



Please note, our XML services are for computer to computer communications only.

To use our secured services, [please click here to register with us](#).

If you choose to move forward with an XML implementation, please contact me and I will issue your company and authorization codes.

Thank you,

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### **Web Pickup Request XML Setup Requirements**

Canadian Freightways Web Services require authorization prior to use of XML.

Your company code is <requestor>ISSUEDBYCFL</requestor>.

Your authorization is <authorization>ISSUEDBYCFL</authorization>.

Both the element and data in these items are case sensitive.

### **General Programming Overview**

All elements are case sensitive. If casing is not correct, the system will assume the element is missing.

All request documents have an element called <testmode> which must be set to Y for testing. Once testing is complete either remove the element or set it to blank to initiate live data.

Please add <?xml version="1.0" encoding="ISO-8859-1"?> on the first line of the XML document. All response documents will contain this prefix.

Customer specific login and password are required for XML Images, please go to

<https://www.canadianfreightways.com/sign-up> to complete the web registration process.

### **Web Service URL XML/HTTP/POST**

Pickup Request: <https://www.canadianfreightways.com/xml/pickup>

## **Request Document – Pickup Request <pickuprequest>**

Element	Type	Required	Max Length Nbr Elements	Description
<pickuprequest>	Array	Yes	1	Document Name
<requestor>	String	Yes	6	Company Code (see above)
<authorization>	String	Yes	60	Company Authorization (see above)
<testmode>	String	No	1	Y – While testing pickup requests
<language>	String	No	2	en – English : fr – French
<shipper>	Array	Yes	1	Shipping Location
<country>	String	Yes	2	Country Code CN : Canada US : United States
<company>	String	Yes	30	Company Name
<address1>	String	Yes	30	Company Address
<unit>	String	No	5	Company Address Unit
<address2>	String	No	30	Company Additional Address Information
<city>	String	Yes	20	Company City
<state>	String	Yes	2	Company State or Province
<zip>	String	Yes	7	Postal or Zip Code
<contact>	String	Yes	30	Contact Name (at shipping location)
<phone>	Integer	Yes	10	Phone Number (of Shipper – include area code)
<phoneext>	Integer	No	4	Phone Extension
</shipper>				
<pickupdate>	Integer	Yes	8	Ship Date in CCYYMMDD Format
<readytime>	Integer	Yes	4	Local time freight is ready (see list)
<closetime>	Integer	Yes	4	Local time shipper closes (see list)
<service>	String	Yes	2	ST : Standard Service TS : Overnight (not available within all areas) GA : Peace of Mind by 9AM GP : Peace of Mind by Noon GX : Urgent
<tempctl>	String	No	2	CO : Cooler unit required HT : Heat required
<dclval>	Integer	No	7,2	Declared Value Amount e.g. 5034.22
<si>	Array	No	2	Special Instructions
<description>	String	No	30	Special Instruction Notes
</si>				
<rqby>	Array	Yes	3	Pickup Requestor Information
<email>	String	Yes	60	Valid eMail address
<phone>	Integer	Yes	10	Phone Number (with area code)
<name>	String	Yes	30	Requested By Name
</rqby>				

**Request Document – Pickup Request <pickuprequest> cont’d.**

<shipdetail>	Array	Yes	4	Shipment Detail (one required)
<line>	Array	Yes	1	Shipment Line Item
<zip>	String	Yes	7	Destination Zip or Postal Code
<pieces>	Integer	Yes	5	Number of Pieces
<pkg>	String	Yes	3	Packaging (see list)
<weight>	Integer	Yes	5	Weight in Pounds
<description>	String	Yes	30	Description of Freight
<haz>	String	No	1	Y : Hazardous Materials
</line>				
</shipdetail>				
<accitems>	Array	No	20	Additional Services (see list)
<item>	String	Yes	6	Code
</accitems>				
</pickuprequest>				

