

eBook

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# OCEAN TRANSPORTATION TRANSACTION SETS



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## EDI ASCII X12

### 109 - VESSEL CONTENT DETAILS

It provides all the information needed to report event details for a shipment and status for one or more containers bound for a port.

### 300 - RESERVATION (BOOKING REQUEST)

A shipper or forwarder uses this to reserve space, containers and equipment for transport by ocean vessel.

### 301 - CONFIRMATION (OCEAN)

Provides all the information an ocean carrier needs to confirm space, container, and equipment availability in response to the Reservation (Booking Request) (Ocean) Transaction Set (300); or to notify other parties such as terminal operators or other ocean carriers.

### 303 - BOOKING CANCELLATION (OCEAN)

Specifies all the information a shipper or forwarder requires to cancel a previous booking request.

### 304 - SHIPPING INSTRUCTIONS

Provides all the information needed to prepare and distribute a contract of carriage like an ocean bill of lading, sea waybill and other shipping documents. When transmitted to a freight forwarder or customs broker, it provides the shipping and financial information that the forwarder or customs broker requires in order to move cargo and provide the requested services.

### 309 - CUSTOMS MANIFEST

Carriers, terminal operators, port authorities, and service centers use this transaction code to give Customs the manifest data on cargo arriving in or departing from oceangoing vessels, railroad trains, etc. Carriers also use it to give terminal operators, port authorities or service centers manifest data on cargo arriving at their facilities.

### 310 - FREIGHT RECEIPT AND INVOICE (OCEAN)

Provides ocean bill of lading information. It is transmitted by ocean carriers and can serve as the receipt for the shipment or as an invoice for freight. It can also take the place of a paper bill of lading; or can enable the shipper or forwarder to verify bill of lading information before an original is printed and released. Similarly, it can be used for information purposes (as a bill of lading copy), or to convey manifest information to a terminal operator.

### 311 - CANADIAN CUSTOMS INFORMATION

Provides all information necessary that an ocean or rail carrier or freight forwarder needs to report import and export conveyance and consignment information to Canadian Customs.

### **312 - ARRIVAL NOTICE (OCEAN)**

Specifies all the information required for a consignee to receive a shipment, including customs, payments due, and estimated arrival date and time of shipment.

### **313 - SHIPMENT STATUS INQUIRY (OCEAN)**

Specifies all the information required for an authorized party to an ocean shipment to ask the ocean carrier about the status of a shipment.

### **315 - STATUS DETAILS (OCEAN)**

Provides the information required to report status or event details for specified shipments or containers. It can specify the details for one status or event associated with multiple shipments or containers, or for multiple statuses or events for one shipment or container.

### **317 - DELIVERY/PICKUP ORDER**

Enables importers or their agents to give orders for the delivery or pickup of goods to marine terminal operators.

### **319 - TERMINAL INFORMATION**

Transmits shipment arrival event information (e.g., arrival data, availability for pickup, or the actual pickup) from terminal operators to customs brokers, freight forwarders, consignees, etc.

### **322 - TERMINAL OPERATIONS AND INTERMODAL RAMP ACTIVITY**

Allows terminal operation, port authority or intermodal ramp to communicate terminal and intermodal ramp activities (e.g. “ingates” and “outgates”) relating to a shipment.

### **323 - VESSEL SCHEDULE AND ITINERARY (OCEAN)**

Allows an ocean carrier to communicate with others about an ocean vessel’s schedule and itinerary.

### **324 - VESSEL STOW PLAN (OCEAN)**

Provides all relevant information concerning the stowage of equipment and cargo on a vessel.

### **325 - CONSOLIDATION OF GOODS IN CONTAINER**

Sent by a consolidator or to the consignee to document the goods loaded into a container.

### **326 - CONSIGNMENT SUMMARY LIST**

Provides a customer with a list of all consignments for which an ocean carrier has accepted or is expected to accept responsibility for the transport of goods. It is sent by an ocean carrier or consolidator to a shipper, freight forwarder, consignee, customs broker, etc.

