

.wms User Documentation

Common APIs

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THOMAX

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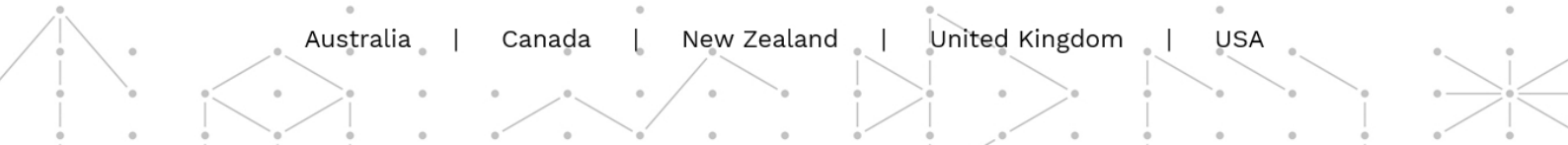
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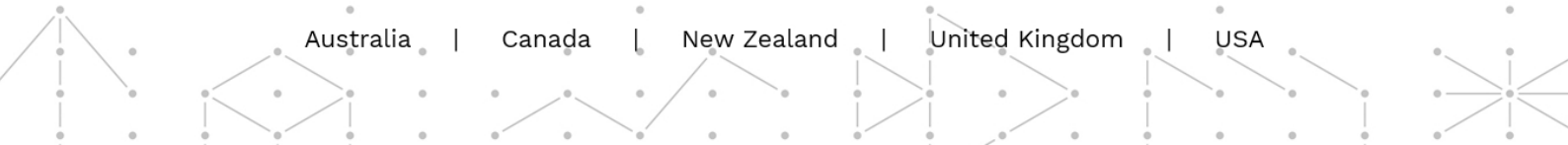
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Data Types

Tip: The JSON order is important for inbound JSON documents.

Data type	Description
Boolean	A true or false value.
BoolYesNo	A Boolean, true must be represented as Yes and false must be represented as No.
Date	A date data type in the format YYYY-MM-DD.
DateTime	A date data type in the format YYYY-MM-DDTHH:mm:ss.
Decimal	A numerical value.
Integer	A numerical value with no fraction component.
Number	A number.
Object	A container element for child elements/models.
String	A normal string of characters of any length.
StringMustHaveValue	A string with a minimum length of 1.
StringRestriction	A string whose value must be in the specified restricted set of values.
Time	A time data type in the format HH:mm:ss.



AdjustULDStock

Purpose	Using the API, adjust the stock on the specified ULD.
Direction	Customer POST to .wms.
Endpoint	https://CLUSTER.dotwms.com/api/1.0/
File format	
HTTP verb	POST
XSD	AdjustULDStock_1.0.xsd
Notes	<p>Throws a different transaction type than a regular adjustment. A regular adjustment throws a transaction type of 'Adjustment' while this will throw 'Adjustment from API'. This will allow you to filter them out of the inventory adjustment exports.</p> <p>This API responds with each change independently as to its success, so if you send multiple, it will process as many as it can.</p> <p>Used by the AdjustULDStock and AdjustULDStockFuzzy APIs.</p>

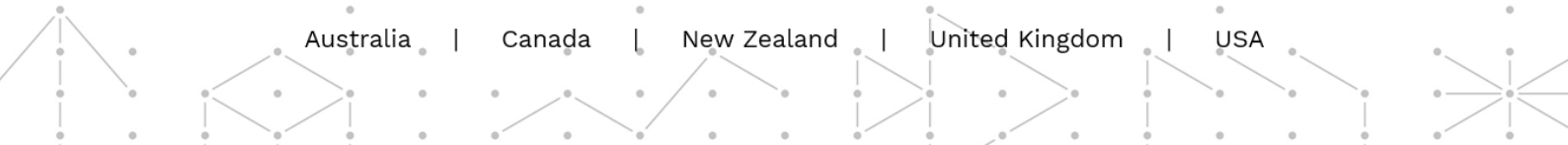
Fields

Adjustments object model

.wms field	Data type	Mandatory
Adjustment	Object	✓

Adjustment object model

.wms field	Data type	Mandatory
InstanceCode	StringMustHaveValue	✓
TenantCode	StringMustHaveValue	✓
WarehouseCode	StringMustHaveValue	✓
APIKey	StringMustHaveValue	✓

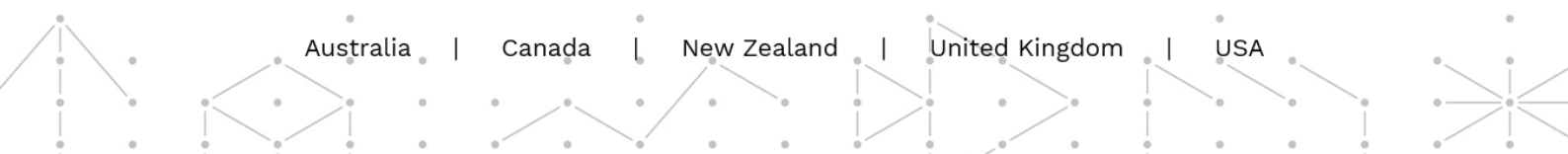


.wms field	Data type	Mandatory
ULDBarcode	StringMustHaveValue	✓
ItemCode	StringMustHaveValue	✓
BatchNumber	String	✗
SerialNumber	String	✗
BestBeforeDate	String	✗
ExpiryDate	String	✗
ProductionDate	String	✗
PackagingDate	String	✗
SellByDate	String	✗
AdjustByQuantity	Decimal	✓
Comment	String	✗
AllowNegatives	String	✗

