any in-transit or international movement(s).	Mandatory. This element is coded using a 2-digit country code. See Code Table #3 – Country Codes
Port of Destination (CBSA Office of Manifest Destination) R4(4) Port or terminal	CBSA office code where a specific shipment will make its final report.	Mandatory.
Port of Report (CBSA Office of Manifest Origin) R4(3) Port or terminal	CBSA office code where the conveyance/shipment is expected to enter into Canada.	Mandatory. See Code Table #4 – CBSA Office Codes.

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Name/Segment	Element Description	Rules and Conditions
Quantity LO Lading Quantity	Total number of packages of the entire declaration/consignment/shipment.	Mandatory.
Quantity Qualifier LO Packaging Form Code	Unit of measure code assigned by the CBSA. This code describes the type of packages in which the goods are presented.	Mandatory. See Code Table #7 – Shipment Quantity Qualifier Codes
Shipper Name N1(SH) Name	Name of the party which, by contract with a carrier, consigns or sends goods with a carrier, or has them conveyed by him or her for delivery to the Canadian consignee/importer.	Mandatory.
Shipper Address N3(SH) Address Info	Street address of the shipper as defined above.	Mandatory.
Shipper City N4(SH) City Name	The city component of the address of the shipper as defined above.	Mandatory.
Shipper Province/State Code N4(SH) State or Province Code	A code or abbreviation of the province or state component of the address of the shipper as defined above.	Conditional. Mandatory if shipped from the U.S. or Canada. See Code Table #2 – Province/ State Codes
Shipper Country N4(SH)Country Code	A code identifying the country component of the address of the shipper as defined above.	Mandatory. See Code Table #3 – Country Codes
Shipper Postal/Zip N4(SH) Postal Code	The postal or zip code component of the address of the shipper as defined above.	Conditional. Mandatory if shipped from the U.S. or Canada.
Special Instructions K1 Remarks	Directions for handling and/or delivering a shipment.	Conditional.
Sub-work location (CBSA Sub-Port) R4 Terminal Name	Code for a CBSA authorized warehouse where a specific cargo report will be acquitted and the goods will be released. This must be where the goods will be actually located.	Mandatory. Carrier must specify the valid sub-work location code where the goods will be physically located. See Code table #8 – Sub-Location Codes.
U.N. Dangerous Goods Number L5 Commodity Code	Unique serial number assigned within the United Nations to substances and articles that are on a list of dangerous goods most commonly carried.	Conditional. Mandatory if dangerous goods are present. See Code Table #9 – UN Dangerous Goods.
Weight LO Weight	Gross weight of the entire declaration/consignment/shipment	Mandatory.
Weight Qualifier LO Weight Qualifier	Type of weight - Gross weight	Mandatory. See Code Table #6 – Unit of Measure Codes.

CANADA BORDER SERVICES AGENCY

CUSTOMS SELF ASSESSMENT (CSA) PROJECT

EDI Highway Cargo Message

ASC X12 v4010, 311 TRANSACTION SET MESSAGE MAP

VERSION 1.9 - December 2000

Updated April 2005

A8A Highway Cargo Report (311)

INTRODUCTION

This message map defines the data elements and structure associated with submitting an Electronic Data Interchange (EDI) message to supply an EDI highway cargo document to Canada Border Services Agency. This message will be used in conjunction with the Customs Self Assessment (CSA) Project.

This cargo message has been designed using version 4010 of the American Standards Committee (ASC) X12 Standards as controlled by the American National Standards Institute (ANSI).

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.

ASC X12 Segment ID.

Every ASC X12 segment (a group of associated data elements) is assigned a unique 2 or 3 alphanumeric "Tag" for reference purposes. The tags are defined within the X12 data element directories. It should be noted that the "tag" is transmitted within the EDI messages in the order that they are defined.

ASC Element Id.

This column of the map identifies the numeric identifier of each of the ASC X12 data elements. There are three (3) types of elements defined. Descriptions of each are provided below. It should be noted that the Element IDs are not transmitted within the message, only the value of the data element is transmitted in the appropriate position within the segment.

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

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

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 unique numbers.

A8A Highway Cargo Report (311)

Segment/Element Position

This column of the map identifies the Segment or Element position within the ASC X12 message structure. The Element position numbers identify the position of a data element within a segment. Simple data elements are assigned the next sequential number in order of occurrence within the segment.

ASC X12 Data Element Names

This column provides the name of the ASC X12 Segment, Composite, Component, or Simple Data element, as defined in the ASC X12 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 ASC X12 data elements. In many cases mandatory ASC X12 codes are used to qualify the data elements being supplied. In these cases the description of the ASC X12 codes values are provided.

Data Type/Size

The attributes of data type and maximum size are defined in this column. These are described using a 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.

A8A Highway Cargo Report (311)

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 ASC X12 message structure is formatted using a set of special characters to control the position of data within a segment. The required ASC X12 syntax to be transmitted after each value is provided in this column. In some cases conditional data elements within a segment must be “skipped” (if they are not used), in these case more than one syntax character has been specified after a particular data element.

Status - Mandatory Or Conditional - Occurrence Count

Depending on the message requirement different rules of "mandatory" or "conditional" use of a data element may apply. In addition a hierarchy of rules apply, if 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.

X – Conditional

O/Z – Optional with a semantic note

X/Z – Conditional with a semantic Note

The Z identifies an ANSI semantic note.

A8A Highway Cargo Report (311)

Message Structure:

- ISA - Interchange Control Header
 - GS - Function Group Header
 - ST - Transaction Set Header
 - B2A - Set Purpose
 - N9 - Reference Identification
 - Cargo Control Number (CCN), Business Number (BN)
 - Loop ID - N1
 - Shipper, Consignee, Notify Party information
 - N1 - Name
 - N3 - Address Information
 - N4 - Geographic Location
 - R4 - Port or Terminal
 - Bill of Lading Port of Loading (Foreign Port of Lading), Transshipment Port, CBSA Office of Manifest Origin, CBSA Office of Manifest Destination
 - K1 - Remarks
 - Special instructions
 - Loop ID - LX
 - LX - Assigned Number
 - Loop ID - L0
 - L0 - Line item - quantity and weight
 - L5 - Description, marks and numbers, Hazardous Goods
 - SE - Transaction Set Trailer
 - GE - Functional Group Trailer
- IEA - Interchange Control Trailer

A8A Highway Cargo Report (311)

ANSI X12 Segment ID	ANSI X12 Element ID	Element Position on Segment	ANSI X12 Data Element Names	Notes and Descriptions	Data Type And Size	Codes\Values	Default Syntax	Occurrence
ISA			Interchange Control Header	To start and identify an interchange of zero or more functional groups and interchange-related control segments	ID3	ISA	*	M1
	I01	1	Authorization Information Qualifier	Code to identify the type of information in the Authorization information	ID2	00 - No authorization information present	*	M
	I02	2	Authorization Information	Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by element 101	AN10	Space fill	*	M
	I03	3	Security Information Qualifier	Code to identify the type of information in the Security Information	ID2	00 - No security information present	*	M
	I04	4	Security Information	This is used for identifying the security information about the interchange sender or data in the interchange; the type of information is set by the element 103	AN10	Space Fill	*	M
	I05	5	Interchange ID Qualifier	Qualifier to designate the system/method of code structure used to designate the sender ID element	ID2	As per the transport requirements	*	M

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ANSI X12 Segment ID	ANSI X12 Element ID	Element Position on Segment	ANSI X12 Data Element Names	Notes and Descriptions	Data Type And Size	Codes\Values	Default Syntax	Occurrence
	I06	6	Interchange Sender ID	Identification code published by the sender of the data	AN15	As per the transport requirements. Must left justify and space fill	*	M
	I05	7	Interchange ID Qualifier	Qualifier to designate the system/method of code structure used to designate the Receiver ID element	ID2	As per the transport requirements	*	M
	I07	8	Interchange Receiver ID	Identification code published by the receiver of the data	AN15	As per the transport requirements. Must left justify and space fill	*	M
	I08	9	Interchange Date	Date of the Interchange The format is year (YY), month (MM), day (DD)	DT6	YYMMDD - Date	*	M
	I09	10	Interchange Time	Time of the interchange The format is hour (HH), minute (MM)	TM4	HHMM - Time	*	M
	I10	11	Interchange Control Standards Identifier	Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer	ID1	U - U.S EDI Community of ASC X12, TDCC, and UCS	*	M
	I11	12	Interchange Control Version Number	This version number covers the interchange control segments	ID5	00200	*	M

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ANSI X12 Segment ID	ANSI X12 Element ID	Element Position on Segment	ANSI X12 Data Element Names	Notes and Descriptions	Data Type And Size	Codes\Values	Default Syntax	Occurrence
	I12	13	Interchange Control Number	A control number assigned by the interchange sender.	N9	Assigned by the sender	*	M
	I13	14	Acknowledgment Requested	Code sent by the sender to request an interchange acknowledgment (TA1)	ID1	0 - No acknowledgment requested	*	M
	I14	15	Usage Indicator	Code to indicate whether data enclosed by this interchange envelope is test, production or information	ID1	T - Test P - Production	*	M
	I15	16	Component Element Separator	This field provides the delimiter used to separate component data elements within a composite data structure. This value must be different than the data element separator and the segment terminator, and should NOT be a common character that is likely to be found in a textual value	ID1	Assigned by the sender	Lf	M
GS			Functional Group Header	To indicate the beginning of a functional group and to provide control information	ID2	GS	*	M1
	479	1	Functional Identifier Code	Code identifying a group of application related transaction sets	ID2	SO - Ocean Shipment Information	*	M
	142	2	Application Sender's Code	Code identifying party sending transmission. Codes to be agreed up by both parties	AN2..15	Assigned by the sender, and agreed to by CBSA	*	M

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ANSI X12 Segment ID	ANSI X12 Element ID	Element Position on Segment	ANSI X12 Data Element Names	Notes and Descriptions	Data Type And Size	Codes\Values	Default Syntax	Occurrence
	124	3	Application Receiver's Code	Code identifying party receiving the transmission	AN2..15	HA8A - Highway Cargo	*	M
	373	4	Date	Date of the group The format is century (CC), year (YY), month (MM), day (DD)	DT8	CCYYMMDD - Date	*	M
	337	5	Time	Time of the group The format is hour (HH), minute (MM)	TM4	HHMM - Time	*	M
	28	6	Group Control Number	Assigned number originated and maintained by the sender	N1..9	Assigned by the sender	*	M
	455	7	Responsible Agency Code	Code used in conjunction with element 480 to identify the issuer of the standard	ID1..2	X - Accredited Standards Committee X12	*	M
	480	8	Version/ Release/ Industry Identifier Code	Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used	AN1..12	004010	Lf	M
ST			TRANSACTION SET HEADER		ID2	ST	*	M1
	143	1	Transaction Set Identifier Code		ID3	311	*	M
	329	2	Transaction Set Control Number	Transaction set control number must be unique for each transaction (ST-SE) within the functional group (GS-GE)	AN4..9	Unique reference identifier	Lf	M
B2A			SET PURPOSE		ID3	B2A	*	M1
	353	1	Transaction Set Purpose Code	This field is used to indicate the transaction type (Original, Change, or Delete)	ID2	00 - Original 03 - Delete 04 - Change	*	M

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ANSI X12 Segment ID	ANSI X12 Element ID	Element Position on Segment	ANSI X12 Data Element Names	Notes and Descriptions	Data Type And Size	Codes\Values	Default Syntax	Occurrence
	346	2	Application Type	This field is used to indicate the application type (import, export, in-transit)	ID2	37 - Highway Import 38 - Highway Export 39 - Highway In-Transit	Lf	M
N9			REFERENCE IDENTIFICATION	The segment must occur at least twice: once to indicate the CBSA carrier code and once to indicate the cargo control number. It can occur an optional time to indicate the Importer's CBSA Business Number (BN)	ID2	N9	*	M2 C1
	128	1	Reference Identification Qualifier	Use AAO for CBSA Carrier Code, XC for the Cargo Control Number (CCN), ABQ for the Importer's CBSA Business Number (BN)	ID2..3	AAO - CBSA Carrier Assigned Code XC - Cargo Control Number ABQ - CBSA Business Number (BN)	*	M
	127	2	Reference Identification	This field will contain the CBSA Carrier Code, Cargo Control Number, or the Importer's CBSA Business Number (BN), as appropriate	AN4..25		Lf	M

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ANSI X12 Segment ID	ANSI X12 Element ID	Element Position on Segment	ANSI X12 Data Element Names	Notes and Descriptions	Data Type And Size	Codes\Values	Default Syntax	Occurrence
Loop ID - N1				This loop will be used to identify the following parties: Mandatory - 1. Shipper 2. Consignee Optional - 3. Notify Party Loops identifying any other parties will not be used by the CBSA.				M2 C8
N1			Name	To identify a party by type of organization, name, and code		N1	*	M1
	98	1	Entity Identifier Code		ID2..3	SH - shipper CN - consignee NP - notify party	*	M
	93	2	Name		AN1..35		*	M
	66	3	Identification Code Qualifier		ID1..2	ZZ - mutually defined	*	C
	67	4	Identification Code	Mandatory when N101 is CN - consignee. 00 for non-CSA goods. 01 for goods qualifying under CSA program. 02 for A49 automotive goods	AN2..3	00 - non CSA goods 01 - CSA goods 02 - A49 automotive goods	Lf	C
N3			Address Information	To specify the location of the named party		N3	*	M1 C1
	166	1	Address Information	Street line 1	AN1..35		*	M
	166	2	Address Information	Street line 2	AN1..35		Lf	C
N4			Geographic Location	To specify the geographic place of the named party		N4	*	M1
	19	1	City Name		AN2..30		*	M

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ANSI X12 Segment ID	ANSI X12 Element ID	Element Position on Segment	ANSI X12 Data Element Names	Notes and Descriptions	Data Type And Size	Codes\Values	Default Syntax	Occurrence
	156	2	State or Province Code		ID2	For State code: see Code Table #2 - Province/ State Codes	*	M
	116	3	Postal Code	Postal or zip code	ID3..9		*	M
	26	4	Country Code	See Code Table #3 - Country Codes for list	ID2		Lf	M
R4			Port or Terminal	Contractual or operational port or point relevant to the movement of the cargo Mandatory: J - Bill of Lading/ Port of Loading 3 - CBSA Office of Manifest Origin 4 - CBSA Office of Manifest Destination Optional: T - Transshipment Port If Bill of Lading/ Port of Loading (J) is not US then at least one transshipment port is required. May occur up to 5 times		R4	*	M4 C5

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ANSI X12 Segment ID	ANSI X12 Element ID	Element Position on Segment	ANSI X12 Data Element Names	Notes and Descriptions	Data Type And Size	Codes\Values	Default Syntax	Occurrence
	115	1	Port or Terminal Function Code	Code defining function performed at the port or terminal with respect to a shipment	ID1	J - Bill of Lading/ Port of Loading (Foreign Port of Lading) T - Transshipment Port 3 - CBSA Office of Manifest Origin 4 - CBSA Office of Manifest Destination	*	M
	309	2	Location Qualifier	CD for port function codes 3 and 4 SC for port function code J	ID1..2	CD - CBSA Office Code SC - City/State and Points Within	*	M
	310	3	Location Identifier	CBSA office codes for port function codes 3 and 4. Free form text for port function code J	AN1..30	See Code Table #4 - CBSA Office Codes	**	C
	26	5	Country Code	Required for port function codes T and J.	ID2..3	ISO 3166 code See Code Table #3 - Country Codes	*	C
	174	6	Terminal Name	To indicate CBSA Sub-Port. Mandatory for CBSA Office of Manifest Destination, when R4 position 1 is 4	N4	Canada CBSA Sub-Port Code of the warehouse where the goods are destined or the default warehouse code for in-bond cargo	Lf	C
K1			Remarks	Special instructions		K1	*	C5

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ANSI X12 Segment ID	ANSI X12 Element ID	Element Position on Segment	ANSI X12 Data Element Names	Notes and Descriptions	Data Type And Size	Codes\Values	Default Syntax	Occurrence
	61		Free-Form Message		AN1..30		*	M
	61		Free-Form Message		AN1..30		Lf	C
Loop ID - LX								M1 C998
LX			Assigned Number	To reference a line number in a transaction set		LX	*	M1
	554	1	Assigned Number	Number assigned for differentiation within a transaction set	N01..6	Must be unique within the transaction set.	Lf	M
Loop ID - L0								M1
L0			Line Item - Quantity and Weight			L0	*	M1
	213	1	Lading Line Item Number	Sequential line number for a lading item	N01..3		***	M
	81	4	Weight		R1..10		*	M
	187	5	Weight Qualifier	Code defining the type of weight	ID1..2	G - Gross Weight	***	M
	80	8	Lading Quantity		N01..7		*	M
	211	9	Packaging Form Code	Code for packaging form of the lading quantity	ID3	See Code Table #7 - Shipment Quantity Codes	**	M
	188	11	Weight Unit Code	Code specifying the weight unit	ID1	K - Kilograms L - Pounds E - Metric Ton	Lf	M
L5			Description, Marks and Numbers			L5	*	M1 C998
	213	1	Lading Line Item Number	Sequential line number for a lading item	N01.3		*	M
	79	2	Lading Description	Description of an item as required for rating and billing purposes	AN1..50		***** *	M
	23	8	Commodity Code Qualifier		ID1	Z - Mutually defined	*	C

A8A Highway Cargo Report (311)

ANSI X12 Segment ID	ANSI X12 Element ID	Element Position on Segment	ANSI X12 Data Element Names	Notes and Descriptions	Data Type And Size	Codes\Values	Default Syntax	Occurrence
	22	9	Commodity Code		AN6	Dangerous Goods Number	Lf	C
SE			Transaction Set Trailer		ID2	SE	*	M1
	96	1	Number of Included Segments	Should identify the total number of segments within the transaction set (ST - SE) including the ST and SE segments	N1..10		*	M
	329	2	Transaction Set Control Number	Must be the same as ST02 (element 329 on segment ST)	AN4..9	Unique reference identifier	Lf	
GE			Functional Group Trailer	To indicate the end of a functional group and to provide control information	ID2	GE	*	M1
	97	1	Number of Transaction Sets Included	Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	N1..6	Integer value indicating the total number of transactions in the group	*	M
	28	2	Group Control Number	Assigned number originating at and maintained by the sender	N1..9	This value should be the same as element 28 on the GS segment	Lf	M
IEA			Interchange Control Trailer	To define the end of an interchange of zero or more functional groups and interchange-related control segments	ID3	IEA	*	M1

A8A Highway Cargo Report (311)

ANSI X12 Segment ID	ANSI X12 Element ID	Element Position on Segment	ANSI X12 Data Element Names	Notes and Descriptions	Data Type And Size	Codes\Values	Default Syntax	Occurrence
	116	1		Number of included functional groups	N1..5	This should be the number of functional groups (GS-GE) contained within the interchange (ISA - IEA)	*	M
	112	2	Interchange Control number	A control number assigned by the sender of the interchange	N9	This value should be the same as element 112 on the ISA segment	Lf	M

Highway Conveyance Report A9 (311)

Message Map

A9 Highway Conveyance Report (311)

**Glossary of Data Elements for Highway Conveyance Report A9
– See PRD Appendix C for Sample A9 Message Map**

Element Name	Element Description	Rules and Conditions
Arrival Date and Time DTM Date/Time/Reference	The estimated date and time of arrival at the Canadian border.	Mandatory.
Carrier Code N9(AAO) Reference Id	The official 4-digit highway-bonded carrier code assigned by the CBSA.	Mandatory. Code must be that of a CSA-approved carrier.
Container Initial NA Equipment Initial	The container prefix or initial	Conditional. Mandatory if shipment is containerized or if container is empty.
Container Number NA Equipment Number	The container's equipment number	Conditional. Mandatory if shipment is containerized or if container is empty.
Container Seal Number NA Reference Id	The number(s) of all seals affixed to the container.	Conditional. Mandatory if shipment is containerized and requires company seals.
Conveyance Report Number (Trip Number) N9(TG) Reference Id	A unique, non-duplicating number assigned by the carrier. The first four digits are the carrier code, which identifies and distinguishes the conveyance with its associated cargo from all others.	Mandatory.
Manifest Summary Report (Listing of related Cargo Control Numbers or Transport Document Numbers) L5 Marks and Numbers	A summary listing of all the Cargo Report IDs (cargo control numbers) attached to the Conveyance Report ID. Will also display a Hazardous Materials indicator next to the appropriate CCN on summary.	Mandatory. At least one must be present. Can occur at both the trailer and container levels.
Port of Report (Port of Entry) R4(G) Location Id	CBSA office code where the conveyance is expected to enter into Canada.	Mandatory. See Code Table #4 – CBSA Office Codes.
Seal Number Group M7 Seal Number	The number(s) of all seals affixed to the trailer (equipment).	Conditional. Company seals are at the trailer level only, unless containerized.
Tractor License Plate Number V2 Vessel Info Ref Nbr	The license plate number (not including province/state) of the tractor unit. This number must be that which appears on the tractor's apportioned/prorated registration or title.	Mandatory.
Tractor Plate Province or State V2 Vessel Info Location Id	The province or state code associated with the tractor license plate number noted above.	Mandatory.
Trailer License Plate Number (Equipment Number) ED Equipment Number	The trailer equipment license number, not including province/state. This number must be that which appears on the trailer's apportioned/prorated registration or title.	Mandatory.
Trailer Plate Province or State (Equipment Initial) ED Equipment Initial	The province or state code associated with the trailer license plate number noted above.	Mandatory. See Code Table #2 – Province/State Codes.

CANADA BORDER SERVICES AGENCY

CUSTOMS SELF ASSESSMENT (CSA) PROJECT

EDI Highway Conveyance Message

ASC X12 v4010, 311 TRANSACTION SET MESSAGE MAP

VERSION 1.8 - October 2000
Updated April 2005

A9 Highway Conveyance Report (311)

INTRODUCTION

This message map defines the data elements and structure associated with submitting an Electronic Data Interchange (EDI) message to supply EDI highway conveyance document to Canada Border Services Agency. This message will be used in conjunction with the Customs Self Assessment (CSA) Project.

This conveyance message has been designed using version 4010 of the American Standards Committee (ASC) X12 Standards as controlled by the American National Standards Institute (ANSI).

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.

ASC X12 Segment ID.

Every ASC X12 segment (a group of associated data elements) is assigned a unique 2 or 3 alphanumeric "Tag" for reference purposes. The tags are defined within the X12 data element directories. It should be noted that the "tag" is transmitted within the EDI messages in the order that they are defined.

ASC Element Id.

This column of the map identifies the numeric identifier of each of the ASC X12 data elements. There are three (3) types of elements defined. Descriptions of each are provided below. It should be noted that the Element IDs are not transmitted within the message, only the value of the data element is transmitted in the appropriate position within the segment.

Composite Data

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

Component Data

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

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 unique numbers.

A9 Highway Conveyance Report (311)

Segment/Element Position

This column of the map identifies the Segment or Element position within the ASC X12 message structure. The Element position numbers identify the position of a data element within a segment. Simple data elements are assigned the next sequential number in order of occurrence within the segment.

ASC X12 Data Element Names

This column provides the name of the ASC X12 Segment, Composite, Component, or Simple Data element, as defined in the ASC X12 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 ASC X12 data elements. In many cases mandatory ASC X12 codes are used to qualify the data elements being supplied. In these cases the description of the ASC X12 codes values are provided.

Data Type/Size

The attributes of data type and maximum size are defined in this column. These are described using a 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.

A9 Highway Conveyance Report (311)

Default Syntax

The ASC X12 message structure is formatted using a set of special characters to control the position of data within a segment. The required ASC X12 syntax to be transmitted after each value is provided in this column. In some cases conditional data elements within a segment must be “skipped” (if they are not used), in these case more than one syntax character has been specified after a particular data element.

Status - Mandatory Or Conditional - Occurrence Count

Depending on the message requirement different rules of "mandatory" or "conditional" use of a data element may apply. In addition a hierarchy of rules apply, if 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.

X – Conditional

O/Z – Optional with a semantic note

X/Z – Conditional with a semantic Note

The Z identifies an ANSI semantic note.

