

Customer  
Technical Guide -  
Message  
Specification



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## Rail Tagging and Release

**Note:** we recommend Administrators also read the [Rail Tagging and Release Customer User Guide](#). Download it from [www.1-stop.biz](http://www.1-stop.biz).



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## 1 HOW TO USE THIS GUIDE

### 1.1 Confidentiality

The information contained in this document is for Administrators of 1-Stop services only. Copyright remains with 1-Stop. No unauthorised copying or distribution of the document or any part of its contents is permitted.

If you have any questions about the use or distribution of this document, call the 1-Stop Helpdesk on 1300 881 055.

### 1.2 Purpose of this guide

This guide is for Administrators of 1-Stop's services. It is intended as a:

- training resource when you purchase 1-Stop's services; and
- reference guide, if you need help to perform specific tasks.

Information about solving problems is included at the end of this document. If you need extra help you can:

- check the FAQs in the 'Help' tab on our website at [www.1-stop.biz](http://www.1-stop.biz); or
- contact the Helpdesk on 1300 881 055.

### 1.3 What's new and what's changed

The information contained in this guide is current as at May 2011 and reflects all changes to the user interface up to that date. If you think you may not have the most up to date User Guide, check the downloads available at [www.1-stop.biz](http://www.1-stop.biz).

### 1.4 User Guide name and version number

Updates to User Guides are made each time a new version of the service is released.

This is: **Rail Tagging and Release-ADM-Technical Guide version 1**

## 2 ABOUT 1-STOP

### 2.1 Who is 1-Stop?

1-Stop is an information communications technology (ICT) company that provides services to businesses involved in the import and export of goods to and from Australian ports. We are based in Sydney and our services are used all over Australia and in Auckland, NZ. Our customers include:

- terminal operators (stevedores);
- shipping lines;
- Australian Customs Services and Australian Quarantine and Inspection Service;
- container depots;
- importers and exporters;
- freight forwarders and agents;
- road carriers; and
- rail operators.

### 2.2 What does 1-Stop provide?

Our ICT solutions permit the exchange of data via the web or by electronic data interchange (EDI), for purposes such as container and vessel tracking, vehicle bookings to collect and deliver cargo at terminals, Electronic Import Delivery Orders (EIDOs), Pre Receipt Advices (PRAs), invoice and payments systems, and much more. For a full list of our services, go to [1-Stop Services](#).





### 2.3 Why use 1-Stop services?

1-Stop services are an important part of the logistics supply chain. We're integrated with ports and terminals all over Australia. Every day our community of users grows.

1-Stop customers enjoy:

- efficient and 'real time' transactions between community members;
- improved data quality;
- clear, visible data about vessel and container movements;
- easy reporting to Australian Customs Services to meet regulatory requirements;
- time and cost savings, thanks to automation of repetitive transactions;
- better ability to respond to their customers; and
- improved business efficiency, due to the 'one-to-many' solution — access one system to do business with many providers.



### 3 ABOUT RAIL TAGGING AND RELEASE

#### 3.1 What is Rail Tagging and Release?

The 1-Stop Rail Tagging and Release (RTR) service allows users to notify terminals they wish to move their container cargo by rail. Users log in to the 1-Stop website and tag their containers for movement by rail before the container is discharged from the vessel. The tag request is submitted to the terminal. The terminal must approve the tagging request.

All cargo that is not tagged for rail is moved by road.

Before the introduction of the 1-Stop Rail Tagging and Release service, rail tagging and release was managed manually by each terminal.

The Rail Tagging and Release (RTR) process has two stages, as follows.

Processing Stage 1	→	Processing Stage 2
<b>Rail Release - Container Tagging</b>		<b>Rail Release - Container Release</b>
Allows users (shipping lines, intermodal rail terminals, freight forwarders or importers) to tag containers for rail and advise the terminals to move the tagged containers to the rail stack upon discharge. The container tagging process must be done before vessel discharge. The rail tagging of containers 'already in the yard' is allowed only by contacting the terminal directly, charges may be applied by the terminal .		This is the container releasing stage whereby the importer/agent/or freight forwarder must enter the commercial release number (EIDO Pin) against their tagged containers to affect the final rail release process.  <b>The container must be tagged and accepted by relevant terminal before it can be released. Shipping lines may only tag and release their own containers.</b>

##### 3.1.1 Options for use

1-Stop offers users options for using the Rail Tagging and Release service; that is, either by EDI (EDIFACT or XML) or online via the 1-Stop website. Please refer to our website for the EDIFACT Message Specifications.

This guide provides help for the XML Message only.



### 3.2 Who uses Rail Tagging and Release?

The Rail Tagging and Release service is designed for;

- shipping lines;
- intermodal rail terminals; and
- importers, freight forwarders and agents.

However, use of the service by rail terminal operators, importers, freight forwarders and agents requires **permission from the shipping lines**.

Shipping lines require **permission from the terminals** to allow users to tag with the 1-Stop RTR method.

### 3.3 Why is Rail Tagging and Release used?

Automated rail tagging and release procedures have replaced procedures that were previously carried out by the terminals. Now all industry participants manage the process themselves.





