



www.peninsulatruck.com

P.O. Box 587 (98071-0587)
1010 S 336th, Suite 202
Federal Way, Washington 98003

Office (253) 929-2000
Fax (253) 929-2041
Toll Free (800) 942-9909

Pens Bill of Lading Web Service Implementation Guide

Dated: October 3, 2017 **Peninsula Truck Lines, Inc.**
Pens Bill Of Lading Web Service Implementation Guide

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Peninsula Truck Lines, Inc.

Pens Bill Of Lading Web Service Implementation Guide

SECTION 1 – GENERAL

The Peninsula truck Lines Bill of Lading web service system provides customers with the ability to regenerate BOL pdf document via web services. An HTTP call is made by the customer's application and processed by the BOL web service system and it returns customers with XML Data format and binary data format.

SECTION 2 – CALLING THE BILL OF LADING WEB SERVICE

CALLING PARAMETERS

Input Parameter Table

Parameter Name	Description
userId	Web user identification
password	Web user password
account	Peninsula truck line customer / account number
shipperName	Shipper name
shipperAddress	Shipper Address
shipperCity	Shipper City
shipperState	Shipper State
shipperZipCode	Shipper Zip code
shipperPhone	Shipper Phone number
consigneeName	Consignee Name
consigneeAddress	Consignee Address
consigneeCity	Consignee City
consigneeState	Consignee State
consigneeZipCode	Consignee Zip code
billType	Billing Type (P or C)
shipNumber	Shipping Number
purchOrderNumber	Purchase Order Number
rateQuoteNumber	Peninsula truck Lines Rate Quote Number

billToName	Billed to Name
billToAddress	Billed to Address
billToCity	Billed to City
billToState	Billed to State
billToZipCode	Billed to Zip code
remitToName	Remitted to Name
remitToAddress	Remitted to address
remitToCity	Remitted to City
remitToState	Remitted to State
remitToZipCode	Remitted to Zip code
shipmentPiecesList	Shipment - Quantity or number of pieces list
shipmentPkgTypeList	Shipment - Type of package list
shipmentIsHazmatList	Shipment - Package is hazardous material list (Y or N)
hazmatPhone	Phone number to call for hazardous material
contactSubscriberName	Contact person name or subscriber name for hazardous material
shipmentPkgDescList	Shipment - Package description list
shipmentNMFCClassList	Shipment - Class list
shipmentNMFCItemList	Shipment - Class Item List
shipmentWeightsList	Shipment - Weights list (in pounds)
accessorialList	Accessorial Codes list
codPaidby	C.O.D. Code paid by (C OR S)
codCheckType	C.O.D. Code check type (B OR C)
dimensionPiecesList	List of quantity or total pieces for dimensions
dimensionLengthList	Dimension – Length (in inches)
dimensionWidthList	Dimension – Width (in inches)
dimensionHeightList	Dimension – Height (in inches)
specHandleInstructions	Special handling instructions for shipments
nonePalletizedMode	Enforced to do regular shipment (none Palletized).
isPickupRequest	Pickup request (Y or N or Blank)
shipperContact	Shipper Contact Name

pickupDate	Date to pick up (MM/DD/YY)
pickupReadyTime	Hour/Time ready for pick up
dockCloseTime	Closing Dock time/hour
noteToDispatcher	Special message to inform dispatcher

Shipper (Name, Address, City, State, Zip Code and phone):

The parameters shipperName, shipperAddress, shipperCity, shipperState, shipperZipCode and shipperPhone are required.

Consignee (Name, Address, City, State and Zip Code):

The parameters consigneeName, consigneeAddress, consigneeCity, consigneeState and consigneeZipCode are required.

Billed To (Name, Address, City, State and Zip Code):

The parameters billToName, billToAddress, billToCity, billToState and billToZipCode are required.

Bill Type (billType):

The parameter must be P or C (P = Prepaid, C=Collect).

Remitted To (Name, Address, City, State and Zip Code):

The parameters remitToName, remitToAddress, remitToCity, remitToState and remitToZipCode are required when:

- a. The shipment is a C.O.D.
- b. The C.O.D Payment to is different from shipper.

Shipper Number (shipNumber):

The parameter is optional. It references to none Pens Bill of Lading number.

Purchasing Order Number (purchOrderNumber):

The parameter is optional. It references to none Pens PO number.

Rate Quote Number (rateQuoteNumber):

The parameter is optional. It references to the Peninsula truck Lines Rate quote number.

Shipment Detail List:

Multiple items must be delimited with a comma.

- a. **shipmentPiecesList:** the parameter must numeric. Decimal number is not allowed.
- b. **shipmentPkgTypeList:** is required when its shipment line is hazardous material. Note: If the shipment lane is palletized lane, the web service will over write the contents with the word 'PLT'.

- c. **shipmentIsHazmatList:** can be Y or N (Default is blank = 'N'). the parameter shipmentPkgTypeList is required when the parameter shipmentIsHazmatList is 'Y'.
- d. **shipmentPkgDescList:** the parameter is required. Comma is not allowed.
- e. **shipmentNMFCClassList:** the parameter is required.
- f. **shipmentNMFItemList:** the parameter is optional.
- g. **shipmentWeightsList:** the parameter is required. It must be numeric. Decimal number is not allowed.