### **Ready Times**

Time	Value Accepted
8:00	0800
9:00	0900
10:00	1000
11:00	1100
12:00	1200
13:00	1300
14:00	1400
14:30	1430
15:00	1500
15:30	1530
16:00	1600
16:30	1630
17:00	1700
17:30	1730
18:00	1800

### **Close Times**

Time	Value Accepted
12:00	1200
12:30	1230
13:00	1300
13:30	1330
14:00	1400
14:30	1430
15:00	1500
15:30	1530
16:00	1600
16:30	1630
17:00	1700
17:30	1730
18:00	1800
18:30	1830
19:00	1900
19:30	1930
20:00	2000

### **Additional Services**

Code	Description
FLATB	Flat deck
FOOD	Food
INSP	Inside Pickup
OVER	Oversized
TGPU	Liftgate at Pickup
PRPC	Residential Pickup
PUPCF	Pup Trailer at Pickup
ST	Straight Truck at Pickup
TGPU	Tailgate (liftgate) at Pickup

### **Packaging Codes**

Code	Description
BAG	Bag
BAR	Barrel
BIN	Bins
BOX	Box
BDL	Bundle
CAN	Cans
CTN	Carton(s)
CRT	Crate
CYL	Cylinder
DRM	Drum
LSE	Loose Pieces
PLS	Pail(s)
PCS	Pieces
RCK	Rack(s)
REL	Reel
ROL	Roll
SKD	Skid(s)
SPL	Spool(s)
TOT	Tote(s)

## Example POST XML

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<pickuprequest>
  <requestor>ISSUEDBYCFL</requestor>
  <authorization>ISSUEDBYCFL</authorization>
  <testmode />
  <language>en</language>
  <shipper>
    <country>CN</country>
    <company>MY COMPANY NAME</company>
    <address1>123 Front St</address1>
    <unit>343</unit>
    <address2 />
    <city>CALGARY</city>
    <state>AB</state>
    <zip>T1A1A1</zip>
    <contact>My Contact Name</contact>
    <phone>4165555555</phone>
    <phoneext>1234</phoneext>
  </shipper>
  <pickupdate>20111111</pickupdate>
  <readytime>0800</readytime>
  <closetime>1600</closetime>
  <service>ST</service>
  <tempctl />
  <dclval>0</dclval>
  <si>
    <description>special instructions</description>
  </si>
  <rqby>
    <email>fred@fred.com</email>
    <phone>9999999999</phone>
    <name>fred jones</name>
  </rqby>
  <shipdetail>
    <line>
      <zip>90210</zip>
      <pieces>1</pieces>
      <pkg>BOX</pkg>
      <weight>100</weight>
      <description>LOTS OF STUFF</description>
      <haz>N</haz>
    </line>
    <line>
      <zip>L5L2Z7</zip>
      <pieces>4</pieces>
      <pkg>SKD</pkg>
      <weight>1005</weight>
      <description>BIG SKIDS</description>
      <haz>Y</haz>
    </line>
  </shipdetail>
  <accitems>
    <item>INSP</item>
  </accitems>
</pickuprequest>
```

## **Response Document – Pickup Request <puresults>**

Element	Type	Max Length Nbr Elements	Description
<puresults>	Array	1	Document Name
<errorcode>	String	10	Error Code <a href="#">Only returned if error</a>
<errmsg>	String	50	Error Message <a href="#">Only returned if error</a>
<errorline>	Integer	2	Error Line <a href="#">Only returned if error within shipment detail</a>

If no errors are returned, the pickup request status and confirmation number are returned.

<status>	String	2	Status of Pickup Request <a href="#">OK</a> : Request Accepted with return id <a href="#">CS</a> : Customer Care to Process Request
<confnbr>	Integer	13,0	Pickup Request Confirmation Number
</puresults>			

### **Example RESULTS XML**

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<puresults>
  <status>OK</status>
  <confnbr>320350450</confnbr>
</puresults>
```

Monday, January 23, 2017