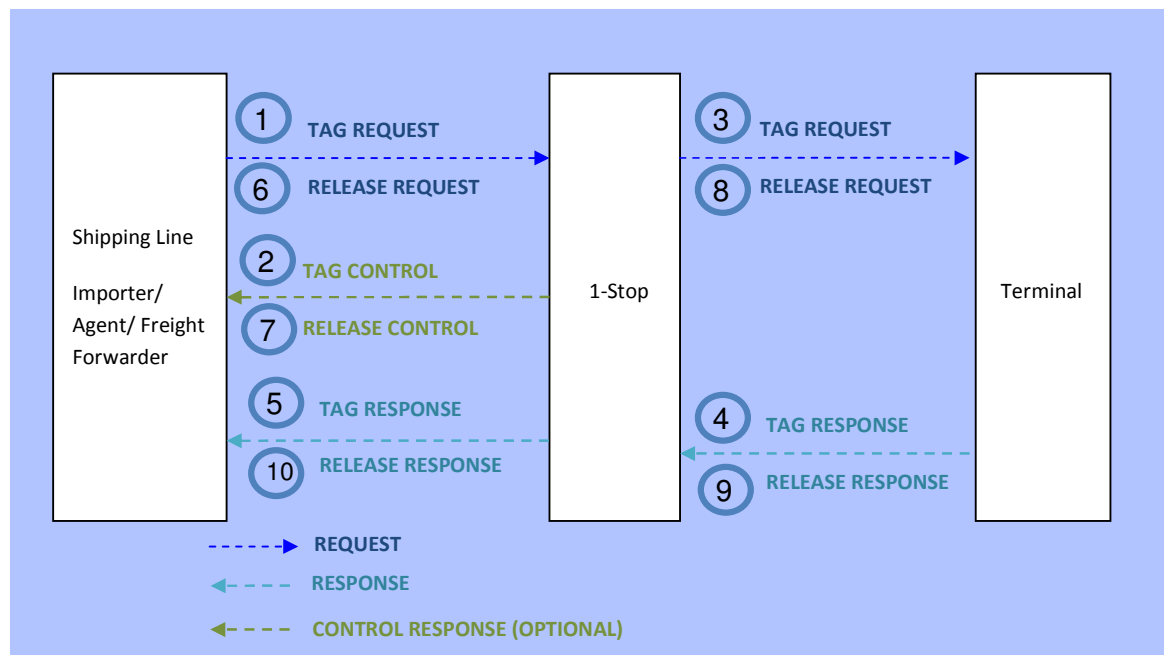
## 4 TERMS OF USE

All 1-Stop products have Terms and Conditions of use. If you are a new user of web-based services, you'll be asked to agree to these when you sign in.

Downloadable copies of some of our [Terms and Conditions](#) are available on our website.

## 5 HOW RAIL TAGGING AND RELEASE WORKS WITH YOUR SYSTEM

### 5.1 XML Message Flow



The messaging flow for XML is as follows.

- 1.) Client sends the TAG request using CTO\_RELEASE XML for container Tagging to 1-Stop.
- 2.) 1-Stop sends the TAG Control XML Response back to the client (this is optional).
- 3.) 1-Stop sends the TAG request to the Terminal.
- 4.) The terminal sends the TAG Response to 1-Stop.
- 5.) 1-Stop sends the TAG Response using CTO\_RELEASE\_RESPONSE XML to the sender of the TAG.
- 6.) Client sends in the RELEASE request to 1-Stop using the CTO\_RELEASE XML for the Container Release.
- 7.) 1-Stop sends the RELEASE Control XML Response back to the client (this is optional).
- 8.) 1-Stop sends the RELEASE request to the Terminal.
- 9.) Terminal sends the RELEASE response to 1-Stop.
- 10.) 1-Stop sends the RELEASE response to the sender.



## 5.2 CTO\_RELEASE XML Message Schema

The XML schema for the [CTO RELEASE –Version 1.2.xsd](#) on the specification found on the 1-Stop website.

For more information on what is an XML Schema check out this link [http://www.w3schools.com/schema/schema\\_intro.asp](http://www.w3schools.com/schema/schema_intro.asp).

### 5.2.1 What is a CTO\_RELEASE XML for?

CTO\_RELEASE is the XML clients send to TAG or RELEASE a Container. The schema shows clients what the required fields are in order for them to send a TAG or RELEASE request to a Specified terminal.

### 5.2.2 CTO\_RELEASE XML Message Specification

XML Fields	Mandatory /Optional	Type	Length	Definition
<b>CTOReleaseHeader</b>				
MessageName	M	String		<b>CTO RELEASE - CONTAINER TAGGING</b> <b>CTO RELEASE - CONTAINER RELEASE</b>
MessageFunction	M	String		<b>ORIGINAL</b> <b>CHANGE</b> <b>CANCELLATION</b>
ResponseTypeCode	O	String		<ul style="list-style-type: none"> <li>• Blank (Default ) -&gt; Message Acknowledgement ALWAYS.</li> <li>• <b>AB</b> -&gt; Message Acknowledgement ALWAYS</li> <li>• <b>AP</b> -&gt; Message Acknowledgement for ACCEPTED Rail Release Instructions only</li> <li>• <b>CA</b> -&gt; Message Acknowledgement for CONDITIONALLY ACCEPTED Rail Release Instructions only</li> <li>• <b>RE</b> -&gt; Message Acknowledgement for REJECTED Rail Release</li> </ul>