A9 Highway Conveyance Report (311)

Message Structure:

ISA - Interchange Control Header

GS - Function Group Header

ST - Transaction Set Header

B2A - Set Purpose

identifies the type of message

N9 - Reference Identification

Required twice, once for the Carrier Code,
and once for the conveyance shipment
identifier (trip number)

V2 - Vessel Information

Required for the expected tractor license plate number

DTM - Date\Time Reference

Provides the estimated time
of arrival at the port of entry

LOOP ID - N1

N1 - Name

Required for the 311 transaction set

R4 - Port or Terminal

Provides the port of entry

LOOP ID - LX

Loop LX Start

LX - Assigned Number

This segment occurs once
per LX loop to indicate the start
of another loop iteration

LOOP ID - ED

ED - Equipment Description

Provides the trailer equipment number

M7 - Seal Numbers

Provides the trailer seal number(s)

NA - Cross-reference Equipment

Provides the container equipment number

and seal number if different than the trailer

LOOP ID - L0

L0 - Line item - quantity and weight

Indicates the start of the L0 loop

L5 - Description, marks and numbers

This segment can repeat up to 999 times

and provides the related bill of lading control numbers

Loop LX End

SE - Transaction Set Trailer

GE - Functional Group Trailer

IEA - Interchange Control Trailer

Loop LX should occur
once for every unique
combination of trailer
equipment ID and, if
applicable, related
container equipment ID

A9 Highway Conveyance Report (311)

ANSI X12 Segment ID	ANSI X12 Element ID	Element Position on Segment	ANSI X12 Data Element Names	Notes and Descriptions	Data Type And Size	Codes\Values	Default Syntax	Occurrence
ISA			Interchange Control Header	To start and identify an interchange of zero or more functional groups and interchange-related control segments	ID3	ISA	*	M1
	101	1	Authorization Information Qualifier	Code to identify the type of information in the Authorization information	ID2	00 - No authorization information present	*	M
	102	2	Authorization Information	Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by element 101	AN10	Space fill	*	M
	103	3	Security Information Qualifier	Code to identify the type of information in the Security Information	ID2	00 - No security information present	*	M
	104	4	Security Information	This is used for identifying the security information about the interchange sender or data in the interchange; the type of information is set by the element 103	AN10	Space Fill	*	M
	105	5	Interchange ID Qualifier	Qualifier to designate the system/method of code structure used to designate the sender ID element	ID2	As per the transport requirements	*	M
	106	6	Interchange Sender ID	Identification code published by the sender of the data	AN15	As per the transport requirements. Must left justify and space fill	*	M

A9 Highway Conveyance Report (311)

ANSI X12 Segment ID	ANSI X12 Element ID	Element Position on Segment	ANSI X12 Data Element Names	Notes and Descriptions	Data Type And Size	Codes\Values	Default Syntax	Occurrence
	105	7	Interchange ID Qualifier	Qualifier to designate the system/method of code structure used to designate the Receiver ID element	ID2	As per the transport requirements	*	M
	107	8	Interchange Receiver ID	Identification code published by the receiver of the data	AN15	As per the transport requirements. Must left justify and space fill	*	M
	108	9	Interchange Date	Date of the Interchange The format is year (YY), month (MM), day (DD)	DT6	YYMMDD - Date	*	M
	109	10	Interchange Time	Time of the interchange The format is hour (HH), minute (MM)	TM4	HHMM - Time	*	M
	110	11	Interchange Control Standards Identifier	Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer	ID1	U - U.S EDI Community of ASC X12, TDCC, and UCS	*	M
	111	12	Interchange Control Version Number	This version number covers the interchange control segments	ID5	00200	*	M
	112	13	Interchange Control Number	A control number assigned by the interchange sender.	N9	Assigned by the sender	*	M
	113	14	Acknowledgment Requested	Code sent by the sender to request an interchange acknowledgment (TA1)	ID1	0 - No acknowledgment requested	*	M
	114	15	Usage Indicator	Code to indicate whether data enclosed by this interchange envelope is test, production or information	ID1	T - Test P - Production	*	M

A9 Highway Conveyance Report (311)

ANSI X12 Segment ID	ANSI X12 Element ID	Element Position on Segment	ANSI X12 Data Element Names	Notes and Descriptions	Data Type And Size	Codes\Values	Default Syntax	Occurrence
	115	16	Component Element Separator	This field provides the delimiter used to separate component data elements within a composite data structure. This value must be different than the data element separator and the segment terminator, and should NOT be a common character that is likely to be found in a textual value	ID1	Assigned by the sender	Lf	M
GS			Functional Group Header	To indicate the beginning of a functional group and to provide control information	ID2	GS	*	M1
	479	1	Functional Identifier Code	Code identifying a group of application related transaction sets	ID2	SO - Ocean Shipment Information	*	M
	142	2	Application Sender's Code	Code identifying party sending transmission. Codes to be agreed up by both parties	AN2..15	Assigned by the sender, and agreed to by CBSA	*	M
	124	3	Application Receiver's Code	Code identifying party receiving the transmission	AN2..15	HA9 - Highway Conveyance	*	M
	373	4	Date	Date of the group The format is century (CC), year (YY), month (MM), day (DD)	DT8	CCYYMMDD - Date	*	M
	337	5	Time	Time of the group The format is hour (HH), minute (MM)	TM4	HHMM - Time	*	M
	28	6	Group Control Number	Assigned number originated and maintained by the sender	N1..9	Assigned by the sender	*	M
	455	7	Responsible Agency Code	Code used in conjunction with element 480 to identify the issuer of the standard	ID1..2	X - Accredited Standards Committee X12	*	M

A9 Highway Conveyance Report (311)

ANSI X12 Segment ID	ANSI X12 Element ID	Element Position on Segment	ANSI X12 Data Element Names	Notes and Descriptions	Data Type And Size	Codes\Values	Default Syntax	Occurrence
	480	8	Version/ Release/ Industry Identifier Code	Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used	AN1..12	004010	Lf	M
ST			TRANSACTION SET HEADER		ID2	ST	*	M1
	143	1	Transaction Set Identifier Code		ID3	311	*	M
	329	2	Transaction Set Control Number	Transaction set control number must be unique for each transaction (ST-SE) within the functional group (GS-GE)	AN4..9	Unique reference identifier	Lf	M
B2A			SET PURPOSE		ID3	B2A	*	M1
	353	1	Transaction Set Purpose Code	This field is used to indicate the transaction type (Original, Change, or Delete)	ID2	00 - Original 03 - Delete 04 - Change	*	M
	346	2	Application Type	This field is used to indicate the application type (import)	ID2	37 - Highway Import	Lf	M
N9			REFERENCE IDENTIFICATION	The segment must occur at least two times: once to indicate the carrier code, once to indicate the conveyance shipment identifier. It can occur optionally another time: once to indicate the Vehicle Identification Number (VIN)	ID2	N9	*	M2 C1

A9 Highway Conveyance Report (311)

ANSI X12 Segment ID	ANSI X12 Element ID	Element Position on Segment	ANSI X12 Data Element Names	Notes and Descriptions	Data Type And Size	Codes\Values	Default Syntax	Occurrence
	128	1	Reference Identification Qualifier	Use AAO for the carrier code, CY for the driver registration number, TG for the conveyance shipment identifier, and VT for the VIN NOTE: The first four characters of the conveyance shipment identifier must be the carrier code.	ID2..3	AAO - Carrier Assigned Code Number TG - Transport Control Number VT - Motor Vehicle ID Number	*	M
	127	2	Reference Identification	This field will contain the carrier code assigned to the carrier by the CBSA, the commercial registration number, or the transport control number, as appropriate	AN2..30		Lf	M
V2			Vessel Information	To provide vessel details The license plate number with province/state of the tractor unit. This number must be that appearing on the tractor's registration or title	ID2	V2	*	M1
	310	1	Location Identifier		ID2	See Code Table #2 - Province/State Codes	*	M
	127	2	Reference Identification		AN1..15	Plate Number	Lf	M
DTM			Date\Time Reference		ID3	DTM	*	M1
	374	1	Date\Time Qualifier		ID3	371 - Estimated Arrival Date	****	M
	1250	5	Date Time Period Format Qualifier		ID2	DT - Date expressed in format CCYYMMDDHHmm	*	M

A9 Highway Conveyance Report (311)

ANSI X12 Segment ID	ANSI X12 Element ID	Element Position on Segment	ANSI X12 Data Element Names	Notes and Descriptions	Data Type And Size	Codes\Values	Default Syntax	Occurrence
	1251	6	Date Time Period	This field contains the date\time in format CCYYMMDDHHmm, where CC is the century, YY is the year, MM is the month, DD is the day, HH is the hour, and mm is the minute	N12	Date\Time in format CCYYMMDDHHmm	Lf	M
Loop ID - N1								M1
N1			Name		ID2	N1	*	M1
	98	1	Entity Identifier Code		ID2	CA - Carrier	*	M
	93	2	Name	The name of the Entity submitting the conveyance report	AN..60	Assigned by the Sender	Lf	M
R4								M1
	115	1	Port of Terminal Function Code		ID1	G - Port of Entry	*	M
	309	2	Location Qualifier		ID2	CD - CBSA Office Code	*	M
	310	3	Location Identifier	This field holds the CBSA Port Code that applies to the Port of Entry.	ID4	See Code Table #4 - CBSA Office Codes	Lf	M
LOOP ID - LX								M1 C998
LX			Assigned Number		ID2	LX	*	M1
	554	1	Assigned Number	This field should start at 1 and increment by 1 for each occurrence of the LX loop	N1..6	Incremental Number	Lf	M
LOOP ID - ED								M1
ED			Equipment Description		ID2	ED	*	M1

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ANSI X12 Segment ID	ANSI X12 Element ID	Element Position on Segment	ANSI X12 Data Element Names	Notes and Descriptions	Data Type And Size	Codes\Values	Default Syntax	Occurrence
	206	1	Equipment Initial	This field will hold the trailer equipment prefix or initial	AN1..4	If no initial available, use province/state code of trailer license plate	*	M
	207	2	Equipment Number	This field will hold the trailer license plate number	AN1..10	Plate number of trailer license plate	*	M
	322	3	Load/Empty Status Code	Code which specifies the loaded condition of transportation equipment	ID1	L - Loaded E - Empty	Lf	M
M7			Seal Numbers	This segment will hold any seal numbers that apply to the trailer, if applicable	ID2	M7	*	C5
	225	1	Seal Number		AN2..15		*	M
	225	2	Seal Number		AN2..15		*	C
	225	3	Seal Number		AN2..15		*	C
	225	4	Seal Number		AN2..15		Lf	C
NA			Cross-reference Equipment	This segment will hold the container equipment number and seal number, if applicable	ID2	NA	*	C1
	128	1	Reference Identification Qualifier	This field must be present if element number two is filled.	ID2	SN - Seal Number	*	M
	127	2	Reference Identification	This field will hold the Seal number for the container, if applicable	AN2..15		*	C
	206	3	Equipment Initial	This field will hold the container equipment prefix or initial	AN1..4		*	M
	207	4	Equipment Number	This field will hold the container equipment number	AN1..10		Lf	M
LOOP ID - L0				Information in this loop is only required if there are manifests associated with the trailer and/or container.				C1

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ANSI X12 Segment ID	ANSI X12 Element ID	Element Position on Segment	ANSI X12 Data Element Names	Notes and Descriptions	Data Type And Size	Codes\Values	Default Syntax	Occurrence
L0			Line Item - Quantity and Weight		ID2	L0	*	M1
	213	1	Lading Line Item Number	This field should always be the number one	N1	1	Lf	M
L5			Description, Marks and Numbers		ID2	L5	*****	M1 C998
	87	6	Marks and Numbers	This field will hold the Cargo Control Number relating to the manifest	AN1..25	Cargo Control Number	*	M
	88	7	Marks and Numbers Qualifier		ID2	SM - Shipper Assigned	Lf	M
SE			Transaction Set Trailer		ID2	SE	*	M1
	96	1	Number of Included Segments	Should identify the total number of segments within the transaction set (ST - SE) including the ST and SE segments	N1..10		*	M
	329	2	Transaction Set Control Number	Must be the same as ST02 (element 329 on segment ST)	AN4..9	Unique reference identifier	Lf	
GE			Functional Group Trailer	To indicate the end of a functional group and to provide control information	ID2	GE	*	M1
	97	1	Number of Transaction Sets Included	Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	N1..6	Integer value indicating the total number of transactions in the group	*	M
	28	2	Group Control Number	Assigned number originating at and maintained by the sender	N1..9	This value should be the same as element 28 on the GS segment	Lf	M

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ANSI X12 Segment ID	ANSI X12 Element ID	Element Position on Segment	ANSI X12 Data Element Names	Notes and Descriptions	Data Type And Size	Codes\Values	Default Syntax	Occurrence
IEA			Interchange Control Trailer	To define the end of an interchange of zero or more functional groups and interchange-related control segments	ID3	IEA	*	M1
	116	1		Number of included functional groups	N1..5	This should be the number of functional groups (GS-GE) contained within the interchange (ISA - IEA)	*	M
	112	2	Interchange Control number	A control number assigned by the sender of the interchange	N9	This value should be the same as element 112 on the ISA segment	Lf	M

Notes:

1. The recommended segment terminator is Lf, which stands for linefeed. The recommended data element separator is an asterisk (*). The recommended composite element separator is a colon (:).
2. It is recommended that Sender's use unique interchange control numbers for each transmission as this improves the ability to track and support transmissions.

Highway Cargo Report A8A (309)

Message Map

The Canada Border Services Agency (CBSA), in association with the U.S. Customs and Border Protection (CPB), has developed the following CSA EDI highway message map as an alternative to the 311 CSA map in the highway mode. This map harmonizes border processes with the U.S., and uses the same terminology and transaction sets as CPB uses in its Automated Commercial Environment (ACE) system.

This X12 Transaction Set contains the format and establishes the data contents of the Customs Manifest Transaction Set (309) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by carriers, terminal operators, port authorities, or service centres to provide Customs with manifest data on cargo arriving in or departing from ocean-going vessels, railroad trains, or other types of conveyances. The transaction set can be also used by carriers to provide terminal operators, port authorities, or service centres with manifest data on cargo arriving at their facilities via the conveyances mentioned above.

This message map defines the data elements and structure associated with submitting an Electronic Data Interchange (EDI) message to supply an EDI highway cargo document to the Canada Border Services Agency (CBSA).

PAGE #	POS. #	SEG ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
	0100	ST	Transaction Set Header	M	1	
	0200	M10	Manifest Identifying Information	M	1	
N/U	0250	VEH	Vehicle Information	O	10	
N/U	0255	M7	Seal Numbers	O	5	
N/U	0260	CII	Conveyance Insurance Information	O	3	
LOOP ID – NM1						999
N/U	0270	NM1	Individual or Organizational Name	O	1	
N/U	0290	DMG	Demographic Information	O	1	
N/U	0300	DMA	Additional Demographic Information	O	1	
N/U	0310	REF	Reference Information	O	10	
N/U	0320	N3	Party Location	O	2	
N/U	0330	N4	Geographic Location	O	1	
LOOP ID – P4						1
	0400	P4	Port Information	M	1	
LOOP ID – LX						1
	0600	LX	Transaction Set Line Number	M	1	
N/U	0700	M13	Manifest Amendment Details	O	1	
	0800	M11	Manifest Bill of Lading Details	O	1	
	0850	N9	Extended Reference Information	O	999	
LOOP ID – N1						20
	1000	N1	Party Identification	O	1	
	1100	N3	Party Location	O	2	
	1200	N4	Geographic Location	O	1	
N/U	1230	DTM	Date/Time Reference	O	1	
N/U	1250	PER	Administrative Communications Contact	O	1	
N/U	1260	X1	Export License	O	1	
LOOP ID – M12						1
	1300	M12	In-bond Identifying Information	O	1	
	1350	R4	Port or Terminal	O	10	
LOOP ID – VID						999
	1500	VID	Conveyance Identification	O	1	
N/U	1570	M7	Seal Numbers	O	1	
LOOP ID – N10						999
	1600	N10	Quantity and Description	O	1	
N/U	1620	VC	Motor Vehicle Control	O	999	
N/U	1630	MAN	Marks and Numbers Information	O	999	
LOOP ID – H1						99
	1650	H1	Hazardous Material	O	1	
N/U	1660	H2	Additional Hazardous Material Description	O	99	
	1665	PER	Administrative Communications Contact	O	1	
	2000	SE	Transaction Set Trailer	M	1	

Highway Cargo Report A8A (309)

Segment ID	Element	Name	Notes	Attributes	Codes	M
ISA		Interchange Control Header	To start and identify an interchange of zero or more functional groups and interchange-related control segments	M ID 3/3	ISA	
	01	(I01) Information Qualifier	Code to identify the type of information in the Authorization Information	M ID 2/2	00 - No Authorization Information Present (No Meaningful Information in I02)	
	02	(I02) Authorization Information	Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M AN 10/10	Space fill	
	03	(I03) Security Information Qualifier	Code to identify the type of information in the Security Information	M ID 2/2	00 - No Security Information Present (No Meaningful Information in I04)	
	04	(I04) Security Information	This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M AN 10/10		
	05	(I05) Interchange ID Qualifier	Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified	M ID 2/2		
	06	(I06) Interchange Sender ID	Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element	M AN 15/15		
	07	(I05) Interchange ID Qualifier	Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified	M ID 2/2	ZZ - Mutually Defined	

Highway Cargo Report A8A (309)

Segment ID	Element	Name	Notes	Attributes	Codes	M
	08	(I07) Interchange Receiver ID	Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them	M AN 15/15		
	09	(I08) Interchange Date	Date of the interchange	M DT 6/6	Still six digits	
	10	(I09) Interchange Time	Time of the interchange	M TM 4/4		
	11	(I10) Interchange Control Standards Identifier	Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer	M ID 1/1	U - U.S. EDI Community of ASC X12, TDCC, and UCS	
	12	(I11) Interchange Control Version Number	This version number covers the interchange control segments	M ID 5/5		
	13	(I12) Interchange Control Number	A control number assigned by the interchange Sender	M N0 9/9		
	14	(I13) Acknowledgment Requested	Code sent by the sender to request an interchange acknowledgment (TA1)	M ID 1/1	0 - No Acknowledgment Requested CBSA does not currently provide this functionality	
	15	(I14) Usage Indicator	Code to indicate whether data enclosed by this interchange envelope is test, production or information	M ID 1/1	T - Test P - Production	
	16	(I15) Component Element Separator	Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M 1/1		
GS		Functional Group Header	To indicate the beginning of a functional group and to provide control information	M 1/1		Y
	01	(479) Functional Identifier Code	Code identifying a group of application related transaction sets	M ID 2/2	AQ	
	02	(142) Application Sender's Code	Code identifying party sending transmission; codes agreed to by trading partners	M AN 2/15	CBSA Carrier Code	

Highway Cargo Report A8A (309)

Segment ID	Element	Name	Notes	Attributes	Codes	M
	03	(124) Application Receiver's Code	Code identifying party receiving transmission. Codes agreed to by trading partners	M AN 2/15	HA8A – Highway Cargo	
	04	(373) Date	Date expressed as CCYYMMDD	M DT 8/8		
	05	(337) Time	Time expressed in 24-hour clock time as follows: HHMM,	M TM 4/8		
	06	(28) Group Control Number	Assigned number originated and maintained by the sender	M N0 1/9		
	07	(455) Responsible Agency Code	Code used in conjunction with Data Element 480 to identify the issuer of the standard	M ID 1/2	X - Accredited Standards Committee X12	
	08	(480) Version / Release / Industry Identifier Code	Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed	M AN 1/12	005040	
ST		Transaction Set Header	To indicate the start of a transaction set and to assign a control number	M 1/1		Y
	01	(143) Transaction Set ID Code	Code uniquely identifying a Transaction Set The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition .	M ID 3/3	309	Y
	02	(329) Transaction Set Control Number	Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9		Y

Highway Cargo Report A8A (309)

Segment ID	Element	Name	Notes	Attributes	Codes	M
	03	(1705) Implementation Convention Reference	The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.	O/Z AN 1/35		
M10		Manifest Identifying Information	To transmit manifest identifying information	M 1/1		Y
	01	(140) Standard Carrier Alpha Code	SCAC Standard Carrier Alpha Code	M ID 2/4		Y
	02	(91) Transportation Method/Type Code	Code specifying the method or type of transportation for the shipment	M ID 1/2	J - Motor	Y
	03	(26) Country Code	This element is mandatory but not used by CBSA. Complete the field to satisfy the syntactical requirement.	O ID 2/3		Y
	04	(597) Vessel Code	P0410 – If either M1004 or M1010 is present, then the other is required	X/Z ID 1/8		
	05	(182) Vessel Name	This element is mandatory but not used by CBSA. Complete the field to satisfy the syntactical requirement. At least one of M1005 or M1004 is required	X AN 2/28		
	06	(55) Flight/Voyage Number		O AN 2/10		
	07	(127) Reference Identification	Used for the six-digit Numeric Manifest Sequence Number.	O/Z AN 1/80		
	08	(380) Quantity		O R 1/15		

Highway Cargo Report A8A (309)

Segment ID	Element	Name	Notes	Attributes	Codes	M
	09	(256) Manifest Type Code	Code identifying the type of manifest transmitted For CBSA, M1009 is a key element, it set to mandatory in the translator. If it is not present, a syntax error will be generated.	O ID 1/1	P - Preliminary Manifest from Carrier to U.S. Customs (Original) Y - Amendment (Change) 3 - Delete	Y
	10	(897) Vessel Code Qualifier		X ID 1/1		
	11	(1073) Yes/No Condition or Response Code	Indicates if the transmission involves an in-bond participant.	O/Z ID 1/1	Y – indicates it does N – indicates it does not	
	12	(127) Reference Identification	. Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier For CBSA, this is a client supplied reference number that is returned in the REF02 of the application acknowledgement message (Transaction Set 824)	O/Z AN 1/80		
	13	(353) Transaction Set Purpose Code		O ID 2/2		
	14	(346) Application Type	Code identifying an application.	O ID 2/2	37 - Highway Import 38 - Highway Export 39 - Highway In-Transit	
	15	(580) Amendment Type Code	If either M1015 or M1016 is present, then the other is required	X ID 1/1		
	16	(393) Amendment Code	If either M1015 or M1016 is present, then the other is required	X ID 2/2		
	17	(256) Manifest Type Code	Type of initial manifest being amended by this transmission.	O/Z ID 1/1		
Loop ID - P4		Port Information	To transmit identifying information for a port. Only one P4 loop is allowed per transaction	M 1/1		Y

Highway Cargo Report A8A (309)

Segment ID	Element	Name	Notes	Attributes	Codes	M
	01	(310) Location Identifier	Code which identifies a specific location Expected first Canadian Port of entry. Use Canada Customs D Memoranda, D-1-1-1	M AN 1/30		Y
	02	(373) Date	Expected date of arrival at P401. Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year.	M/Z DT 8/8		Y
	03	(380) Quantity	.	O/Z R 1/15		
	04	(310) Location Identifier		O/Z AN 1/30		
	05	(337) Time	Estimated time of arrival for P402 and estimated time of arrival at P401 Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	O/Z TM 4/8		
	06	(373) Date		O/Z DT 8/8		
	07	(337) Time		O/Z TM 4/8		
Loop ID – P4/LX			For CBSA, only one P4/LX loop is allowed per transaction	M 1/1		Y
LX		Transaction Set Line Number	To reference a line number in a transaction set.	M 1/1		Y
	01	(554) Assigned Number	Number assigned for differentiation within a transaction set.	M NO 1/6		Y
M11		Manifest Bill of Lading Details	M11 is required for CBSA purposes. To transmit bill of lading detail information for a manifest	O 1/1		Y

Highway Cargo Report A8A (309)