### **350 - CUSTOMS STATUS INFORMATION**

Allows the Customs Service (CS) to communicate with carriers, terminal operators, port authorities and service providers about cargo release and cargo hold information for import shipments. The CS can also use it to give exporters or their agents, carriers, and service providers information regarding export shipments.

### **352 - U.S. CUSTOMS CARRIER GENERAL ORDER STATUS**

Provides bill of lading status information to U.S. Customs or consignees regarding cargo in or about to go into “General Order” and entry and release information. It is transmitted by carriers, terminal operators, port authorities, or service centers.

### **353 - CUSTOMS EVENTS ADVISORY DETAILS**

Carriers use this transaction set to notify Customs of events concerning cargo moving in-bond, or of conveyance arrivals or departures. Such events include the arrival of containers, or cargo covered by individual ocean bills of lading or in-bond numbers, which have moved in-bond to an inland destination or which have been exported. Carriers can also use this to notify Customs of the arrival or departure of a conveyance for which an electronic manifest has been filed, as well as for the transfer of custodial liability when an in-bond movement involves multiple legs.

### **354 - U.S. CUSTOMS AUTOMATED MANIFEST ARCHIVE STATUS**

Enables U.S. Customs to inform carriers, terminal operators, port authorities, and service centers that the manifest for a particular vessel or voyage will be removed from the system. This indicates that either all bills of lading on the manifest have been reconciled/closed, or will be reconciled manually.

### **355 - U.S. CUSTOMS ACCEPTANCE/REJECTION**

Used by U.S. Customs to report errors or discrepancies found in the U.S. Customs transaction sets to ocean carriers, terminal operators, port authorities and service centers.

### **356 - U.S. CUSTOMS PERMIT TO TRANSFER REQUEST**

Sent to U.S. Customs to request a Permit to Transfer (PTT).

### **357 - U.S. CUSTOMS IN-BOND INFORMATION**

Used by transportation carriers, terminal operators, port authorities, and service centers to request authorization for in-bond movements, or to add additional legs to existing in-bond movements.

### **358 - CUSTOMS CONSIST INFORMATION**

Provides a list of bills of lading to be carried on a specific conveyance and trip number, for which an electronic manifest has already been filed. Used by transportation carriers, terminal operators, port authorities and service centers.

### **361 - CARRIER INTERCHANGE AGREEMENT (OCEAN)**

Specifies the information an ocean carrier needs to tell a terminal operator if motor carriers are authorized to carry its cargo.

### **997 - FUNCTIONAL ACKNOWLEDGMENT**

Used to define the control structures for a set of acknowledgments to indicate the results of the syntactical analysis of the electronically encoded documents. The encoded documents are the transaction sets, which are grouped in functional groups, used in defining transactions for business data interchange. Does not cover the semantic meaning of the information encoded in the transaction sets.

# OCEAN TRANSPORTATION TRANSACTION SET

## EDI EDIFACT

### **BERMAN - BERTH MANAGEMENT**

The Berth management message is a message from a carrier, its agent or means of transport to the authority responsible for port and waterway management, requesting a berth, giving details of the call, vessel, berth requirements and expected operations.

### **CALINF - VESSEL CALL INFORMATION**

Notice from a liner agent to a stevedore providing information concerning the expected arrival of a vessel and the expected cargo operations. This message is part of a total set of container-related messages. These messages serve to facilitate the intermodal handling of containers by streamlining the information exchange. The business scenario for the container messages is clarified in a separate document, called: 'Guide to the scenario of EDIFACT container messages'.

### **BAPLIE - BAYPLAN/STOWAGE PLAN OCCUPIED AND EMPTY LOCATIONS**

A message to transmit information about equipment and goods on a means of transport, including their location on the means of transport. The message can be exchanged between (liner's) agents, tonnage centers, stevedores and ships masters/operators (see section 1.3 for more details).

### **IFTDGN - DANGEROUS GOODS NOTIFICATION**

The International Forwarding and Transport Dangerous Goods Notification message is a message from the party responsible to declare the dangerous goods (e.g. carrier's agent, freight-forwarder) to the party acting on behalf of the local authority performing the checks on conformance with the legal requirements on the control of dangerous goods, normally Port Authority, conveying the information relating to one conveyance/voyage of a means of transport such as a vessel, train, truck or barge, on the dangerous goods being loaded, unloaded, and/or in transit.

