

New Penn Shipment Tracking Web Service Contents

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New Penn Shipment Tracking Web Service Version 3.1

The shipment tracking web service is modeled after the web site Shipment Tracking web page. Unlike the web page, only one New Penn pro number or pickup label number can be specified during a web service call. If you get a difference in results between the Shipment Tracking web page and this web service, please contact us.

In order to facilitate testing, we have set up a test web services server. The domain is **test.webservices.newpenn.com**. After testing is completed by you and confirmed by us, we will set you up on our production web services server domain: www.webservices.newpenn.com. The bottom of the **WSDL** contains a line with the local server domain (localhost: 9080). You need to substitute it (localhost: 9080) with either the test or production domains listed above.

Our test server is a “snapshot” in time from our production system and therefore will have the operating date when the snapshot was taken. Typically this snapshot is taken each month on the Thursday before the fourth Saturday of the month. As always, you may contact us to obtain the test operating date.

New Penn's IT department assigns the user ID (and password, if necessary) for the web service. New Penn's IT department can be reached via email at webservices@newpenn.com. It is important to remember the user id and password for the web service are NOT the same as the user id and password for the web page. The user id and password for the web service are issued on a company level whereas the user id and password for the web page are issued on a personal user level.

Web Service Version Changes

Version 3.0 Changes:

- 1) Latitude / Longitude returned.

Version 3.1 Changes:

- 1) Allows entry of Eight and Nine digit tracking numbers.

Web Services Parameters Table

Field Number Identifier	XML Field Name	Description	Error Message Id	Error Message
INPUT PARAMETERS				
1	trackingNumber	New Penn pro or pickup label number is a REQUIRED (8 or 9) numeric digits field.	WEB0066	Pro or pickup label not found.
			WEB0258	Pro or pickup label required for delivery notification.
			WEB0065	Pro must be 8 numeric digits; pickup label number sans check digit can be 8 or 9 numeric digits.
			WEB0080	No detail found for this pickup label number, try again later.
			WEB9998	Please call customer support.
			WEB0256	This shipment has been delivered. No NP-Connex Delivery Email Notification will be sent.
			WEB0257	Your NP-Connex email Delivery Notification will be sent at time of delivery.
			WEB0259	No pickup label number assigned to shipment. No NP-Connex Email Delivery Notification will be sent.
2	deliveryNotificationRequested	1 character field. Holds either a 'Y' or blank. If 'Y' for delivery notification flag, e-mail address required. CONDITIONAL. Must be a 'Y' if Delivery Notification E-Mail 1 or Delivery Notification E-Mail 2 is filled in.	WEB0178	Email address required for delivery notification.
3	deliveryNotificationEmail1	50 character alphanumeric field containing a valid e-mail address CONDITIONAL. Required in the cases where delivery notification is a 'Y'.	WEB0178	Email address required for delivery notification.
4	deliveryNotificationEmail2	50 character alphanumeric field containing a valid e-mail address		
5	userID	50 alphanumeric user name; REQUIRED. Must be valid user.	WEB0282	Web Service is not activated. Please call IT Department to activate.

OUTPUT PARAMETERS				
6	trackingRequestSequenceNumber		will always contain 001 - 3 numeric characters	
7	shipmentTrackingNumber		25 character alphanumeric field. Tracking # requested. If this is the Pro entered, the proOrPickupLabel will be the pickup label. If this was a pickup label entered, the proOrPickupLabel will be the pro number with dash.	
8	errorMessage		78 character field If this non-blank, you will not get back a shipment tracking response because there was an error.	
9	proOrPickupLabel		9 character alphanumeric field. See Shipment Tracking Number above.	
10	newPennOriginServiceCenter		25 character field	
11	newPennOriginServiceCenterState		Two character state/province abbreviation	
12	newPennDestinationServiceCenter		25 character field	
13	newPennDestinationServiceCenterState		Two character state/province abbreviation	
14	pickupDate		10 character date field in format of MM/DD/YYYY (including slashes). The pickup date unless transferred from carrier (partnerPickup is "Y") then this is the Date Received From Partner.	
15	partnerPickup		1 character field containing 'Y' or 'N'	
16	projectedDeliveryDate		10 character date field in format of MM/DD/YYYY (including slashes).	
17	deliveryDate		10 character date field in format of MM/DD/YYYY (including slashes).	
18	statusTime		8 character time field in format of HH:MM (AM or PM) (including colon). 1) The pickup completed time when pickupStatusShown is "Y" and the timeAlternate is not "Y". 2) The pickup completed prior to time when pickupStatusShown is "Y" and the timeAlternate is "Y". 3) The delivery completed by time when pickupStatusShown is not "Y" and the timeAlternate is "Y". 4) The delivery driver arrival time when	