Instructions only				
MessageEventDateTime	M	String	14	The Date/Time when Message is sent to 1-Stop Gateway OR from 1-Stop Gateway to the Terminal System. Format - <b>CCYYMMDDHHMMSS</b>
<b>Sender</b>				
SenderCode	M	String		ACOS Trading Code or 1-Stop Registered Code.
SenderRole	M	String		<b>LINE</b> (Shippint Line) <b>BUREAU</b> <b>CARRIER</b> (Transport Carrier) <b>IMPORTER</b> <b>RAILOP</b> (Rail Operator) <b>CONTRACTOR</b> (CTO Terminal)
SendersPassword	M	String		A valid Password is required for those Parties sending Messages to 1-Stop Message Gateway
SendersMessageReferenceID	M	String		Must be Unique - Combination of SenderCode and 6 Digit Number, eg HSD123456
SendersMessageVersion	M	Integer		Original Message will always have Version 1, Version Number must be incremented (2,3,4,5...) for subsequent Updates or Withdraw
SendersEventDateTime	M	String	14	Date/Time the message created in the Sender's System. Format - <b>CCYYMMDDHHMMSS</b>
<b>Receiver</b>				
ReceiverCode	M	String		Terminal code from where Container is available for Collection ( <a href="#">ACOS Code</a> )
ReceiverRole	M	String		<b>CONTRACTOR</b>
<b>CTOReleaseDepartureDetails</b>				
<b>On-CarriageTransportDetails</b>				
TransportMode	M	String		<b>RAIL</b> <b>ROAD</b>
TransportID	O	String		Train Number or Truck Number
ServiceNumber	O	String		Rail or Road Service Number
CarrierCode	M	String		Road or Rail Operator Code
CarrierName	M	String		Road or Rail Operator Name
<b>Location</b>				



PlaceOfDepartureCode	M	String		Departure Terminal Code
PlaceOfDepartureName	M	String		Departure Terminal Code
PlaceOfDestinationCode	M	String		Destination Code
PlaceOfDestinationName	M	String		Rail or Road Destination Name
<b>DepartureDateTime – OPTIONAL</b>				
RequestedDepartureDateT ime	O	String	14	Requested Rail or Road Departure Date/time - Format - <b>CCYYMMDDHHMMSS</b>
<b>Requester</b>				
RequesterCode	M	String		Requester Code
RequesterRole	M	String		<b>LINE</b> (Shippint Line) <b>CARRIER</b> (Transport Carrier) <b>IMPORTER</b> <b>RAILOP</b> (Rail Operator)
RequesterName	O	String		Requester Name
ContactName	O	String		Contact Name
ContactEmail	O	String		Email Address to forward the Rail Release Instructions Responses if required
<b>PlaceOfAvailability</b>				
PlaceOfAvailabilityCode	M	String		Terminal code from where Container is available for Collection (from NAD+SF - <a href="#">ACOS Code</a> ) <b>SF</b> – (Ship From) Place where Cargo is available for Collection – in this instance, the Discharge Terminal.
PlaceOfAvailabilityName	O	String		Terminal Name from where container is available for Collection (from NAD+SF) <b>SF</b> – (Ship From) Place where Cargo is available for Collection – in this instance, the Discharge Terminal.
<b>CTOReleaseCargoLines</b>				
ConsignmentItemNumber	M	Integer		1, 2, 3, etc... Starting with 1 and increment by 1
ImportDeliveryNumber	O	String		E-IDO Pin -> CRN Commercial Release Number -> <b>MANDATORY</b> <b>for CONTAINER RELEASE</b> <b>MESSAGE</b>
<b>ImportVesselDetails</b>				
LloydsNumber	M	String		Lloyds Number of the Discharge Vessel.



Name	O	String		Vessel Name
VoyageNumber	M	String		Inbound Voyage Number -> Leading Zeros and Trailing Letters should be removed
DischargePort	M	String		Cargo Discharge Port
VesselOperatorCode	M	String		Vessel Operator Code
VesselOperatorName	M	String		Vessel Operator Name
VesselEstimateArrivalDate	O	String	8	Format - <b>CCYYMMDD</b>
VesselActualArrivalDate	O	String	8	Format - <b>CCYYMMDD</b>
<b>ContainerDetails</b>				
ContainerNumber	M	String	11	Container Number
ContainerSize	O	String		ISO Code
FullEmpty	O	String	5	FullEmptyStatus=indicates if Container is Full or Empty <b>FULL</b> <b>EMPTY</b>
GrossWeight	O	String		Gross Weight of the Container in Kilogram
DimensionWidth	O	Decimal		Width in Centimetres
DimensionHeight	O	Decimal		Height in Centimetres
SealNumber	O	String		Seal Number
HandlingInstructionsCode	O	String	3	General Cargo or Hazardous Cargo <b>GEN</b> <b>HAZ</b>
HazardousMaterialClassCode	O	String		IMDG Code
HazardousMaterialClass	O	String		IMDG Class
<b>EmptyReturnPark - OPTIONAL</b>				
EmptyReturnParkCode	O	String	35	ACOS Code
EmptyReturnParkLocation		String	35	Empty Container Return Park Name and Address
EmptyReturnDueDateTime		String	14	From SG62 DTM+397 Segment. Format - <b>CCYYMMDDHHMMSS</b>



