

**Implementation Guide to
Confirmation (Ocean)**

EDI 301

Version 003030

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**Contact our eBusiness Customer Support
team**

at 1-800-361-0198

or by email at *eBusiness@cn.ca*

www.cn.ca



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CN EDI 301 Confirmation (Ocean) Implementation Guide

This CN EDI 301 Confirmation (Ocean) Implementation Guide and accompanying CN EDI 301 - Confirmation (Ocean) mapping spreadsheet are intended to guide and assist Ocean Carriers in the implementation with CN.

Purpose of EDI 301 Transaction

Ocean Carriers transmit the EDI 301 to advise CN of Export Bookings for which CN Intermodal may release empty containers stored at CN terminals, receive loaded containers and transport by rail to a Port of Loading. These Export Bookings are processed in CN's Service Reliability Strategy (SRS) system. On line access to these Export Bookings to monitor status and equipment applied is provided to Ocean Carrier personnel via CN's Intermodal Direct customer system.

EDI Version & Guidelines

The version is 003030 and closely complies with the official published Guidelines of the Information Systems Agreement, Standards Work Group. CN can also accept version 004010.

Mapping Documentation

See the document CN EDI 301 - Confirmation (Ocean) mapping spreadsheet for applicable coding and mapping structure.

Customized Formats

It is entirely the responsibility of the Sender of the 301 who requires coding or mapping structure other than expressly written in the Guidelines and here in the CN Implementation documents to have the necessary changes performed at their system or through a Value Added Network.

Systems Availability

CN's SRS system and EDI pipeline systems are available on average over twenty two hours per day to process incoming EDI 301 messages. Systems maintenance outages are scheduled in generally low activity times in the early morning hours of Eastern Time. Transmissions received during this time are queued for processing.

CN Contact

Telephone CN Customer Information Services at 1-800-361-0198.

CN provides an electronic-mail address for Ocean Carriers to provide updates for tables such as changes in their vessel fleet, and for other information or inquiry. The CN Electronic Customer Information E-Mail address is CN-ECI or Internet address cn-eci@cn.ca.

Functional Acknowledgment

A key issue in the exchange of electronic data is the confirmation between the sender and receiver that the data is successfully sent and received. To ensure each 301 was received successfully CN will output to the Sender an EDI 997 Functional Acknowledgment message within one hour following reception of the 301.

EDI Acknowledgment Report

Available in CN's Intermodal Direct customer system, the EDI Acknowledgment Report provides up to the minute information on the status of EDI bookings processed SRS. Bookings can be Accepted, Accepted with Warnings or Rejected. It is the responsibility of the 301 Sender to monitor the EDI Acknowledgment Report and take corrective action as required either directly in the Intermodal Direct Export Booking option or by sending a corrected EDI 301 transmission.

Industry Standard Values

The CN EDI 301 has been designed to use industry standard values without usage of proprietary codes of CN or Ocean Carrier.

Key data tables are:

Lloyds Vessel Code : CN maintains a table of Vessels as provided by each Ocean Carrier.

ISO Code: CN maintains a table of ISO codes with corresponding container size and type. This table is available upon request.

Standard Point Location Code (SPLC): CN maintains a table of SPLC's that designate rail and Port of Loading locations throughout North America. Thus any Port of Loading in North America can be definitively indicated in Export Bookings.

Schedule K Code: CN maintains a table of Schedule K codes that designate the foreign (non North American) Ports of Discharge.

Mandatory Data Elements

Several data elements are mandatory in the EDI 301 and are edited for both their presence and content. The absence of any of the following data elements or with data values that do not pass the edits will cause the Booking Conformation to be rejected.

- SCAC of Ocean Carrier
- Add, Modify, or Delete Indicator
- Booking Number
- Port of Loading
- Port Of Discharge
- Vessel
- Voyage
- Origin CN Intermodal Terminal
- Quantity of Containers
- Container Type

Work Order Reference Number Qualifer N9 Segment

The reference number qualifier Work Order number in the N9 segment, is 'WO'.

Example:

N9*WO*5353999

Shipment Parties

The two parties used in the EDI 301 N1 Name segments are for

(SH) = Shipper and

(PR) = Payor of Freight.

N1 01 segment is for the Qualifier (SH or PR) and the N1 02 the Full Name of the party.

In order for the EDI 301 to be processed correctly, the Full Name of the party entered must match the Full Name of the party contained in CN's internal Customer Name table. To verify the correct spelling of the Full Name of the party, call 1-800-361-0198.

It is very important to refer to the EDI Acknowledgment Booking report in Intermodal Direct on the internet (www.cn.ca) after sending in an EDI 301. This report will specify whether the EDI 301 was accepted or rejected and for what reason. For example, if there is a mis-match on the spelling of the Full Name of the party.