Hazardous Materials:

The parameters are required when any line in shipments indicates that it is hazardous material.

- a. **hazmatPhone:** the parameter references to emergency phone number.
- b. **contactSubscriberName:** the parameter references to contact name or subscriber.

Accessorial Codes List (accessorialList):

The parameter is optional. Multiple items must be delimited with a comma.

Accessorial codes that are accepted by the BOL web service are presented in the following table. These codes are for the most common accessorial codes.

Accessorial Code Table

Code	Description
AF1	Appointment code
CF1	C.O.D. code (the C.O.D. amount must be appended to the accessorial code.)
CD1	Construction site delivery code
DL1	Delivery Limited Access
FV1	Full Value Insurance code (the declare amount must be appended to the accessorial code)
IB1	In bond code
ID1	Inside delivery code (ground level)
IP1	Inside Pickup code (ground level)
SP1LD	Lift gate delivery code
LP1	Lift gate pickup code
OL1	Over length charge for items over 12 feet
RD1	Residential delivery code
RP1	Residential pickup code
SP1G9	Guaranteed delivery by 9:00AM code
SP1G12	Guaranteed delivery by noon code

The following rules apply to accessorial code parameters:

- Accessorial codes can be passed in any order.
- The C.O.D. amount must be appended to the C.O.D. code.
- The declared value must be appended to the FV1 code
- The BOL engine will insert 'SHP1HA' when it detects hazardous material in shipment detail list.

An example of a valid accessorial parameter is CF1 1425, FV1 5000, SP1G9 or CF11425, FV15000, SP1G9

Non-Palletized Mode (nonePalletizedMode):

The bill of lading web service engine will forced to use NMFC class codes instead of palletized code when the entered parameter is "Y".

C. O. D. Shipment (codPaidBy and codCheckType):

The parameter **accessorialList** must have 'CF1' code to indicate that the shipment is a C.O.D shipment.

The parameters are required when it C.O.D shipment.

- codPaidby:** the parameter must be C or S (C = consignee, S = Shipper).
- codPaidby:** the codes are B or C (B=Cashier's check or C=Consignee check okay).

Dimensions List:

Multiple items must be delimited with a comma. These parameters are optional however, they are required when the parameter **isPickupRequest** is 'Y'.

- dimensionPiecesList:** the parameter must be number. Decimal number is not allowed. It references to total pieces or quantity of each dimension list.
- dimensionLengthList:** the parameter must be number. Decimal number is not allowed. It references to length of a dimension and it is in inches.
- dimensionWidthList:** the parameter must be number. Decimal number is not allowed. It references to width of a dimension and it is in inches.
- dimensionHeightList:** the parameter must be number. Decimal number is not allowed. It references to height of a dimension and it is in inches.

Special Handling Instructions (specHandleInstructions):

This parameter is optional. It references to note, description, or special handling instructions.

Pickup Request (isPickupRequest)

The parameter is optional. It must be 'Y' or <blank> (<blank>='N').

A pickup request will be generated and dispatcher will be informed when this entered parameter is "Y" and the parameters shipperContact, pickupDate, pickupReadyTime, docCloseTime are required except the parameter noteToDispatcher.

- shipperContact:** shipper Name or Contact Person Name
- pickupDate:** Date to be picked up ('MM/DD/YY')
- pickupReadyTime:** Time Ready to be picked up (military time, example 15:00 or 10:00)

- d. **dockCloseTime:** dock closing time (military time, example 15:00 or 10:00)
- e. **noteToDispatcher:** Note to dispatcher

CALLING METHODS

The BOL web service can be requested with one of four methods: SOAP 1.1, SOAP 1.2, HTTP GET, and HTTP POST. The request and response for each type follow. It should be noted that the response will include either the XML quote or errors attribute depending upon whether a runtime error occurred when the service was called. An error message will be returned if a runtime error occurs.