### **MOVINS - STOWAGE INSTRUCTION**

A Stowage instruction message contains details of one means of transport vehicle, giving instructions regarding the loading, discharging and restowage of equipment and/or cargoes and the location on the means of transport where the operation must take place.

### **COARRI - CONTAINER DISCHARGE/LOADING REPORT**

A message by which the container terminal reports that the containers specified have been discharged from a seagoing vessel (discharged as ordered, overlanded or shortlanded), or have been loaded into a seagoing vessel. This message is part of a total set of container-related messages. These messages serve to facilitate the intermodal handling of containers by streamlining the information exchange. The business scenario for the container messages is clarified in a separate document, called: 'Guide to the scenario of EDIFACT container messages'.

## **COPRAR - CONTAINER DISCHARGE/LOADING ORDER**

A message to order to the container terminal that the containers specified have to be discharged from a seagoing vessel or have to be loaded into a seagoing vessel. This message is part of a total set of container-related messages. These messages serve to facilitate the intermodal handling of containers by streamlining the information exchange. The business scenario for the container messages is clarified in a separate document, called: 'Guide to the scenario of EDIFACT container messages'.

## **VESDEP - VESSEL DEPARTURE**

A message from a stevedore to a liner agent or from a liner agent to a local authority (e.g. port authority) to inform the latter party of the departure of a vessel and giving information on the actual container or cargo operations. This message is part of a total set of container-related messages. These messages serve to facilitate the intermodal handling of containers by streamlining the information exchange. The business scenario for the container messages is clarified in a separate document, called: 'Guide to the scenario of EDIFACT container messages'.

## **IFTSTA - INTERNATIONAL MULTIMODAL STATUS REPORT**

A message to report the transport status and/or a change in the transport status (i.e. event) between agreed parties.

## **IFTSTQ - INTERNATIONAL MULTIMODAL STATUS REQUEST**

A message to request an International multimodal status report message (IFTSTA) in order to provide details relating to transport status and/or a change in the transport status between agreed parties.

## **IFTMCS - INSTRUCTION CONTRACT STATUS**

A message from the party providing the transport/forwarding services to the party that issued the instructions for those services stating the actual details, terms and conditions (charges when applicable) of the service and of the consignment involved. In addition it can be used for the exchange of contract information between carriers mutually.

## **COREOR CONTAINER RELEASE ORDER**

Order to release containers, and giving permission for them to be picked up by or on behalf of a specified party. This message is part of a total set of container-related messages. These messages serve to facilitate the intermodal handling of containers by streamlining the information exchange. The business scenario for the container messages is clarified in a separate document, called: 'Guide to the scenario of EDIFACT container messages'.

## **CODECO - CONTAINER GATE-IN/GATE-OUT REPORT**

A message by which a terminal, depot, etc. confirms that the containers specified have been delivered or picked up by the inland carrier (road, rail or barge). This message can also be used to report internal terminal container movements (excluding loading and discharging the vessel) and to report the change in status of container(s) without those containers having physically been moved.

## **CUSREP - CUSTOMS CONVEYANCE REPORT**

This Customs Conveyance Report Message (CUSREP) permits the transfer of data from a carrier to a Customs administration for the purpose of meeting Customs reporting requirements in respect of the means of transport on which cargo is carried.

## **CUSRES - CUSTOMS RESPONSE**

This Customs Response Message (CUSRES) permits the transfer of data from a customs administration:

- to acknowledge the receipt of the message
- to indicate whether the information received is correct or if there are errors (i.e. accepted without errors, accepted with errors, rejected, etc.)
- to inform the sender of the status of the customs declaration (i.e. goods released, goods for examination, documents required, etc.)
- to transmit additional information as agreed between parties (i.e. tax information, quantity information, etc.)
- to respond to batched messages (i.e. CUSDEC, CUSCAR, CUSREP, CUSEXP).

Note: this message is not meant to replace the functionality of the CONTRL message.