Segment ID	Element	Name	Notes	Attributes	Codes	M
	01	(598) Bill of Lading/Waybill Number	<p>.</p> <p>CBSA Cargo Control Number (CCN). The cargo control number will consist of the four-digit carrier code followed by a unique carrier-assigned number. The cargo control number must not be duplicated for a three-year period.</p> <p>Identifying the Canadian cargo control number, the maximum length shall be 25.</p>	M/Z AN 1/25		
	02	(310) Location Identifier	Code which identifies the port of lading. This element is mandatory but not used by CBSA. Complete the field to satisfy the syntactical requirement.	M/Z AN 1/30		Y
	03	(380) Quantity	P0304 - If either M1103 or M1104 is present, then the other is required.	X/Z R 1/15		
	04	(599) Manifest Unit Code		X/Z ID 1/3		
	05	(81) Weight	P0506 - If either M1105 or M1106 is present, then the other is required.	X R 1/10		
	06	(188) Weight Unit Code		X ID 1/1	E – metric ton K – kilograms L – pounds	
	07	(183) Volume	P0708 - If either M1107 or M1108 is present, then the other is required.	X R 1/8		
	08	(184) Volume Unit Qualifier		X ID 1/1		
	09	(582) Bill of Lading Type Code		O ID 2/2		
	10	(600) Place of Receipt by Pre-carrier		X AN 1/25		
	11	(598) Bill of Lading/Waybill Number	P1113 - If either M1111 or M1113 is present, then the other is required.	X/Z AN 1/25		

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Segment ID	Element	Name	Notes	Attributes	Codes	M
	12	(140) Standard Carrier Alpha Code	This element is mandatory but not used by CBSA. Complete the field to satisfy the syntactical requirement.	M/Z ID 2/4		Y
	13	(140) Standard Carrier Alpha Code	.	X/Z ID 2/4		
	14	(140) Standard Carrier Alpha Code		X/Z ID 2/4		
	15	(140) Standard Carrier Alpha Code	C1514 - If M1115 is present, then M1114 is required.	X/Z ID 2/4		
	16	(1302) Shipper's Export Declaration Requirements		O AN 1/2		
	17	(1578) Export Exception Code		O ID 2/2		
	18	(140) Standard Carrier Alpha Code	Standard Carrier Alpha Code (SCAC) of an additional second notify carrier. For CBSA, the SCAC is the carrier code C1815 - If M1118 is present, then M1115 is required.	X/Z ID 2/4		
	19	(140) Standard Carrier Alpha Code	Standard Carrier Alpha Code (SCAC) of an additional second notify carrier. C1918 - If M1119 is present, then M1118 is required.	O/Z ID 2/4		
	20	(310) Location Identifier	Last place/port prior to lading	O/Z AN 1/30		
	21	(310) Location Identifier		O/Z AN 1/30		
	22	(91) Transportation Method/Type Code		O ID 1/2		
	23	(591) Payment Method Code		O/Z ID 3/3		
	24	(1271) Industry Code		O/Z AN 1/30		
	25	(309) Location Qualifier		M/Z ID 1/2		
	26	(284) Service Level Code		O ID 2/2		
	27	(373) Date		O/Z DT 8/8		
	28	(1073) Yes/No Condition or Response Code		O/Z ID 1/1		

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Segment ID	Element	Name	Notes	Attributes	Codes	M
N9		Extended Reference Information	To transmit identifying information as specified by the Reference Identification Qualifier For CBSA, it is required to declare the goods as non-CSA, CSA or A49 Automotive.	O 1/999		Y
	01	(128) Reference Identification Qualifier	Code qualifying the Reference Identification	M ID 2/3	MR – Merchandise Type Code	Y
	02	(127) Reference Identification	Required by CBSA R0203 – At least one of N902 or N903 is required.	X AN 1/80	00 – Non CSA goods 01 – CSA goods 02 – A49 Automotive Goods	Y
	03	(369) Free-form Description		X AN 1/45		
	04	(373) Date		O DT 8/8		
	05	(337) Time		X TM 4/8		
	06	(623) Time Code	C0605 – If N906 is present, then N905 is required. N906 reflects the time zone, which the time reflects.	O/Z ID 2/2		
	07	(C040) Reference Identifier	Contains data relating to the value cited in N902.	O/Z		
Loop ID – P4/LX/N1			A - The N1 loop is used to identify the following parties: Required – 1. Shipper (SH) 2. Consignee (CN) Optional – 3. Notify Party (NP) B - For goods qualifying under the CSA program (see N9 segment, N901 is MR and N902 is 01 or 02): 1. The consignee must be a CSA approved importer. 2. The importer's CBSA business number (BN) must be provided in N104 when N101 is CN.	O 2/20		

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Segment ID	Element	Name	Notes	Attributes	Codes	M
N1		Party Identification	To identify a party by type of organization, name, and code	O 1/1		
	01	(98) Entity Identifier Code	Code identifying an organizational entity, a physical location, property or an individual	M ID 2/3	SH – shipper (M) CN – consignee (M) NP - Notify Party (O)	Y
	02	(93) Name	Free-form name Required by CBSA R0203 - At least one of N102 or N103 is required.	X AN 1/60		
	03	(66) Identification Code Qualifier	Canada Border services Agency (CBSA) Business Number P0304 - If either N103 or N104 is present, then the other is required.	X ID 1/2	BN	
	04	(67) Identification Code	Code identifying a party or other code. CBSA business number (BN) when N101 is CN. Format of a BN is 999999999RM9999.	X AN 2/80		
	05	(706) Entity Relationship Code		O ID 2/2		
	06	(98) Entity Identifier Code		O ID 2/2		
N3		Party Location	To specify the location of the named party CBSA only accepts one N3 segment per N1 loop. The second occurrence of an N3 segment is ignored. One N3 is required.	O 1/2		
	01	(166) Address Information	Address Information	M AN 1/35		
	02	(166) Address Information	Address Information	O AN 1/35		
N4		Geographic Location	To specify the geographic place of the named party. Required for CBSA purposes.	M 1/1		Y

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Segment ID	Element	Name	Notes	Attributes	Codes	M
	01	(19) City Name	Free-form text for city name Required by CBSA. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.	O AN 2/30		
	03	(116) Postal Code	Postal code or zip code	O ID 3/9		
	04	(26) Country Code	Code identifying the country See code table # 3: country code list Required by CBSA	X ID 2/2		
	05	(309) Location Qualifier		X ID 1/2		
	06	(310) Location Identifier	C0605 - If N406 is present, then N405 is required.	O AN 1/30		
	07	(1715) Country Subdivision Code	Code identifying the country subdivision – province or state code Subdivision codes when N404 is CA or US. C0704 - If N407 is present, then N404 is required.	X ID 1/3		
Loop ID – P4/LX/M12				M 1/1		Y
M12		In-bond Identifying Information	To transmit in-bond information The M12 segment is not used by CBSA. It is used as a trigger segment to allow the use of the R4 segment.	O 1/1		
	01	(581) Customs Entry Type Code	Code defining the type of entry assigned by U.S. Customs	M ID 2/2	61 - Immediate transportation	Y
	02	(601) Customs Entry Number	E0206 - Only one of M1202 or M1206 may be present	X AN 1/15		
	03	(310) Location Identifier		O/Z AN 1/30		

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Segment ID	Element	Name	Notes	Attributes	Codes	M
	04	(310) Location Identifier		O/Z AN 1/30		
	05	(602) Customs Shipment Value		O AN 2/8		
	06	(603) In-bond Control Number	C0608 - If M1206 is present, then M1208 is required	X AN 1/25		
	07	(140) Standard Alpha Carrier Code		O/Z ID 2/4		
	08	(128) Reference Identification Qualifier	P0809 - If either M1208 or M1209 is present, then the other is required	X ID 2/3		
	09	(127) Reference Identification		X AN 1/80		
	10	(91) Transportation Method/Type Code	P1011 - If either M1210 or M1211 is present, then the other is required	X ID 1/2		
	11	(182) Vessel Name		X AN 2/28		
	12	(1073) Yes/No Condition or Response Code		O/Z ID 1/1		
	13	(373) Date		O/Z DT 8/8		
	14	(310) Location Identifier		O/Z AN 1/30		
R4		Port or Terminal	<p>Contractual or operational port or point relevant to the movement of the cargo.</p> <p>R4 is required for each port to be identified.</p> <p>The R4 segment is used to identify the following points relevant to the movement of the cargo:</p> <p>Required:</p> <ol style="list-style-type: none"> 1. City and country of loading (J) 2. Customs Office of Manifest Origin (3) 3. Customs Office of Manifest Destination (4) <p>Conditional:</p> <ol style="list-style-type: none"> 4. Transshipment Port (T) <p>If Bill of Lading Port of Loading (J) is not US then at least one transshipment port is required. May have up to 5 transshipment ports</p>	O 3/10		Y

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Segment ID	Element	Name	Notes	Attributes	Codes	M
	01	(115) Port or Terminal Function Code	Code defining function performed at the port or terminal with respect to a shipment. For CBSA, code T will refer to the country codes input into R405. Code J will refer to the city of loading input into R403 and the country of loading input into R405.	M ID 1/1	J – Bill of Lading Port of Loading (Contractual) T – Transshipment Port (Contractual) 3 – Customs Office of Manifest Origin 4 – Customs Office of Manifest Destination	Y
	02	(309) Location Qualifier	Code identifying type of location P0203 – If either R402 or R403 is present, then the other is required	X ID 1/2	CD – Canada Customs Office Code (Only use when R401 is 3 or 4 to qualify the value in R403) SC – City/State and Points Within (Only use when R401 is J to qualify the value in R403)	
	03	(310) Location Identifier	Code which identifies a specific location Use 4-digit CBSA office code when R401 is 3 or 4. The source is Canada Customs D Memoranda, D1-1-1 List of Customs Offices Free-text city of loading name when R401 is J	X AN 1/30		
	04	(114) Port Name		O AN 2/24		
	05	(26) Country Code	Code identifying the country Use when R401 is J or T Source – Codes for Representation of Names of Countries, ISO 3166- (Latest Release)	O ID 2/3		
	06	(174) Terminal Name	Free-form field for terminal name Required when R401 is 4. Use to indicate CBSA sub-location code. Source – Canada Customs D Memoranda, D1-1-1 List of Customs Offices	O AN 2/30		
	07	(113) Pier Number		O AN 1/4		
	08	(156) State or Province Code		O ID 2/2		

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Segment ID	Element	Name	Notes	Attributes	Codes	M
Loop ID – P4/LX/VID			The VID segment is not currently used by CBSA. It is used as a trigger segment to allow the use of the N10 loop. Use only one VID loop per transaction	O 1/999		
VID		Conveyance Identification	To identify a conveyance and its attributes.	O 1/1		
	01	(40) Equipment Description Code	Code identifying type of equipment used for shipment Used to meet mandatory element requirement.	M ID 2/2	NC - No Equipment	Y
	02	(206) Equipment Initial		O AN 1/4		
	03	(207) Equipment Number	Use “No Number” to meet the mandatory element requirement.	M AN 1/15		Y
	04	(225) Seal Number		O AN 2/15		
	05	(225) Seal Number		O AN 2/15		
	06	(567) Equipment Length		O NO 4/5		
	07	(65) Height		O R 1/8		
	08	(189) Width		O R 1/8		
	09	(24) Equipment Type		I ID 4/4		
	10	(322) Load/Empty Status Code		O ID 1/1		
	11	(56) Type of Service Code		O ID 2/2		
	12	(310) Location Identifier		O/Z AN 1/30		
	13	(140) Standard Carrier Alpha Code	Standard Carrier Alpha Code (SCAC)	O/Z ID 2/4		
	14	(127) Reference Identification	VID14 is the license plate of the equipment P1415 - If either VID14 or VID15 is present, then the other is required.	O/Z AN 1/80		
	15	(156) State or Province Code	VID15 is the state or province of the license in the VID14.	X/Z ID 2/2		

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Segment ID	Element	Name	Notes	Attributes	Codes	M
	16	(26) Country Code	C1615 - If VID16 is present, then VID15 is required. VID16 is the country of the license in the VID15	X/Z ID 2/3		
	17	(127) Reference Identification	Reference Identification	O/Z AN 1/80		
	18	(1715)	Country Subdivision Code	X/Z ID 1/3		
Loop ID – P4/LX/VID/N10				1/999		
N10		Quantity and Description	To indicate line item quantity, description, marks and numbers, commodity code, weight, and customs value	O 1/1		
	01	(380) Quantity	Numeric value of quantity. A non-zero value indicates a new commodity line.	O R 1/15		
	02	(369) Free-form Description	Free-form descriptive text. Required by CBSA.	O AN 1/45		
	03	(87) Marks and Numbers		O AN 1/48		
	04	(23) Commodity Code Qualifier	P0405 - If either N1004 or N1005 is present, then the other is required.	X ID 1/1		
	05	(22) Commodity Code		X AN 1/30		
	06	(602) Customs Shipment Value	P0613 - If either N1006 or N1013 is present, then the other is required.	X/Z AN 2/8		
	07	(188) Weight Unit Code	Code specifying the weight unit. Required for a new commodity. Always use gross weight. P0708 - If either N1007 or N1008 is present, then the other is required.	X ID 1/1	K – Kilograms L - Pounds	
	08	(81) Weight	Numeric value of weight Required for a new commodity. Always use gross weight.	X R 1/10		
	09	(127) Reference Identification		O AN 1/80		

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Segment ID	Element	Name	Notes	Attributes	Codes	M
	10	(599) Manifest Unit Code	Code defining the smallest package unit for the bill of lading. Required for a new commodity.	O ID 1/3		
	11	(26) Country Code		O/Z ID 2/3		
	12	(26) Country Code		X/Z ID 2/3		
	13	(100) Currency Code		X/Z ID 3/3		
Loop ID – P4/LX/VID/N10/H1				O 1/99		
H1		Hazardous Material	To specify information relative to hazardous material Segment is required when the shipment contains hazardous material.	O 1/1		
	01	(62) Hazardous Material Code	Code relating to hazardous material code qualifier for regulated hazardous materials. United Nations Number (Dangerous Goods). For CBSA, the format is “UN9999”.	M AN 4/10		
	02	(209) Hazardous Material Class Code		O AN 1/4		
	03	(208) Hazardous Material Code Qualifier		O ID 1/1		
	04	(64) Hazardous Material Description	Material name, special instructions, and phone number if any.	O AN 2/30		
	05	(63) Hazardous Material Contact		O AN 1/24		
	06	(200) Hazardous Materials Page		O ID 1/6		
	07	(77) Flashpoint Temperature		X N 1/3		
	08	(355) Unit or Basis For Measurement Code		X ID 2/2		
	09	(254) Packing Group Code		O ID 1/3		

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Segment ID	Element	Name	Notes	Attributes	Codes	M
PER		Administrative Communications Contact	To identify a person or office to whom administrative communications should be directed. Required by CBSA if H1 is transmitted. Report the telephone number of a contact person with knowledge of the hazardous material.	O 1/1		
	01	(366) Contact Function Name	Send 'IC'. Required by CBSA	M ID 2/2		
	02	(93) Name	Information Contact. Required by CBSA	O AN 1/60		
	03	(365) Communication Number Qualifier	Send 'TE'. Required by CBSA	X ID 2/2		
	04	(364) Communication Number	Telephone Number. Required by CBSA	X AN 1/256		
SE		Transaction Set Trailer	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments). SE is the last segment of each transaction set.	M 1/1		Y
	01	(96) Number of Included Segments	Total number of segments included in a transaction set including ST and SE segments.	M NO 1/10		
	02	(329) Transaction Set Control Number	Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set.	M AN 4/9		
GE		Functional Group Trailer	To indicate the end of a functional group and to provide control information	ID2		Y
	01	(97) Number of transaction sets included	Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M N 1/6		

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Segment ID	Element	Name	Notes	Attributes	Codes	M
	02	(28) Group Control Number	Assigned number originating at and maintained by the sender. Should be same value as element 28 in GS segment.	M N 1/9		
IEA		Interchange Control Trailer	To define the end of an interchange of zero or more functional groups and interchange-related control segments.	ID3		Y
	01	(116)	Number of included functional groups This should be the number of functional groups (GS-GE) contained within the interchange (ISA-IEA)	M N 1/5		
	02	(112) Interchange Control number	A control number assigned by the sender of the interchange	M N 9		

**Highway Conveyance Report A9
(358)
Message Map**

Highway Conveyance Report A9 (358)

The Canada Border Services Agency (CBSA), in association with the U.S. Customs and Border Protection (CPB), has developed the following CSA EDI highway message map as an alternative to the 311 CSA map in the highway mode. This map harmonizes border processes with the U.S., and uses the same terminology and transaction sets as CPB uses in its Automated Commercial Environment (ACE) system.

This X12 Transaction Set contains the format and establishes the data contents of the Customs Consist Information Transaction Set (358) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by transportation carriers, terminal operators, port authorities and service centers to provide a list of bills of lading to be carried on a specific conveyance and trip number for which an electronic manifest has been previously filed.

This message map defines the data elements and structure associated with submitting an Electronic Data Interchange (EDI) message to supply an EDI highway conveyance document to Canada Border Services Agency.

Table 1

POS. #	SEG ID	NAME	REQ. DES.	MAX USE	LOOP REPEAT
	0100	ST	Transaction Set Header	M	1
	0200	M10	Manifest Identifying Information	M	1
	0205	VEH	Vehicle Information	O	10
N/U	0207	M7	Seal Numbers	O	5
N/U	0210	CH	Conveyance Insurance Information	O	3
LOOP ID – NM1					999
N/U	0215	NM1	Individual or Organizational Name	O	1
N/U	0225	DMG	Demographic Information	O	1
N/U	0230	DMA	Additional Demographic Information	O	1
N/U	0235	REF	Reference Information	O	10
N/U	0240	N3	Party Location	O	2
N/U	0245	N4	Geographic Location	O	1
LOOP ID – P4					1
	0300	P4	Port Information	M	1
LOOP ID – VID					9999
	0370	VID	Conveyance Identification	O	1
	0375	M7	Seal Numbers	O	1
	0380	N9	Extended Reference Information	O	30
LOOP ID – MBL					9999
	0400	MBL	Bill of Lading	O	1
N/U	0430	M13	Manifest Amendment Details	O	1
N/U	0440	X1	Export License	O	1

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0500	SE	Transaction Set Trailer	M	1
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Segment ID	Element	Name	Notes	Attributes	Codes	M
ISA		Interchange Control Header	To start and identify an interchange of zero or more functional groups and interchange-related control segments	M ID 3/3	ISA	
	01	(I01) Information Qualifier	Code to identify the type of information in the Authorization Information	M ID 2/2	00 - No Authorization Information Present (No Meaningful Information in I02)	
	02	(I02) Authorization Information	Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M AN 10/10	Space fill	
	03	(I03) Security Information Qualifier	Code to identify the type of information in the Security Information	M ID 2/2	00 - No Security Information Present (No Meaningful Information in I04)	
	04	(I04) Security Information	This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M AN 10/10		
	05	(I05) Interchange ID Qualifier	Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified	M ID 2/2		
	06	(I06) Interchange Sender ID	Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element	M AN 15/15		

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Segment ID	Element	Name	Notes	Attributes	Codes	M
	07	(I05) Interchange ID Qualifier	Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified	M ID 2/2	ZZ - Mutually Defined	
	08	(I07) Interchange Receiver ID	Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them	M AN 15/15		
	09	(I08) Interchange Date	Date of the interchange	M DT 6/6	Still six digits	
	10	(I09) Interchange Time	Time of the interchange	M TM 4/4		
	11	(I10) Interchange Control Standards Identifier	Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer	M ID 1/1	U - U.S. EDI Community of ASC X12, TDCC, and UCS	
	12	(I11) Interchange Control Version Number	This version number covers the interchange control segments	M ID 5/5		
	13	(I12) Interchange Control Number	A control number assigned by the interchange Sender	M N0 9/9		
	14	(I13) Acknowledgment Requested	Code sent by the sender to request an interchange acknowledgment (TA1)	M ID 1/1	0 - No Acknowledgment Requested CBSA does not currently provide this functionality	
	15	(I14) Usage Indicator	Code to indicate whether data enclosed by this interchange envelope is test, production or information	M ID 1/1	T - Test P - Production	

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Segment ID	Element	Name	Notes	Attributes	Codes	M
	16	(115) Component Element Separator	Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M 1/1		
GS		Functional Group Header	To indicate the beginning of a functional group and to provide control information	M 1/1		Y
	01	(479) Functional Identifier Code	Code identifying a group of application related transaction sets	M ID 2/2	BD	
	02	(142) Application Sender's Code	Code identifying party sending transmission; codes agreed to by trading partners	M AN 2/15	CBSA Carrier Code	
	03	(124) Application Receiver's Code	Code identifying party receiving transmission. Codes agreed to by trading partners	M AN 2/15	A9 – Highway Conveyance	
	04	(373) Date	Date expressed as CCYYMMDD	M DT 8/8		
	05	(337) Time	Time expressed in 24-hour clock time as follows: HHMM,	M TM 4/8		
	06	(28) Group Control Number	Assigned number originated and maintained by the sender	M N0 1/9		
	07	(455) Responsible Agency Code	Code used in conjunction with Data Element 480 to identify the issuer of the standard	M ID 1/2	X - Accredited Standards Committee X12	

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Segment ID	Element	Name	Notes	Attributes	Codes	M
	08	(480) Version / Release / Industry Identifier Code	Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed	M AN 1/12	005040	
ST		Transaction Set Header	To indicate the start of a transaction set and to assign a control number For CBSA , M1005 and M1009 are key elements; they are set to mandatory in the translator. If they are not present a syntax error will be generated	M 1/1		Y
	01	(143) Transaction Set Identifier Code	Code uniquely identifying a Transaction Set The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).	M ID 3/3	358	Y
	02	(329) Transaction Set Control Number	Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9		Y

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Segment ID	Element	Name	Notes	Attributes	Codes	M
	03	(1705) Implementation Convention Reference	The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.	O/Z AN 1/35		
M10		Manifest Identifying Information	To transmit manifest identifying information	M 1/1		Y
	01	(140) Standard Carrier Alpha Code	SCAC Standard Carrier Alpha Code	M ID 2/4		Y
	02	(91) Transportation Method/Type Code	Code specifying the method or type of transportation for the shipment	M ID 1/2	J- Motor	Y
	03	(26) Country Code	Code identifying the country in which the ship (vessel) is registered Country of origin of conveyance identified in M1005. See Code Table #3 – Country Codes	O ID 2/3		Y
	04	(597) Vessel Code	P0110- If either M1004 or M1010 is present, then the other is required Lloyd's Vessel Code	X/Z ID 1/8		

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Segment ID	Element	Name	Notes	Attributes	Codes	M
	05	(182) Vessel Name	Name of ship as documented in "Lloyd's Register of Ships" R0504- At least one of M1005 or M1004 is required Required by CBSA. Conveyance reference number – To identify a journey of a means of transport, for example voyage number, flight number, trip number. A CBSA conveyance reference number: i) Will consist of the four-digit CBSA carrier code followed by a unique carrier-assigned number; Must not exceed a maximum of 25 characters; iii) Must not be duplicated for a three-year period. For CBSA, M1005 and M1009 are key elements; they are set to mandatory in the translator. If they are not present a syntax error will be generated	X AN 2/25		Y
	06	(55) Flight/Voyage Number		O AN 2/10		
	07	(127) Reference Identification	Used for the six-digit Numeric Manifest Sequence Number. M1007 is the type of initial manifest being amended by transmission	O/Z AN 1/80		
	08	(380) Quantity		O R 1/15		

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Segment ID	Element	Name	Notes	Attributes	Codes	M
	09	(256) Manifest Type Code	Code identifying the type of manifest transmitted Required by CBSA For CBSA, M1005 and M1009 are key elements; they are set to mandatory in the translator. If they are not present a syntax error will be generated	O ID 1/1	S - Original Consist Manifest from Carrier to Customs Y - Amendment (Change) 3 - Delete	Y
	10	(897) Vessel Code Qualifier		X ID 1/1		
	11	(1073) Yes/No Condition or Response Code		O/Z ID 1/1		
	12	(127) Reference Identification	M1012 Is a unique identification number for the manifest assigned by the originator of the manifest with a maximum length of 15. Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier For CBSA, this is a client supplied reference number that is returned in the REF02 of the application acknowledgement message (Transaction Set 824)	O/Z AN 1/80		
	13	(353) Transaction Set Purpose Code		O ID 2/2		
	14	(346) Application Type	Code identifying an application. For future use.	O ID 2/2		
	15	(580) Amendment Type Code		X ID 1/1		
	16	(393) Amendment Code		X ID 2/2		