XSD

```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified" xmlns:xs="h-
tp://www.w3.org/2001/XMLSchema">
  <xs:simpleType name="stringMustHaveValue">
    <xs:restriction base="xs:string">
      <xs:minLength value="1" />
    </xs:restriction>
  </xs:simpleType>

  <xs:element name="Adjustments">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Adjustment" minOccurs="1" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="InstanceCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="TenantCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element
name="WarehouseCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="APIKey" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="ULDBarcode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="ItemCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="BatchNumber" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="SerialNumber" minOccurs="0" maxOccurs="1" type="xs:string"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
```



```

        <xs:element name="BestBeforeDate" minOccurs="0" maxOccurs="1" type="xs:string"/>
        <xs:element name="ExpiryDate" minOccurs="0" maxOccurs="1" type="xs:string"/>
        <xs:element name="ProductionDate" minOccurs="0" maxOccurs="1" type="xs:string"/>
        <xs:element name="PackagingDate" minOccurs="0" maxOccurs="1" type="xs:string"/>
        <xs:element name="SellByDate" minOccurs="0" maxOccurs="1" type="xs:string"/>
        <xs:element name="AdjustByQuantity" minOccurs="1" maxOccurs="1" type="xs:decimal"/>
        <xs:element name="Comment" minOccurs="0" maxOccurs="1" type="xs:string"/>
        <xs:element name="AllowNegatives" minOccurs="0" maxOccurs="1" type="xs:string"/>
    </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:schema>

```

Examples

XML

```

<Adjustments xsi:noNamespaceSchemaLocation="schema.xsd" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Adjustment>
    <InstanceCode>string</InstanceCode>
    <TenantCode>string</TenantCode>
    <WarehouseCode>string</WarehouseCode>
    <APIKey>string</APIKey>
    <ULDBarcode>string</ULDBarcode>
    <ItemCode>string</ItemCode>
    <BatchNumber>string</BatchNumber>
    <SerialNumber>string</SerialNumber>
    <BestBeforeDate>YYYY-MM-DD</BestBeforeDate>
    <ExpiryDate>YYYY-MM-DD</ExpiryDate>
    <ProductionDate>YYYY-MM-DD</ProductionDate>
    <PackagingDate>YYYY-MM-DD</PackagingDate>
    <SellByDate>YYYY-MM-DD</SellByDate>
    <AdjustByQuantity>-3</AdjustByQuantity>
    <Comment>string</Comment>
    <AllowNegatives>string</AllowNegatives>
  </Adjustment>
</Adjustments>

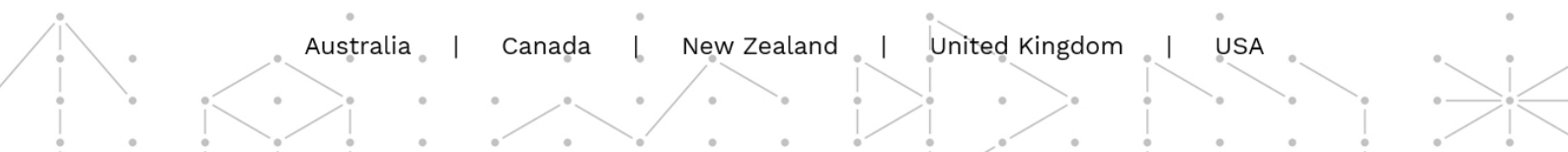
```

JSON

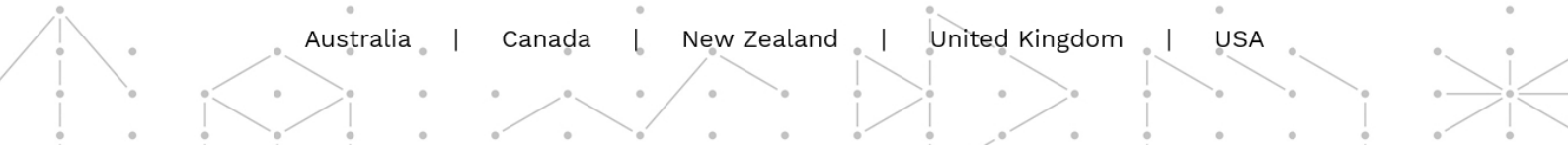
```

{
  "Adjustments": {
    "Adjustment": {
      "InstanceCode": "string",
      "TenantCode": "string",
      "WarehouseCode": "string",
      "APIKey": "string",
      "ULDBarcode": "string",
      "ItemCode": "string",

