



Tracking XML API Implementation Guide Version 1.00

Revised: 1/21/2009

YRC Freight Tracking XML API Implementation Guide

SECTION 1 - NARRATIVE	1
SECTION 2 - INPUT PARAMETERS	2
SECTION 3 - OUTPUT PARAMETERS	4
SECTION 4 - XML EXAMPLES.....	8

YRC Freight Tracking XML API Implementation Guide

Section 1 - Narrative

The tracking API is a means by which a client can reference the www.yrcfreight.com tracking application from within an application program. The client will query the tracking API to receive basic tracking information for a specified shipment.

The API will support tracking by freight bill number or reference number. In return, the customer will receive basic tracking information along with the most current status for the specified shipment(s). When tracking by freight bill, users may request information for up to 200 freight bill numbers. When tracking by reference number, users may track up to 10 reference numbers at a time.

The API will use the same tracking application as on www.yrcfreight.com.

If a valid request is received, the YRC Freight host server will reply with an XML document containing tracking information, including Freight Bill Number, Reference Number and Type if originally provided, Pickup Date, Delivery Date (or projected delivery date if the shipment has not been delivered), Origin City, State and ZIP information, Destination City, State and ZIP information and current shipment status.

YRC Freight Tracking XML API Implementation Guide

Section 2 - Input Parameters

The following parameters must be included when posting to the YRC Tracking XML API at:

<http://my.yrc.com/dynamic/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryAPIController> .

(All parameters are required.)

Track by Freight Bill Number	
Field Name	Description
PRONumber	<p>YRC Freight unique shipment identifier is often referred to as Pro Number. Format is 999-999999-A,</p> <p>Where</p> <ul style="list-style-type: none"> ○ the first nine digits are the base number ○ the tenth digit is a check digit. <p>Note: Hyphens and check digit are optional. Minimum required is 999999999.</p> <p>When requesting multiple shipments, place a comma between each freight bill number. 999999999,88888888</p>
xml	Y

Track by a Single Reference Number	
Field Name	Description
pro0	This number can be any format alphanumeric.
type	<p>Valid values are: PO for Purchase Order BL for Bill of Lading number.</p> <p>If no value is passed, BL is assumed.</p>
ozip0	Origin ZIP code for first shipment. 5 numeric digits for U.S. shipments or 6 alphanumeric for Canada shipments.
dzip0	Destination ZIP code for first shipment. 5 numeric digits for U.S. shipments or 6 alphanumeric for Canada shipments.

YRC Freight Tracking XML API Implementation Guide

Track by a Single Reference Number	
Field Name	Description
xml	Y (A Y value will return an XML response; otherwise, the response will be in HTML)

Track by Multiple Reference Numbers	
Field Name	Description
xml	Default value is "Y". (A Y value will return an XML response; otherwise, the response will be in HTML)
type	Valid values are: PO for Purchase Order BL for Bill of Lading number.
pro0	Reference number for first shipment. This number can be any format alphanumeric.
ozip0	Origin ZIP code for first shipment. 5 numeric digits for U.S. shipments or 6 alphanumeric for Canada shipments.
dzip0	Destination ZIP code for first shipment. 5 numeric digits for U.S. shipments or 6 alphanumeric for Canada shipments.
pro1	Reference number for second shipment.
ozip1	Origin ZIP code for second shipment.
dzip1	Destination ZIP code for second shipment
Repeat this pattern with pro2, ozip2 and dzip2 through pro9, ozip9 and dzip9. You can track 10 shipments by reference number in one request.	

YRC Freight Tracking XML API Implementation Guide

Section 3 - Output Parameters

Element Name	Description	Example
returnCode	<p>This element indicates success or failure for the request with integer return code.</p> <p>00 is success 10 The number you requested was not found 15 ZIP Codes Required</p>	<returnCode>0015</returnCode>
returnMessage	Message corresponding to specified status code	<returnMessage>SUCCESS</returnMessage>
freightBillNumber	10-digit number that represents a unique YRC Freight shipment	<freightBillNumber>9007413277</freightBillNumber>
referenceNumber	<p>This value represents the customer's reference number</p> <p>This value will be populated only if the original request was to search by customer reference number</p>	<referenceNumber>325</referenceNumber>
originCity	The city in which the shipment originated	<originCity>FONTANA</originCity>
originState	The state in which the shipment originated	<originState>CA</originState>
originZip	The ZIP code in which the shipment originated	<originZip>92335</originZip>
destinationCity	The city for which the shipment is destined	<destinationCity>ORLANDO</destinationCity>
destinationState	The state for which the shipment is destined	<destinationState>FL</destinationState>