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Segment ID	Element	Name	Notes	Attributes	Codes	M
	17	(256) Manifest Type Code	Type of initial manifest being amended by this transmission.	O/Z ID 1/1		
VEH		Vehicle Identification	To provide descriptions that identify a specific vehicle For CBSA purposes, only one VEH segment is used for the tractor licence plate number and province/state code.	O 1/10		
	01	(554) Assigned Number		O NO 1/6		
	02	(539) Vehicle Identification Number		X AN 1/30		
	03	(1095) Year		O NO 4/4		
	04	(559) Agency Qualifier Code	L040507 - If VEH04 is present, then at least one of VEH05 or VEH07 is required. VEH04 applies to VEH05, VEH06, and VEH07.	X/Y ID 2/2		
	05	(127) Reference Identification	C0504 - If VEH05 is present, then VEH04 is required. VEH05 is the vehicle make.	X/Y AN 1/80		
	06	(127) Reference Identification	C060405 - If VEH06 is present, then VEH04 and VEH05 are required. VEH06 is the vehicle model.	O/Z AN 1/80		
	07	(127) Reference Identification	C0704 - If VEH07 is present, then VEH04 is required. VEH07 is the vehicle style.	X/Y AN 1/80		
	08	(82) Length	VEH08 is the length of a vehicle measured in feet.	O/Z R 1/8		

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Segment ID	Element	Name	Notes	Attributes	Codes	M
	09	(127) Reference Identification	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier The expected tractor plate number. Required by CBSA. VEH09 is the vehicle reference number.	O/Z AN 1/80		
	10	(156) State or Province Code	E1026 – Only one of VEH10 or VEH26 may be present. C1017 – If VEH10 is present, then VEH17 is required. VEH10 is the vehicle registration state or province.	X/Z ID 2/2		
	11	(310) Location Identifier	VEH11 is used to identify a territory as defined by trading partners.	O/Z AN 1/30		
	12	(1073) Yes/No Condition or Response Code	VEH12 is the used car indicator. A "Y" indicates the vehicle is a used vehicle; an "N" indicates the vehicle is a new vehicle. A value of "U" indicating 'unknown' cannot be used.	O/Z ID 1/1		
	13	(610) Amount	VEH13 is the original cost of the vehicle when it was new (i.e., OCN - original cost new).	O/Z N2 1/15		

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Segment ID	Element	Name	Notes	Attributes	Codes	M
	14	(1073) Yes/No Condition or Response Code	VEH14 is the vehicle-altered indicator. A "Y" indicates the vehicle was altered; an "N" indicates the vehicle was not altered. A value of "U" indicating 'unknown' cannot be used.	O/Z ID 1/1		
	15	(610) Amount	VEH15 is the value of alterations for a vehicle.	O/Z N2 1/15		
	16	(306) Action Code		O ID 1/2		
	17	(26) Country Code	Code identifying the country Country Code for VEH09 VEH17 is the Country of the State in VEH10.	X/Z ID 2/3	CA Canada MX Mexico (not currently available for CBSA) US United States	
	18	(93) Name	P1819 - If either VEH18 or VEH19 is present, then the other is required. VEH18 is the Name of the Vehicle Owner.	X/Z AN 1/60		
	19	(26) Country Code	VEH19 is the Residence Country of the Vehicle Owner in VEH18.	X/Z ID 2/3		
	20	(40) Equipment Description Code	L200221 - If VEH20 is present, then at least one of VEH02 or VEH21 is required.	O ID 2/2		
	21	(127) Reference Identification	P2122 - If either VEH21 or VEH22 is present, then the other is required. VEH21 is the ACE (Automated Commercial Environment) ID assigned by US Customs and Border Protection.	X AN 1/80		

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Segment ID	Element	Name	Notes	Attributes	Codes	M
	22	(128) Reference Identification Qualifier		X ID 2/3		
	23	(322) Load/Empty Status Code		O ID 1/1		
	24	(127) Reference Identification	VEH24 is the transponder number of the vehicle.	O/Z AN 1/80		
	25	(127) Reference Identification	VEH25 is the Department of Transport (DOT) number of the vehicle.	O/Z AN 1/80		
	26	(1715) Country Subdivision Code	Code identifying the country subdivision Province/State for VEH09. Use ISO 3166-2 Subdivision codes for Canada and the United States. Required by CBSA. See Code Table #2 – Province/State Codes C2617 - If VEH26 is present, then VEH17 is required.	X ID 1/3		
P4		Port Information	To transmit identifying information for a port. For CBSA, only one P4 loop is allowed per transaction.	M 1/1		Y
	01	(310) Location Identifier	P401 is used for customs district and port code (census schedule D). Code which identifies a specific location Expected first Canadian Port of entry.	M AN 1/30	See Code Table #4 – CBSA Office Codes	Y

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Segment ID	Element	Name	Notes	Attributes	Codes	M
	02	(373) Date	Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year. Expected date of arrival at P401. P402 is the estimated date of arrival.	M/Z DT 8/8		Y
	03	(380) Quantity		O/Z R 1/15		
	04	(310) Location Identifier		O/Z AN 1/30		
	05	(337) Time	Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) Expected time of arrival at P401. Required for CBSA purposes. P405 is the estimated time of arrival for P402.	O/Z TM 4/8		
	06	(373) Date	P406 is the date conveyance departed prior port.	O/Z DT 8/8		
	07	(337) Time	P407 is the time conveyance departed prior port.	O/Z TM 4/8		
Loop ID – P4/VID				1/9999		Y

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Segment ID	Element	Name	Notes	Attributes	Codes	M
VID		Conveyance Identification	<p>To identify a conveyance and its attributes.</p> <p>A - CBSA's current system requires a tractor with a trailer. If the conveyance is a straight truck with no trailer:</p> <p>i) use the code TL in the VID01</p> <p>ii) repeat the tractor licence plate number from the VEH09 in the VID14</p> <p>iii) repeat the tractor licence plate country code from the VEH17 in the VID16</p> <p>repeat the tractor plate province/state from the VEH26 in the VID18</p> <p>B - List equipment as follows: Trailer, then any containers on the trailer. Repeat for each trailer</p>	O 1/1		
	01	(40) Equipment Description Code	<p>Code identifying type of equipment used for shipment</p> <p>Order segments so the trailer comes first followed by the containers (if any) on that trailer (chassis).</p>	M ID 2/2	TL -Trailer CN - Container	Y
	02	(206) Equipment Initial	<p>Prefix or alphabetic part of an equipment unit's identifying number</p> <p>Container Initial is required when VID01 is CN</p>	O AN 1/4		

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Segment ID	Element	Name	Notes	Attributes	Codes	M
	03	(207) Equipment Number	Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) Container Number when VID01 is CN. When VID01 is TL, fill with a value to meet mandatory element requirement.	M AN 1/15		Y
	04	(225) Seal Number		O AN 2/15		
	05	(225) Seal Number		O AN 2/15		
	06	(567) Equipment Length		O NO 4/5		
	07	(65) Height		O R 1/8		
	08	(189) Width		O R 1/8		
	09	(24) Equipment Type		I ID 4/4		
	10	(322) Load/Empty Status Code		O ID 1/1		
	11	(56) Type of Service Code		O ID 2/2		
	12	(310) Location Identifier		O/Z AN 1/30		
	13	(140) Standard Carrier Alpha Code		O/Z ID 2/4		
	14	(127) Reference Identification	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Trailer Licence Plate Number when VID01 is TL. Required by CBSA. L141518 - If VID14 is present, then at least one of VID15 or VID18 is required. VID14 is the license plate of the equipment.	O/Z AN 1/80		

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Segment ID	Element	Name	Notes	Attributes	Codes	M
	15	(156) State or Province Code	<p>E1518 – Only one of VID15 or VID18 may be present.</p> <p>C1516 – If VID15 is present, then VID16 is required.</p> <p>VID15 is the state or province of the license in the VID14.</p>	X/Z ID 2/2		
	16	(26) Country Code	<p>Code identifying the country</p> <p>Trailer Licence Plate Country Code when VID01 is TL.</p> <p>L161518 – If VID16 is present, the at least one of VID15 or VID18 is required.</p> <p>VID16 is the country of the license in the VID15.</p>	X/Z ID 2/3	<p>CA – Canada</p> <p>MX – Mexico (not currently available for CBSA)</p> <p>US – United States</p>	
	17	(127) Reference Identification		O/Z AN 1/80		

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Segment ID	Element	Name	Notes	Attributes	Codes	M
	18	(1715) Reference Identification	Code identifying the country subdivision Trailer Licence Plate Province/State Code when VID01 is TL. Required by CBSA. Use ISO 3166-2 Subdivision codes for Canada and the United States. See Code Table #2 – Province/State Codes C1816 – If VID18 is present, then VID16 is required. VID18 is the country subdivision of the license plate in the VID14	X/Z ID 1/3		
M7		Seal Numbers	To record seal numbers used and the organization that applied the seals	O 1/5		
	01	(225) Seal Number	Unique number on seal used to close a shipment	M AN 2/15		Y
	02	(225) Seal Number	Unique number on seal used to close a shipment	O AN 2/15		
	03	(225) Seal Number	Unique number on seal used to close a shipment	O AN 2/15		
	04	(225) Seal Number	Unique number on seal used to close a shipment	O AN 2/15		
	05	(98) Entity Identifier Code	M705 indicates the name of the organization which applied the seal(s).	O ID 2/2		
Loop ID – VID/MBL			At least one MBL is required for every VID loop. Currently, CBSA cannot accept an empty truck, trailer or container Repeat: 9999	1/9999		Y

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Segment ID	Element	Name	Notes	Attributes	Codes	M
MBL		Bill of Lading	To specify a bill of lading number and associated information	1/9999		Y
	01	(140) Standard Carrier Alpha Code	Standard Carrier Alpha Code Needed to meet mandatory element requirement	M ID 2/4		Y
	02	(598) Bill of Lading/Waybill Number	Identification number assigned to the shipment by the carrier or consolidator Related CCN from transaction set 309	M AN 1/25		Y
	03	(306) Action Code		O ID 1/2		
	04	(1073) Yes/No Condition or Response Code		O/Z ID 1/1		
	05	(56) Type of Service Code		O ID 2/2		
	06	(80) Lading Quantity		O/Z NO 1/7		
	07	(140) Standard Carrier Alpha Code		O/Z ID 2/4		
	08	(598) Bill of Lading/Waybill Number		O/Z AN 1/25		
ST		SE - Transaction Set Trailer	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments). SE is the last segment of each transaction set.	M 1/1		Y
	01	(96) Number of Included Segments	Total number of segments included in a transaction set including ST and SE segments.	M NO 1/10		

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Segment ID	Element	Name	Notes	Attributes	Codes	M
	02	(329) Transaction Set Control Number	Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set.	M AN 4/9		
GE		Functional Group Trailer	To indicate the end of a functional group and to provide control information	ID2		Y
	01	(97) Number of transaction sets included	Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M N 1/6		
	02	(28) Group Control Number	Assigned number originating at and maintained by the sender. Should be same value as element 28 in GS segment.	M N 1/9		
IEA		Interchange Control Trailer	To define the end of an interchange of zero or more functional groups and interchange-related control segments.	ID3		Y
	01	(116)	Number of included functional groups This should be the number of functional groups (GS-GE) contained within the interchange (ISA-IEA)	M N 1/5		
	02	(112) Interchange Control number	A control number assigned by the sender of the interchange	M N 9		

Owner Operator & Terminal/Warehouse Trade Chain Partner (TCP) Updates

Message Map

CANADA BORDER SERVICES AGENCY

CUSTOMS SELF ASSESSMENT (CSA) PROJECT

Owner/Operator Trade Chain Partner (TCP) Update

ASC X12 v4010, 105 TRANSACTION SET MESSAGE MAP

VERSION 1.8 - October 2000
Updated April 2005

Owner Operator & Terminal/Warehouse Trade Chain Partner (TCP) Updates

INTRODUCTION

This message map defines the data elements and structure associated with submitting an Electronic Data Interchange (EDI) message to supply a Owner or Operator trade chain partner update to Canada Border Services Agency. This message will be used in conjunction with the Customs Self Assessment (CSA) Project.

This TCP update message has been designed using version 4010 of the American Standards Committee (ASC) X12 Standards as controlled by the American National Standards Institute (ANSI).

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.

ASC X12 Segment ID.

Every ASC X12 segment (a group of associated data elements) is assigned a unique 2 or 3 alphanumeric "Tag" for reference purposes. The tags are defined within the X12 data element directories. It should be noted that the "tag" is transmitted within the EDI messages in the order that they are defined.

ASC Element Id.

This column of the map identifies the numeric identifier of each of the ASC X12 data elements. There are three (3) types of elements defined. Descriptions of each are provided below. It should be noted that the Element IDs are not transmitted within the message, only the value of the data element is transmitted in the appropriate position within the segment.

Composite Data

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

Component Data

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

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 unique numbers.

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Segment/Element Position

This column of the map identifies the Segment or Element position within the ASC X12 message structure. The Element position numbers identify the position of a data element within a segment. Simple data elements are assigned the next sequential number in order of occurrence within the segment.

ASC X12 Data Element Names

This column provides the name of the ASC X12 Segment, Composite, Component, or Simple Data element, as defined in the ASC X12 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 ASC X12 data elements. In many cases mandatory ASC X12 codes are used to qualify the data elements being supplied. In these cases the description of the ASC X12 codes values are provided.

Data Type/Size

The attributes of data type and maximum size are defined in this column. These are described using a 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.

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Default Syntax

The ASC X12 message structure is formatted using a set of special characters to control the position of data within a segment. The required ASC X12 syntax to be transmitted after each value is provided in this column. In some cases conditional data elements within a segment must be “skipped” (if they are not used), in these case more than one syntax character has been specified after a particular data element.

Status - Mandatory Or Conditional - Occurrence Count

Depending on the message requirement different rules of "mandatory" or "conditional" use of a data element may apply. In addition a hierarchy of rules apply, if 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.

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Message Structure:

- ISA - Interchange Control Header
 - GS - Function Group Header
 - ST - Transaction Set Header
 - BGN - Beginning Segment
 - Identifies the type of message
 - LOOP ID - NM1
 - NM1 - Individual or Organizational Name
 - Provides the applicant level Carrier Code
 - REF - Reference Identification
 - Provides the Division level Carrier Code
 - LOOP ID - HL
 - HL - Hierarchical Level
 - Indicates the start and type of a HL loop
 - LOOP ID - NM1
 - NM1 - Individual or Organizational Name
 - Indicates the start of a NM1 loop
 - N2 - Additional Name Information
 - Provides owner operator name information
 - N3 - Address Information
 - Provides owner operator address information
 - N4 - Geographic Location
 - Provides owner operator address information
 - LOOP ID - REF
 - REF - Reference Identification
 - Provides the owner operator Carrier Code
 - LOOP ID - LX
 - LX - Assigned Number
 - Indicates the start of a LX loop
 - MTX - Text
 - Provides the owner operator Business name
 - SE - Transaction Set Trailer
 - GE - Functional Group Trailer
 - IEA - Interchange Control Trailer

Owner Operator & Terminal/Warehouse Trade Chain Partner (TCP) Updates

ASC X12 Segment ID	ASC X12 Element ID	Element Position on Segment	ASC X12 Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	OO Update
ISA			Interchange Control Header	To start and identify an interchange of zero or more functional groups and interchange-related control segments	ID3	ISA	*	M1
	101	1	Authorization Information Qualifier	Code to identify the type of information in the Authorization information	ID2	Space fill	*	M
	102	2	Authorization Information	Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by element 101	AN10	Space fill	*	M
	103	3	Security Information Qualifier	Code to identify the type of information in the Security Information	ID2	00 - No security information present	*	M
	104	4	Security Information	This is used for identifying the security information about the interchange sender or data in the interchange; the type of information is set by the element 103	AN10	Space Fill	*	M
	105	5	Interchange ID Qualifier	Qualifier to designate the system/method of code structure used to designate the sender ID element	ID2	As per the transport requirements	*	M
	106	6	Interchange Sender ID	Identification code published by the sender of the data	AN15	As per the transport requirements. Must left justify and space fill	*	M
	105	7	Interchange ID Qualifier	Qualifier to designate the system/method of code structure used to designate the Receiver ID element	ID2	As per the transport requirements	*	M

Owner Operator & Terminal/Warehouse Trade Chain Partner (TCP) Updates

ASC X12 Segment ID	ASC X12 Element ID	Element Position on Segment	ASC X12 Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	OO Update
	107	8	Interchange Receiver ID	Identification code published by the receiver of the data	AN15	As per the transport requirements. Must left justify and space fill	*	M
	108	9	Interchange Date	Date of the Interchange The format is year (YY), month (MM), day (DD)	DT6	YYMMDD - Date	*	M
	109	10	Interchange Time	Time of the interchange The format is hour (HH), minute (MM)	TM4	HHMM - Time	*	M
	110	11	Interchange Control Standards Identifier	Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer	ID1	U - U.S EDI Community of ASC X12, TDCC, and UCS	*	M
	111	12	Interchange Control Version Number	This version number covers the interchange control segments	ID5	00200	*	M
	112	13	Interchange Control Number	A control number assigned by the interchange sender.	N9	Assigned by the sender	*	M
	113	14	Acknowledgment Requested	Code sent by the sender to request an interchange acknowledgment (TA1)	ID1	0 - No acknowledgment requested	*	M
	114	15	Usage Indicator	Code to indicate whether data enclosed by this interchange envelope is test, production or information	ID1	T - Test P - Production	*	M
	115	16	Component Element Separator	This field provides the delimiter used to separate component data elements within a composite data structure. This value must be different than the data element separator and the segment terminator, and should NOT be a common character that is likely to be found in a textual value	ID1	Assigned by the sender	Lf	M

Owner Operator & Terminal/Warehouse Trade Chain Partner (TCP) Updates

ASC X12 Segment ID	ASC X12 Element ID	Element Position on Segment	ASC X12 Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	OO Update
GS			Functional Group Header	To indicate the beginning of a functional group and to provide control information	ID2	GS	*	M1
	479	1	Functional Identifier Code	Code identifying a group of application related transaction sets	ID2	BF - Business entity filings	*	M
	142	2	Application Sender's Code	Code identifying party sending transmission. Codes to be agreed up by both parties	AN2..15	Assigned by the sender, and agreed to by CBSA	*	M
	124	3	Application Receiver's Code	Code identifying party receiving the transmission	AN2..15	CSAUPDATE	*	M
	373	4	Date	Date of the group The format is century (CC), year (YY), month (MM), day (DD)	DT8	CCYYMMDD - Date	*	M
	337	5	Time	Time of the group The format is hour (HH), minute (MM)	TM4	HHMM - Time	*	M
	28	6	Group Control Number	Assigned number originated and maintained by the sender	N1..9	Assigned by the sender	*	M
	455	7	Responsible Agency Code	Code used in conjunction with element 480 to identify the issuer of the standard	ID1..2	X - Accredited Standards Committee X12	*	M
	480	8	Version/ Release/ Industry Identifier Code	Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used	AN1..12	004010	Lf	M
ST			TRANSACTION SET HEADER	To indicate the beginning of the transaction	ID2	ST	*	M1
	143	1	Transaction Set Identifier Code		ID3	105	*	M
	329	2	Transaction Set Control Number	Transaction set control number must be unique for each transaction (ST-SE) within the functional group (GS-GE)	AN4..9	Unique reference identifier	Lf	M
BGN			Beginning Segment		ID3	BGN	*	M1
	353	1	Transaction Set Purpose Code		ID2	02 - Add 03 - Delete	*	M
	127	2	Reference Identification	Number Uniquely identifying the message	AN..30	Assigned by the Sender	*	M

Owner Operator & Terminal/Warehouse Trade Chain Partner (TCP) Updates

ASC X12 Segment ID	ASC X12 Element ID	Element Position on Segment	ASC X12 Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	OO Update
	373	3	Date	Format is CCYYMMDD	DT8		*	M
	337	4	Time	Format is HHMM	TM4		**	M
	127	6	Reference Identification	ACROSS SOID	AN..30	554 for Owner\Operator TCP updates 562 for Terminal Warehouse TCP updates	Lf	M
LOOP ID - NM1								M1
NM1			Individual or Organizational Name		ID3	NM1	*	M1
	98	1	Entity Identifier Code		ID2	CA - Carrier	*	M
	1065	2	Entity Type Qualifier		ID1	6 - Organization	*****	M
	66	8	Identification Code Qualifier		ID2	ZZ - Mutually Defined	*	M
	67	9	Identification Code	If Entity is a carrier, then the number should be the Carrier Code	AN2..80	This should be the applicant level Carrier Code	Lf	M
REF			Reference Identification		ID3	REF	*	M1
	128	1	Reference Identification Qualifier	-Use AAO for Applicant level Carrier Code	ID2..3	AAO - CBSA Carrier assigned code (Applicant level Carrier Code)	*	M
	127	2	Reference Identification	-This field should be assigned the Division level Carrier Code. -If applicant carrier has no divisions, enter applicant level carrier code.	AN..30	This should be the Divisional level Carrier Code	Lf	M

Owner Operator & Terminal/Warehouse Trade Chain Partner (TCP) Updates

ASC X12 Segment ID	ASC X12 Element ID	Element Position on Segment	ASC X12 Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	OO Update
LOOP ID - HL								M1
HL			Hierarchical Level		ID2	HL	*	M1
	628	1	Hierarchical ID Number		N1	1	**	M
	735	3	Hierarchical Level Code		A2	PP - Related Parties	Lf	M
LOOP ID - NM1								M1
NM1			Individual or Organizational		ID3	NM1	*	M1
	98	1	Entity Identifier Code	Identifies the type of information that is being updated For Owner Operator updates use HA. For Terminal Warehouse updates use WH.	ID2..3	HA - Owner (for Owner\Operator) WH - Warehouse	*	M
	1065	2	Entity Type Qualifier		ID1	6 - Organization	Lf	M
N2			Additional Name Information		ID2	N2	*	C1
	93	1	Name	Provide the Owner\Operator Last Name	AN..50	Owner\Operator Last Name	*	M
	93	2	Name	Provide the Owner\Operator First Name	AN..30	Owner\Operator First Name	Lf	M
N3			Address Information		ID2	N3	*	M1
	166	1	Address Information	Business entity address to be provided	AN..30	Address line 1 information	*	M
	166	2	Address Information	Business entity address to be provided	AN..30	Address line 2 information	Lf	C
N4			Geographic Location		ID2	N4	*	M1
	19	1	City Name	Business entity City	AN2..30	Name of the City	*	M

Owner Operator & Terminal/Warehouse Trade Chain Partner (TCP) Updates

ASC X12 Segment ID	ASC X12 Element ID	Element Position on Segment	ASC X12 Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	OO Update
	156	2	State or Province Code	Business entity State\Province code.	ID2	As per ISO 3166.2 - Sub-region Code. See Code Table #2 - Province/State Codes	*	C
	116	3	Postal Code	Business entity Postal Code	AN3..15	Postal code or zip code	*	M
	26	4	Country Code	Business entity Country Code.	ID2	As per ISO 3166.1 - Country Code. See Code Table #3 - Country Codes	Lf	M
LOOP ID - REF				This loop is only required if the Owner\Operator has a CBSA Carrier Code				C1
REF			Reference Identification		ID3	REF	*	C1
	128	1	Reference Identification Qualifier	-If the a carrier code will be provided then use code AAO	ID2..3	AAO - Carrier assigned code	*	M
	127	2	Reference Identification	-If the Owner\Operator has been assigned a CBSA Carrier Code, then assign it to this field	AN4	Carrier Code as assigned by CBSA	Lf	M
LOOP ID - LX				This loop is only required if the Owner\Operator is to provided				C1
LX			Assigned Number		ID2	LX	*	C1
	554	1	Assigned Number	This field should begin assign the number 1	N1	Assigned By sender	Lf	M
MTX			Text		ID3	MTX	*	C1
	363	1	Note Reference Code	Indicates the Business name of the Owner\Operator or Terminal Warehouse	ID	ZZZ - Mutually Defined	*	M
	1551	2	Message Text	This field should be assigned the Owner\Operator Business name	AN..175	The Business Name	Lf	M

Owner Operator & Terminal/Warehouse Trade Chain Partner (TCP) Updates

ASC X12 Segment ID	ASC X12 Element ID	Element Position on Segment	ASC X12 Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	OO Update
SE			Transaction Set Trailer	To indicate the end of a transaction with in a group	ID2	SE	*	M1
	96	1	Number of Included Segments	Should identify the total number of segments within the transaction set (ST - SE) including the ST and SE segments	N1..10		*	M
	329	2	Transaction Set Control Number	Must be the same as ST02 (element 329 on segment ST)	AN4..9	Unique reference identifier	Lf	M
GE			Functional Group Trailer	To indicate the end of a functional group and to provide control information	ID2	GE	*	M1
	97	1	Number of Transaction Sets Included	Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	N1..6	Integer value indicating the total number of transactions in the group	*	M
	28	2	Group Control Number	Assigned number originating at and maintained by the sender	N1..9	This value should be the same as element 28 on the GS segment	Lf	M
IEA			Interchange Control Trailer	To define the end of an interchange of zero or more functional groups and interchange-related control segments	ID3	IEA	*	M1
	116	1		Number of included functional groups	N1..5	This should be the number of functional groups (GS-GE) contained within the interchange (ISA - IEA)	*	M
	112	2	Interchange Control number	A control number assigned by the sender of the interchange	N9	This value should be the same as element 112 on the ISA segment	Lf	M

Owner Operator & Terminal/Warehouse Trade Chain Partner (TCP) Updates

Notes:

1. The column header OO update = Owner\Operator update.
2. The recommended segment terminator is Lf, which stands for linefeed. The recommended data element separator is an asterisk (*). The recommended composite element separator is a colon (:).
3. BGN segment, element 127 will be used as the primary identifier on all response messages.
4. 1st Loop ID – REF is only required if the Owner\Operator has a Carrier code.
5. 1st Loop ID – LX is only required if the Owner\Operator has a business name.
6. Vendor\Consignee not available for this standard.
7. It is recommended that Sender's use unique interchange control numbers for each transmission as this improves the ability to track and support transmissions.
8. 1st LOOP ID – NM1, NM1 segment, element 67 should include the applicant level carrier code.
9. 1st LOOP ID - NM1, REF segment, element 1217 should include the division level carrier code; repeat applicant level carrier code if updates do not apply to the division level
10. Keys to the Owner\Operator must include one or more of the following: Owner\Operator First\Last Name, Owner\Operator Business Name, Owner\Operator Carrier Code.