SOAP 1.1

The following is a sample SOAP 1.1 request and response. The **placeholders** shown need to be replaced with actual values.

```
POST /webservicess/pensrater.asmx HTTP/1.1
Host: www.peninsulatruck.com Content-
Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://peninsulatruck.com/WebServices/CreateBillofLading"
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
<soap:Body>
  <CreateBillofLading xmlns="http://peninsulatruck.com/WebServices">
```



```
<userId>string</userId>
<password>string</password>
<account>string</account>
<shipperName>string</shipperName>
<shipperAddress>string</shipperAddress>
<shipperCity>string</shipperCity>
<shipperState>string</shipperState>
<shipperZipCode>string</shipperZipCode>
<shipperPhone>string</shipperPhone>
<consigneeName>string</consigneeName>
<consigneeAddress>string</consigneeAddress>
<consigneeCity>string</consigneeCity>
<consigneeState>string</consigneeState>
<consigneeZipCode>string</consigneeZipCode>
<consigneePhone>string</consigneePhone>
<billType>string</billType>
<shipNumber>string</shipNumber>
<purchOrderNumber>string</purchOrderNumber>
<rateQuoteNumber>string</rateQuoteNumber>
<billToName>string</billToName>
<billToAddress>string</billToAddress>
<billToCity>string</billToCity>
<billToState>string</billToState>
<billToZipCode>string</billToZipCode>
<remitToName>string</remitToName>
<remitToAddress>string</remitToAddress>
<remitToCity>string</remitToCity>
<remitToState>string</remitToState>
<remitToZipCode>string</remitToZipCode>
<shipmentPiecesList>string</shipmentPiecesList>
<shipmentPkgTypeList>string</shipmentPkgTypeList>
<shipmentIsHazmatList>string</shipmentIsHazmatList>
<hazmatPhone>string</hazmatPhone>
<contactSubscriberName>string</contactSubscriberName>
<shipmentPkgDescList>string</shipmentPkgDescList>
<shipmentNMFCClassList>string</shipmentNMFCClassList>
<shipmentNMFCItemList>string</shipmentNMFCItemList>
<shipmentWeightsList>string</shipmentWeightsList>
<accessorialList>string</accessorialList>
<codPaidBy>string</codPaidBy>
<codCheckType>string</codCheckType>
<dimensionPiecesList>string</dimensionPiecesList>
<dimensionLengthList>string</dimensionLengthList>
<dimensionWidthList>string</dimensionWidthList>
<dimensionHeightList>string</dimensionHeightList>
<specHandleInstructions>string</specHandleInstructions>
<nonePalletizedMode>string</nonePalletizedMode>
<isPickupRequest>string</isPickupRequest>
<shipperContact>string</shipperContact>
<pickupDate>string</pickupDate>
<pickUpReadyTime>string</pickUpReadyTime>
<dockCloseTime>string</dockCloseTime>
<noteToDispatcher>string</noteToDispatcher>
</CreateBillOfLading>
```

```
</soap:Body>  
</soap:Envelope> HTTP/1.1  
200 OK
```

Content-Type: text/xml; charset=utf-8
Content-Length: **length**

```
<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <CreateBillOfLadingResponse xmlns="http://peninsulatruck.com/WebServices">
      <CreateBillOfLadingResult>
        <BolNumber>string</BolNumber>
        <UserId>string</UserId>
        <BolDate>string</BolDate>
        <ShipperName>string</ShipperName>
        <ShipperAddress>string</ShipperAddress>
        <ShipperCity>string</ShipperCity>
        <ShipperState>string</ShipperState>
        <ShipperZip>string</ShipperZip>
        <ShipperPhone>string</ShipperPhone>
        <ConsigneeName>string</ConsigneeName>
        <ConsigneeAddress>string</ConsigneeAddress>
        <ConsigneeCity>string</ConsigneeCity>
        <ConsigneeState>string</ConsigneeState>
        <ConsigneeZip>string</ConsigneeZip>
        <ConsigneePhone>string</ConsigneePhone>
        <BillToName>string</BillToName>
        <BillToAddress>string</BillToAddress>
        <BillToCity>string</BillToCity>
        <BillToState>string</BillToState>
        <BillToZip>string</BillToZip>
        <RemitToName>string</RemitToName>
        <RemitToAddress>string</RemitToAddress>
        <RemitToCity>string</RemitToCity>
        <RemitToState>string</RemitToState>
        <RemitToZip>string</RemitToZip>
        <ShipNumber>string</ShipNumber>
        <PurNumber>string</PurNumber>
        <RateQuoteNumber>string</RateQuoteNumber>
        <TypeBill>string</TypeBill>
        <DeclaredValue>string</DeclaredValue>
        <CodAmount>string</CodAmount>
        <CodPaidBy>string</CodPaidBy>
        <CodTypeCheck>string</CodTypeCheck>
        <EmergencyPhone>string</EmergencyPhone>
        <ContractSubscriber>string</ContractSubscriber>
      <SpecialInstructions>string</SpecialInstructions>
      <BolShipments>
        <BolShipment>
          <Piece>string</Piece>
          <PieceType>string</PieceType>
          <Hazmat>string</Hazmat>
          <PkgDesc>string</PkgDesc>
        </BolShipment>
      </BolShipments>
    </CreateBillOfLadingResult>
  </soap:Body>
</soap:Envelope>
```

```
<NMFCClass>string</NMFCClass>  
<NMFCItem>string</NMFCItem>  
<Weight>string</Weight>  
</BolShipment>  
<BolShipment>
```

```

    <Piece>string</Piece>
    <PieceType>string</PieceType>
    <Hazmat>string</Hazmat>
    <PkgDesc>string</PkgDesc>
    <NMFCClass>string</NMFCClass>
    <NMFCItem>string</NMFCItem>
    <Weight>string</Weight>
  </BolShipment>
</BolShipments>
<BolDimensions>
  <BolDimension>
    <DimensionPiece>string</DimensionPiece>
    <DimensionWidth>string</DimensionWidth>
    <DimensionLength>string</DimensionLength>
    <DimensionHeight>string</DimensionHeight>
  </BolDimension>
  <BolDimension>
    <DimensionPiece>string</DimensionPiece>
    <DimensionWidth>string</DimensionWidth>
    <DimensionLength>string</DimensionLength>
    <DimensionHeight>string</DimensionHeight>
  </BolDimension>
</BolDimensions>
<BolAccessorials>
  <BolAccessorial>
    <AccessorialCode>string</AccessorialCode>
    <AccessorialDesc>string</AccessorialDesc>
  </BolAccessorial>
  <BolAccessorial>
    <AccessorialCode>string</AccessorialCode>
    <AccessorialDesc>string</AccessorialDesc>
  </BolAccessorial>
</BolAccessorials>
<BinDatafile>base64Binary</BinDatafile>
<PickUpRecord>
  <pickupShipment>
    <shipperInfo xsi:nil="true" />
    <pickupInfo xsi:nil="true" />
    <shipmentDetail xsi:nil="true" />
    <accessorialDetail xsi:nil="true" />
  </pickupShipment>
  <pickupRemark>
    <remarkItem xsi:nil="true" />
    <remarkItem xsi:nil="true" />
  </pickupRemark>
  <errors>
    <number>string</number>
    <message>string</message>
  </errors>
</PickUpRecord>
<errors>
  <Number>string</Number>
  <Message>string</Message>
</errors>

