



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

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

Thank you

Email: [edi@tst-cfexpress.com](mailto:edi@tst-cfexpress.com)

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

*TST-CF Express Web Services require authorization to our web API prior to use. Please contact [edi@tst-cfexpress.com](mailto:edi@tst-cfexpress.com) directly to obtain these codes.*

Your requestor code is <requestor>EXAMPLE</requestor>.  
Your authorization is <authorization>EXAMPLE</authorization>.

***REQUESTOR AND AUTHORIZATION are required only if your computer connects directly to the web API for TST-CF Express. If you are using a 3<sup>rd</sup> party (for example, Banyan Technologies, Process Weaver, ShipperHQ, Project 44, etc.) you do NOT REQUIRE a web API authorization as you are connecting to their systems, nor can TST-CF Express provide support for their systems.***

**ONE authorization is required per company using the web API.**

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.

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

Pickup Request: <https://www.tst-cfexpress.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 : Road G1 : TST-CF Guaranteed by 5PM G2 : TST-CF Guaranteed by 9AM* G3 : TST-CF Guaranteed by noon (requires prior authorization) IM : Rail*  *not available in all areas
<tempctl>	String	No	2	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>				
<shipdetail>	Array	Yes	4	Shipment Detail (one required)
<line>	Array	Yes	1	Shipment Line Item
<zip>	String	Yes	7	Destination Postal or Zip 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
<consignee>	String	No	30	Consignee Name
<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
OVER	Oversized / Extreme Length
FOOD	Food
PRP	Residential Pickup
INSPU	Inside Pickup
TGPU	Liftgate at Pickup
STRTRP	Straight Truck at Pickup
PUP	Pup Trailer at Pickup
POISN	Poison
FLATBO	Flatbed at Pickup
SHOWPU	Tradeshow Pickup
SCHOLP	School 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>EXAMPLE</requestor>
  <authorization>EXAMPLE</authorization>
  <testmode />
  <language>en</language>
  <shipper>
    <country>CN</country>
    <company>MY COMPANY NAME</company>
    <address1>123 Front St</address1>
    <unit>343</unit>
    <address2 />
    <city>MISSISSAUGA</city>
    <state>ON</state>
  </shipper>
  <zip>L5L2Z7</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>
      <consignee>FREDS AUTO SUPPLY</consignee>
      <haz>N</haz>
    </line>
  </shipdetail>
</pickuprequest>
```

```
<line>
<zip>L5L2Z7</zip>
  <pieces>4</pieces>
  <pkg>SKD</pkg>
  <weight>1005</weight>
  <description>BIG SKIDS</description>
  <haz>Y</haz>
</line>
</shipdetail>
<accitems>
  <item>INSPU</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 Service to Process Request
<confnbr>	String	15	Pickup Request Confirmation Number
</puresults>			

### **Example RESULTS XML**

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<puresults>
  <status>OK</status>
  <confnbr>750-350450</confnbr>
</puresults>
```

Tuesday, April 21, 2020