YRC Freight Tracking XML API Implementation Guide

destinationZip	The ZIP code for which the shipment is destined	<destinationZip>32809</destinationZip>
pickupDate	The date the shipment was picked up	<pickupDate>12/12/2008</pickupDate>
deliveredDate	The date in which the shipment is scheduled to be delivered or the date it was actually delivered if the shipment has already delivered	<deliveredDate>12/17/2008</deliveredDate>
tenderCode	Describes an additional action that was assigned to the shipment	<tenderCode xsi:type="xsd:string">APPOINTMENT REQUIRED.03/02/2007 07:00 - 10:00</tenderCode>
currentStatusCode	A code representing the type of status we are providing	<currentStatusCode>DELIVERED</currentStatusCode>
currentStatusDate	The date stamp this particular status was applied to the shipment	<currentStatusDate>12/17/2008</currentStatusDate>
currentStatusMessage	Text description representing the current status the shipment	<currentStatusMessage>DELIVERY DATE: 12/17/2008</currentStatusMessage>

YRC Freight Tracking XML API Implementation Guide

Notes:

Possible values return in status code and status message columns.

<u>StatusCode</u>	<u>Status Message</u>	<u>Comments</u>
Delivered	Delivered	Final delivery to consignee Shipment was spotted in consignee's yard
SPOT	Spotted at Consignee	Shipment is on the road for delivery
OFD	Out for Delivery	Shipment loaded on trailer for delivery
LDD	Loaded for Delivery	Shipment enroute to next destination
ENR	Trailer or Container 1234 is enroute to city, state	Shipment is loading at this terminal
LDG	Trailer or Container 1234 is loading at city, state	Shipment's trailer was closed at this terminal and is ready to move to next destination
CLS	Trailer or Container 1234 was closed at city, state	Shipment is on hand at this terminal location
ONH	Now on Trailer or Container 1234 and on hand at city, state	Shipment is on hand at the final destination terminal.
OHD	Now on Trailer or Container 1234 and on hand at city, state	Shipment is unloaded and on hand at this terminal
UNL	Trailer or Container 1234 unloading at city, state	Interline - The entire trailer has been given to another carrier.
OFL	Trailer or Container to carrier at city, state	Internal code marking
Tendered ICMX	Tendered ICMX mm/dd/yy	Shipment is destined to Mexico
Tendered MXEX	TNDR: MXEX mm/dd/yy by city state country DELAY	Shipment delayed at the U.S./Mexico border
FBO	Now at city, state, country	Shipment is picked up and at this terminal
Picked Up	Picked up from city, state	The shipment has been picked up.

YRC Freight Tracking XML API Implementation Guide

Unloaded	Unloaded at city, state	The shipment has been unloaded at the given location
Loaded	Loaded to trailer number at city state	This shipment has been loaded onto a trailer.

YRC Freight Tracking XML API Implementation Guide

Section 4 - XML Examples

This section documents an example XML response.

Track by Freight Bill Number Request

[http://my.yrc.com/dynamic/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryAPIController&PRONumber=\[pro_number\]&xml=Y](http://my.yrc.com/dynamic/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryAPIController&PRONumber=[pro_number]&xml=Y)

Track by Freight Bill Number for Multiple Pros Request

[http://my.yrc.com/dynamic/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryAPIController&xml=Y&PRONumber=\[pro_number\],\[pro_number\],\[pro_number\]](http://my.yrc.com/dynamic/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryAPIController&xml=Y&PRONumber=[pro_number],[pro_number],[pro_number])

YRC Freight Tracking XML API Implementation Guide

Track by *ONE* Reference Number Request

Request: Track by BOL

<http://my.yrc.com/dynamic/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryAPIController&xml=Y&pro0=nnnnn&ozip0=92335&dzip0=32809&type=BL&xml=Y>

Request: Track by PO

<http://my.yrc.com/dynamic/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryAPIController&xml=Y&pro0=nnnn&ozip0=92335&dzip0=32809&type=PO&xml=Y>

Track By *Multiple* Reference Number Request

<http://my.yrc.com/dynamic/national/servlet?CONTROLLER=com.rdwy.ec.retracking.http.controller.PublicTrailerHistoryAPIController&xml=Y&type=BL&pro0=nnnn&ozip0=nnnnn&dzip0=nnnnn&pro1=nnnnn&ozip1=nnnnn&dzip1=nnnnn&xml=Y>