```

```
</CreateBillOfLadingResult>
</CreateBillOfLadingResponse>
</soap:Body>
</soap:Envelope>
```

SOAP 1.2

The following is a sample SOAP 1.2 request and response. The **placeholders** shown need to be replaced with actual values.

```
POST /webservicess/pensrater.asmx HTTP/1.1
Host: www.peninsulatruck.com
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length
```

```
<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <CreateBillOfLading xmlns="http://peninsulatruck.com/WebServices">
      <userId>string</userId>
      <password>string</password>
      <account>string</account>
      <shipperName>string</shipperName>
      <shipperAddress>string</shipperAddress>
      <shipperCity>string</shipperCity>
      <shipperState>string</shipperState>
      <shipperZipCode>string</shipperZipCode>
      <shipperPhone>string</shipperPhone>
      <consigneeName>string</consigneeName>
      <consigneeAddress>string</consigneeAddress>
      <consigneeCity>string</consigneeCity>
      <consigneeState>string</consigneeState>
      <consigneeZipCode>string</consigneeZipCode>
      <consigneePhone>string</consigneePhone>
      <billType>string</billType>
      <shipNumber>string</shipNumber>
      <purchOrderNumber>string</purchOrderNumber>
```

```

<rateQuoteNumber>string</rateQuoteNumber>
<billToName>string</billToName>
<billToAddress>string</billToAddress>
<billToCity>string</billToCity>
<billToState>string</billToState>
<billToZipCode>string</billToZipCode>
<remitToName>string</remitToName>
<remitToAddress>string</remitToAddress>
<remitToCity>string</remitToCity>
<remitToState>string</remitToState>
<remitToZipCode>string</remitToZipCode>
<shipmentPiecesList>string</shipmentPiecesList>
<shipmentPkgTypeList>string</shipmentPkgTypeList>
<shipmentIsHazmatList>string</shipmentIsHazmatList>
<hazmatPhone>string</hazmatPhone>
<contactSubscriberName>string</contactSubscriberName>
<shipmentPkgDescList>string</shipmentPkgDescList>
<shipmentNMFCClassList>string</shipmentNMFCClassList>
<shipmentNMFCItemList>string</shipmentNMFCItemList>
<shipmentWeightsList>string</shipmentWeightsList>
<accessorialList>string</accessorialList>
<codPaidBy>string</codPaidBy>
<codCheckType>string</codCheckType>
<dimensionPiecesList>string</dimensionPiecesList>
<dimensionLengthList>string</dimensionLengthList>
<dimensionWidthList>string</dimensionWidthList>
<dimensionHeightList>string</dimensionHeightList>
<specHandleInstructions>string</specHandleInstructions>
<nonePalletizedMode>string</nonePalletizedMode>
<isPickupRequest>string</isPickupRequest>
<shipperContact>string</shipperContact>
<pickupDate>string</pickupDate>
<pickUpReadyTime>string</pickUpReadyTime>
<dockCloseTime>string</dockCloseTime>
<noteToDispatcher>string</noteToDispatcher>
</CreateBillOfLading>
</soap12:Body>
</soap12:Envelope>
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <CreateBillOfLadingResponse xmlns="http://peninsulatruck.com/WebServices">
      <CreateBillOfLadingResult>
        <BolNumber>string</BolNumber>
        <UserId>string</UserId>
        <BolDate>string</BolDate>
        <ShipperName>string</ShipperName>
        <ShipperAddress>string</ShipperAddress>