ASC 997 Functional Acknowledgement

Message Map

ASC 997 – Functional Acknowledgement

Segment ID / Position in Segment	Element ID	Name	Notes	Attributes			Codes
				Req	Type	Size/ Occur	
ST		Transaction Set Header	To indicate the start of a transaction set and to assign a control number	M		1	
01	143	Transaction Set Identifier Code	Code uniquely identifying a Transaction Set	M	ID	3/3	997 Functional Acknowledgment
02	329	Transaction Set Control Number	Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	
AK1		Functional Group Response Header	To start acknowledgment of a functional group	M		1	
01	479	Functional Identifier Code	AK101 is the functional ID found in the GS segment (GS01) in the functional group being acknowledged.	M	ID	2/2	
02	28	Group Control Number	AK102 is the functional group control number found in the GS segment (GS06) in the functional group being acknowledged.	M	NO	1/9	
Loop ID – AK2				O		999999	
AK2		Transaction Set Response Header	To start acknowledgment of a single transaction set	O		1	
01	143	Transaction Set Identifier Code	AK201 is the transaction set ID found in the ST segment (ST01) in the transaction set being acknowledged.	M	ID	3/3	
02	329	Transaction Set Control Number	AK202 is the transaction set control number found in the ST segment (ST02) in the transaction set being acknowledged.	M	AN	4/9	
Loop ID – AK3				O		999999	
AK3		Data Segment Note	To report errors in a data segment and identify the location of the data segment	O		1	
01	721	Segment ID Code	Code defining the segment ID of the data segment in error	M	ID	2/3	
02	719	Segment Position in Transaction Set	The numerical count position of this data segment from the start of the transaction set: the transaction set header (ST) is count position 1	M	NO	1/6	
03	447	Loop Identifier Code	The loop ID number given on the transaction set diagram is the value for this data element	O	AN	1/6	

ASC 997 – Functional Acknowledgement

Segment ID / Position in Segment	Element ID	Name	Notes	Attributes			Codes
				Req	Type	Size/ Occur	
04	720	Segment Syntax Error Code	Code indicating error found based on the syntax editing of a segment	O	ID	1/3	1 Unrecognized segment ID 2 Unexpected segment 3 Mandatory segment missing 4 Loop Occurs Over Maximum Times 5 Segment Exceeds Maximum Use 6 Segment Not in Defined Transaction Set 7 Segment Not in Proper Sequence 8 Segment Has Data Element Error
AK4		Data Element Note	To report errors in a data element or composite data structure and identify the location of the data element	O		99	
01	C030	Position in Segment		M			
01.1	722	Element Position in Segment	This is used to indicate the relative position of a simple data element, or the relative position of a composite data structure with the relative position of the component within the composite data structure, in error; in the data segment the count starts with 1 for the simple data element or composite data structure immediately following the segment ID	M	N0	1/2	
01.2	1528	Component Data Element Position in Composite	To identify the component data element position within the composite that is in error	O	N0	1/2	
02	725	Data Element Reference Number	Reference number used to locate the data element in the Data Element Dictionary	O	N0	1/4	
03	723	Data Element Syntax Error Code	Code indicating the error found after syntax edits of a data element	M	ID	1/3	1 Mandatory data element missing 2 Conditional required data element missing. 3 Too many data elements. 4 Data element too short. 5 Data element too long. 6 Invalid character in data element. 7 Invalid code value. 8 Invalid Date 9 Invalid Time 10 Exclusion Condition Violated
04	724	Copy of Bad Data Element	This is a copy of the data element in error	O	AN	1/99	
AK5		Transaction Set Response Trailer	To acknowledge acceptance or rejection and report errors in a transaction set	M		1	

ASC 997 – Functional Acknowledgement

Segment ID / Position in Segment	Element ID	Name	Notes	Attributes			Codes
				Req	Type	Size/ Occur	
01	717	Transaction Set Acknowledgment Code	Code indicating accept or reject condition based on the syntax editing of the transaction set	M	ID	1/1	A Accepted E Accepted But Errors Were Noted M Rejected, Message Authentication Code (MAC) Failed R Rejected W Rejected, Assurance Failed Validity Tests X Rejected, Content After Decryption Could Not Be Analyzed
02	718	Transaction Set Syntax Error Code	Code indicating error found based on the syntax editing of a transaction set	O	ID	1/3	1 Transaction Set Not Supported 2 Transaction Set Trailer Missing 3 Transaction Set Control Number in Header and Trailer Do Not Match 4 Number of Included Segments Does Not Match Actual Count 5 One or More Segments in Error 6 Missing or Invalid Transaction Set Identifier 7 Missing or Invalid Transaction Set Control Number
03	718	Transaction Set Syntax Error Code	As above	O	ID	1/3	
04	718	Transaction Set Syntax Error Code	As above	O	ID	1/3	
05	718	Transaction Set Syntax Error Code	As above	O	ID	1/3	
06	718	Transaction Set Syntax Error Code	As above	O	ID	1/3	
AK9		Functional Group Response Trailer	To acknowledge acceptance or rejection of a functional group and report the number of included transaction sets from the original trailer, the accepted sets, and the received sets in this functional group	M		1	
01	715	Functional Group Acknowledge Code	Code indicating accept or reject condition based on the syntax editing of the functional group	M	ID	1/1	
02	97	Number of Transaction Sets Included	Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	
03	123	Number of Received Transaction Sets	Number of Transaction Sets received	M	N0	1/6	
04	2	Number of Accepted Transaction Sets	Number of accepted Transaction Sets in a Functional Group	M	N0	1/6	

ASC 997 – Functional Acknowledgement

Segment ID / Position in Segment	Element ID	Name	Notes	Attributes			Codes
				Req	Type	Size/ Occur	
05	716	Functional Group Syntax Error Code	Code indicating error found based on the syntax editing of the functional group header and/or trailer	O	ID	1/3	1 Functional Group Not Supported 2 Functional Group Version Not Supported 3 Functional Group Trailer Missing 4 Group Control Number in the Functional Group Header and Trailer Do Not Agree 5 Number of Included Transaction Sets Does Not Match Actual Count 6 Group Control Number Violates Syntax
06	716	Functional Group Syntax Error Code	As above	O	ID	1/3	
07	716	Functional Group Syntax Error Code	As above	O	ID	1/3	
08	716	Functional Group Syntax Error Code	As above	O	ID	1/3	
09	716	Functional Group Syntax Error Code	As above	O	ID	1/3	
SE		Transaction Set Trailer	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments				
01	96	Number of Included Segments					
02	329	Transaction Set Control Number					

ASC 824 – Application Advice

Message Map

ASC 824 – Application Advice

Segment ID / Element	Data Element	Name	Notes	Attributes	Codes
ST		Transaction Set Header	To indicate the start of a transaction set and to assign a control number	M 1/1	
01	143	Transaction set ID code		M ID 3/3	824
02	329	Transaction Set Control Number		M AN 4/9	
BGN		Functional Group Response Header	To indicate the beginning of a transaction set	M 1/1	
01	353	Transaction Set Purpose Code		M ID 2/2	06 – Confirmation 44 – Rejection
02	127	Reference Identification	The transaction set control number from the ST segment of the original transaction sent to the CBSA	M AN 1/30	
03	373	Date	Date of the original transaction	M DT 8/8	
04		Time	Time of original transaction	M	
Loop ID – OTI				>1	
OTI		Original Transaction Identification	To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result	M 1/1	
01	110	Application Acknowledgement Code		M ID 1/2	IA – Item Accept IR – Item Reject
02	128	Reference Identification Qualifier		M ID 2/3	RAIL TG - Transportation Control Number XC - Cargo Control Number TCP 7U- Related Transaction Reference Number
03	127	Reference Identification	CCN or train report number	M AN 1/30	
REF		Reference Identification	To specify identifying information	O 0/12	
01	128	Reference Identification Qualifier		M ID 2/3	ZZ – Mutually Defined
02	127	Reference Identification	Secondary reference number from the M1012 of the related 309 Or 358 transaction set.	M AN 1/30	
LOOP ID – OTI/TED				>1	
TED		Technical Error Description	To identify the error and, if feasible, the erroneous segment, or data element, or both. Elements 04 and 08 will not be used.	O 1/1	

ASC 824 – Application Advice

Segment ID / Element	Data Element	Name	Notes	Attributes	Codes
01	647	Application Error Condition Code		M ID 1/3	ZZZ – Mutually Defined
02	3	Free Form Message	3 digit CBSA reject code	O AN 1/60	list of codes provided by the CBSA
03	721	Segment ID Code		O ID 2/3	
05	722	Element Position in Segment		O NO 1/2	
06	725	Data Element Reference Number		O NO 1/4	
07	724	Copy of Bad Data Element		O AN 1/99	
NTE		Note/Special Instruction	To transmit information in a free-form format, if necessary, for comment or special instruction	O 1/100	
01	363	Note Reference Code	Code identifying the functional area or purpose for which the note applies	O ID 3/3	ERN - Error Notes
02	352	Description	A free-form description to clarify the related data elements and their content	M AN 1/80	
SE			To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)	M 1/1	
	01	Number of Included Segments		M NO 1/10	
	02	Transaction Set Control Number		M AN 4/9	

**ARRIVAL
UN/EDIFACT 96A
Customs Report
(CUSREP)**

Message Map

ARRIVAL UN/EDIFACT 96A Customs Report (CUSREP)

Glossary of Data Elements for CSA EDI - Arrival

Name/segment	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 CBSA 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	CBSA 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. See Code Table #4 – CBSA Office Codes.
Sub-work location (CBSA Sub-location) LOC(129) Place/location Id	Code for a CBSA-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 CBSA-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 CBSA-approved warehouse/facility at the time the request for release or authorization to deliver is submitted. Also the CBSA-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. See Code Table #8 – Sub-Location Codes

ARRIVAL UN/EDIFACT 96A Customs Report (CUSREP)

CANADA BORDER SERVICES AGENCY

CUSTOMS SELF ASSESSMENT (CSA) PROJECT

ARRIVALS Implementation Guide

ARRIVAL UN/EDIFACT 96A CUSTOMS RESPONSE (CUSREP)

VERSION 1.6 - October 2000

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ARRIVAL UN/EDIFACT 96A Customs Report (CUSREP)

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 Customs 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 96A.

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. It should be noted that the Element IDs are not transmitted within the message, only the value of the data element is transmitted in the appropriate position within the segment.

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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

ARRIVAL UN/EDIFACT 96A Customs Report (CUSREP)

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.

ARRIVAL UN/EDIFACT 96A Customs Report (CUSREP)

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.

ARRIVAL UN/EDIFACT 96A Customs Report (CUSREP)

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 CBSA' code for the port of release
 - UNT - Message Trailer
 - UNE - Functional Group Trailer
- UNZ - Interchange Trailer

ARRIVAL UN/EDIFACT 96A Customs Report (CUSREP)

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA 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	1	+	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	CBSA Network Mailbox ID	:	M	M
	0007	3.2	Partner identification code qualifier	CBSA 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	CBSA strongly recommends that every interchange for a particular client have a unique reference number, which will make document tracking much more effective	AN..14	Unique Reference Number	++	M	M
	0026	7	APPLICATION REFERENCE		A6	CUSREP	'	C	C

ARRIVAL UN/EDIFACT 96A Customs Report (CUSREP)

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA 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	D	:	M	M
	0054	7.2	Message release number		AN3	96A	'	M	M
UNH			Message Header		A3	UNH	+	M1	M1
	0062	1	MESSAGE REFERENCE NUMBER	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

ARRIVAL UN/EDIFACT 96A Customs Report (CUSREP)

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Non CSA	CSA
	0052	2.2	Message version number		A1	D	:	M	M
/	0054	2.3	Message release number		AN3	96A	:	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						

ARRIVAL UN/EDIFACT 96A Customs Report (CUSREP)

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Non CSA	CSA
	1153	1.1	Reference Qualifier		A..3	ABT - Cargo Control Number -UPPER CASE ONLY TN - Transaction Number (for status query only)	:	M	M
	1154	1.2	Reference Number	CCN or Trans No.	AN..25		'	M	M
RFF			REFERENCE		A3	RFF	+	N/A	M1
	C506	1	REFERENCE						
	1153	1.1	Reference Qualifier		A..3	ADZ - Importer Number	:	N/A	M
	1154	1.2	Reference Number		AN..15	Importer Business Number Format: 123456789RM1234	'	N/A	M
Segment Group 2								C1	M1
LOC			PLACE/LOCATION IDENTIFICATION	For CSA Port Code and Warehouse code are required	A3	LOC	+	C1	M1
	3227	1	PLACE/LOCATION QUALIFIER		N2	14 - Location of Goods	+	M	M
	C517		LOCATION IDENTIFICATION						
	3225	2.1	Place/Location ID	Arrivals - Mandatory Status Query - Not Required	N4	CBSA office code for: port of clearance. See Code Table #4 - CBSA Office Codes	:	C	C
	1131	2.2	Code List Qualifier		AN3	129 - CBSA warehouse	::	NA	C
	3224	2.4	Place/Location		N4	CBSA sub-location code. See Code Table #8 - Sub- Location Codes.	'	NA	C
UNT			Message Trailer		A3	UNT	+	M1	M1

ARRIVAL UN/EDIFACT 96A Customs Report (CUSREP)

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

**ARRIVAL
UN/EDIFACT 96A
Customs Response
(CUSRES)**

Message Map

ARRIVAL UN/EDIFACT 96A Customs Response (CUSRES)

CANADA BORDER SERVICES AGENCY

CUSTOMS SELF ASSESSMENT (CSA) PROJECT

ARRIVALS Implementation Guide

UN/EDIFACT/CUSRES 96A MESSAGE MAP

VERSION 1.7 - December 2000

Updated April 2005

ARRIVAL UN/EDIFACT 96A Customs Response (CUSRES)

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 Customs Self Assessment (CSA) Project 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 96A.

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. It should be noted that the Element IDs are not transmitted within the message, only the value of the data element is transmitted in the appropriate position within the segment.

ARRIVAL UN/EDIFACT 96A Customs Response (CUSRES)

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.

N

ARRIVAL UN/EDIFACT 96A Customs Response (CUSRES)

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.

ARRIVAL UN/EDIFACT 96A Customs Response (CUSRES)

Default Syntax

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

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.

ARRIVAL UN/EDIFACT 96A Customs Response (CUSRES)

Message Structure:

- UNB - Interchange Header
 - UNG - Functional Group Header
 - UNH - Message Header
 - BGM - Beginning of Message
 - Identifies the type of message
 - LOC - Place / Location Identification
 - Provides the CBSA Port of release and warehouse office code (if available)
 - DTM - Date\Time\Period
 - Provides the Date\Time of preparation or clearance
 - GIS - General Indicator
 - Provides the processing indicator code
 - FTX - Free Text
 - Provides the delivery instructions if available
 - EQD - Equipment Details (Segment may repeat up to 99 times as required)
 - Provides the container number
 - Segment Group 1 (Group only occurs once)
 - ERP - Error Point Details
 - Provides the error type to be provided in the ERC
 - ERC - Application Error Information
 - Provides the application error information
 - Segment Group 5 (Group only occurs once)
 - RFF - Reference
 - Provides the Cargo Control Number (Shipment Identifier for CSA shipments)
 - UNT - Message Trailer
 - UNE - Functional Group Trailer
- UNZ - Interchange Trailer

ARRIVAL UN/EDIFACT 96A Customs Response (CUSRES)

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Err Resp	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	1	+	M	M
	S002	2	INTERCHANGE SENDER						
	0004	2.1	Sender identification	Note that if there is no mailbox ID qualifier, then the default syntax for this element should be a "+" instead of a ":"	AN..35	CBSA Network Mailbox ID	:	M	M
	0007	2.2	Partner identification code qualifier		AN..4	CBSA 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
	0020	5	INTERCHANGE CONTROL REFERENCE	CBSA strongly recommends that every interchange for a particular client have a unique reference number, which will make document tracking much more effective	AN..14	Unique Reference Number	++	M	M
	0026	7	APPLICATION REFERENCE		A6	CUSRES	'	C	C

ARRIVAL UN/EDIFACT 96A Customs Response (CUSRES)

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Err Resp	RNS
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						
	0052	7.1	Message version number		A1	D	:	M	M
	0054	7.2	Message release number		AN3	96A	'	M	M
UNH			Message Header		A3	UNH	+	M1	M1
	0062	1	MESSAGE REFERENCE NUMBER	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

ARRIVAL UN/EDIFACT 96A Customs Response (CUSRES)

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Err Resp	RNS
	0052	2.2	Message version number		A1	D	:	M	M
	0054	2.3	Message release number		AN3	96A	:	M	M
	0051	2.4	Controlling agency		A2	UN	'	M	M
BGM			Beginning of Message		A3	BGM	+	M1	M1
	C002	1	DOCUMENT\MESSAGE NAME				:::		
	1000	1.4	Document Name	ACROSS Service Option	N..3	67 = Enter to Arrive, paper 75 = FIRST, paper 117 = PARS, paper 125 = PARS, EDI 174 = RMD, paper 232 = Value Included, paper 257 = RMD, EDI 331 = Cash, paper 455 = Appraisal Quality, EDI 463 = PARS (OGD Trans.) 471 = RMD (OGD Trans.) 489 = Generic Arrival / Query response 497 = CSA highway paper 505 = CSA EDI rail 513 = CSA EDI highway 521 = CSA non-highway paper	+	M	M
	1004	2.1	DOCUMENT MESSAGE NUMBER	Transaction / Cargo Control / Shipment Number	N25		+	M	M
	1225	3.1	Message Function, coded		AN..3	11	'	M	M
LOC			PLACE/LOCATION IDENTIFICATION		A3	LOC	+	C1	M1
	3227	1	PLACE/LOCATION QUALIFIER		N2	22 - CBSA Office of Clearance	+	C	M

ARRIVAL UN/EDIFACT 96A Customs Response (CUSRES)

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Err Resp	RNS
	C517		LOCATION IDENTIFICATION						
	3225	2	Place/Location ID		N4	CBSA office code for : port of clearance. See Code Table #4 - CBSA Office Codes.		C	M
	1131	2.2	Code List Qualifier		N3	129 - CBSA Warehouse :	::	C	C
	3224	2.4	Place/Location	If supplied with inbound Release Trans., or Keyed by CBSA Inspector.	N4		'	C	C
DTM			Date\Time\Period		A3	DTM	+	M1	M1
	C507	1	DATE\TIME\PERIOD						
	2005	1.1	Date\time\period function code qualifier		N..2	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
GIS			GENERAL INDICATOR		A3	GIS	+	M1	M1
	C529	1	PROCESSING INDICATOR						

ARRIVAL UN/EDIFACT 96A Customs Response (CUSRES)

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Err Resp	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 CBSA Processing	'	M	M
FTX			FREE TEXT		A3	FTX	+	C1	C1
	4451	1	TEXT SUBJECT QUALIFIER		A3	AAG - Party Instructions AAO - Error Text	+++	M	M
	C108	4	TEXT LITERAL						
	4440	4.1	Free Text	Delivery Instructions or Error Text	AN..70		:	M	M
	4440	4.2	Free Text	Delivery Instructions or Error Text	AN..70		'	C	C
EQD			EQUIPMENT DETAILS		A3	EQD	+	N/A	C99
	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 1								M1	M1
ERP			Error Point Details		A3	ERP	+	C1	N/A

ARRIVAL UN/EDIFACT 96A Customs Response (CUSRES)

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Err Resp	RNS
	C701	1	ERROR POINT DETAILS						
	1049	1.1	Message Section, Coded		N1	2 - Detail	:	M	N/A
	1052	1.2	Message Item Number	In the case of a syntax error, will contain the UNH 0062 Message Reference Number	AN..14	Senders Message Reference Number	:	C	N/A
	1054	1.3	Message Sub-Item Number		N2	20 = Administration 21 = Enforcement 22 = Conformance 28 = Batch Error 29 = Data Error	'	M	N/A
ERC			APPLICATION ERROR INFORMATION		A3	ERC	+	M1 C49	N/A
	C901	1	APPLICATION ERROR DETAIL						
	9321	1.1	Application Error Identification		AN..3	01 = CCN not on file 02 = Trans. # not on file 04 = Invalid arrival or delivery/query message 05 = Neither CCN nor Transaction # provided 06 = Invalid Office Code 08 = EDIFACT conformance check error 09 = Arrival Office Does Not Match Release Office 10 = CCN Exceeds Max Size 12 = Invalid Code 14 = Arrival date is Future Dated * For additional Error Codes, refer to Electronic Release section of the Participant's Requirements Document	'	M	N/A
Segment Group 5								M1	M1
RFF			REFERENCE		A3	RFF	+	C1	M1

ARRIVAL UN/EDIFACT 96A Customs Response (CUSRES)

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Err Resp	RNS
	C506	1	REFERENCE						
	1153	1.1	Reference Qualifier		A2	XC - Cargo Control Number	:	C	M
	1154	1.2	Reference Number	Cargo Control / Shipment Number	AN..25		'	C	M
UNT			Message Trailer		A3	UNT	+	M1	M1
	0074	1	NUMBER OF SEGMENTS IN MESSAGE	This field indicates the number of segments, including UNH and UNT, within the message (UNH - UNT set)	N..6		+	M	M
	0062	2	MESSAGE REFERENCE NUMBER	Value should be the same as UNH element 0062	AN..14		'	M	M
UNE			Functional Group Trailer		A3	UNE	+	M1	M1
	0060	1	NUMBER OF MESSAGES	This field indicates the number of messages (UNH - UNT sets) within the group (UNG - UNE)	N..6		+	M	M
	0048	2	FUNCTIONAL GROUP REFERENCE NUMBER	Value should be the same as UNG element 0048	AN..14		'	M	M
UNZ			Interchange Trailer		A3	UNZ	+	M1	M1
	0036	1	INTERCHANGE CONTROL COUNT	This field indicates the number of groups (UNG - UNE sets) within the interchange (UNB - UNZ)	N..6		+	M	M
	0020	2	INTERCHANGE CONTROL REFERENCE NUMBER	Value should be the same as UNB element 0020	AN..14		'	M	M

**ARRIVAL
UN/EDIFACT 99B
Customs Report
(CUSREP)**

Message Map

ARRIVAL UN/EDIFACT 99B Customs Report (CUSREP)

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 CBSA 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	CBSA 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 (CBSA Sub-location) LOC(129) place/location	Code for a CBSA-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 CBSA-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 CBSA-approved warehouse/facility at the time the request for release or authorization to deliver is submitted. Also the CBSA-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. See Code Table #8 – Sub-Location Codes

ARRIVAL UN/EDIFACT 99B Customs Report (CUSREP)

CANADA BORDER SERVICES AGENCY

CUSTOMS SELF ASSESSMENT (CSA) PROJECT

ARRIVALS Implementation Guide

UN/EDIFACT/CUSREP 99B MESSAGE MAP

VERSION 2.0 – March 2002

Updated April 2005

ARRIVAL UN/EDIFACT 99B Customs Report (CUSREP)

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 Customs 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.