## **CUSCAR - CUSTOMS CARGO REPORT**

This message permits the transfer of data from a carrier to a Customs administration for the purpose of meeting Customs cargo reporting requirements.

## **IFTMBF - FIRM BOOKING**

A message from a party definitely booking forwarding and/or transport services for a consignment to the party providing those services. The message will contain the conditions under which the sender of the messages requires the services to take place.

## **IFTMBC - BOOKING CONFIRMATION**

A message from the party providing forwarding and/or transport services to the party booking those services giving the confirmation information to the booking of the consignment concerned. A confirmation might read that the booking of a consignment is accepted, pending, conditionally accepted or rejected.

The conditions under which requested services take place may be given in this message. This message can also be used between vessel operators, vessel sharing partners and cargo receiving and handling facilities such as marine terminals, inland receiving depots, rail ramps and truck terminals to confirm cargo particulars and equipment requirements of the transport provider to the service provider responsible for dispatching empty equipment and receiving the cargo.

## **IFTMBP - PROVISIONAL BOOKING**

A message from a party requesting space and/or giving brief details of a planned consignment for forwarding and/or transport services to the party providing those services. In this message, the conditions under which the planned transport should take place can be given.

## **IFTSAI - FORWARDING AND TRANSPORT SCHEDULE AND AVAILABILITY INFORMATION**

The function of this message is to request transport schedule or availability information and to answer to such a request.

## **IFTMIN - INSTRUCTION**

A message from the party issuing an instruction regarding forwarding/transport services for a consignment under conditions agreed, to the party arranging the forwarding and/or transport services.

## **IFTMAN - ARRIVAL NOTICE**

A message from the party providing forwarding and/or transport services to the party such as has been indicated in the contract, giving notice and details of the arrival of the consignment.

## **COEDOR - TRANSPORT EQUIPMENT STOCK AND PROFILE REPORT**

A message to report transport equipment that is either in stock by the sending party (i.e. a terminal, depot or container freight station) or is part of the fleet of transport equipment being operated by a shipping line. It is also used to report the profiles of newly acquired transport equipment. This message is part of a total set of container-related messages. These messages serve to facilitate the intermodal handling of containers and other transport equipment by streamlining the information exchange. The business scenario for the container messages is clarified in a separate document, called 'Guide to the scenario of EDIFACT container messages'.

## **DESTIM - EQUIPMENT DAMAGE AND REPAIR ESTIMATE**

A message for use by the container repair, shipping and leasing industry. It may be used by a container equipment repair depot to send an owner or user a description of damages to the equipment, as an estimate of the repair actions and costs needed to rectify such damages. A recipient owner may forward the estimate to a lessee. The message may also be used by an owner or lessee as an authorization message to the repair depot to perform the repairs indicated in the estimate, and as an acknowledgment of his willingness to pay for those repairs indicated in the estimate for his account.

## **COSTOR - CONTAINER STUFFING/STRIPPING ORDER**

Order that specified goods/consignments are to be stuffed into (already or still to be delivered) or stripped from LCL-containers. This message is part of a total set of container-related messages. These messages serve to facilitate the intermodal handling of containers by streamlining the information exchange. The business scenario for the container messages is clarified in a separate document, called: 'Guide to the scenario of EDIFACT container messages'.

## **COSTCO - CONTAINER STUFFING/STRIPPING CONFIRMATION**

Confirmation that specified goods/consignments have been stuffed into or stripped from LCL-containers. This message is part of a total set of container-related messages. These messages serve to facilitate the intermodal handling of containers by streamlining the information exchange. The business scenario for the container messages is clarified in a separate document, called: 'Guide to the scenario of EDIFACT container messages'.



## ABOUT YOUREI

Youredi is a leading global provider of a cloud-based Integration Platform as a Service (iPaaS) solution with a focus on global supply chain management and logistics.

Youredi enables quick connections and message translations between supply chain partners and customers. Integrating with communities, carriers, shippers, consignees and the systems that they use, Youredi provides global scale, speed, and agility. This seamless real-time flow of 100% accurate data, provides organizations the ability to analyze and optimize all supply chain processes.

Youredi provides a range of solutions related to big data, IoT, and analytics.

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