```

```
<ShipperCity>string</ShipperCity>
<ShipperState>string</ShipperState>
<ShipperZip>string</ShipperZip>
<ShipperPhone>string</ShipperPhone>
<ConsigneeName>string</ConsigneeName>
<ConsigneeAddress>string</ConsigneeAddress>
<ConsigneeCity>string</ConsigneeCity>
<ConsigneeState>string</ConsigneeState>
<ConsigneeZip>string</ConsigneeZip>
<ConsigneePhone>string</ConsigneePhone>
<BillToName>string</BillToName>
<BillToAddress>string</BillToAddress>
<BillToCity>string</BillToCity>
<BillToState>string</BillToState>
<BillToZip>string</BillToZip>
<RemitToName>string</RemitToName>
<RemitToAddress>string</RemitToAddress>
<RemitToCity>string</RemitToCity>
<RemitToState>string</RemitToState>
<RemitToZip>string</RemitToZip>
<ShipNumber>string</ShipNumber>
<PurNumber>string</PurNumber>
<RateQuoteNumber>string</RateQuoteNumber>
<TypeBill>string</TypeBill>
<DeclaredValue>string</DeclaredValue>
```



```

<CodAmount>string</CodAmount>
<CodPaidBy>string</CodPaidBy>
<CodTypeCheck>string</CodTypeCheck>
<EmergencyPhone>string</EmergencyPhone>
<ContractSubscriber>string</ContractSubscriber>
<SpecialInstructions>string</SpecialInstructions>
<BolShipments>
  <BolShipment>
    <Piece>string</Piece>
    <PieceType>string</PieceType>
    <Hazmat>string</Hazmat>
    <PkgDesc>string</PkgDesc>
    <NMFCClass>string</NMFCClass>
    <NMFCItem>string</NMFCItem>
    <Weight>string</Weight>
  </BolShipment>
  <BolShipment>
    <Piece>string</Piece>
    <PieceType>string</PieceType>
    <Hazmat>string</Hazmat>
    <PkgDesc>string</PkgDesc>
    <NMFCClass>string</NMFCClass>
    <NMFCItem>string</NMFCItem>
    <Weight>string</Weight>
  </BolShipment>
</BolShipments>
<BolDimensions>
  <BolDimension>
    <DimensionPiece>string</DimensionPiece>
    <DimensionWidth>string</DimensionWidth>
    <DimensionLength>string</DimensionLength>
    <DimensionHeight>string</DimensionHeight>
  </BolDimension>
  <BolDimension>
    <DimensionPiece>string</DimensionPiece>
    <DimensionWidth>string</DimensionWidth>
    <DimensionLength>string</DimensionLength>
    <DimensionHeight>string</DimensionHeight>
  </BolDimension>
</BolDimensions>
<BolAccessories>
  <BolAccessory>
    <AccessoryCode>string</AccessoryCode>
    <AccessoryDesc>string</AccessoryDesc>
  </BolAccessory>
  <BolAccessory>
    <AccessoryCode>string</AccessoryCode>
    <AccessoryDesc>string</AccessoryDesc>
  </BolAccessory>
</BolAccessories>
<BinDatafile>base64Binary</BinDatafile>
<PickUpRecord>

```

```
<pickupShipment>  
  <shipperInfo xsi:nil="true" />  
  <pickupInfo xsi:nil="true" />  
  <shipmentDetail xsi:nil="true" />  
  <accessorialDetail xsi:nil="true" />
```



```

    </pickupShipment>
    <pickupRemark>
      <remarkItem xsi:nil="true" />
      <remarkItem xsi:nil="true" />
    </pickupRemark>
    <errors>
      <number>string</number>
      <message>string</message>
    </errors>
  </PickUpRecord>
  <errors>
    <Number>string</Number>
    <Message>string</Message>
  </errors>
</CreateBillOfLadingResult>
</CreateBillOfLadingResponse>
</soap12:Body>
</soap12:Envelope>

```

HTTP GET

The following is a sample HTTP GET request and response. The **placeholders** shown need to be replaced with actual values.

```

GET
/webservices/pensrater.asmx/CreateBillOfLading?userId=string&password=string&account=string&shipperName=string&shipperAddress=string&shipperCity=string&shipperState=string&shipperZipCode=string&shipperPhone=string&consigneeName=string&consigneeAddress=string&consigneeCity=string&consigneeState=string&consigneeZipCode=string&consigneePhone=string&billType=string&shipNumber=string&purchOrderNumber=string&rateQuoteNumber=string&billToName=string&billToAddress=string&billToCity=string&billToState=string&billToZipCode=string&remitToName=string&remitToAddress=string&remitToCity=string&remitToState=string&remitToZipCode=string&shipmentPiecesList=string&shipmentPkgTypeList=string&shipmentIsHazmatList=string&hazmatPhone=string&contactSubscriberName=string&shipmentPkgDescList=string&shipmentNMFCClassList=string&shipmentNMFCTItemList=string&shipmentWeightsList=string&accessorialList=string&codPaidBy=string&codCheckType=string&dimensionPiecesList=string&dimensionLengthList=string&dimensionWidthList=string&dimensionHeightList=string&specHandleInstructions=string&nonePalletizedMode=string&isPickupRequest=string&shipperContact=string&pickupDate=string&pickUpReadyTime=string&dockCloseTime=string&noteToDispatcher=string HTTP/1.1
Host: www.peninsulatruck.com
HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<BolRecord xmlns="http://peninsulatruck.com/WebServices">
  <BolNumber>string</BolNumber>
  <UserId>string</UserId>
  <BolDate>string</BolDate>
  <ShipperName>string</ShipperName>
  <ShipperAddress>string</ShipperAddress>
  <ShipperCity>string</ShipperCity>
  <ShipperState>string</ShipperState>
  <ShipperZip>string</ShipperZip>