		pickupStatusShown is not "Y" and the timeAlternate is not "Y".		
19	timeAlternate	1 character field		
20	currentStatus	80 character field containing the following status messages: CALL CUST SERVICE 800-950-5046 X4370' 'AT ORIGIN TERMINAL' 'IN-TRANSIT TO RELAY TERMINAL' 'AT RELAY TERMINAL' 'IN-TRANSIT TO DESTINATION TERMINAL' 'AT DESTINATION TERMINAL' 'DELIVERY APPOINTMENT SCHEDULED' 'DELIVERY APPOINTMENT NOT SECURED' 'OUT FOR DELIVERY TODAY' 'SCHEDULED FOR PICKUP TODAY' 'NOW ENROUTE TO BE DELIVERED' 'NOW ENROUTE TO BE PICKED UP' 'ENROUTE TO PARTNER CARRIER' 'NOW BEING DELIVERED' 'NOW BEING PICKED UP' 'TRANSFERRED TO PARTNER CARRIER' 'DELIVERED' 'PICKUP COMPLETED' 'PLANNED DELIVERY DATE' 'PLANNED FOR FUTURE PICK UP DATE' 'IN TRANSIT FROM SHIPPER' 'IN TRANSIT FROM PARTNER CARRIER' 'LOADING AT SHIPPER' 'LOADING AT PARTNER' 'WAITING TO CLEAR CUSTOMS'		
21	toPartnerDate	10 character date field in format of MM/DD/YYYY		
22	shipmentDestinationCity	20 character field		
23	shipmentDestinationState	Two character state/province abbreviation		
24	trailerNumber	10 character alphanumeric field The pickup trailer # when pickupStatusShown is "Y". The delivery trailer when pickupStatusShown is not "Y".		
25	appointmentContact	35 character field		
26	appointmentOpenTime	8 character time field in the format of HH:MM (AM or PM) (including the colon).		
27	appointmentCloseTime	8 character time field in the format of HH:MM (AM or PM) (including the colon).		
28	partnerCarrierName	25 character field		
29	partnerCarrierTerminalName	25 character field		

30	partnerCarrierTerminalAddress	25 character alphanumeric field		
31	partnerCarrierTerminalCity	20 character field		
32	partnerCarrierTerminalState	Two character state/province abbreviation		
33	partnerCarrierTerminalZip	5 character alphanumeric field		
34	partnerCarrierTerminalPhoneNumber	12 character alphanumeric in format of xxx-xxx-xxxx		
35	partnerCarrierTerminalTollFreePhoneNumber	12 character alphanumeric in format of xxx-xxx-xxxx		
36	partnerCarrierTerminalFaxNumber	12 character alphanumeric in format of xxx-xxx-xxxx		
37	partnerCarrierWebsite	100 character field link to Partner Carrier's Web Site (if it exists)		
38	partnerCarrierShipmentTrackingLink	150 character field link to Partner Carrier's Shipment Tracking Link Web Site (if it exists)		
39	deliveryNotificationResponseMessage	132 character field containing informational or error message regarding the NP-Connex email delivery notification requested. This may not keep the tracking response from being received.	WEB0256	This shipment has been delivered. No NP-Connex Delivery Email Notification will be sent.
			WEB0257	Your NP-Connex email Delivery Notification will be sent at time of delivery.
			WEB0259	No pickup label number assigned to shipment. No NP-Connex Email Delivery Notification will be sent.
40	pickupStatusShown	1 character Y/N field		
41	shipmentLatitude	13 characters		Returned if moving in trailer
42	shipmentLongitude	13 characters		Returned if moving in trailer