```




```
      "BatchNumber": "string",
      "SerialNumber": "string",
      "BestBeforeDate": "YYYY-MM-DD",
      "ExpiryDate": "YYYY-MM-DD",
      "ProductionDate": "YYYY-MM-DD",
      "PackagingDate": "YYYY-MM-DD",
      "SellByDate": "YYYY-MM-DD",
      "AdjustByQuantity": "-3",
      "Comment": "string",
      "AllowNegatives": "string"
    },
    "_xmlns:xsi": "http://www.w3.org/2001/XMLSchema-instance",
    "_xsi:noNamespaceSchemaLocation": "schema.xsd"
  }
}
```



CancelPackJob

Purpose	Cancel a pack job in .wms.
Direction	Customer POST to .wms.
Endpoint	https://CLUSTER.dotwms.com/api/1.0/CancelPackJob/ https://CLUSTER.dotwms.com/api/1.0/CancelReadyPackJob/ https://CLUSTER.dotwms.com/api/1.0/CancelSalesOrder/
File format	XML
HTTP verb	POST
XSD	CancelPackingSlips_1.0.xsd
Notes	Once a job is cancelled, it cannot be reopened. Used by the CancelPackJob, CancelReadyPackJob and CancelSalesOrder APIs.

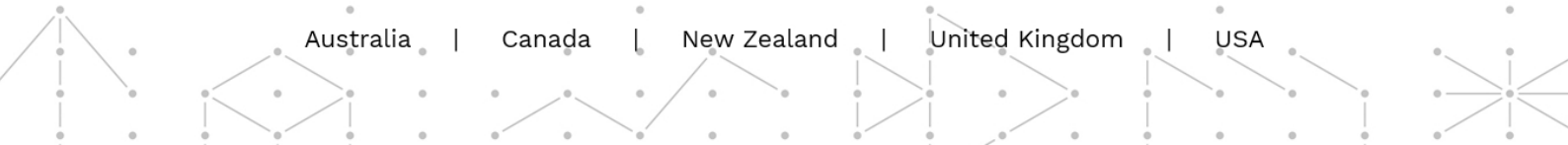
Fields

CancelPackingSlips header object model

.wms field	Data type	Mandatory
CancelPackingSlip	Object	✓

CancelPackingSlip object model

.wms field	Data type	Mandatory
InstanceCode	StringMustHaveValue	✓
TenantCode	StringMustHaveValue	✓
WarehouseCode	String	✗
APIKey	StringMustHaveValue	✓
PackSlipNumber	StringMustHaveValue	✓
RaiseErrorIfCancelled	Boolean	✗



XSD

```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleType name="stringMustHaveValue">
    <xs:restriction base="xs:string">
      <xs:minLength value="1" />
    </xs:restriction>
  </xs:simpleType>

  <xs:element name="CancelPackingSlips">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="CancelPackingSlip" minOccurs="1" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="InstanceCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="TenantCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="WarehouseCode" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="APIKey" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="PackSlipNumber" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="RaiseErrorIfCancelled" minOccurs="0" maxOccurs="1" type="xs:boolean"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
```

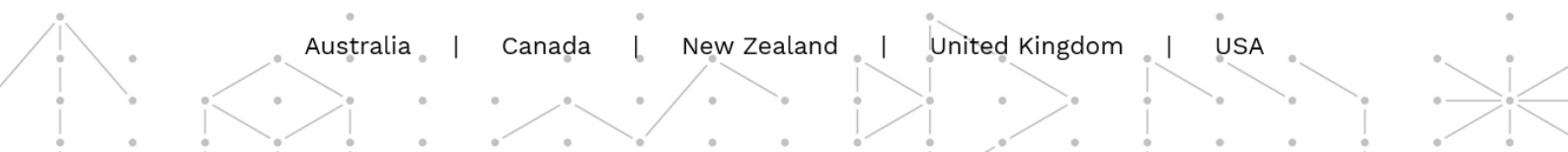
Examples

XML

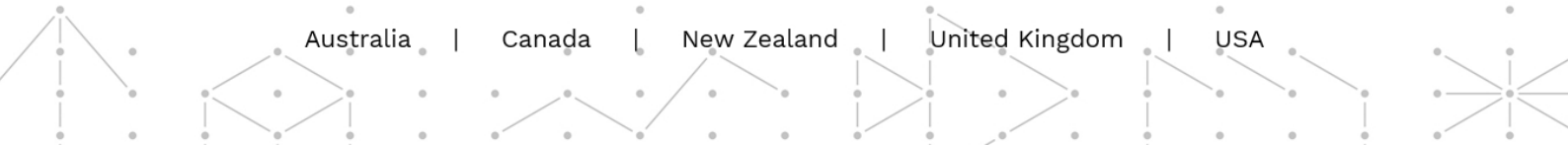
```
<CancelPackingSlips>
  <CancelPackingSlip>
    <InstanceCode>SampleCode</InstanceCode>
    <TenantCode>SampleCode</TenantCode>
    <APIKey>0123456789abcdef</APIKey>
    <PackSlipNumber>TestPack</PackSlipNumber>
  </CancelPackingSlip>
</CancelPackingSlips>
```