```

```
<ShipperPhone>string</ShipperPhone>  
<ConsigneeName>string</ConsigneeName>
```

```

<ConsigneeAddress>string</ConsigneeAddress>
<ConsigneeCity>string</ConsigneeCity>
<ConsigneeState>string</ConsigneeState>
<ConsigneeZip>string</ConsigneeZip>
<ConsigneePhone>string</ConsigneePhone>
<BillToName>string</BillToName>
<BillToAddress>string</BillToAddress>
<BillToCity>string</BillToCity>
<BillToState>string</BillToState>
<BillToZip>string</BillToZip>
<RemitToName>string</RemitToName>
<RemitToAddress>string</RemitToAddress>
<RemitToCity>string</RemitToCity>
<RemitToState>string</RemitToState>
<RemitToZip>string</RemitToZip>
<ShipNumber>string</ShipNumber>
<PurNumber>string</PurNumber>
<RateQuoteNumber>string</RateQuoteNumber>
<TypeBill>string</TypeBill>
<DeclaredValue>string</DeclaredValue>
<CodAmount>string</CodAmount>
<CodPaidBy>string</CodPaidBy>
<CodTypeCheck>string</CodTypeCheck>
<EmergencyPhone>string</EmergencyPhone>
<ContractSubscriber>string</ContractSubscriber>
<SpecialInstructions>string</SpecialInstructions>
<BolShipments>
  <BolShipment>
    <Piece>string</Piece>
    <PieceType>string</PieceType>
    <Hazmat>string</Hazmat>
    <PkgDesc>string</PkgDesc>
    <NMFCClass>string</NMFCClass>
    <NMFCItem>string</NMFCItem>
    <Weight>string</Weight>
  </BolShipment>
  <BolShipment>
    <Piece>string</Piece>
    <PieceType>string</PieceType>
    <Hazmat>string</Hazmat>
    <PkgDesc>string</PkgDesc>
    <NMFCClass>string</NMFCClass>
    <NMFCItem>string</NMFCItem>
    <Weight>string</Weight>
  </BolShipment>
</BolShipments>
<BolDimensions>
  <BolDimension>
    <DimensionPiece>string</DimensionPiece>
    <DimensionWidth>string</DimensionWidth>
    <DimensionLength>string</DimensionLength>
    <DimensionHeight>string</DimensionHeight>
  </BolDimension>

```

```
<BoldDimension>  
  <DimensionPiece>string</DimensionPiece>  
  <DimensionWidth>string</DimensionWidth>  
  <DimensionLength>string</DimensionLength>
```



```

    <DimensionHeight>string</DimensionHeight>
  </BolDimension>
</BolDimensions>
<BolAccessorials>
  <BolAccessorial>
    <AccessorialCode>string</AccessorialCode>
    <AccessorialDesc>string</AccessorialDesc>
  </BolAccessorial>
  <BolAccessorial>
    <AccessorialCode>string</AccessorialCode>
    <AccessorialDesc>string</AccessorialDesc>
  </BolAccessorial>
</BolAccessorials>
<BinDatafile>base64Binary</BinDatafile>
<PickUpRecord>
  <pickupShipment>
    <shipperInfo>
      <shipperName>string</shipperName>
      <shipperAddress>string</shipperAddress>
      <shipperCity>string</shipperCity>
      <shipperState>string</shipperState>
      <shipperZip>string</shipperZip>
      <shipperContact>string</shipperContact>
      <shipperPhone>string</shipperPhone>
    </shipperInfo>
    <pickupInfo>
      <pickUpNumber>string</pickUpNumber>
      <pickUpDate>string</pickUpDate>
      <readyTime>string</readyTime>
      <dockClose>string</dockClose>
      <length>string</length>
      <width>string</width>
      <height>string</height>
      <noteToDispatcher>string</noteToDispatcher>
    </pickupInfo>
    <shipmentDetail>
      <pensShipmentDetailItem d5p1:nil="true"
xmlns:d5p1="http://www.w3.org/2001/XMLSchema-instance" />
      <pensShipmentDetailItem d5p1:nil="true"
xmlns:d5p1="http://www.w3.org/2001/XMLSchema-instance" />
    </shipmentDetail>
    <accessorialDetail>
      <pensAccessorialDetailItem d5p1:nil="true"
xmlns:d5p1="http://www.w3.org/2001/XMLSchema-instance" />
      <pensAccessorialDetailItem d5p1:nil="true"
xmlns:d5p1="http://www.w3.org/2001/XMLSchema-instance" />
    </accessorialDetail>
  </pickupShipment>
  <pickupRemark>
    <remarkItem>
      <remark>string</remark>
    </remarkItem>
    <remarkItem>

```

```
<remark>string</remark>  
</remarkItem>  
</pickupRemark>  
<errors>
```

```

        <number>string</number>
        <message>string</message>
    </errors>
</PickUpRecord>
<errors>
    <Number>string</Number>
    <Message>string</Message>
</errors>
</BolRecord>

```

HTTP POST

The following is a sample HTTP POST request and response. The **placeholders** shown need to be replaced with actual values.

```

POST /webservices/penstrater.asmx/CreateBillOfLading HTTP/1.1
Host: www.peninsulatruck.com
Content-Type: application/x-www-form-urlencoded
Content-Length: length