### 5.2.3 Sample CTO RELEASE – CONTAINER TAG

Item	Value
Message Type	TAG
Container Number	STOP7654321 and STOP7654322
Lloyds number	8914001
Voyage number	045S
Departure Terminal	ASLPB
Rail Destination	MIST
Intermodal Rail Terminal	INDR
Response Email Address	<a href="mailto:test@1-stop.biz">test@1-stop.biz</a>

```
<CTO_RELEASE xsi:noNamespaceSchemaLocation="CTO_Release-Version1.1.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <CTOReleaseHeader>
    <MessageName>CTO RELEASE - CONTAINER TAGGING</MessageName>
    <MessageFunction>ORIGINAL</MessageFunction>
    <MessageEventDateTime>20110524123745</MessageEventDateTime>
    <Sender>
      <SenderCode>ABCD</SenderCode>
      <SenderRole>CONTRACTOR</SenderRole>
      <SendersPassword>test</SendersPassword>
      <SendersMessageReferenceID>1STOP000034952</SendersMessageReferenceID>
      <SendersMessageVersion>1</SendersMessageVersion>
      <SendersEventDateTime>20110524123745</SendersEventDateTime>
    </Sender>
    <Receiver>
      <ReceiverCode>ASLPB</ReceiverCode>
      <ReceiverRole>CONTRACTOR</ReceiverRole>
    </Receiver>
  </CTOReleaseHeader>
  <CTOReleaseDepartureDetails>
    <On-CarriageTransportDetails>
      <TransportMode>RAIL</TransportMode>
      <CarrierCode>INDR</CarrierCode>
      <CarrierName>INDEPENDENT RAILWAYS AUST PTY LTD</CarrierName>
    </On-CarriageTransportDetails>
```



```
<Location>
  <PlaceOfDepartureCode>ASLPB</PlaceOfDepartureCode>
  <PlaceOfDepartureName>PATRICK, NS, PORT BOTANY</PlaceOfDepartureName>
  <PlaceOfDestinationCode>MIST</PlaceOfDestinationCode>
  <PlaceOfDestinationName>MACARTHUR INTERMODAL SHIPPING TERMINAL
LT</PlaceOfDestinationName>
</Location>
<Requester>
  <RequesterCode>INDR</RequesterCode>
  <RequesterRole>RAIOP</RequesterRole>
  <ContactEmail>test@1-stop.biz</ContactEmail>
</Requester>
<PlaceOfAvailability>
  <PlaceOfAvailabilityCode>ASLPB</PlaceOfAvailabilityCode>
  <PlaceOfAvailabilityName>PATRICK, NS, PORT BOTANY</PlaceOfAvailabilityName>
</PlaceOfAvailability>
</CTOReleaseDepartureDetails>
<CTOReleaseCargoLines>
  <ConsignmentItemNumber>1</ConsignmentItemNumber>
  <ImportVesselDetails>
    <LloydsNumber>8914001</LloydsNumber>
    <Name>KITANO</Name>
    <VoyageNumber>045S</VoyageNumber>
    <DischargePort>AUSYD</DischargePort>
    <VesselOperatorCode>XYZ</VesselOperatorCode>
    <VesselOperatorName>XYZ</VesselOperatorName>
    <VesselEstimateArrivalDate>20101130</VesselEstimateArrivalDate>
  </ImportVesselDetails>
  <ContainerDetails>
    <ContainerNumber>STOP7654322</ContainerNumber>
    <HandlingInstructionsCode>GEN</HandlingInstructionsCode>
  </ContainerDetails>
</CTOReleaseCargoLines>
<CTOReleaseCargoLines>
  <ConsignmentItemNumber>2</ConsignmentItemNumber>
  <ImportVesselDetails>
    <LloydsNumber>8914001</LloydsNumber>
    <Name>KITANO</Name>
```





```
<VoyageNumber>045S</VoyageNumber>
<DischargePort>AUSYD</DischargePort>
<VesselOperatorCode>XYZ</VesselOperatorCode>
<VesselOperatorName>XYZ</VesselOperatorName>
<VesselEstimateArrivalDate>20101130</VesselEstimateArrivalDate>
</ImportVesselDetails>
<ContainerDetails>
  <ContainerNumber>STOP7654321</ContainerNumber>
  <HandlingInstructionsCode>GEN</HandlingInstructionsCode>
</ContainerDetails>
</CTOReleaseCargoLines>
</CTO_RELEASE>
```