JSON

Note: JSON must be ordered as described by the model.



```
{
  "CancelPackingSlip": [
    {
      "InstanceCode": "SampleCode",
      "TenantCode": "SampleCode",
      "APIKey": "0123456789abcdef",
      "PackingSlipNumber": "TestPack"
    }
  ]
}
```



CancelReceipt

Purpose	Cancel a receipt job in .wms.
Direction	Customer POST to .wms.
Endpoint	https://CLUSTER.dotwms.com/api/1.0/CancelReceiptJob/
File format	XML
HTTP verb	POST
XSD	CancelReceiptingJobs_1.0.xsd
Notes	A cancelled job is cancelled. However, there is no unique constraint on the shipment number; so it is possible to re-upload the same document again.

Fields

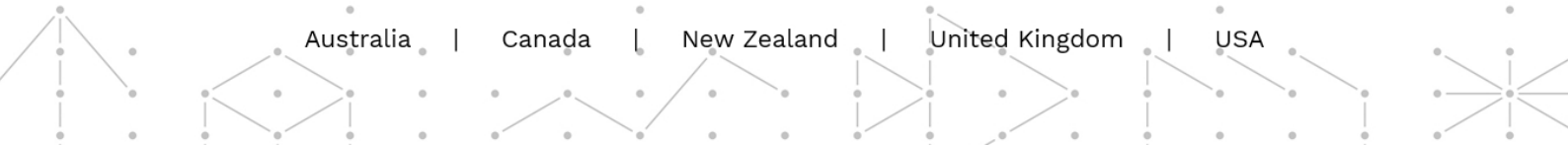
CancelReceiptJobs header object model

.wms field	Data type	Mandatory
CancelReceiptJob	Object	✓

CancelReceiptJob object model

.wms field	Data type	Mandatory
InstanceCode	StringMustHaveValue	✓
TenantCode	StringMustHaveValue	✓
WarehouseCode	String	✗
APIKey	StringMustHaveValue	✓
ShipmentNumber	StringMustHaveValue	✓
CancelReason	StringMustHaveValue	✗

XSD



```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleType name="stringMustHaveValue">
    <xs:restriction base="xs:string">
      <xs:minLength value="1" />
    </xs:restriction>
  </xs:simpleType>

  <xs:element name="CancelReceiptingJobs">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="CancelReceiptingJob" minOccurs="1" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="InstanceCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="TenantCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="WarehouseCode" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="APIKey" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="ShipmentNumber" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="CancelReason" minOccurs="0" maxOccurs="1" type="stringMustHaveValue"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
```

Examples

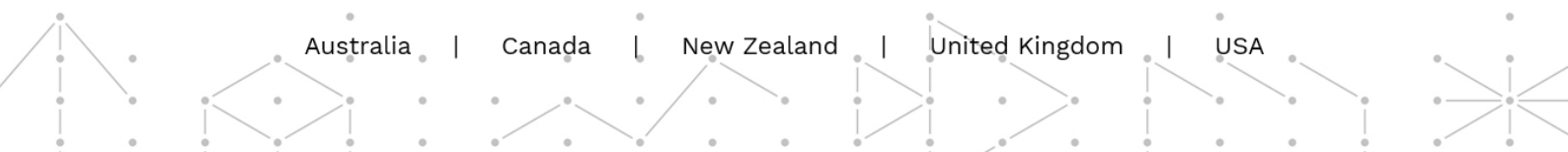
XML

```
<CancelReceiptingJobs>
  <CancelReceiptingJob>
    <InstanceCode>SampleCode</InstanceCode>
    <TenantCode>SampleCode</TenantCode>
    <APIKey>0123456789abcdef</APIKey>
    <ShipmentNumber>test</ShipmentNumber>
  </CancelReceiptingJob>
</CancelReceiptingJobs>
```

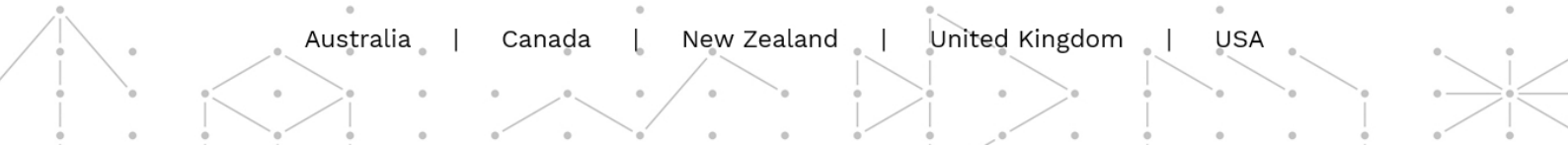
JSON

Note: JSON must be ordered as described by the model.

```
{
  "CancelReceiptingJob": [
```



```
{
  "InstanceCode": "SampleCode",
  "TenantCode": "SampleCode",
  "APIKey": "0123456789abcdef",
  "ShipmentNumber": "test"
}
```