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. It should be noted that the Element IDs are not transmitted within the message, only the value of the data element is transmitted in the appropriate position within the segment.

ARRIVAL UN/EDIFACT 99B Customs Report (CUSREP)

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.	Element
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.	Element
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.

ARRIVAL UN/EDIFACT 99B Customs Report (CUSREP)

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.

ARRIVAL UN/EDIFACT 99B Customs Report (CUSREP)

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.

ARRIVAL UN/EDIFACT 99B Customs Report (CUSREP)

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 CBSA code for the port of release
 - UNT - Message Trailer
 - UNE - Functional Group Trailer
- UNZ - Interchange Trailer

ARRIVAL UN/EDIFACT 99B Customs Report (CUSREP)

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA 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	CBSA Network Mailbox ID	:	M	M
	0007	3.2	Partner identification code qualifier	CBSA 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	CBSA strongly recommends that every interchange for a particular client have a unique reference number, which will make document tracking much more effective	AN..14	Unique Reference Number	++	M	M
	0026	7	APPLICATION REFERENCE		A6	CUSREP	'	C	C

ARRIVAL UN/EDIFACT 99B Customs Report (CUSREP)

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA 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
	0052	2.2	Message version number		A1	S	:	M	M

ARRIVAL UN/EDIFACT 99B Customs Report (CUSREP)

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Non CSA	CSA
	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}	<i>For non CSA- '</i> <i>For CSA- ++</i>	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

ARRIVAL UN/EDIFACT 99B Customs Report (CUSREP)

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA 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	+	C1	M1
	3227	1	PLACE/LOCATION QUALIFIER		N2	14 - Location of Goods	+	M	M
	C517		LOCATION IDENTIFICATION						
	3225	2.1	Place/Location ID	Arrivals - Mandatory Status Query - Not Required	N4	CBSA office code for: port of clearance. See Code Table #4 - CBSA Office Codes	:	C	M
	1131	2.2	Code List Qualifier		AN3	129 - CBSA warehouse	::	NA	M
	3224	2.4	Place/Location		N4	CBSA sub-location code. See Code Table #8 - Sub- Location Codes.	'	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

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EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA 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

**ARRIVAL
UN/EDIFACT 99B
Customs Response
(CUSRES)**

Message Map

ARRIVAL UN/EDIFACT 99B Customs Report (CUSRES)

CANADA BORDER SERVICES AGENCY

CUSTOMS SELF ASSESSMENT (CSA) PROJECT

ARRIVALS Implementation Guide

UN/EDIFACT/CUSRES 99B MESSAGE MAP

VERSION 2.0 - March 2002

Updated April 2005

ARRIVAL UN/EDIFACT 99B Customs Report (CUSRES)

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 Customs Self Assessment (CSA) Project 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.

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. It should be noted that the Element IDs are not transmitted within the message, only the value of the data element is transmitted in the appropriate position within the segment.

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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.	Element
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.	Element
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.

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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.

ARRIVAL UN/EDIFACT 99B Customs Report (CUSRES)

Default Syntax

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

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.

ARRIVAL UN/EDIFACT 99B Customs Report (CUSRES)

Message Structure:

- UNB - Interchange Header
 - UNG - Functional Group Header
 - UNH - Message Header
 - BGM - Beginning of Message
 - Identifies the type of message
 - DTM - Date\Time\Period
 - Provides the Date\Time of preparation or clearance
 - FTX - Free Text
 - Provides the delivery instructions if available
 - LOC - Place / Location Identification
 - Provides the CBSA 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

ARRIVAL UN/EDIFACT 99B Customs Report (CUSRES)

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Err or Res pon se	RNS
UNB			Interchange Header		A3	UNB	+	M1	M1
	S001	1	SYNTAX IDENTIFIER						
	0001	1.1	Syntax identifier		A4	UNOA	:	M	M
	0002	1.2	Syntax version number		N1	3	+	M	M
	S002	2	INTERCHANGE SENDER						
	0004	2.1	Sender identification	Note that if there is no mailbox ID qualifier, then the default syntax for this element should be a "+" instead of a ":"	AN..35	CBSA Network Mailbox ID	:	M	M
	0007	2.2	Partner identification code qualifier		AN..4	CBSA 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
	0020	5	INTERCHANGE CONTROL REFERENCE	CBSA strongly recommends that every interchange for a particular client have a unique reference number, which will make document tracking much more effective	AN..14	Unique Reference Number	++	M	M
	0026	7	APPLICATION REFERENCE		A6	CUSRES	'	C	C

ARRIVAL UN/EDIFACT 99B Customs Report (CUSRES)

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Err or Res pon se	RNS
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						
	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

ARRIVAL UN/EDIFACT 99B Customs Report (CUSRES)

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Err or Res pon se	RNS
	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				:::		
	1000	1.4	Document Name	ACROSS Service Option	N..3	34 - Aerospace, paper 67 = Enter to Arrive, paper 75 = FIRST, paper 117 = PARS, paper 125 = PARS, EDI 174 = RMD, paper 232 = Value Included, paper 257 = RMD, EDI 331 = Cash, paper 455 = Appraisal Quality, EDI 463 = PARS (OGD Trans.) 471 = RMD (OGD Trans.) 489 = Generic Arrival / Query response 497 - CSA Highway paper 505 = CSA EDI rail 513 = CSA EDI NON-highway 521 - CSA Non-Highway paper 612 = CSA EDI highway	+	M	M
	1004	2.1	DOCUMENT MESSAGE NUMBER	Transaction / Cargo Control / Shipment Number	N..25		+	M	M
	1225	3.1	Message Function, coded		N..3	11	'	M	M
DTM			Date\Time\Period		A3	DTM	+	M1	M1
	C507	1	DATE\TIME\PERIOD						
	2005	1.1	Date\time\period function code qualifier		N..3	9 - Processing Date 58 - Clearance Date	:	M	M

ARRIVAL UN/EDIFACT 99B Customs Report (CUSRES)

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Err or Res pon se	RNS
	2380	1.2	Date\time\period value		N12	CCYYMMDDHHMM	:	M	M
	2379	1.3	Date\time\period format code		N3	203 - CCYYMMDDHHMM	'	M	M
FTX			FREE TEXT		A3	FTX	+	C1	C1
	4451	1	TEXT SUBJECT QUALIFIER		A3	AAG - Party Instructions	+++	M	M
	C108	4	TEXT LITERAL						
	4440	4.1	Free Text	Delivery Instructions	AN..70		:	M	M
	4440	4.2	Free Text	Delivery Instructions	AN..70		'	C	C
LOC			PLACE/LOCATION IDENTIFICATION		A3	LOC	+	C1	M1
	3227	1	PLACE/LOCATION QUALIFIER		N..3	22 - CBSA Office of Clearance	+	C	M
	C517		LOCATION IDENTIFICATION						
	3225	2	Place/Location ID		N4	CBSA office code for: port of clearance. See Code Table #4 - CBSA Office Codes.	:	C	M
	1131	2.2	Code List Qualifier		N3	129 - CBSA Warehouse	::	C	C
	3224	2.4	Place/Location	If supplied with inbound Release Trans., or Keyed by CBSA Inspector.	N4	See Code Table #8 - Sub-Location Codes.	'	C	C
GIS			GENERAL INDICATOR		A3	GIS	+	M1	M1
	C529	1	PROCESSING INDICATOR						

ARRIVAL UN/EDIFACT 99B Customs Report (CUSRES)

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

ARRIVAL UN/EDIFACT 99B Customs Report (CUSRES)

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Err or Res pon se	RNS
	C701	1	ERROR POINT DETAILS						
	1049	1.1	Message Section, Coded		N1	2 - Detail	:	M	N/A
	1052	1.2	Message Item Number	In the case of a syntax error, will contain the UNH 0062 Message Reference Number	AN..14	Senders Message Reference Number	:	C	N/A
	1054	1.3	Message Sub-Item Number		N2	20 = Administration 21 = Enforcement 22 = Conformance 28 = Batch Error 29 = Data Error	'	M	N/A
RFF			REFERENCE		A3	RFF	+	C1	N/A
	C506	1	REFERENCE						
	1153	1.1	Reference Qualifier		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						

ARRIVAL UN/EDIFACT 99B Customs Report (CUSRES)

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Err or Res pon se	RNS
	9321	1.1	Application Error Identification		AN..3	R01 = CCN not on file R02 = Trans. # not on file R04 = Invalid arrival or delivery/query message R05 = Neither CCN nor Transaction # provided R06 = Invalid Office Code R08 = EDIFACT conformance check error R09 = Arrival Office Does Not Match Release Office R10 = CCN Exceeds Max Size R12 = Invalid Code R14 = Arrival date is Future Dated * For additional Error Codes, refer to Electronic Release section of the Participant's Requirements Document	'	M	N/A
FTX			FREE TEXT		A3	FTX	+	C99	N/A
	4451	1	TEXT SUBJECT QUALIFIER		A3	AAO - Error Description	+++	M	N/A
	C108	4	TEXT LITERAL						
	4440	4.1	Free Text	Error Text	AN..70		:	M	N/A
	4440	4.2	Free Text	Error Text	AN..70		'	C	N/A
UNT			Message Trailer		A3	UNT	+	M1	M1
	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

ARRIVAL UN/EDIFACT 99B Customs Report (CUSRES)

EDIFACT TAG (Segment ID)	EDIFACT Composite or Element ID	Element Position on Segment	CBSA Data Element Names	Notes and Descriptions	Data Type & Size	Codes & Values	Default Syntax	Err or Res pon se	RNS
	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

Code Table # 1 – EDI RESPONSES/ERROR CODES

CODE TABLE # 1 -- EDI RESPONSES/ERROR CODES

This code table provides the new CSA ACROSS 3-digit numeric application error codes, their associated group type, the associated data element and the error text. A textual equivalent will also be sent with the code, which will help you interpret the error.

Group types include:

- Trade Chain Partner (TCP): Consignee (C), Vendor (V), Owner Operator (OO), and Terminal/Warehouse (TW);
- Clearance Service Options: **547** – EDI Highway Conveyance, **539** – EDI Highway Cargo, **505** – CSA EDI Rail, **141** – EDI Rail Cargo, and **513** – CSA EDI (Arrivals).

Note: EDI Responses/Error Codes currently found in the ACROSS – EDI PRD Appendix F – Table # 5 – EDI Responses/Error Codes, also apply to the new CSA transactions.

EDI Message Number	Group	Field Description	Outbound to Client Error Message (Message Text)
H10	TCP – C, V, OO, TW	Applicant ID is blank.	Application ID is Mandatory.
H11	TCP – C, V, OO, TW	Applicant ID is not found in ACROSS data base.	Application ID must exist to allow updates.
H12	TCP – C, V, OO, TW	Application is not in ‘Approved CSA’ status.	Application is not in a valid status. Updates not accepted.
H13	TCP – C, V, OO, TW	Application is in ‘Cancelled’ status.	Application is not in a valid status. Updates not accepted.
H14	TCP – C, V, OO, TW	Application is in ‘Denied CSA’ status.	Application is not in a valid status. Updates not accepted.
H15	TCP – C, V, OO, TW	Divisional Business Number (BN) is not listed on CSA client’s TCP file.	Business Number not found in application.
H16	TCP – OO, TW	Divisional Carrier Code is not listed on CSA carrier’s TCP file.	Carrier Code not found in application.
H17	TCP – V	Duplicate vendor.	Duplicate vendor
H18	TCP – V	Country code cannot be ‘CA’ for vendor.	Country code cannot be ‘CA’ for vendor.
H19	TCP – C, V, OO, TW	If country code is ‘CA’ or ‘US’, province or state code must exist.	If country code is ‘CA’ or ‘US’, then province or state code is Mandatory.
H20	TCP – C, V	If the consignee type code is ‘03’ (BN), consignee number must be in 999999999RM9999 format and must be active in ACROSS database.	Business Number sent with an invalid format. Format must be 999999999RM9999.
H21	TCP – C, V, OO, TW	If country code is ‘CA’ or ‘US’ postal or zip code must exist.	If country code is ‘CA’ or ‘US’, then postal or zip code is Mandatory.
H22	TCP – C, V	If the vendor number type code is ‘03’ (BN), vendor number must be in 999999999RM9999 format and must be active in ACROSS database.	Business Number must be in proper format and active.
H25	TCP – V	Vendor reference identifier is not listed on the Importers TCP file. Delete not processed.	Vendor not found. Delete not processed.
H26	TCP – C	Duplicate Consignee.	Duplicate Consignee.
H27	TCP – C	Country code of Trade Chain Partner must be “CA” for Consignee.	Country code must be “CA” for Consignee.
H28	TCP – C	Consignee reference identifier is not listed on the Importers TCP file. Delete not processed.	Consignee reference identifier was not found. Delete not processed.

Code Table # 1 -- EDI Responses/Error Codes

EDI Message Number	Group	Field Description	Outbound to Client Error Message (Message Text)
H29	TCP – TW	Duplicate Terminal Warehouse Business Name.	Duplicate terminal warehouse business name.
H30	TCP – TW	Terminal Warehouse name does not exist. Delete not processed.	Terminal Warehouse name not found. Delete not processed.
H31	TCP – OO	Owner Operators Carrier Code is not found in the ACROSS database.	Owner Operator carrier code not found.
H32	TCP – OO	Owner Operators Carrier Code is not listed on CSA carriers TCP file.	Owner Operator carrier code not found.
H33	TCP – OO	Duplicate Owner Operator.	Duplicate owner operator.
H34	TCP – OO	Owner Operator does not exist. Delete not processed.	Owner Operator not found. Delete not processed.
H35	TCP – OO	Owner Operators business name (2502), carrier code (2501), surname (2503) and given name (2504) are all missing.	One of the following must be sent: Owner operators business name, carrier code, surname and given name.
H36	TCP – C, V	Divisional Business Number (BN) is mandatory.	Field is Mandatory.
H37	TCP – V	Vendor number type code is mandatory.	Field is Mandatory.
H38	TCP – V	Vendor number is mandatory.	Field is Mandatory.
H39	TCP – V	Business Name of Vendor is mandatory.	Field is Mandatory.
H40	TCP – C, V, TW, OO	Address Line 1 is mandatory.	Field is Mandatory.
H41	TCP – C, V, TW, OO	City is mandatory.	Field is Mandatory.
H42	TCP – C, V, TW, OO	Country Code is mandatory.	Field is Mandatory.
H43	TCP – C	Consignee number type code is mandatory.	Field is Mandatory.
H44	TCP – C	Consignee number is mandatory.	Field is Mandatory.
H45	TCP – C	Business Name of Consignee is mandatory.	Field is Mandatory.
H46	TCP – OO, TW	Carrier Code is mandatory.	Field is Mandatory.
H47	TCP – OO	Business Name of Owner Operator is mandatory when Business/Carrier Code and Surname not provided.	Field is Mandatory.
H48	TCP – OO	Surname is mandatory when business carrier code and business name is not provided.	Field is Mandatory.
H49	TCP – OO	Given name is mandatory when business carrier code and business name is not provided.	Field is Mandatory.
H50	TCP – TW	Terminal warehouse name is mandatory.	Field is Mandatory.
H51	TCP – V	Vendor reference number.	Field is not Valid.
H52	TCP – OO, TW,	Owner Operator Carrier Code.	Field is Not Valid.
H53	TCP – V, C	Divisional business number.	Field is Not Valid.
H54	TCP – V	Vendor number type code.	Field is Not Valid.
H56	TCP – V, C, TW, OO	Address Line 1.	Field is Not Valid.
H57	TCP – V, C, TW, OO	Address Line 2.	Field is Not Valid.
H58	TCP – V, C, TW, OO	City.	Field is Not Valid.
H59	TCP – V, C, TW, OO	Province or State Code.	Field is Not Valid.
H60	TCP – V, C, TW, OO	Country Code.	Field is Not Valid.

Code Table # 1 -- EDI Responses/Error Codes

EDI Message Number	Group	Field Description	Outbound to Client Error Message (Message Text)
H61	TCP – V, C, TW, OO	Postal or Zip code.	Field is Not Valid.
H62	TCP – V	Business Name of vendor.	Field is Not Valid.
H63	TCP – V	Vendor Address Group.	Field is Not Valid.
H64	TCP – C	Consignee Address Group.	Field is Not Valid.
H65	TCP – TW	Terminal Warehouse Address Group.	Field is Not Valid.
H66	TCP – OO	Owner Operator Address Group.	Field is Not Valid.
H67	TCP – C	Consignee number type code.	Field is Not Valid.
H68	TCP – C	Consignee reference number.	Field is Not Valid.
H69	TCP – C	Business Name of Consignee.	Field is Not Valid.
H70	TCP – TW	Business Name of Terminal Warehouse.	Field is Not Valid.
H71	TCP –OO	Owner Operators Business name not found. Delete not processed.	Owner Operators Business Name not found. Delete not processed.
H72	TCP – OO	Owner Operator Surname.	Field is Not Valid.
H73	TCP – OO	Owner Operator Given Name.	Field is Not Valid.
H74	TCP – OO	Owner Operator Business Name.	Field is Not Valid.
H75	TCP – V, C, TW, OO	Applicant business number.	Element Length Exceeds Size Allowed.
H76	TCP – OO, TW,	Owner Operator Carrier Code.	Element Length Exceeds Size Allowed.
H77	TCP – V, C	Divisional business number.	Element Length Exceeds Size Allowed.
H78	TCP – V	Vendor number type code.	Element Length Exceeds Size Allowed.
H79	TCP – V,	Vendor number.	Element Length Exceeds Size Allowed.
H80	TCP – V, C, TW, OO	Address Line 1.	Element Length Exceeds Size Allowed.
H81	TCP – V, C, TW, OO	Address Line 2.	Element Length Exceeds Size Allowed.
H82	TCP – V, C, TW, OO	City.	Element Length Exceeds Size Allowed.
H83	TCP – V, C, TW, OO	Province or State Code.	Element Length Exceeds Size Allowed.
H84	TCP – V, C, TW, OO	Country Code.	Element Length Exceeds Size Allowed.
H85	TCP – V, C, TW, OO	Postal or Zip code.	Element Length Exceeds Size Allowed.
H86	TCP – V	Business Name of vendor.	Element Length Exceeds Size Allowed.
H87	TCP – V	Vendor Address Group.	Element Length Exceeds Size Allowed.
H88	TCP – C	Consignee Address Group.	Element Length Exceeds Size Allowed.
H89	TCP – TW	Terminal Warehouse Address Group.	Element Length Exceeds Size Allowed.
H90	TCP – OO	Owner Operator Address Group.	Element Length Exceeds Size Allowed.
H91	TCP – C	Consignee number type code.	Element Length Exceeds Size Allowed.
H92	TCP – C	Consignee number.	Element Length Exceeds Size Allowed.
H93	TCP – C	Business Name of Consignee.	Element Length Exceeds Size Allowed.
H94	TCP – TW	Business Name of Terminal Warehouse.	Element Length Exceeds Size Allowed.

Code Table # 1 -- EDI Responses/Error Codes

EDI Message Number	Group	Field Description	Outbound to Client Error Message (Message Text)
H95	TCP – OO	Owner Operator Carrier Code.	Element Length Exceeds Size Allowed.
H96	TCP – OO	Owner Operator Surname.	Element Length Exceeds Size Allowed.
H97	TCP – OO	Owner Operator Given Name.	Element Length Exceeds Size Allowed.
H98	TCP – OO	Owner Operator Business Name.	Element Length Exceeds Size Allowed.
H99	505/141/513/539/547	Importer number is mandatory.	Client Privilege Code is 01, importer number must be transmitted.
I01	505/141/513/539/547	Client is not a CSA participant.	Client must be a CSA participant.
I02	505/141/513/539/547	Importer Business Number (BN) is not a valid.	Invalid Business Number.
I03	141/539	Client Privilege Code is invalid.	Invalid Client Privilege Code.
I04	141/539	Client Privilege Code is mandatory.	Field is Mandatory.
I05	539	Shipment type code exceeds max length.	Element Exceed max length.
I06	539	Shipment type code is not valid.	Field is not Valid.
I07	513/539	Warehouse ID is blank.	Field is Mandatory.
I08	513/539	Warehouse office must be sub-port of release office.	Warehouse office is not associated with port of release.
I09	547/539	Carrier code transmitted is not valid.	Invalid Client id.
I10	539	Carrier code field exceeds maximum length.	Element Exceed maximum length.
I11	547	Expected Tractor Plate Number is mandatory.	Field is Mandatory.
I12	547	Expected Tractor Plate number cannot be greater than 15 characters.	Element Length Exceeds Size Allowed.
I13	547	Expected Tractor Plate number field is not valid.	Field is not Valid.
I14	547	Expected Province / State is mandatory.	Field is Mandatory.
I15	547	The Expected Province/State field is not valid.	Field is not Valid.
I16	547	The Expected Province/state field is greater than allowed.	Element Length Exceeds Size Allowed.
I17	547	Expected Port of Report must be a frontier office.	Port of report must be a frontier office.
I18	547	Expected Port of Report must be automated.	Expected port of report must be automated.
I19	547	The port code reported on the manifest must equal the port code reported on the Conveyance.	Port code on Manifest must Equal Port code on Conveyance.
I20	547	Port of report field is not valid.	Field is not Valid
I21	547	Port of Report field exceeds max length.	Element Length Exceeds Size Allowed.
I22	547	Trailer Group.	Field is not Valid.
I23	547	Trailer Group field exceeds length allowed.	Element Length Exceeds Size Allowed.
I24	547	Trailer Province/State code is not valid.	Field is not Valid.
I25	547	The Trailer Province/State code field exceeds length allowed.	Element Length Exceeds Size Allowed.
I26	547	Trailer License Number is not valid.	Field is not Valid.
I27	547	Trailer License Number Exceeds Max Length.	Element Length Exceeds Size Allowed.
I28	547	Related Cargo Group exceeds length allowed.	Element Length Exceeds Size Allowed.

Code Table # 1 -- EDI Responses/Error Codes

EDI Message Number	Group	Field Description	Outbound to Client Error Message (Message Text)
I29	547	Related Cargo Group Field is not valid.	Field is not Valid.
I30	547	Related Cargo control number field is not valid.	Field is not Valid.
I31	547	The Cargo control number is not valid.	Field is not Valid.
I32	547	Trailer Seal Number Group is not valid.	Field is not Valid.
I33	547	Trailer Seal Number Group exceeds length allowed.	Trailer Seal Number Group Exceeds Size Allowed.
I34	547	Seal number Trailer Group is not valid.	Field is not Valid.
I35	547	Seal number Trailer Group exceeds length allowed.	Element Length Exceeds Size Allowed.
I36	547	Container Seal Group exceeds length allowed.	Element Length Exceeds Size Allowed.
I37	547	Container Seal Group field is not valid.	Field is not Valid.
I38	547	Seal number field exceeds length allowed.	Element Length Exceeds Size Allowed.
I39	547	Seal number is not valid.	Field is not Valid.
I40	547	Container Group field exceeds size allowed.	Element Length Exceeds Size Allowed.
I41	547	Container Group field is not valid.	Field is not Valid.
I42	547	Container Initial is not valid.	Field is not Valid.
I43	547	The container initial length exceeds size allowed.	Element Length Exceeds Size Allowed.
I44	547	Container Number field is not valid.	Field is not Valid.
I45	547	Container Number Field exceeds max length.	Element Length Exceeds Size Allowed.
I46	539	At least one country of transshipment must be US.	At least one country of transshipment must be US.
I47	539	Country of Transshipment is mandatory when the country of export is not US.	Country of Export is not US, Country of Transshipment is Mandatory.
I48	539	The UN Dangerous Goods number is not valid.	UN Dangerous Goods number is not valid.
I49	539	The UN Dangerous Goods number exceeds max length.	Element Length Exceeds Size Allowed.
I50	539	Cargo Transship Group is not valid.	Field is not valid.
I51	539	Cargo Transship Group exceeds max length.	Element Length Exceeds Size Allowed.
I52	539	Transship Country Code.	Field is Mandatory.
I53	539	Transship Country Code.	Field is not valid.
I54	539	Transship Country Code.	Element Length Exceeds Size Allowed.
I55	539	A8A Cargo 539 Group.	Field is not valid.
I56	539	A8A Cargo 539 Group.	Element Length Exceeds Size Allowed.
I57	539	A8A cargo Detail 539 Group.	Field is not valid.
I58	539	A8A cargo Detail 539 Group.	Element Length Exceeds Size Allowed.
K27	TCP OO	Owner Operator Last Name not found.	Owner Operators Last Name not found. Delete not processed.