## 5.2.4 Sample CTO RELEASE – CONTAINER RELEASE

Item	Value
Message Type	RELEASE
Container Number	STOP7654321
Lloyds number	9261748
Voyage number	024S
Departure Terminal	ASLPB
Rail Destination	MIST
Intermodal Rail Terminal	INDR
Response Email Address	<a href="mailto:test@1-stop.biz">test@1-stop.biz</a>
EIDO PIN	ABCDEFGG

```
<CTO_RELEASE xsi:noNamespaceSchemaLocation="CTO_Release-Version1.1.xsd"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
```

```
<CTOReleaseHeader>
  <MessageName>CTO RELEASE - CONTAINER RELEASE</MessageName>
  <MessageFunction>ORIGINAL</MessageFunction>
  <MessageEventDateTime>20110524102108</MessageEventDateTime>
  <Sender>
    <SenderCode>ABCD</SenderCode>
    <SenderRole>CONTRACTOR</SenderRole>
    <SendersPassword>test</SendersPassword>
```



```
<SendersMessageReferenceID>1STOP000033883</SendersMessageReferenceID>
<SendersMessageVersion>1</SendersMessageVersion>
<SendersEventDateTime>20110524102108</SendersEventDateTime>
</Sender>
<Receiver>
  <ReceiverCode>ASLPB</ReceiverCode>
  <ReceiverRole>CONTRACTOR</ReceiverRole>
</Receiver>
</CTOReleaseHeader>
<CTOReleaseDepartureDetails>
  <On-CarriageTransportDetails>
    <TransportMode>RAIL</TransportMode>
    <CarrierCode>INDR</CarrierCode>
    <CarrierName>INDEPENDENT RAILWAYS AUST PTY LTD</CarrierName>
  </On-CarriageTransportDetails>
  <Location>
    <PlaceOfDepartureCode>ASLPB</PlaceOfDepartureCode>
    <PlaceOfDepartureName>PATRICK, NS, PORT BOTANY</PlaceOfDepartureName>
    <PlaceOfDestinationCode>MIST</PlaceOfDestinationCode>
    <PlaceOfDestinationName>MACARTHUR INTERMODAL SHIPPING TERMINAL
LT</PlaceOfDestinationName>
  </Location>
  <Requester>
    <RequesterCode>INDR</RequesterCode>
    <RequesterRole>RAIOP</RequesterRole>
    <ContactEmail>test@1-stop.biz</ContactEmail>
  </Requester>
  <PlaceOfAvailability>
    <PlaceOfAvailabilityCode>ASLPB</PlaceOfAvailabilityCode>
    <PlaceOfAvailabilityName>PATRICK, NS, PORT BOTANY</PlaceOfAvailabilityName>
  </PlaceOfAvailability>
</CTOReleaseDepartureDetails>
<CTOReleaseCargoLines>
  <ConsignmentItemNumber>1</ConsignmentItemNumber>
  <ImportDeliveryNumber>ABCDEFG</ImportDeliveryNumber>
  <ImportVesselDetails>
    <LloydsNumber>9261748</LloydsNumber>
    <Name>MOL ENTERPRISE</Name>
```



```
<VoyageNumber>024S</VoyageNumber>
<DischargePort>AUSYD</DischargePort>
<VesselOperatorCode>XYZ</VesselOperatorCode>
<VesselOperatorName>XYZ</VesselOperatorName>
<VesselEstimateArrivalDate>20101130</VesselEstimateArrivalDate>
</ImportVesselDetails>
<ContainerDetails>
  <ContainerNumber>STOP7654321</ContainerNumber>
  <HandlingInstructionsCode>HAZ</HandlingInstructionsCode>
</ContainerDetails>
</CTOReleaseCargoLines>
</CTO_RELEASE>
```

### 5.3 CTO\_RELEASE\_SyntaxValidation XML Message Schema (CONTROL)

The XML schema for the [Rail Tagging and Release-ADM-CTO Release SchemaValidation Response.xsd](#) on the specification found on the 1-Stop website.

For more information on what is an XML Schema check out this link [http://www.w3schools.com/schema/schema\\_intro.asp](http://www.w3schools.com/schema/schema_intro.asp).

#### 5.3.1 What is a CTO\_RELEASE\_SyntaxValidation XML for?

This schema is the Control XML message clients receive as an acknowledgement whether the TAG/RELEASE request send has passed the validation. In EDI terminology CONTROL messages gives clients the description if the REQUEST received will be processed and which part of the message did not conform to the message specification.



### 5.3.2 CTO\_RELEASE\_SyntaxValidation XML Message Specification

XML Fields	Mandatory /Optional	Type	Length	Definition
<b>SyntaxValidationHeader</b>				
MessageName	M	String		<b>CTO RELEASE - SYNTAX VALIDATION RESPONSE</b>
MessageReferenceID	M	String		The Syntax Validation Message Reference Number
MessageResponseDateTi me	M	String	14	1-Stop Messaging Gateway Message Response Date/Time. Format - <b>CCYYMMDDHHMMSS</b>
<b>Sender</b>				
SenderCode	M	String		1-Stop Registered Code
<b>Receiver</b>				
ReceiverCode	M	String		ACOS Trading Code of CTO Rail Release Message Sender
<b>SyntaxValidationDetails</b>				
<b>SyntaxValidationStatus</b>				
RailReleaseMessageRefer enceID	M	String		The Message Reference Number in the Rail Release Message received
RailReleaseMessageVersi on	M	Integer		The Message Version Number in the Rail Release Message received
MessageResponseType	M	Sting		<b>CONTAINER RELEASE - CONTAINER RELEASE CONTAINER RELEASE – CONTAINER TAGGING</b>
MessageResponseStatus	O	String		<b>REJECTED ACKNOWLEDGED</b>
<b>SyntaxValidationErrors</b>				
ElementTagName	M	String		XML Element Tag Name with Errors
ParentElementTagName	O	String		PARENT Element Tag Name (COMPLEX ELEMENT)
ErrorDescription	M	String		Please refer to Appendix C



### 5.3.3 Sample CTO\_RELEASE\_SyntaxValidation (CONTROL) - REJECTED

Item	Value
Message Type	TAG
Sender Message Reference	TEST1234567
Message Status	REJECTED
Error Description	Duplicate Message Reference Number Detected

```
<CTO_RELEASE_SyntaxValidation>
  <SyntaxValidationHeader>
    <MessageName>CTO RELEASE - SYNTAX VALIDATION RESPONSE</MessageName>
    <MessageReferenceID></MessageReferenceID>
    <MessageResponseDateTime>20110627114917</MessageResponseDateTime>
    <Sender>
      <SenderCode>1STOP</SenderCode>
    </Sender>
    <Receiver>
      <ReceiverCode>XYZ</ReceiverCode>
    </Receiver>
  </SyntaxValidationHeader>
  <SyntaxValidationDetails>
    <SyntaxValidationStatus>
      <RailReleaseMessageReferenceID>TEST1234567</RailReleaseMessageReferenceID>
      <RailReleaseMessageVersion></RailReleaseMessageVersion>
      <MessageResponseType>CTO RELEASE - CONTAINER TAGGING</MessageResponseType>
      <MessageResponseStatus>REJECTED</MessageResponseStatus>
    </SyntaxValidationStatus>
    <SyntaxValidationErrors>
      <ElementTagName>SendersMessageReferenceID</ElementTagName>
      <ParentElementTagName>Sender</ParentElementTagName>
    </SyntaxValidationErrors>
  </SyntaxValidationDetails>
</CTO_RELEASE_SyntaxValidation>
```



```
<ErrorDescription>Duplicate Message Reference Number Detected</ErrorDescription>
</SyntaxValidationErrors>
</SyntaxValidationDetails>
</CTO_RELEASE_SyntaxValidation>
```