CreateULD

Purpose	Create ULDs using .wms.
Direction	Customer POST to .wms.
Endpoint	https://CLUSTER.dotwms.com/api/1.0/
File format	XML
HTTP verb	POST
XSD	CreateULD_1.0.xsd
Notes	<p>If a printer code is included, it will print the ULD label as well. If the printer code is omitted, just the record is created.</p> <p>If a barcode is included, this is set as the ULD number. If the barcode is omitted, the next sequence number is used. This makes it really useful if you wish to set a bin to have a ULD in it that has the same barcode as its bin code.</p> <p>If a bin code is set, it attempts to place in that bin. If a bin code is omitted, then a null location is created.</p>

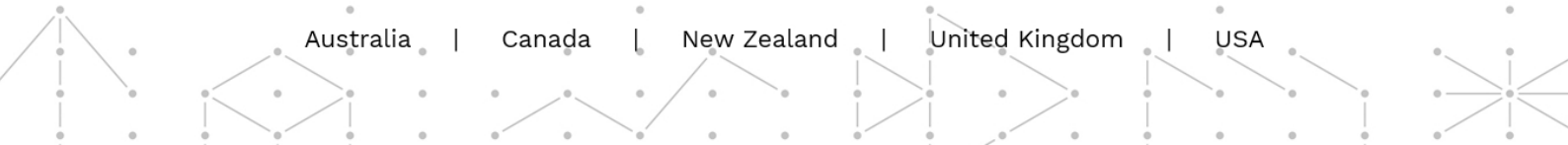
Fields

CreateULDs object model

.wms field	Data type	Mandatory
CreateULD	Object	✓

CreateULD object model

.wms field	Data type	Mandatory
InstanceCode	StringMustHaveValue	✓
TenantCode	StringMustHaveValue	✓
WarehouseCode	StringMustHaveValue	✓
APIKey	StringMustHaveValue	✓



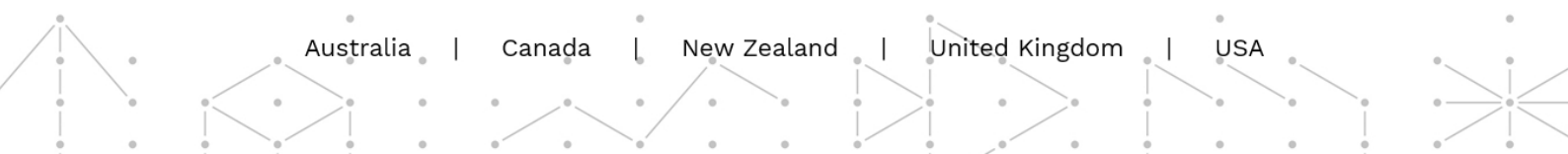
.wms field	Data type	Mandatory
ULDBarcode	String	✗
ULDHeldReason	String	✗
PrinterCode	String	✗
BinCode	String	✗
Line	Object	✗
Attributes	Object	✗

Line object model

.wms field	Data type	Mandatory
ItemCode	StringMustHaveValue	✓
BatchNumber	String	✗
SerialNumber	String	✗
BestBeforeDate	String	✗
ExpiryDate	String	✗
ProductionDate	String	✗
PackagingDate	String	✗
SellByDate	String	✗
Quantity	Decimal	✓
ReferenceNumber	String	✗
StockAttributes	Object	✗

StockAttributes object model

.wms field	Data type	Mandatory
ItemCode	StringMustHaveValue	✓



.wms field	Data type	Mandatory
BatchNumber	StringMustHaveValue	✓

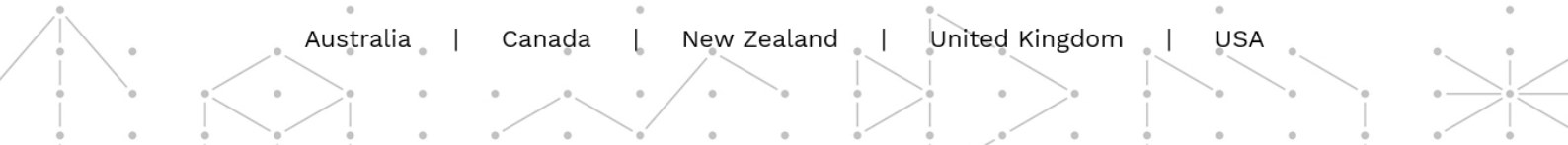
Attributes object model

.wms field	Data type	Mandatory
AttributeName	StringMustHaveValue	✓
AttributeValue	String	✗