Code Table # 2 – PROVINCE/STATE CODES

Canadian Province Codes

Code	Description
AB	ALBERTA
BC	BRITISH COLUMBIA
MB	MANITOBA
NB	NEW BRUNSWICK
NL	NEWFOUNDLAND LABRADOR
NS	NOVA SCOTIA
NT	NORTHWEST TERRITORIES
NU	NUNAVUT
ON	ONTARIO
PE	PRINCE EDWARD ISLAND
QC	QUEBEC
SK	SASKATCHEWAN
YK	YUKON TERRITORY

U. S. State Codes

Code	Description
AK	Alaska
AL	Alabama
AR	Arkansas
AZ	Arizona
CA	California
CO	Colorado
CT	Connecticut
DC	Columbia (District of)
DE	Delaware
FL	Florida
GA	Georgia
HI	Hawaii
IA	Iowa
ID	Idaho
IL	Illinois
IN	Indiana
KS	Kansas
KY	Kentucky
LA	Louisiana
MA	Massachusetts
MD	Maryland
ME	Maine
MI	Michigan
MN	Minnesota
MO	Missouri
MS	Mississippi
MT	Montana
NC	North Carolina
ND	North Dakota
NE	Nebraska

Code Table # 2 – Province/State Codes

Code	Description
NH	New Hampshire
NJ	New Jersey
NM	New Mexico
NV	Nevada
NY	New York
OH	Ohio
OK	Oklahoma
OR	Oregon
PA	Pennsylvania
RI	Rhode Island
SC	South Carolina
SD	South Dakota
TN	Tennessee
TX	Texas
UT	Utah
VA	Virginia
VT	Vermont
WA	Washington (State of)
WI	Wisconsin
WV	West Virginia
WY	Wyoming

Code Table # 3 – COUNTRY CODES

Country Codes

Code	Description
AD	ANDORRA
AE	UNITED ARAB EMIRATES
AF	AFGHANISTAN
AG	ANTIGUA AND BARBUDA
AI	ANGUILLA
AL	ALBANIA
AM	ARMENIA
AN	NETHERLANDS ANTILLES
AO	ANGOLA
AQ	ANTARCTICA
AR	ARGENTINA
AS	AMERICAN SAMOA
AT	AUSTRIA
AU	AUSTRALIA
AW	ARUBA
AX	ALAND ISLANDS
AZ	AZERBAIJAN
BA	BOSNIA HERZEGOVINA
BB	BARBADOS
BD	BANGLADESH
BE	BELGIUM
BF	BURKINA FASO
BG	BULGARIA
BH	BAHRAIN
BI	BURUNDI
BJ	BENIN
BM	BERMUDA
BN	BRUNEI DARUSSALAM
BO	BOLIVIA
BR	BRAZIL
BS	BAHAMAS
BT	BHUTAN
BV	BOUVET ISLAND
BW	BOTSWANA
BY	BELARUS (RUSSIAN RUBLE)
BZ	BELIZE
CA	CANADA
CC	COCO (KEELING) ISLANDS
CD	DEMOCRATIC REPUBLIC OF CONGO
CF	CENTRAL AFRICAN REPUBLIC
CG	CONGO
CH	SWITZERLAND
CI	IVORY COAST
CK	COOK ISLANDS
CL	CHILE

Code Table # 3 -- Country Codes

Code	Description
CM	CAMEROON
CN	CHINA
CO	COLOMBIA
CR	COSTA RICA
CS	SERBIA and MONTENEGRO
CU	CUBA
CV	CAPE VERDE
CX	CHRISTMAS ISLAND
CY	CYPRUS
CZ	CZECH REPUBLIC
DE	GERMANY
DJ	DJIBOUTI
DK	DENMARK
DM	DOMINICA
DO	DOMINICAN REPUBLIC
DZ	ALGERIA
EC	ECUADOR
EE	ESTONIA
EG	EGYPT
EH	WESTERN SAHARA
ER	ERITREA
ES	SPAIN
ET	ETHIOPIA
FI	FINLAND
FJ	FIJI
FK	FALKLAND ISLANDS (MALVINAS)
FM	MICRONESIA
FO	FAEROE ISLANDS
FR	FRANCE
GA	GABON
GB	UNITED KINGDOM
GD	GRENADA
GE	GEORGIA
GF	FRENCH GUIANA
GH	GHANA
GI	GIBRALTAR
GL	GREENLAND
GM	GAMBIA
GN	GUINEA
GP	GUADELOUPE
GQ	EQUATORIAL GUINEA
GR	GREECE
GS	SOUTH GEORGIA
GT	GUATEMALA
GU	GUAM
GW	GUINEA-BISSAU
GY	GUYANA

Code Table # 3 -- Country Codes

Code	Description
HK	HONG KONG
HM	HEARD AND MCDONALD ISLANDS
HN	HONDURAS
HR	CROATIA
HT	HAITI
HU	HUNGARY
ID	INDONESIA
IE	IRELAND
IL	ISRAEL
IN	INDIA
IO	INDIAN OCEAN BRITISH TERRITORY
IQ	IRAQ
IR	IRAN (ISLAMIC REPUBLIC OF)
IS	ICELAND
IT	ITALY
JM	JAMAICA
JO	JORDAN
JP	JAPAN
KE	KENYA
KG	KYRGYZSTAN
KH	CAMBODIA
KI	KIRIBATI
KM	COMOROS
KN	ST.KITTS-NEVIS
KP	KOREA, DEMOCRATIC PEOPLES REP
KR	KOREA-REPUBLIC OF
KW	KUWAIT
KY	CAYMAN ISLANDS
KZ	KAZAKHSTAN
LA	LAO PEOPLES DEMOCRATIC REP.
LB	LEBANON
LC	SAINT LUCIA
LI	LIECHTENSTEIN
LK	SRI LANKA
LR	LIBERIA
LS	LESOTHO
LT	LITHUANIA
LU	LUXEMBOURG
LV	LATVIA
LY	LIBYAN ARAB JAMAHIRIYA
MA	MOROCCO
MC	MONACO
MD	MOLDOVA
MG	MADAGASCAR
MH	MARSHALL ISLANDS
MK	MACEDONIA
ML	MALI

Code Table # 3 -- Country Codes

Code	Description
MM	MYANMAR
MN	MONGOLIA
MO	MACAO
MP	NORTHERN MARIANA ISLANDS
MQ	MARTINIQUE
MR	MAURITANIA
MS	MONTSERRAT
MT	MALTA
MU	MAURITIUS
MV	MALDIVES
MW	MALAWI
MX	MEXICO
MY	MALAYSIA
MZ	MOZAMBIQUE
NA	NAMIBIA
NC	NEW CALEDONIA
NE	NIGER
NF	NORFOLK ISLAND
NG	NIGERIA
NI	NICARAGUA
NL	NETHERLANDS
NO	NORWAY
NP	NEPAL
NR	NAURU
NT	NEUTRAL ZONE
NU	NIUE
NZ	NEW ZEALAND
OM	OMAN
PA	PANAMA
PC	PACIFIC ISLANDS TRUST TERRITOR
PE	PERU
PF	FRENCH POLYNESIA
PG	PAPUA NEW GUINEA
PH	PHILIPPINES
PK	PAKISTAN
PL	POLAND
PM	ST. PIERRE AND MIQUELON
PN	PITCAIRN
PR	PUERTO RICO
PS	WEST BANK AND GAZA STRIP
PT	PORTUGAL
PU	U.S. MISC. PACIFIC ISLANDS
PW	PALAU
PY	PARAGUAY
QA	QATAR
RE	REUNION
RO	ROMANIA

Code Table # 3 -- Country Codes

Code	Description
RU	RUSSIAN FEDERATION
RW	RWANDA
SA	SAUDI ARABIA
SB	SOLOMON ISLANDS
SC	SEYCHELLES
SD	SUDAN
SE	SWEDEN
SG	SINGAPORE
SH	ST. HELENA
SI	REPUBLIC OF SLOVENIA
SJ	SVALBARD AND JAN MAYEN ISLANDS
SK	SLOVAK REPUBLIC
SL	SIERRA LEONE
SM	SAN MARINO
SN	SENEGAL
SO	SOMALIA
SR	SURINAME
ST	SAO TOME AND PRINCIPE
SV	EL SALVADOR
SY	SYRIAN ARAB REPUBLIC
SZ	SWAZILAND
TC	TURKS AND CAICOS ISLANDS
TD	CHAD
TF	FRENCH SOUTHERN TERRITORIES
TG	TOGO
TH	THAILAND
TJ	TAJIKISTAN
TK	TOKELAU
TL	TIMOR-LESTE
TM	TURKMENISTAN
TN	TUNISIA
TO	TONGA
TP	EAST TIMOR
TR	TURKEY
TT	TRINIDAD AND TOBAGO
TV	TUVALU
TW	TAIWAN
TZ	TANZANIA-UNITED REPUBLIC OF
UA	UKRAINE
UG	UGANDA
UM	UNITED STATES, MINOR OUTLYING
US	UNITED STATES
UY	URUGUAY
UZ	UZBEKISTAN
VA	VATICAN CITY STATE (HOLY SEE)
VC	ST. VINCENT AND THE GRENADINES
VE	VENEZUELA

Code Table # 3 -- Country Codes

Code	Description
VG	BRITISH VIRGIN ISLANDS
VI	VIRGIN ISLANDS U.S.
VN	VIETNAM
VU	VANUATU
WF	WALLIS AND FUTUNA ISLANDS
WS	SAMOA
XY	EUROPEAN UNION
YE	YEMEN
ZA	SOUTH AFRICA
ZM	ZAMBIA
ZW	ZIMBABWE

Code Table # 4 – CBSA OFFICE CODES

CODE TABLE # 4 - CBSA OFFICE CODES - Offices automated for release purposesSee also: <http://www.cbsa.gc.ca/contact/listing/indexpages/index1284-e.html#o431>

CODE	CBSA OFFICE NAME
ATLANTIC	
0009	Halifax
0010	Kentville
0011	Liverpool
0013	Lunenburg
0015	New Glasgow
0019	Port Hawkesbury
0020	Shelburne
0021	Sydney
0022	Truro
0025	Yarmouth
0101	Charlottetown
0102	Summerside
0201	Bathurst
0202	Dalhousie
0204	Fredericton
0206	Moncton
0207	Miramichi
0209	St. Andrews
0210	Saint John, New Brunswick
0211	St. Stephen
0212	Woodstock Road
0213	Edmundston

Code Table # 4 -CBSA OFFICE Codes

CODE	CBSA OFFICE NAME
0221	Caraquet
0224	Grand Manan
0900	Clareville
0910	Grand Falls, Newfoundland
0911	Corner Brook
0912	Gander
0913	Goose Bay
0914	St. John's, Newfoundland
0919	Fortune
0921	Argentia
0922	Harbour Grace
QUEBEC	
0301	Chicoutimi
0303	Drummondville
0304	Gaspé
0305	Granby
0308	Woburn
0312	Québec
0313	Rimouski
0314	Rock Island
0315	Shawinigan
0316	Sherbrooke
0317	Sorel
0318	Abercorn
0320	St-Hyacinthe

Code Table # 4 -CBSA OFFICE Codes

CODE	CBSA OFFICE NAME
0321	St-Jean
0322	Trois-Rivières
0323	Valleyfield
0327	Victoriaville
0328	St-Armand-Philipsburg
0329	Armstrong
0340	Rivière-du-Loup
0342	Joliette
0343	Lachute
0344	Montmagny
0345	Richmond
0346	St-Jérôme
0347	Thetford Mines
0349	Rouyn-Noranda
0350	Val-d'Or
0351	Lacolle
0354	Stanhope
0355	Baie-Comeau
0356	Cowansville
0361	Sept-Iles
0363	Cap-aux-Meules
0395	Montréal Main Long Room
0396	Montréal International Airport (Dorval)
0398	Montréal Intermediate Terminal (C.D.L.)
0399	Mirabel International Airport

CODE	CBSA OFFICE NAME
NORTHERN ONTARIO	
0400	Peterborough
0402	Belleville
0403	Iqaluit
0405	Brockville
0409	Cornwall
0420	Kingston
0428	North Bay
0431	Ottawa (Longroom)/Sufferance
0439	Prescott
0441	Sault Ste. Marie
0444	Sudbury
0449	Trenton
0456	Lansdowne
0461	Thunder Bay
0467	Timmins
0469	Pembroke
0470	Perth
0473	Cobourg
0474	Smiths Falls
0475	Pigeon River
0477	Lindsay
0478	Fort Frances
0485	Ottawa Air Cargo Centre (OACC) Macdonald-Cartier International Airport (MCIA)
0488	Rainy River

Code Table # 4 -CBSA OFFICE Codes

CODE	CBSA OFFICE NAME
0490	Kenora
0494	Arnprior
SOUTHERN ONTARIO	
0401	Kitchener
0404	Brantford
0406	Chatham
0414	Guelph
0417	Hamilton
0423	London
0424	Midland
0425	Stratford
0429	Orillia
0430	Oshawa
0442	Simcoe
0445	St. Catharines
0446	St. Thomas
0447	Tillsonburg
0448	Hanover
0450	Wallaceburg
0457	Cambridge
0458	Collingwood
0459	Barrie
0460	Bracebridge
0471	Port Colborne
0476	Oakville

Code Table # 4 -CBSA OFFICE Codes

CODE	CBSA OFFICE NAME
0480	Brampton
0482	Owen Sound
0483	Halton Hills
0486	Newmarket
0492	Woodstock
0495	Toronto Metro Operations Division
0496	Toronto Interport Sufferance Warehouse (Dixie)
0497	Toronto International Airport (Pearson)
0498	Toronto Mid-continent Truck Terminal (Queensway)
0499	Toronto Sufferance Truck Terminal (Kennedy Road)
NIAGARA FALLS/FORT ERIE	
0410	Fort Erie
0427	Niagara Falls
WINDSOR/ST. CLAIR	
0440	Sarnia
0452	Windsor Detroit/Canada Tunnel
0453	Windsor Ambassador Bridge
0454	Windsor - Main Office
0464	Leamington
PRAIRIE	
0502	Emerson
0504	Winnipeg Main Long Room
0510	Winnipeg International Airport
0511	Churchill
0512	Inuvik

Code Table # 4 -CBSA OFFICE Codes

CODE	CBSA OFFICE NAME
0601	Moose Jaw
0602	North Portal
0603	Prince Albert
0604	Regina
0605	Saskatoon
0701	Calgary
0702	Edmonton
0703	Lethbridge
0705	Coutts
0707	Carway
0708	Del Bonita
PACIFIC	
0801	Cranbrook
0804	Nanaimo
0807	Penticton
0808	Prince Rupert
0809	Vancouver Main Longroom
0811	Victoria
0813	Pacific Highway
0814	Kamloops
0817	Huntingdon
0818	Kingsgate
0819	Osoyoos
0820	Prince George
0821	Vancouver International Airport

Code Table # 4 -CBSA OFFICE Codes

CODE	CBSA OFFICE NAME
0823	Vernon
0824	Roosville
0825	Port Alberni
0826	Powell River
0827	Kitimat
0830	Courtenay
0831	Kelowna
0832	Paterson
0837	Sidney
0838	Campbell River
0839	Dawson Creek
0891	Pleasant Camp

Code Table # 5 – COUNTRY AND CURRENCY CODES

CODE TABLE # 5 -- COUNTRY AND CURRENCY CODES
(Including U.S. STATE CODES)

CODE	COUNTRY	CODE	CURRENCY #1	CODE	CURRENCY #2	CODE	CURRENCY #3
AF	Afghanistan	AFA	Afghani				
AX	Åland Islands	EUR	EURO				
AL	Albania	ALL	Lek				
DZ	Algeria	DZD	Algerian Dinar				
AS	American Samoa	USD	US Dollar				
AD	Andorra	ESP	Spanish Peseta	FRF	French Franc	ADP	Andorran Peseta
AO	Angola	AON	New Kwanza				
AI	Anguilla	XCD	East Caribbean Dollar				
AQ	Antarctica	USD	US Dollar				
AG	Antigua and Barbuda	XCD	East Caribbean Dollar				

CODE TABLE # 5 – COUNTRY AND CURRENCY CODES

CODE	COUNTRY	CODE	CURRENCY #1	CODE	CURRENCY #2	CODE	CURRENCY #3
AR	Argentina	ARS	Argentine Peso				
AM	Armenia	RUR	Russian Ruble				
AW	Aruba	ANG	Netherland Guilder				
AU	Australia	AUD	Australian Dollar				
AT	Austria	ATS	Schilling	EUR	Euro Dollars		
AZ	Azerbaijan	RUR	Russian Ruble				
BS	Bahamas	BSD	Bahamian Dollar				
BH	Bahrain	BHD	Bahraini Dinar				
BD	Bangladesh	BDT	Taka				
BB	Barbados	BBD	Barbados dollar				
BY	Belarus	RUR	Russian Ruble				
BE	Belgium	BEF	Belgian Franc	EUR	Euro Dollars		
BZ	Belize	BZD	Belize Dollar				
BJ	Benin	XOF	CFA Franc BCEAO				
BM	Bermuda	BMD	Bermuda Dollar	USD	US Dollar		
BT	Bhutan	INR	Indian Rupee	BTN	Ngultrum		
BO	Bolivia	BOP	Bolivian Peso				
BA	Bosnia and Hercegovina	USD	US Dollar				
BW	Botswana	BWP	Pula				
BV	Bouvet Island	NOK	Norwegian Krone				
BR	Brazil	BRL	Brazilian Real				
IO	British Indian Ocean	USD	US Dollar				

CODE TABLE # 5 – COUNTRY AND CURRENCY CODES

CODE	COUNTRY	CODE	CURRENCY #1	CODE	CURRENCY #2	CODE	CURRENCY #3
	Territory						
BN	Brunei Darussalam	BND	Brunei Dollar				
BG	Bulgaria	BGL	Lev				
BF	Burkina Faso	XOF	CFA Franc BCEAO				
BI	Burundi	BIF	Burundi Franc				
KH	Cambodia	USD	US Dollar				
CM	Cameroon	XAF	CFA Franc BEAC				
CA	Canada	CAD	Canadian Dollar				
CV	Cape Verde	CVE	Cape Verde Escudo				
KY	Cayman Islands	KYD	Cayman Islands Dollar				
CF	Central African Republic	XAF	CFA Franc BEAC				
TD	Chad	XAF	CFA Franc BEAC				
CL	Chile	CLP	Chilean Peso				
CN	China	CNY	Yuan Renminbi				
CX	Christmas Island	AUD	Australian Dollar				
CC	Cocos (Keeling) Islands	AUD	Australian Dollar				
CO	Colombia	COP	Colombian Peso				
KM	Comoros	XAF	Comoro Franc				
CG	Congo	XAF	CFA Franc BEAC				
CD	Congo, Democratic Republic	CDF	Franc Congo				
CK	Cook Islands	NZD	New Zealand Dollar				

CODE TABLE # 5 – COUNTRY AND CURRENCY CODES

CODE	COUNTRY	CODE	CURRENCY #1	CODE	CURRENCY #2	CODE	CURRENCY #3
CR	Costa Rica	CRC	Costa Rican Colon				
HR	Croatia	USD	US Dollar				
CU	Cuba	CUP	Cuban Peso				
CY	Cyprus	CYP	Cyprus Pound				
CZ	Czech Republic	CZK	Czech koruna				
DK	Denmark	DKK	Danish Krone				
DJ	Djibouti	DJF	Djibouti Franc				
DM	Dominica	XCD	East Caribbean Dollar				
DO	Dominican Republic	DOP	Dominican Peso				
TP	East Timor	TPE	Timor Escudo	IDR	Rupiah		
EC	Ecuador	ECS	Sucre				
EG	Egypt	EGP	Egyptian Pound				
SV	El Salvador	SVC	El Salvador Colon				
GQ	Equatorial Guinea	ESP	Spanish peseta				
ER	Eritrea	RUR	Russian Ruble				
EE	Estonia	EEK	Kroon				
ET	Ethiopia	ETB	Ethiopian Birr				
FK	Falkland Islands (Malvinas)	GBP	Pound Sterling				
FO	Faroe Islands	DKK	Danish Krone				
FJ	Fiji	FJD	Fiji Dollar				
FI	Finland	FIM	Markka	EUR	Euro Dollars		

CODE TABLE # 5 – COUNTRY AND CURRENCY CODES

CODE	COUNTRY	CODE	CURRENCY #1	CODE	CURRENCY #2	CODE	CURRENCY #3
FR	France	FRF	French Franc	EUR	Euro Dollars		
GF	French Guiana	FRF	French Franc				
PF	French Polynesia	XPF	CFP Franc				
TF	French Southern Territories	FRF	French Franc				
GA	Gabon	XAF	CFA Franc BEAC				
GM	Gambia	GMD	Dalasi				
GE	Georgia	RUR	Russian Ruble				
GS	Georgia (South)	GBP	Pound Sterling				
DE	Germany	DEM	Deutsche Mark	EUR	Euro Dollars		
GH	Ghana	GHC	Cedi				
GI	Gibraltar	GBP	Pound Sterling				
GR	Greece	GRD	Drachma				
GL	Greenland	DKK	Danish Krone				
GD	Grenada	XCD	East Caribbean Dollar				
GP	Guadeloupe	FRF	French Franc				
GU	Guam	USD	US Dollar				
GT	Guatemala	GTQ	Quetzal				
GN	Guinea	GNF	Franc				
GW	Guinea-Bissau	GWP	Guinea-Bissau Peso	XOF	CFA Franc BCEAO		
GY	Guyana	GYD	Guyana Dollar				
HT	Haiti	HTG	Gourde	USD	US Dollar		

CODE TABLE # 5 – COUNTRY AND CURRENCY CODES

CODE	COUNTRY	CODE	CURRENCY #1	CODE	CURRENCY #2	CODE	CURRENCY #3
HM	Heard and McDonald Islands	AUD	Australian Dollar				
HN	Honduras	HNL	Lempira				
HK	Hong Kong	HKD	Hong Kong Dollar				
HU	Hungary	HUF	Forint				
IS	Iceland	ISK	Iceland Krona				
IN	India	INR	Indian Rupee				
ID	Indonesia	IDR	Rupiah				
IR	Iran (Islamic Republic of)	IRR	Iranian Rial				
IQ	Iraq	IQD	Iraqi Dinar				
IE	Ireland	IEP	Irish Pound	EUR	Euro Dollars		
IL	Israel	ILS	New Israeli Shekel				
IT	Italy	ITL	Italian Lira	EUR	Euro Dollars		
CI	Ivory Coast	XOF	Franc CFA BCEAO				
JM	Jamaica	JMD	Jamaican Dollar				
JP	Japan	JPY	Yen				
JO	Jordan	JOD	Jordanian Dinar				
KZ	Kazakhstan	RUR	Russian Ruble				
KE	Kenya	KES	Kenyan Shilling				
KI	Kiribati	AUD	Australian Dollar				
KP	Korea, Democratic People's Republic of	KPW	North Korean Won				