### 5.3.1 Sample CTO\_RELEASE\_SyntaxValidation (CONTROL) - ACKNOWLEDGED

Item	Value
Message Type	TAG
Sender Message Reference	TEST1234568
Message Status	ACKNOWLEDGED

```
<CTO_RELEASE_SyntaxValidation>
  <SyntaxValidationHeader>
    <MessageName>CTO RELEASE - SYNTAX VALIDATION RESPONSE</MessageName>
    <MessageReferenceID></MessageReferenceID>
    <MessageResponseDateTime>20110627130334</MessageResponseDateTime>
    <Sender>
      <SenderCode>1STOP</SenderCode>
    </Sender>
    <Receiver>
      <ReceiverCode>EXPWL</ReceiverCode>
    </Receiver>
  </SyntaxValidationHeader>
  <SyntaxValidationDetails>
    <SyntaxValidationStatus>
      <RailReleaseMessageReferenceID>TEST1234568</RailReleaseMessageReferenceID>
      <RailReleaseMessageVersion></RailReleaseMessageVersion>
      <MessageResponseType>CTO RELEASE - CONTAINER TAGGING</MessageResponseType>
      <MessageResponseStatus>ACKNOWLEDGED</MessageResponseStatus>
    </SyntaxValidationStatus>
  </SyntaxValidationDetails>
</CTO_RELEASE_SyntaxValidation>
```



```

</SyntaxValidationStatus>
</SyntaxValidationDetails>
</CTO_RELEASE_SyntaxValidation>

```

## 5.4 CTO\_RELEASE\_RESPONSE XML Message Schema

The XML schema for the [CTO\\_RELEASE\\_RESPONSE-Version1.2.xsd](#) on the specification found on the 1-Stop website.

For more information on what is an XML Schema check out this link [http://www.w3schools.com/schema/schema\\_intro.asp](http://www.w3schools.com/schema/schema_intro.asp).

### 5.4.1 What is the CTO\_RELEASE\_RESPONSE XML Message Schema for?

CTO\_RELEASE\_RESPONSE is the XML clients receive to confirm if the TAG/RELEASE request has been processed by the terminal.

### 5.4.2 CTO\_RELEASE\_RESPONSE XML Message Specification

XML Fields	Mandatory /Optional	Type	Length	Definition
<b>CTOReleaseResponseHeader</b>				
MessageName	M	String		<b>CTO RELEASE RESPONSE CONT_TAGGING RESPONSE</b>
MessageFunction	M	String		<b>ORIGINAL</b>
MessageEventDateTime	M	String	14	The Actual Date/Time the Message is sent from the System - 1-Stop Messaging Gateway or Terminal Systems. Format - <b>CCYYMMDDHHMMSS</b> (1-Stop Usage only)
<b>OriginalDocumentDetails</b>				
OriginalDocumentName	M	String		<b>CTO RELEASE - CONTAINER TAGGING CTO RELEASE - CONTAINER RELEASE</b>
OriginalDocumentNumber	M	String		Original Message Reference Number
OriginalDocumentVersion	M	Integer		Original Message Version Number



OriginalDocumentIssueDate	M	String	14	Original Document Date/Time of Issue. Format - <b>CCYYMMDDHHMMSS</b>
<b>Sender</b>				
SenderCode	M	String		1STOP Registered Code " <b>1STOP</b> "
SenderRole	M	String		<b>BUREAU</b> (for 1-Stop) <b>CONTRACTOR</b> (for CTO Terminal)
SendersMessageReferenceID	M	String		Senders Message Reference ID
SendersEventDateTime	M	String	14	Date/Time the message created in the Sender's System. Format - <b>CCYYMMDDHHMMSS</b>
<b>Receiver</b>				
ReceiverCode	M	String		<a href="#">ACOS Code</a> of the Terminal or Trading Code
ReceiverRole	M	String		<b>LINE</b> (Shippint Line) <b>BUREAU</b> <b>CARRIER</b> (Transport Carrier) <b>IMPORTER</b> <b>RAILOP</b> (Rail Operator)
<b>CTOReleaseResponseLines</b>				
ResponseCode	M	String		Please refer to Appendix B
ResponseDescription	M	String		CTO Release Response Description
Cargoidentifier	M	String	11	Container Number

### 5.4.3 Sample CONT\_TAGGING RESPONSE

Item	Value
Message Type	TAG RESPONSE
Container Number	STOP7654321
RESPONSE CODE	RR000

```

<CTO_RELEASE_RESPONSE>
  <CTOReleaseResponseHeader>
    <MessageName>CONT_TAGGING RESPONSE</MessageName>
    <MessageFunction>ORIGINAL</MessageFunction>
    <MessageEventDateTime>20110524101401</MessageEventDateTime>
  