XSD

```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleType name="stringMustHaveValue">
    <xs:restriction base="xs:string">
      <xs:minLength value="1" />
    </xs:restriction>
  </xs:simpleType>

  <xs:element name="CreateULDs">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="CreateULD" minOccurs="1" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="InstanceCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="TenantCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="WarehouseCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="APIKey" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="ULDBarcode" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="ULDHeldReason" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="PrinterCode" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="BinCode" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="Line" minOccurs="0" maxOccurs="unbounded">
                <xs:complexType>
                  <xs:sequence>
                    <xs:element name="ItemCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
                    <xs:element name="BatchNumber" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element name="SerialNumber" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element name="BestBeforeDate" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element name="ExpiryDate" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element name="ProductionDate" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element name="PackagingDate" minOccurs="0" maxOccurs="1" type="xs:string"/>
                  </xs:sequence>
                </xs:complexType>
              </xs:element>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
```



```
<xs:element name="SellByDate" minOccurs="0" maxOccurs="1" type="xs:string"/>  
<xs:element name="Quantity" minOccurs="1" maxOccurs="1" type="xs:decimal"/>  
</xs:sequence>  
name="ReferenceNumber" minOccurs="0" maxOccurs="1" type="xs:string"/>  
<xs:element name="StockAttribute" minOccurs="0" maxOccurs="unbounded">  
  <xs:complexType>  
    <xs:sequence>  
      <xs:element  
name="AttributeName" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>  
      <xs:element  
name="AttributeValue" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>  
    </xs:sequence>  
  </xs:complexType>  
</xs:element>  
</xs:sequence>  
</xs:complexType>  
</xs:element>  
<xs:element name="Attributes" minOccurs="0" maxOccurs="unbounded">  
  <xs:complexType>  
    <xs:sequence>  
      <xs:element  
name="AttributeName" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>  
      <xs:element  
name="AttributeValue" minOccurs="0" maxOccurs="1" type="xs:string"/>  
    </xs:sequence>  
  </xs:complexType>  
</xs:element>  
</xs:sequence>  
</xs:complexType>  
</xs:element>  
</xs:sequence>  
</xs:complexType>  
</xs:schema>
```

Examples

XML

```
<CreateULDs xsi:noNamespaceSchemaLocation="schema.xsd" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <CreateULD>
    <InstanceCode>string</InstanceCode>
    <TenantCode>string</TenantCode>
    <WarehouseCode>string</WarehouseCode>
    <APIKey>string</APIKey>
    <ULDBarcode>string</ULDBarcode>
    <ULDHeldReason>string</ULDHeldReason>
    <PrinterCode>string</PrinterCode>
    <BinCode>string</BinCode>
    <Line>
      <ItemCode>string</ItemCode>
      <ProductionDate>YYYY-MM-DD</ProductionDate>
      <PackagingDate>YYYY-MM-DD</PackagingDate>
      <SellByDate>YYYY-MM-DD</SellByDate>
      <Quantity>3</Quantity>
      <StockAttribute>
        <AttributeName>string</AttributeName>
      </StockAttribute>
    </Line>
  </CreateULD>
</CreateULDs>
```

```

        <AttributeValue>string</AttributeValue>
    </StockAttribute>
    <StockAttribute>
        <AttributeName>string</AttributeName>
        <AttributeValue>string</AttributeValue>
    </StockAttribute>
    <StockAttribute>
        <AttributeName>string</AttributeName>
        <AttributeValue>string</AttributeValue>
    </StockAttribute>
</Line>
<Line>
    <ItemCode>string</ItemCode>
    <BestBeforeDate>YYYY-MM-DD</BestBeforeDate>
    <PackagingDate>YYYY-MM-DD</PackagingDate>
    <SellByDate>YYYY-MM-DD</SellByDate>
    <Quantity>3</Quantity>
    <StockAttribute>
        <AttributeName>string</AttributeName>
        <AttributeValue>string</AttributeValue>
    </StockAttribute>
</Line>
<Line>
    <ItemCode>string</ItemCode>
    <SerialNumber>string</SerialNumber>
    <BestBeforeDate>YYYY-MM-DD</BestBeforeDate>
    <ExpiryDate>YYYY-MM-DD</ExpiryDate>
    <ProductionDate>YYYY-MM-DD</ProductionDate>
    <Quantity>3</Quantity>
</Line>
<Line>
    <ItemCode>string</ItemCode>
    <BestBeforeDate>YYYY-MM-DD</BestBeforeDate>
    <ProductionDate>YYYY-MM-DD</ProductionDate>
    <SellByDate>YYYY-MM-DD</SellByDate>
    <Quantity>3</Quantity>
    <ReferenceNumber>string</ReferenceNumber>
    <StockAttribute>
        <AttributeName>string</AttributeName>
        <AttributeValue>string</AttributeValue>
    </StockAttribute>
</Line>
<Attributes>
    <AttributeName>string</AttributeName>
    <AttributeValue>string</AttributeValue>
</Attributes>
</CreateULD>
</CreateULDS>

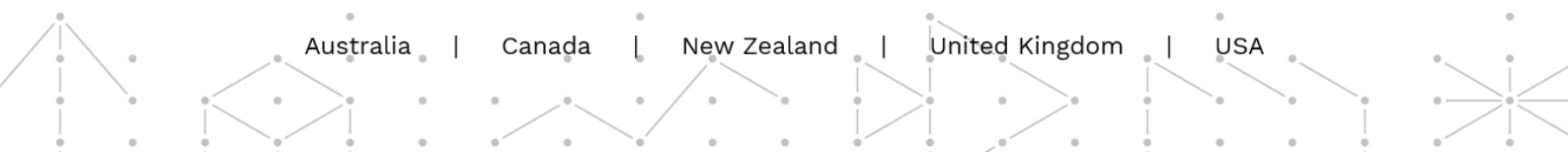
```