```

```

userId=string&password=string&account=string&shipperName=string&shipperAddress
=string&shipperCity=string&shipperState=string&shipperZipCode=string&shipperPh
one=string&consigneeName=string&consigneeAddress=string&consigneeCity=string&c
onsigneeState=string&consigneeZipCode=string&consigneePhone=string&billType=st
ring&shipNumber=string&purchOrderNumber=string&rateQuoteNumber=string&billToNa
me=string&billToAddress=string&billToCity=string&billToState=string&billToZipC
ode=string&remitToName=string&remitToAddress=string&remitToCity=string&remitTo
State=string&remitToZipCode=string&shipmentPiecesList=string&shipmentPkgTypeLi
st=string&shipmentIsHazmatList=string&hazmatPhone=string&contactSubscriberName
=string&shipmentPkgDescList=string&shipmentNMFCClassList=string&shipmentNMFCIt
emList=string&shipmentWeightsList=string&accessorialList=string&codPaidBy=stri
ng&codCheckType=string&dimensionPiecesList=string&dimensionLengthList=string&d
imensionWidthList=string&dimensionHeightList=string&specHandleInstructions=str
ing&nonePalletizedMode=string&isPickupRequest=string&shipperContact=string&pic
kupDate=string&pickUpReadyTime=string&dockCloseTime=string&noteToDispatcher=st
ring

```

```

HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

```

```

<?xml version="1.0" encoding="utf-8"?>
<BolRecord xmlns="http://peninsulatruck.com/WebServices">
    <BolNumber>string</BolNumber>
    <UserId>string</UserId>
    <BolDate>string</BolDate>
    <ShipperName>string</ShipperName>
    <ShipperAddress>string</ShipperAddress>
    <ShipperCity>string</ShipperCity>
    <ShipperState>string</ShipperState>
    <ShipperZip>string</ShipperZip>
    <ShipperPhone>string</ShipperPhone>
    <ConsigneeName>string</ConsigneeName>
    <ConsigneeAddress>string</ConsigneeAddress>
    <ConsigneeCity>string</ConsigneeCity>
    <ConsigneeState>string</ConsigneeState>
    <ConsigneeZip>string</ConsigneeZip>

```

```
<ConsigneePhone>string</ConsigneePhone>  
<BillToName>string</BillToName>
```

```

<BillToAddress>string</BillToAddress>
<BillToCity>string</BillToCity>
<BillToState>string</BillToState>
<BillToZip>string</BillToZip>
<RemitToName>string</RemitToName>
<RemitToAddress>string</RemitToAddress>
<RemitToCity>string</RemitToCity>
<RemitToState>string</RemitToState>
<RemitToZip>string</RemitToZip>
<ShipNumber>string</ShipNumber>
<PurNumber>string</PurNumber>
<RateQuoteNumber>string</RateQuoteNumber>
<TypeBill>string</TypeBill>
<DeclaredValue>string</DeclaredValue>
<CodAmount>string</CodAmount>
<CodPaidBy>string</CodPaidBy>
<CodTypeCheck>string</CodTypeCheck>
<EmergencyPhone>string</EmergencyPhone>
<ContractSubscriber>string</ContractSubscriber>
<SpecialInstructions>string</SpecialInstructions>
<BolShipments>
  <BolShipment>
    <Piece>string</Piece>
    <PieceType>string</PieceType>
    <Hazmat>string</Hazmat>
    <PkgDesc>string</PkgDesc>
    <NMFCClass>string</NMFCClass>
    <NMFCItem>string</NMFCItem>
    <Weight>string</Weight>
  </BolShipment>
  <BolShipment>
    <Piece>string</Piece>
    <PieceType>string</PieceType>
    <Hazmat>string</Hazmat>
    <PkgDesc>string</PkgDesc>
    <NMFCClass>string</NMFCClass>
    <NMFCItem>string</NMFCItem>
    <Weight>string</Weight>
  </BolShipment>
</BolShipments>
<BolDimensions>
  <BolDimension>
    <DimensionPiece>string</DimensionPiece>
    <DimensionWidth>string</DimensionWidth>
    <DimensionLength>string</DimensionLength>
    <DimensionHeight>string</DimensionHeight>
  </BolDimension>
  <BolDimension>
    <DimensionPiece>string</DimensionPiece>
    <DimensionWidth>string</DimensionWidth>
    <DimensionLength>string</DimensionLength>
    <DimensionHeight>string</DimensionHeight>
  </BolDimension>