Example XML Request

```
- <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:q0="http://tracking"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  - <soapenv:Body>
    - <q0:track>
      <trackingNumber>11111111</trackingNumber>
      <deliveryNotificationRequested />
      <deliveryNotificationEmail1 />
      <deliveryNotificationEmail2 />
      <userId>Your Userid</userId>
    </q0:track>
  </soapenv:Body>
</soapenv:Envelope>
```


Example XML Response

```
- <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:soapenc="http://schemas.xmlsoap.org/soap/encoding/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
- <soapenv:Body>
  - <p81:trackResponse xmlns:p81="http://tracking">
    - <trackReturn>
      - <TrackingStatus>
        <trackingRequestSequenceNumber>1</trackingRequestSequenceNumber>
        <shipmentTrackingNumber>11111111</shipmentTrackingNumber>
        <errorMessage />
        <proOrPickupLabel>22222222</proOrPickupLabel>
        <newPennOriginServiceCenter>TRENTON</newPennOriginServiceCenter>
        <newPennOriginServiceCenterState>NJ</newPennOriginServiceCenterState>
        <newPennDestinationServiceCenter>BILLERICA</newPennDestinationServiceCenter>
        <newPennDestinationServiceCenterState>MA</newPennDestinationServiceCenterState>
        <pickupDate>01/23/2013</pickupDate>
        <partnerPickup>N</partnerPickup>
        <projectedDeliveryDate>01/24/2013</projectedDeliveryDate>
        <deliveryDate />
        <statusTime />
        <timeAlternate />
        <currentStatus>OUT FOR DELIVERY TODAY</currentStatus>
        <toPartnerDate />
        <shipmentDestinationCity>BEDFORD</shipmentDestinationCity>
        <shipmentDestinationState>MA</shipmentDestinationState>
        <trailerNumber>48058</trailerNumber>
        <appointmentContact />
        <appointmentOpenTime />
        <appointmentCloseTime />
        <partnerCarrierName />
        <partnerCarrierTerminalName />
        <partnerCarrierTerminalAddress />
        <partnerCarrierTerminalCity />
        <partnerCarrierTerminalState />
        <partnerCarrierTerminalZip />
        <partnerCarrierTerminalPhoneNumber />
        <partnerCarrierTerminalTollFreePhoneNumber />
        <partnerCarrierTerminalFaxNumber />
        <partnerCarrierWebsite />
        <partnerCarrierShipmentTrackingLink />
        <deliveryNotificationResponseMessage />
        <pickupStatusShown />
        <shipmentLatitude />
        <shipmentLongitude />
      </TrackingStatus>
    </trackReturn>
  </p81:trackResponse>
</soapenv:Body>
</soapenv:Envelope>
```

Shipment Tracking WSDL Changes

```
<wsdl:port binding="impl:ShipmentTracking2SoapBinding" name="ShipmentTracking2">  
  <wsdlsoap:address location="http://localhost:9080/shipmentTracking2NP/services/ShipmentTracking2"/>  
  
</wsdl:port>
```

Becomes:

Test:

```
<wsdl:port binding="impl:ShipmentTracking2SoapBinding" name="ShipmentTracking2">  
  <wsdlsoap:address location="http://test.webservices.newpenn.com/shipmentTracking2NP/services/ShipmentTracking2"/>  
  
</wsdl:port>
```

Production:

```
<wsdl:port binding="impl:ShipmentTrackingSoapBinding" name="ShipmentTracking2">  
  <wsdlsoap:address location="http://www.webservices.newpenn.com/shipmentTracking2NP/services/ShipmentTracking2"/>  
  
</wsdl:port>
```