JSON

```

{
  "CreateULDS": {
    "CreateULD": {
      "InstanceCode": "string",
      "TenantCode": "string",
      "WarehouseCode": "string",
      "APIKey": "string",

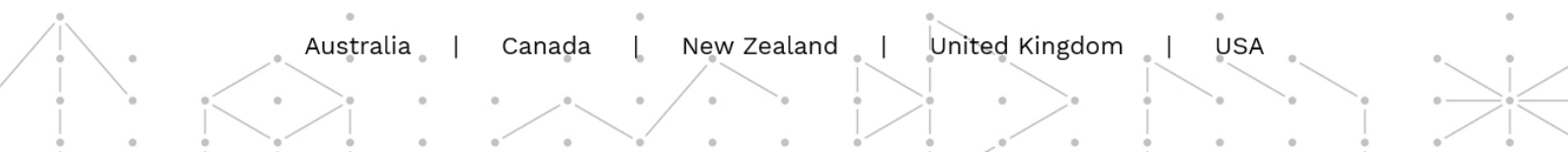
```



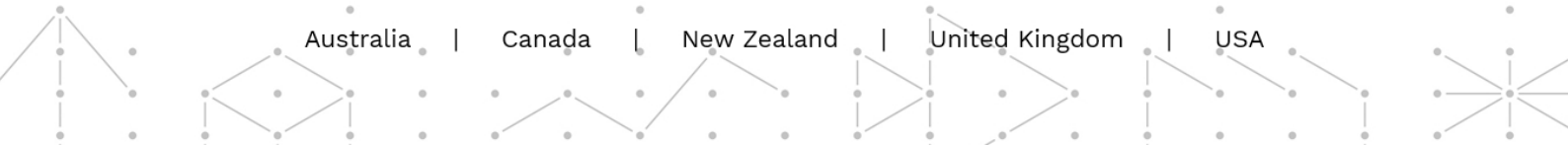
```

"ULDBarcode": "string",
"ULDHeldReason": "string",
"PrinterCode": "string",
"BinCode": "string",
"Line": [
  {
    "ItemCode": "string",
    "ProductionDate": "YYYY-MM-DD",
    "PackagingDate": "YYYY-MM-DD",
    "SellByDate": "YYYY-MM-DD",
    "Quantity": "3",
    "StockAttribute": [
      {
        "AttributeName": "string",
        "AttributeValue": "string"
      },
      {
        "AttributeName": "string",
        "AttributeValue": "string"
      },
      {
        "AttributeName": "string",
        "AttributeValue": "string"
      }
    ]
  },
  {
    "ItemCode": "string",
    "BestBeforeDate": "YYYY-MM-DD",
    "PackagingDate": "YYYY-MM-DD",
    "SellByDate": "YYYY-MM-DD",
    "Quantity": "3",
    "StockAttribute": {
      "AttributeName": "string",
      "AttributeValue": "string"
    }
  },
  {
    "ItemCode": "string",
    "SerialNumber": "string",
    "BestBeforeDate": "YYYY-MM-DD",
    "ExpiryDate": "YYYY-MM-DD",
    "ProductionDate": "YYYY-MM-DD",
    "Quantity": "3"
  },
  {
    "ItemCode": "string",
    "BestBeforeDate": "YYYY-MM-DD",
    "ProductionDate": "YYYY-MM-DD",
    "SellByDate": "YYYY-MM-DD",
    "Quantity": "3",
    "ReferenceNumber": "string",
    "StockAttribute": {
      "AttributeName": "string",
      "AttributeValue": "string"
    }
  }
],
"Attributes": {
  "AttributeName": "string",
  "AttributeValue": "string"
}

```



```
    }  
  },  
  "_xmlns:xsi": "http://www.w3.org/2001/XMLSchema-instance",  
  "_xsi:noNamespaceSchemaLocation": "schema.xsd"  
}
```



DeleteltemMasterData

Purpose	Deletes item data, as long as it is possible to delete it.
Direction	Customer POST to .wms.
Endpoint	https://CLUSTER.dotwms.com/api/1.0/
File format	
HTTP verb	POST
XSD	DeleteItemMasterData_1.0.xsd
Notes	If the item has any receipts, orders or stock, you will not be able to delete the item. Mostly good for accidents.