```





```
<OriginalDocumentDetails>
  <OriginalDocumentName>CTO RELEASE - CONTAINER TAGGING</OriginalDocumentName>
  <OriginalDocumentNumber>1STOP000034933</OriginalDocumentNumber>
  <OriginalDocumentVersion>1</OriginalDocumentVersion>
  <OriginalDocumentIssueDateTime>20110524100601</OriginalDocumentIssueDateTime>
</OriginalDocumentDetails>
<Sender>
  <SenderCode>1STOP</SenderCode>
  <SenderRole>BUREAU</SenderRole>
  <SendersMessageReferenceID>1STOP000034933</SendersMessageReferenceID>
  <SendersEventDateTime>20110524100601</SendersEventDateTime>
</Sender>
<Receiver>
  <ReceiverCode>ABCD</ReceiverCode>
  <ReceiverRole>CONTRACTOR</ReceiverRole>
</Receiver>
</CTOReleaseResponseHeader>
<CTOReleaseResponseLines>
  <ResponseCode>RR000</ResponseCode>
  <ResponseDescription>CONTAINER ACCEPTED BY TERMINAL</ResponseDescription>
  <CargoIdentifier>STOP7654321</CargoIdentifier>
</CTOReleaseResponseLines>
</CTO_RELEASE_RESPONSE>
```

#### 5.4.4 Sample RAIL\_RELEASE RESPONSE

Item	Value
Message Type	RELEASE RESPONSE
Container Number	STOP7654321
RESPONSE CODE	RR000

```
<CTO_RELEASE_RESPONSE>
  <CTOReleaseResponseHeader>
    <MessageName>RAIL_RELEASE RESPONSE</MessageName>
    <MessageFunction>ORIGINAL</MessageFunction>
    <MessageEventDateTime>20110524132348</MessageEventDateTime>
  <OriginalDocumentDetails>
```



```
<OriginalDocumentName>CTO RELEASE - CONTAINER RELEASE</OriginalDocumentName>
<OriginalDocumentNumber>1STOP000034319</OriginalDocumentNumber>
<OriginalDocumentVersion>5</OriginalDocumentVersion>
<OriginalDocumentIssueDateTime>20110524131317</OriginalDocumentIssueDateTime>
</OriginalDocumentDetails>
<Sender>
  <SenderCode>1STOP</SenderCode>
  <SenderRole>BUREAU</SenderRole>
  <SendersMessageReferenceID>1STOP000034319</SendersMessageReferenceID>
  <SendersEventDateTime>20110524131317</SendersEventDateTime>
</Sender>
<Receiver>
  <ReceiverCode>ABCD</ReceiverCode>
  <ReceiverRole>CONTRACTOR</ReceiverRole>
</Receiver>
</CTOReleaseResponseHeader>
<CTOReleaseResponseLines>
  <ResponseCode>RR000</ResponseCode>
  <ResponseDescription>CONTAINER ACCEPTED BY TERMINAL</ResponseDescription>
  <CargoIdentifier>STOP7654321</CargoIdentifier>
</CTOReleaseResponseLines>
</CTO_RELEASE_RESPONSE>
```

#### 5.4.5 Sample ACCEPTED Email Response

##### 1-Stop Rail Release Response Message For Container [REDACTED]

[REDACTED]  
Sent: Wed 27/04/2011 11:22 AM  
To: [REDACTED]

Message ATT8244031.txt (1 KB)

Rail Release Message Type: CTO RELEASE - CONTAINER TAGGING

Container Number : [REDACTED]

Container Status : CONTAINER ACCEPTED BY TERMINAL

Departure Terminal: PATRICK, NS, PORT BOTANY

Destination: [REDACTED]

Rail Operator: [REDACTED]

Requested Departure Date:



#### 5.4.6 Sample REJECTED Email Response

##### 1-Stop Rail Release Response Message For Container [REDACTED]

[REDACTED]

Sent: Mon 27/06/2011 2:10 PM

To: [REDACTED]

Message ATT119538.txt (1 KB)

Rail Release Message Type: CTO RELEASE - CONTAINER TAGGING

Container Number : [REDACTED]

Container Status : CONTAINER NOT FOUND

Departure Terminal: PATRICK, NS, PORT BOTANY

Destination: [REDACTED]

Rail Operator: [REDACTED]



## 6 GETTING STARTED

### 6.1 Have you read the Customer User Guide?

We recommend that Administrators read the **Rail Tagging and Release Customer User Guide** before reading about the Administrator functions of each service. The Customer User Guide will demonstrate how the end-user operates the service. It will be easier to understand the Administrator functions if you also understand the customer context.

If you didn't receive the **Rail Tagging and Release Customer User Guide** when you received this, you can download it from [www.1-Stop.biz](http://www.1-Stop.biz).



## 7 HOW TO...

To send XML messages for Rail, you need to first register and then compose the XML messages.

### 7.1 How to register

To register for Rail Release XML Messaging, please download the registration form from. Click here: [form](#)

Email the completed form to [helpdesk@1-stop.biz](mailto:helpdesk@1-stop.biz) for processing.

### 7.2 How to send the XML message

You will have to send the XML message as a plain text email attachment with the following details:

Environment	Subject	Email address
Test (UAT)	RR_XML	<a href="mailto:stop20@test.1-stop.biz">stop20@test.1-stop.biz</a>
Production	RR_XML	<a href="mailto:railrelease@edi.1-stop.biz">railrelease@edi.1-stop.biz</a>



## 8 WHERE TO GET HELP

Help is available:

- from the FAQs in the 'Help' tab of our website <http://www.1-stop.biz> ;
- by email to [helpdesk@1-stop.biz](mailto:helpdesk@1-stop.biz); and
- from the 1-Stop Helpdesk on 1300 881 055.