```

```
</BolDimension>  
</BolDimensions>  
<BolAccessorials>  
<BolAccessorial>  
  <AccessorialCode>string</AccessorialCode>
```



```

    <AccessorialDesc>string</AccessorialDesc>
  </BolAccessorial>
  <BolAccessorial>
    <AccessorialCode>string</AccessorialCode>
    <AccessorialDesc>string</AccessorialDesc>
  </BolAccessorial>
</BolAccessorials>
<BinDatafile>base64Binary</BinDatafile>
<PickUpRecord>
  <pickupShipment>
    <shipperInfo>
      <shipperName>string</shipperName>
      <shipperAddress>string</shipperAddress>
      <shipperCity>string</shipperCity>
      <shipperState>string</shipperState>
      <shipperZip>string</shipperZip>
      <shipperContact>string</shipperContact>
      <shipperPhone>string</shipperPhone>
    </shipperInfo>
    <pickupInfo>
      <pickUpNumber>string</pickUpNumber>
      <pickUpDate>string</pickUpDate>
      <readyTime>string</readyTime>
      <dockClose>string</dockClose>
      <length>string</length>
      <width>string</width>
      <height>string</height>
      <noteToDispatcher>string</noteToDispatcher>
    </pickupInfo>
    <shipmentDetail>
      <pensShipmentDetailItem d5p1:nil="true"
xmlns:d5p1="http://www.w3.org/2001/XMLSchema-instance" />
      <pensShipmentDetailItem d5p1:nil="true"
xmlns:d5p1="http://www.w3.org/2001/XMLSchema-instance" />
    </shipmentDetail>
    <accessorialDetail>
      <pensAccessorialDetailItem d5p1:nil="true"
xmlns:d5p1="http://www.w3.org/2001/XMLSchema-instance" />
      <pensAccessorialDetailItem d5p1:nil="true"
xmlns:d5p1="http://www.w3.org/2001/XMLSchema-instance" />
    </accessorialDetail>
  </pickupShipment>
  <pickupRemark>
    <remarkItem>
      <remark>string</remark>
    </remarkItem>
    <remarkItem>
      <remark>string</remark>
    </remarkItem>
  </pickupRemark>
  <errors>
    <number>string</number>
    <message>string</message>
  </errors>

```



```
</errors>  
</PickUpRecord>  
<errors>  
  <Number>string</Number>
```

```

<Message>string</Message>
</errors>
</BolRecord>

```

SECTION 3 – XML ATTRIBUTES

Attribute	Description
BolRecord	
BolNumber	Peninsula truck Lines BOL number
UserId	User log Identification
BolDate	BOL created date
ShipperName	Shipper company name
ShipperAddress	Shipper address
ShipperCity	Shipper city
ShipperState	Shipper state
ShipperZip	Shipper zip code
ShipperPhone	Shipper phone number
ConsigneeName	Consignee company name
ConsigneeAddress	Consignee address
ConsigneeCity	Consignee city
ConsigneeState	Consignee state
ConsigneeZip	Consignee zip code
ConsigneePhone	Consignee phone number
BillToName	Billed to company name
BillToAddress	Billed to address
BillToCity	Billed to city
BillToState	Billed to state
BillToZip	Billed to zip code
RemitToName	Remitted to company name
RemitToAddress	Remitted to address
RemitToCity	Remitted to city
RemitToState	Remitted to state
RemitToZip	Remitted to zip code
ShipNumber	Shipper number – Shipper BOL number.

PurNumber	Purchasing order number
RateQuoteNumber	Peninsula truck Lines Rate Quote Number
TypeBill	Bill Type (Prepaid or Collect).
DeclaredValue	Declared value from FV1 code
CodAmount	COD amount from CF1 code
CodFeePaidBy	Paid by C or S (Consignee or Shipper)

CodTypeCheck	Cashier Check or Check from consignee (B or C)
EmergencyPhone	Hazardous material emergency phone number
ContractSubscriber	Contact person/subscriber for hazardous material
SpecialInstructions	Special instructions for shipment
BolShipments	
BolShipment	
Piece	Total pieces
PieceType	Type of package (box or pallet etc.)
Hazmat	Hazardous material (Y or N)
PkgDesc	Description of packages
NMFCClass	Class code
NMFCCItem	Class code Item
Weight	Total weight
BolDimensions	
BolDimension	
DimensionPiece	Total pieces
DimensionWidth	Dimension weight (in inches)
DimensionLength	Dimension length (in inches)
DimensionHeight	Dimension height (in inches)
BolAccessorials	
BolAccessorial	
AccessorialCode	Peninsula truck Lines accessorial code
AccessorialDesc	Peninsula truck Lines accessorial description
BinDatafile	BOL binary image file – pdf format
PickUpRecord	

pickupShipment	
shipperInfo	
shipperName	Shipper company name
shipperAddress	Shipper address
shipperCity	Shipper city
shipperState	Shipper state
shipperZip	Shipper zip code
shipperContact	Shipper contact person
shipperPhone	Shipper phone number
pickupInfo	
pickUpNumber	Pickup Number
pickUpDate	Pickup Date
readyTime	Ready for pickup time
dockClose	Dock close time
length	Largest dimension length
width	Largest dimension width
height	Largest dimension height
noteToDispatcher	Message to dispatcher
shipmentDetail	
pensShipmentDetailItem	
pieces	Number of pieces
weight	Total weight
destinationZip	Destination zip code
length	Dimension length
width	Dimension width
height	Dimension height
destinationTerminal	Destination Terminal
carrierConnection	Carrier connection
accessorialDetail	
pensAccessorialDetailItem	
accessorialCode	Peninsula truck Lines accessorial code
accessorialDesc	Accessorial description
pickupRemark	

remarkItem	
remark	Message, alert, note from system
errors	
number	Pickup Error number
message	Pickup Error message description
errors	
Number	BOL Error number
Message	BOL Error message description