Examples of the EDI output for Shipment Parties:

N1*SH*ABC COMPANY LTD

N1*PR*XYZ PAYMENT COMPANY

Confirmation Actions

The three actions allowed are Add, Modify and Delete as indicated in the B104. A code specifying one of these three actions is required or the specific Booking Confirmation will be rejected.

EDI 301 Systems Defaults

An Add action will be processed as a Modify if the Export Booking already exists.

A Modify action will be processed as an Add if the Export Booking does not exist.

A Delete action will be rejected if the Booking does not exist.

EDI 301 Business Rules

Split bookings for different types of containers at the same origin CN Intermodal Terminal are indicated by multiple Y4 segments.

Split bookings for more than one origin CN Intermodal Terminal are indicated by multiple Y4 segments that also must have the SPLC of each origin.

An Export Booking can not be deleted if a container has been applied. That is, if a container has been reported Out Gate Empty and/or In Gate Load.

An Export Booking can be modified to increase or reduce the quantity of containers. The quantity can be reduced to any amount down to 1 (one) or the amount already applied, whichever is greater. For example, an Export Booking for 5 containers with three already applied can be modified to reduce the quantity to 4 or 3.

To modify the container type in an Export Booking requires a two step process as container type is part of the index key. If no containers have been applied to the Export Booking, first delete the Export Booking then add again with the new container type. If containers have been applied to the Export Booking, first modify to reduce the quantity to the amount already applied, and also specify the different container type thus creating a split booking. This modification can be accomplished in the same 301 transmission.

Start Date (Container Availability Date) of the Export Booking will default to current date if none provided in the EDI 301.

Expiration Date (Cut Off Date) of the Export Booking will default to the Sailing Date if none provided in the EDI 301.

Sailing Date of the vessel will default to 30 days from the Start Date if none provided in the EDI 301.

The Quantity of containers must be one or more.

A qualifier (FA or CE) must be provided with the temperature of a temperature controlled container.

CN Intermodal Terminals and Ports

The following lists CN Intermodal Terminals and Ports Operations that can be an origin and destination on CN lines.

D/K	SPLC	Station Abbr. 633	St/Pr	Full Station Name
0102	118443	AUBINTTER	ME	AUBURN INTER TERM
0403	141260	AYEINTTER	MA	AYER INTERMODAL TER
01535	044761	BRAINTTER	ON	BRAMPTON INTER TERM
12200	082494	CALINTTER	AB	CALGARY INTER TERM
3901	380002	CHIINTTER	IL	CHICAGO INTER TERM
15231	008806	CORBROINT	NF	CORNER BROOK INTERM
3903	549260	COUBLUFFS	IA	COUNCIL BLUFFS
3801	315986	DETINTTER	MI	DETROIT INTER TERM
4503	396640	ESTLOUIS	IL	EAST ST LOUIS
80101	085646	EDMINTTER	AB	EDMONTON INTER TERM
13841	012548	FAICOVIMP	NS	FAIRVIEW COVE IMPEX
12493	093614	FRASURIMP	BC	FRASER SURREY IMPEX
3907	543630	FTDODGE	IA	FT DODGE
13841	012504	HALHALTER	NS	HALIFAX HALTERM TER
13841	012500	HALIFAX	NS	HALIFAX
13841	012501	HALINTTER	NS	HALIFAX INTER TERM
2015	487230	JACKSON	MS	JACKSON
2006	439900	MEMPHIS	TN	MEMPHIS
01535	044716	MISINTSER	ON	MISSISSAUGA INT SER
1901	479800	MOBILE	AL	MOBILE
01822	030313	MONBICKER	PQ	MONTREAL BICKERDIKE
13400	015289	MONINTTER	NB	MONCTON INTER TERM
80103	074040	MOOJAW	SK	MOOSE JAW
01822	030191	MONTASYAR	PQ	MONTREAL TASCH YARD
01822	030318	MONRACTER	PQ	MONTREAL RACINE TER
2002	647000	NEWORLEAN	LA	NEW ORLEANS
15200	008998	PTBASQUES	NF	PORT AUX BASQUES
80103	070156	REGINTTER	SK	REGINA INTER TERM
12493	093804	ROBBANK	BC	ROBERTS BANK
80103	072420	SASINTTER	SK	SASKATOON INTER TER
14428	016004	STJOHIMPE	NB	SAINT JOHN IMPEX
15282	008102	STJOHINTT	NF	ST JOHNS INTER TERM
01535	043234	TORCONINT	ON	TORONTO CONPORT INT
12493	093932	VANCENPIE	BC	VANCOUVER CENT PIER
12493	093929	VANIMPEX	BC	VANCOUVER IMPEX
12493	093696	VANINTTER	BC	VANCOUVER INTER TER
12493	093934	VANVANter	BC	VANCOUVER VANTERM
3907	532730	WATERLOO	IA	WATERLOO
80102	061265	WINSYMYAR	MB	WINNIPEG SYMING YAR