CODE TABLE # 5 – COUNTRY AND CURRENCY CODES

CODE	COUNTRY	CODE	CURRENCY #1	CODE	CURRENCY #2	CODE	CURRENCY #3
KR	Korea, Republic of	KRW	Won				
KW	Kuwait	KWD	Kuwaiti Dinar				
KG	Kyrgyzstan	RUR	Russian Ruble				
LA	Laos, People's Democratic Republic	LAK	Kip				
LV	Latvia	RUR	Russian Ruble				
LB	Lebanon	LBP	Lebanese Pound				
LS	Lesotho	ZAR	Rand	LSL	Loti		
LR	Liberia	USD	US Dollar				
LY	Libya, Arab Jamahiriya	LYD	Libyan Dinar				
LI	Liechtenstein	CHF	Swiss Franc				
LT	Lithuania	RUR	Russian Ruble				
LU	Luxembourg	LUF	Luxembourg Franc	EUR	Euro Dollars		
MO	Macao	MOP	Pataca				
MK	Macedonia	USD	US Dollar				
MG	Madagascar	MGF	Malagasy Franc				
MW	Malawi	MWK	Kwacha				
MY	Malaysia	MYR	Malaysian Ringgit				
MV	Maldives	MVR	Rufiyaa				
ML	Mali	XOF	CFA Franc BCEAO				
MT	Malta	MTL	Maltese Lira				
MH	Marshall Islands	USD	US Dollar				

CODE TABLE # 5 – COUNTRY AND CURRENCY CODES

CODE	COUNTRY	CODE	CURRENCY #1	CODE	CURRENCY #2	CODE	CURRENCY #3
MQ	Martinique	FRF	French Franc				
MR	Mauritania	MRO	Ouguiya				
MU	Mauritius	MUR	Mauritius Rupee				
MX	Mexico	MXN	Mexican Nuevo Peso				
FM	Micronesia	USD	US Dollar				
MD	Moldova, Rep. of	RUR	Russian Ruble				
MC	Monaco	FRF	French Franc				
MN	Mongolia	MNT	Tugrik				
MS	Montserrat	XCD	East Caribbean Dollar				
MA	Morocco	MAD	Moroccan Dirham				
MZ	Mozambique	MZM	Mozambique Metical				
MM	Myanmar	MMK	Kyat				
NA	Namibia	NAD	Namibian Dollar	ZAR	South African Rand		
NR	Nauru	AUD	Australian Dollar				
NP	Nepal	NPR	Nepalese Rupee				
NL	Netherlands	NLG	Netherlands Guilder	EUR	Euro Dollars		
AN	Netherlands Antilles	ANG	Netherlands Antillian Guilder				
NT	Neutral Zone	KWD	Kuwaiti Dinar				
NC	New Caledonia	XPF	CFP Franc				
NZ	New Zealand	NZD	New Zealand Dollar				
NI	Nicaragua	NIO	Cordoba Oro				

CODE TABLE # 5 – COUNTRY AND CURRENCY CODES

CODE	COUNTRY	CODE	CURRENCY #1	CODE	CURRENCY #2	CODE	CURRENCY #3
NE	Niger	XOF	CFA Franc BCEAO				
NG	Nigeria	NGN	Naira				
NU	Niue	NZD	New Zealand Dollar				
NF	Norfolk Island	AUD	Australian Dollar				
MP	Northern Mariana Islands	USD	US Dollar				
NO	Norway	NOK	Norwegian Krone				
OM	Oman	OMR	Rial Omani				
PC	Pacific Islands Trust Territory	USD	US Dollar				
PK	Pakistan	PKR	Pakistan Rupee				
PW	Palau	USD	US Dollar				
PA	Panama	PAB	Balboa	USD	US Dollar		
PG	Papua New Guinea	PGK	Kina				
PY	Paraguay	PYG	Guarani				
PE	Peru	PEN	Nuevo Sol				
PH	Philippines	PHP	Phillipine Peso				
PN	Pitcairn	NZD	New Zealand Dollar				
PL	Poland	PLZ	Zloty				
PT	Portugal	PTE	Portugese Escudo	EUR	Euro Dollars		
PR	Puerto Rico	USD	US Dollar				
QA	Qatar	QAR	Qatari Rial				
RE	Reunion	FRF	French Franc				

CODE TABLE # 5 – COUNTRY AND CURRENCY CODES

CODE	COUNTRY	CODE	CURRENCY #1	CODE	CURRENCY #2	CODE	CURRENCY #3
RO	Romania	ROL	Leu				
RU	Russian Federation	RUR	Russian Ruble				
RW	Rwanda	RWF	Rwanda Franc				
SH	St. Helena	GBP	Pound Sterling				
KN	St. Kitts-Nevis	XCD	East Caribbean Dollar				
LC	Saint Lucia	XCD	East Caribbean Dollar				
PM	St. Pierre and Miquelon	FRF	French Franc				
VC	St. Vincent and the Grenadines	XCD	East Caribbean Dollar				
WS	Samoa	WST	Tala				
SM	San Marino	ITL	Italian Lira				
ST	Sao Tome and Principe	STD	Dobra				
SA	Saudi Arabia	SAR	Saudi Riyal				
SN	Senegal	XOF	CFA Franc BCEAO				
CS	Serbia and Montenegro	CSD	Serbian Dinar				
SC	Seychelles	SCR	Seychelles Rupee				
SL	Sierra Leone	SLL	Leone				
SG	Singapore	SGD	Singapore Dollar				
SK	Slovak Republic	SKK	Slovakian Koruna				
SI	Slovenia (Republic of)	SIT	Tolar				
SB	Solomon Islands	AUD	Australian Dollar				
SO	Somalia	SOS	Somali Shilling				

CODE TABLE # 5 – COUNTRY AND CURRENCY CODES

CODE	COUNTRY	CODE	CURRENCY #1	CODE	CURRENCY #2	CODE	CURRENCY #3
ZA	South Africa	ZAR	Rand				
GS	South Georgia	GBP	Pound Sterling				
ES	Spain	ESP	Spanish Peseta	EUR	Euro Dollars		
LK	Sri Lanka	LKR	Sri Lanka Rupee				
SD	Sudan	SDD	Sudanese Dinar				
SR	Suriname	SRG	Suriname Guilder				
SJ	Svalbard and Jan Mayen Islands	NOK	Norwegian Krone				
SZ	Swaziland	SZL	Lilangeni	ZAR	South African Rand		
SE	Sweden	SEK	Swedish Krona				
CH	Switzerland	CHF	Swiss Franc				
SY	Syrian, Arab Republic	SYP	Syrian Pound				
TW	Taiwan, Province of China	TWD	New Taiwan Dollar				
TJ	Tajikistan	RUR	Russain Ruble				
TZ	Tanzania, United Republic of	TZS	Tanzanian Shilling				
TH	Thailand	THB	Baht				
TL	Timor-Leste	USD	US Dollar				
TG	Togo	XOF	CFA Franc BCEAO				
TK	Tokelau	NZD	New Zealand Dollar				
TO	Tonga	TOP	Pa'anga				
TT	Trinidad and Tobago	TTD	Trinidad & Tobago Dollar				

CODE TABLE # 5 – COUNTRY AND CURRENCY CODES

CODE	COUNTRY	CODE	CURRENCY #1	CODE	CURRENCY #2	CODE	CURRENCY #3
TN	Tunisia	TND	Tunisian Dinar				
TR	Turkey	TRL	Turkish Lira				
TM	Turkmenistan	RUR	Russian Ruble				
TC	Turks and Caicos Islands	USD	US Dollar				
TV	Tuvalu	AUD	Australian Dollar				
UG	Uganda	UGS	Uganda Shilling				
UA	Ukraine	UAH	Hryvnia				
AE	United Arab Emirates	AED	UAE Dirham				
GB	United Kingdom	GBP	Pound Sterling				
US	United States	USD	US Dollar				
UAL	Alabama	USD	US Dollar				
UAK	Alaska	USD	US Dollar				
UAZ	Arizona	USD	US Dollar				
UAR	Arkansas	USD	US Dollar				
UCA	California	USD	US Dollar				
UCO	Colorado	USD	US Dollar				
UDC	Columbia (District of)	USD	US Dollar				
UCT	Connecticut	USD	US Dollar				
UDE	Delaware	USD	US Dollar				
UFL	Florida	USD	US Dollar				
UGA	Georgia	USD	US Dollar				
UHI	Hawaii	USD	US Dollar				

CODE TABLE # 5 – COUNTRY AND CURRENCY CODES

CODE	COUNTRY	CODE	CURRENCY #1	CODE	CURRENCY #2	CODE	CURRENCY #3
UID	Idaho	USD	US Dollar				
UIL	Illinois	USD	US Dollar				
UIN	Indiana	USD	US Dollar				
UIA	Iowa	USD	US Dollar				
UKS	Kansas	USD	US Dollar				
UKY	Kentucky	USD	US Dollar				
ULA	Louisiana	USD	US Dollar				
UME	Maine	USD	US Dollar				
UMD	Maryland	USD	US Dollar				
UMA	Massachusetts	USD	US Dollar				
UMI	Michigan	USD	US Dollar				
UMN	Minnesota	USD	US Dollar				
UMS	Mississippi	USD	US Dollar				
UMO	Missouri	USD	US Dollar				
UMT	Montana	USD	US Dollar				
UNE	Nebraska	USD	US Dollar				
UNV	Nevada	USD	US Dollar				
UNH	New Hampshire	USD	US Dollar				
UNJ	New Jersey	USD	US Dollar				
UNM	New Mexico	USD	US Dollar				
UNY	New York	USD	US Dollar				
UNC	North Carolina	USD	US Dollar				

CODE TABLE # 5 – COUNTRY AND CURRENCY CODES

CODE	COUNTRY	CODE	CURRENCY #1	CODE	CURRENCY #2	CODE	CURRENCY #3
UND	North Dakota	USD	US Dollar				
UOH	Ohio	USD	US Dollar				
UOK	Oklahoma	USD	US Dollar				
UOR	Oregon	USD	US Dollar				
UPA	Pennsylvania	USD	US Dollar				
URI	Rhode Island	USD	US Dollar				
USC	South Carolina	USD	US Dollar				
USD	South Dakota	USD	US Dollar				
UTN	Tennessee	USD	US Dollar				
UTX	Texas	USD	US Dollar				
UUT	Utah	USD	US Dollar				
UVT	Vermont	USD	US Dollar				
UVA	Virginia	USD	US Dollar				
UWA	Washington (State of)	USD	US Dollar				
UWV	West Virginia	USD	US Dollar				
UWI	Wisconsin	USD	US Dollar				
UWY	Wyoming	USD	US Dollar				
UM	United States Minor Outlying Islands	USD	US Dollar				
UY	Uruguay	UYU	Uruguayo				
UZ	Uzbekistan	RUR	Russian Ruble				
VU	Vanuatu	VUV	Vatu				

CODE TABLE # 5 – COUNTRY AND CURRENCY CODES

CODE	COUNTRY	CODE	CURRENCY #1	CODE	CURRENCY #2	CODE	CURRENCY #3
VA	Vatican City State (Holy See)	ITL	Italian Lira				
VE	Venezuela	VEB	Bolivar				
VN	Viet Nam	VND	Dong				
VG	Virgin Islands, British	USD	US Dollar				
VI	Virgin Islands, U.S.	USD	US Dollar				
WF	Wallis and Futuna Islands	XPF	CFP Franc				
EH	Western Sahara	MAD	Moroccan Dirham				
PS	Westbank and GazaStrip	ILS	New Israeli Shek				
YE	Yemen, Republic of	YER	Yemeni Rial				
ZM	Zambia	ZMK	Kwacha				
ZW	Zimbabwe	ZWD	Zimbabwe Dollar				

Code Table # 6 – UNIT OF MEASURE CODES

Table # 6 (a) -- Unit of Measure Codes

CODE	UNIT NAME
LENGTH	
MMT	Millimeter
CMT	Centimetre
DMT	Decimetre
MTR	Metre
HMT	Hectometre
KMT	Kilometre
MAM	Megametre
AREA	
MMK	Square Millimetre
CMK	Square Centimetre
DMK	Square Decimetre
MTK	Square Metre
KMK	Square Kilometre
VOLUME/CAPACITY	
MMQ	Cubic Millimetre
CMQ	Cubic Centimetre
DMQ	Cubic Decimetre
MTQ	Cubic Metre
TMQ	Thousand Cubic Metres
HMQ	Million Cubic Metres
MLT	Millilitre
CLT	Centilitre
DLT	Decilitre
LTR	Litre
HLT	Hectolitre
MAL	Megalitre
LPA	Litre, Pure Alcohol

Code Table # 6 – Unit of Measure Codes

CODE	UNIT NAME
HPA	Hectolitre, Pure Alcohol
NUMBER	
PCE	Piece
NMB	Number
CEN	Hundred
MIL	Thousand
MIO	Million
DZN	Dozen
SCO	Score
GRO	Gross
GGR	Great Gross
NAP	Number of Packs
PAR	Pair
DPR	Dozen Pairs
NPL	Number of Parcels
SET	Number of Sets

OTHER	
JOU	Joule
KJO	Kilojoule
WHR	Watt-Hour
KWH	Kilowatt-Hour
MWH	Megawatt-Hour
GWH	Gigawatt-Hour
WTT	Watt
KWT	Kilowatt
MAW	Megawatt
KVA	Kilovolt-Ampere
MVA	Megavolt-Ampere
CCI	Curies
MCI	Millicurie

Code Table # 6 – Unit of Measure Codes

BKG	Bulk bag
BOT	Bottle
FLX	Liner Bag Liquid
FRM	Frame
SBC	Liner Bag Dry
TSD	Ton - 90% Air Dry
GBQ	Gigabecquerel
MBQ	Megabecquerel

Table # 6 (b) -- Unit of Measure Codes – Weight

WEIGHT	
CTM	Metric Carat
MGM	Milligram
GRM	Gram
HGM	Hectogram
KGM	Kilogram
KNS	Kilogram of Named Substance
KSD	Kilogram -- 90% Air Dry
DTN	Deciton
TNE	Metric Ton
TSD	Metric Ton Air Dry
KTN	Kiloton

Code Table # 7 – SHIPMENT QUANTITY QUALIFIER CODES

**CODE TABLE # 7 -- SHIPMENT QUANTITY QUALIFIER CODES
USING ANSI X.12 3030 - 103 PACKING CODE**

CODE	VALUE	EXPLANATION
AMM	Ammo Pack	
ATH	Attachment	In containers & shipping devices, a component that can be added to provide additional functionality or security as required by the contents of method of transportation/handling
BAG	Bag	Flexible packaging of single or multiple layers or plies generally enclosed on all sides except one forming an opening that may or may not be sealed after filling
BAL	Bale	Shaped unit of compressed articles or materials bound with cord, strapping or metal ties under tension. It may also be wrapped.
BBL	Barrel	Packaging of circular cross-section with greater length than breadth, with convex sides and two flat ends of equal diameter (normally made of wooden staves bound together with hoops)
BDG	Banding	Something that binds, ties, or encircles the package/container to secure & maintain unit integrity
BDL	Bundle	Number of articles bound with materials under tension, which may also be wrapped
BEM	Beam	
BIC	Bing Chest	
BIN	Bin	
BKG	Bulk Bag	A large sized flexible, intermediate bulk container; the side walls are flexible; it's made of fabric; when filled, it takes on the shape of what you put inside
BLE	Bale	Shaped unit of compressed articles or materials bound with cord, strapping

Code Table #7 – Shipment Quantity Qualifier Codes

CODE	VALUE	EXPLANATION
		or metal ties under tension. It may also be wrapped.
BLK	Bulk	
BLT	Belting	As pertains to containers & shipping devices, a method of securing the contents to the conveyance device (or securing components of the shipping device to each other) using one or more bands of flexible material having high-tensile strength and a buckle or ratchet device for removing slack and maintaining tension
BOB	Bobbin	
BOT	Bottle	A container having a round neck of relatively smaller diameter than the body with an opening that can be fitted with lid; it does not have a handle
BOX	Box	Packaging with rectangular or polygonal sides usually completely enclosing the contents (sides may contain apertures for handling or ventilation)
BRC	Bracing	Material or devices used to hold articles or sections of leads in position to prevent shifting during transportation
BRG	Barge	
BSK	Basket or hamper	
BXI	Box, with inner container	
BXT	Bucket	
CAB	Cabinet	
CAG	Cage	
CAN	Can	Small primary packaging, usually cylindrical and usually made of metal
CAR	Carrier	
CAS	Case	Non-specific term for a transport packaging, often used to refer to a box
CBC	Containers of Bulk Cargo	

Code Table #7 – Shipment Quantity Qualifier Codes

CODE	VALUE	EXPLANATION
CBY	Carboy	
CCS	Can Case	
CHE	Cheeses	
CHS	Chest	
CLD	Car Load, Rail	
CNA	Container	Household Goods Containers, Wood
CNB	Container	MAC-ISO (Military Airlift Container – International Standards Organization) Light Weight 8X8X20 Foot Air
CNC	Container	Navy Cargo Transporter
CND	Container	Commercial Highway Lift
CNE	Container	Engine Containers
CNF	Container	Multiwall Containers Secured to Warehouse Pallet
CNT	Container	
CNX	Connex	Container Express – An 8X8X8-foot container used for packaging and shipping military material
COL	Coil	
CON	Cones	
COR	Core	
CRD	Cradle	
CRF	Corner Reinforcement	Usually in boxes or crates, additional material or components attached to adjacent panels to add support or prevent crushing or separation
CRT	Crate	Transport packaging with incomplete surfaces
CSK	Cask	

Code Table #7 – Shipment Quantity Qualifier Codes

CODE	VALUE	EXPLANATION
CTN	Carton	Folding collapsible packaging generally made from boxboard
CUB	Cube	A box that has a « bladder » (poly-formed bladder) inside ; it has an opening similar to bottle ; the interior bladder is flexible not rigid
CYL	Cylinder	
DBK	Dry Bulk	
DRK	Double-length Rack	
DRM	Drum	A large container with a cylindrical shape; top may have removable or sealed top sides may be fibreboard or metal (barrels are not classified as drums)
DSK	Double-length Skid	
DTB	Double-length Tote Bin	
DUF	Duffle Bag	
EGG	Egg Crating	In containers and shipping devices, usually describes a type of interior dunnage which allows the contents to be individually segregated, horizontally and vertically, to provide protection during transportation and storage
ENV	Envelope	
EPR	Edge Protection	A right-angle piece placed over the outermost perimeter edges of a container to distribute pressure and prevent collapse or cutting
FIR	Firkin	
FLO	Flo-bin	
FLX	Liner Bag Liquid	A rubber liner used in a standard container for liquid material
FRM	Frame	
FSK	Flask	

Code Table #7 – Shipment Quantity Qualifier Codes

CODE	VALUE	EXPLANATION
FWR	Forward Reel	
GOH	Garments on Hangers	
HED	Heads of Beef	
HGH	Hogshead	
HPR	Hamper	
HPT	Hopper Truck	
HRB	On Hanger or Rack in Boxes	
HRK	Half-standard Rack	
HTB	Half-Standard Tote Bin	
JAR	Jar	Small rigid packaging of glass, plastic or earthenware with a wide mouth
JUG	Jug	A bottle (usually ½ gallon or larger) fitted with a handle
KEG	Keg	
KIT	Kit	
KRK	Knockdown Rack	
KTB	Knockdown Tote Bin	
LBK	Liquid Bulk	
LID	Lip/Top	In packaging, the top or bottom of a container, usually the part that closes the opening; may also be known as cap, over, or top
LIF	Lifts	
LNR	Liners	Any material that separates a product within a container from the basic walls of the container
LOG	Log	

Code Table #7 – Shipment Quantity Qualifier Codes

CODE	VALUE	EXPLANATION
LSE	Loose	
LUG	Lug	
LVN	Lift Van	
MIX	Mixed Container Types	More than one type of container is included in a shipment (shipment could consist of 3 pieces that include 1 box, 1 crate, 1 basket)
MLV	MILVAN	Military Van – A 20-foot transportation van that conforms to ISO standards
MRP	Multi-Roll Pack	
MSV	MSCVAN	Military Sealift Command Van – A 35-foot transportation Van
MXD	Mixed Type Pack	Mixed Type Pack
NOL	Noil	
OVW	Overwrap	A cardboard bottom is put down on a pallet ; the bags are stacked in layers ; the top of the cardboard slides down over the bags to meet the bottom ; if any of the bags tear, the product always stays inside the cardboard
PAF	Pallet - 4 Way	A pallet that permits entry of handling equipment on each of its four sides
PAL	Pail	Packaging of circular cross section, tapered and equipped with a lid and usually a handle (does not apply to transport of dangerous goods)
PAT	Pallet - 2 Way	A pallet that permits entry of handling equipment on opposing two of its four sides
PCE	Piece	
PCK	Packed - not otherwise specified	
PCS	Pieces	
PIR	Pims	
PKG	Package	Package - not otherwise specified - (Use for waffle pack or other secondary packaging types that do not have a code assigned yet)

Code Table #7 – Shipment Quantity Qualifier Codes

CODE	VALUE	EXPLANATION
PLC	Primary Lift Container	The largest (outermost) utilized package or articles secured together that can be handled (usually mechanically) in common shop floor/warehouse applications as a single entity; "primary" indicates preferred or mandatory
PLF	Platform	
PLL	Air Pallet	463L Air Pallet
PLN	Pipeline	
PLT	Pallet	
POV	Private Vehicle	
PRK	Pipe Rack	
PRT	Partitioning	The proceeds of applying separators or dividers
QTR	Quarter of Beef	
RAL	Rail (Semiconductor)	
RCK	Rack	
REL	Reel	
RFT	Reinforcement	In containers and shipping devices, a component (usually temporary) added to a container for a particular application to lend additional support under severe applications
ROL	Roll	
RVR	Reverse Reel	
SAK	Sack	Flexible packaging of single or multiple layers or plies generally enclosed on all sides except one forming an opening that may or may not be sealed after filling
SBC	Liner Bag Dry	A plastic liner used in container designed for the carriage of dry free-flowing material

Code Table #7 – Shipment Quantity Qualifier Codes

CODE	VALUE	EXPLANATION
SCS	Suitcase	
SHK	Shook	A set of staves and headings sufficient in number for one hogshead, cask, barrel, or the like, trimmed, and bound together in compact form. A set of boards for a sugar box. The parts of a piece of house furniture, as a bedstead, packed together.
SHT	Sheet	A thin layer of material usually used as a pad for extra protection by isolating/separating tiers or layers of parts within the package
SHW	Shrink Wrapped	A method of grouping products together for shipment by wrapping the grouping with a plastic wrap to keep them together during shipment
SID	Side of Beef	
SKD	Skid	
SKE	Skid, elevating or lift truck	
SLP	Slip Sheet	Shipping containers utilizing slip sheets, which are cardboard platforms used to hold product for storage or transportation
SLV	Sleeve	
SPI	Spin Cylinders	
SPL	Spool	
SPR	Separator/Divider	In packaging, any material inserted between tiers or layers of articles to prevent contact and provide protection
SVN	Sea Van	A commercial or military 40-foot transportation container that conforms to ISO standards
TBE	Tube	
TBN	Tote Bin	
TKR	Tank Car	
TKT	Tank Truck	

Code Table #7 – Shipment Quantity Qualifier Codes

CODE	VALUE	EXPLANATION
TLD	Intermodal Trailer/Container Load (Rail)	
TNK	Tank	
TRC	Tierce	
TRI	Triwall Box	A sturdy box made of three-ply cardboard
TRK	Trunk and Chest	
TRU	Truck	
TRY	Tray	
TSS	Trunk, Salesmen Sample	
TTC	Tote Can	A reusable stainless steel container with handles; used for liquid material
TUB	Tub	
UNP	Unpacked	
UNT	Unit	
VEH	Vehicles	
VPK	Van Pack	
WHE	On Own Wheel	
WLC	Wheeled Carrier	
WRP	Wrapped	

Code Table # 8 – SUB-LOCATION CODES (WAREHOUSE ID.)

CODE TABLE # 8

Call the ECU at 1-888-957-7224 for the most up-to-date Sub-Location Codes (Warehouse ID.)

Code Table # 9 – UN DANGEROUS GOODS

This code table can be found at the following link:

http://www.unece.org/trans/danger/publi/unrec/rev13/13files_e.html