## 9 GLOSSARY

See the Glossary in the Customer User Guide.



## APPENDIX A

These are the acceptable Loading terminal codes used by 1-Stop.

Terminal	Location	Code
Patrick	Brisbane – Fisherman Island 7	PTFIT
	Brisbane – Maritime Wharf	PTMAR
	Fremantle	ASLFR
	Melbourne – East Swanson	ASES1
	Melbourne – Webb Dock	NTLWD
	Sydney – Port Botany	ASLPB
	Sydney – Darling Harbour	PATDH
	Tasmania – Bell Bay	PTBEL
DP World	Brisbane – Fisherman Islands	CONFI
	Brisbane – Hamilton	CONHM
	Burnie	CONBN
	Darwin	CONDW
	Fremantle	CONFR
	Melbourne – West Swanson	CONWS
	Sydney – Port Botany	CTLPB
	Sydney – Glebe Island	CONGI
	Sydney – Darling Harbour	CONWB
	Tasmania – Bell Bay	CONBE





## APPENDIX B

Here is the list of Response Codes

Response Code	Description
RR000	CONTAINER ACCEPTED BY TERMINAL  (To be used when the CTO Release Instructions are validated and accepted by the Terminals)
RR001	INVALID MSG TYPE – 127 CONT TAGGING AND 129 CONT RELEASE – CORRECT AND RE-SUBMIT  (To be used when the Message Type specified in the CTO Release Instructions is not 127 Container Tagging or 129 Container Release)
RR002	INVALID MSG VERSION OR FUNCTION – 9 ORIGINAL, 4 CHANGE AND 1 CANCEL – CORRECT AND RE-SUBMIT  (To be used when the Message Function specified in the CTO Release Instructions is not 9 Original, 4 Change nor 1 Cancellation)
RR003	INVALID RESPONSE REQUEST TYPE – AB, AP, CA, RE OR BLANK ONLY – CORRECT AND RE-SUBMIT  (To be used when Response Request Type specified in the CTO Release Instructions is not AB Message Acknowledge Always, AP Message Acknowledgement for Accepted CTO Release Instruction, RE Message Acknowledgement for Rejected CTO Release Instruction)
RR004	CONTAINER NOT FOUND – CORRECT AND RE-SUBMIT  (To be used when Container Number specified is not found at the Terminal)
RR005	CONTAINER DEPARTURE NOT RAIL – CORRECT AND RE-SUBMIT
RR006	COMMERCIAL RELEASE NUMBER NOT FOUND – CORRECT AND RE-SUBMIT  (To be used when the E-IDO Pin has not been provided)
RR007	COMMERCIAL RELEASE NUMBER INCORRECT – CORRECT AND RE-SUBMIT  (To be used when E-IDO Pin given is incorrect)
RR008	WRONG TERMINAL – CORRECT AND RE-SUBMIT  (To be used when the specified Discharge Terminal is incorrect)
RR009	NO DESTINATION SPECIFIED – CORRECT AND RE-SUBMIT  (To be used when there is no Rail Destination specified)
RR010	DESTINATION NOT FOUND – CORRECT AND RE-SUBMIT
RR011	CONTAINER HAS NOT BEEN TAGGED – CORRECT AND RE-SUBMIT  (To be used when User sends in a Container Release Message without the prior Container Tagging Message)
RR012	BAYPLAN NOT FOUND FOR SPECIFIED CONTAINER - CONTACT TERMINAL



	(To be used when No Bay Plan for specified Container has not been received)
RR013	CONTAINER HAS BEEN DISCHARGED - CONTACT TERMINAL (To be used when Container has already been discharged and the Container Tagging Requester will have to contact the relevant Terminal directly)
RR014	CONTAINER HAS ALREADY BEEN TAGGED (To be used when the specified Container has already been tagged by other User, no further action required)
RR015	MAX 150 CONTAINERS CAN BE TAGGED PER MSG (To be used when User wants to tag or release more than 150 Containers)
RR016	RAIL OPERATOR MANDATORY FIELD MISSING – CORRECT AND RE-SUBMIT (To be used when the Mandatory Rail Operator Field is not provided)
RR017	RAIL OPERATOR NOT FOUND – CORRECT AND RE-SUBMIT (To be used when the Rail Operator specified cannot be found in the System)
RR018	RAIL DESTINATION NOT FOUND – CORRECT AND RE-SUBMIT (To be used when Rail Destination specified is not found)
RR019	SENDER PASSWORD INCORRECT – CORRECT AND RE-SUBMIT (To be used when the Sender Password Validation fails)
RR020	CONTAINER ALREADY DEPARTED TERMINAL - CONTACT TERMINAL (To be used when the Sender Password Validation fails)
RR999	CTO SYSTEM ERROR – AWAIT RESPONSE BEFORE RE-PROCESSING (To be used when the Sender Password Validation fails)



## APPENDIX C

Here is the list of Syntax Error Description

Error Code	Description
07	Invalid Recipient
12	Invalid Value Attribute
13	Tag Missing
14	Value Attribute not Supported in this Position
15	Tag not Supported in this Position
18	Unspecified Syntax Error
21	Invalid Character
23	Unknown Sender
26	Duplicate Message Reference Number Detected
33	Invalid Occurrence of Element
35	Too Many Data Element Repetitions