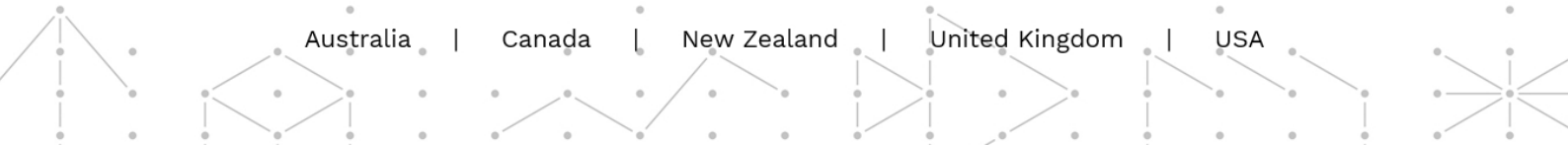
Fields

DeleteltemMasterData object model

.wms field	Data type	Mandatory
InstanceCode	StringMustHaveValue	✓
TenantCode	StringMustHaveValue	✓
APIKey	StringMustHaveValue	✓
ItemCode	StringMustHaveValue	✓

XSD

```
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleType name="stringMustHaveValue">
    <xs:restriction base="xs:string">
      <xs:minLength value="1" />
    </xs:restriction>
  </xs:simpleType>
  <xs:element name="DeleteItemMasterData">
    <xs:complexType>
      <xs:sequence>
        <xs:element minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="InstanceCode"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
```



```
<xs:element minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="TenantCode"/>
<xs:element minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="APIKey"/>
<xs:element minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="ItemCode"/>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:schema>
```

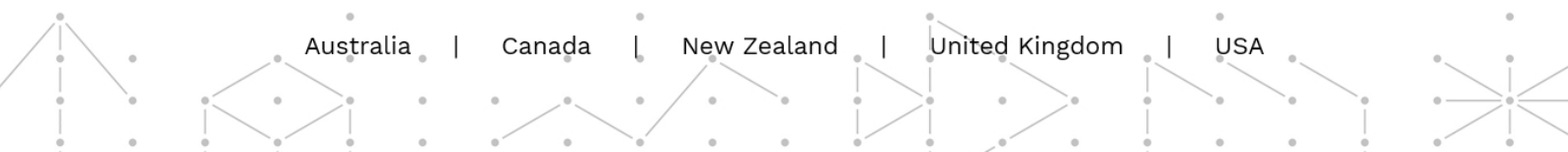
Examples

XML

```
<DeleteItemMasterData xsi:noNamespaceSchemaLocation="schema.xsd" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <InstanceCode>string</InstanceCode>
  <TenantCode>string</TenantCode>
  <APIKey>string</APIKey>
  <ItemCode>string</ItemCode>
</DeleteItemMasterData>
```

JSON

```
{
  "DeleteItemMasterData": {
    "InstanceCode": "string",
    "TenantCode": "string",
    "APIKey": "string",
    "ItemCode": "string",
    "_xmlns:xsi": "http://www.w3.org/2001/XMLSchema-instance",
    "_xsi:noNamespaceSchemaLocation": "schema.xsd"
  }
}
```



DestroyULD

Purpose	
Direction	Customer POST to .wms.
Endpoint	https://CLUSTER.dotwms.com/api/1.0/
File format	
HTTP verb	POST
XSD	DestroyULD_1.0.xsd
Note	<p>This behaves similarly to the adjustment, and will process multiple and let you know which ones passed and which ones failed.</p> <p>There is a known odd behaviour that if you destroy a ULD that has already been destroyed, it will respond with saying that the ULD is on hold with a message of 'ULD Destroyed'. This just means that it has already been destroyed.</p> <p>If the system parameter <code>Stock.DestroyULD.BlockIfHasItems</code> has not been enabled, this will destroy ULDs that contain items.</p>

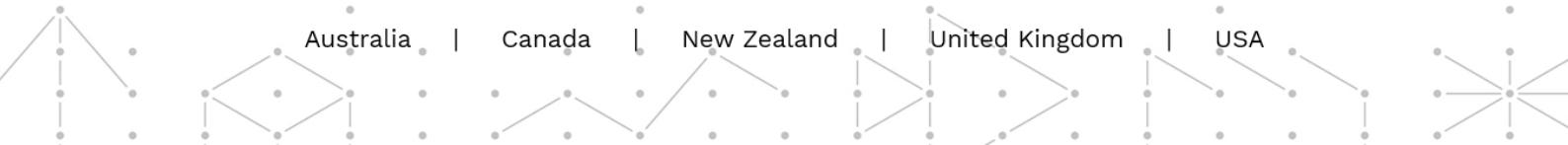
Fields

Destructions object model

.wms field	Data type	Mandatory
Destruction	Object	✓

Destruction object model

.wms field	Data type	Mandatory
InstanceCode	StringMustHaveValue	✓
WarehouseCode	StringMustHaveValue	✓
APIKey	StringMustHaveValue	✓
ULDBarcode	StringMustHaveValue	✓



XSD

```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleType name="stringMustHaveValue">
    <xs:restriction base="xs:string">
      <xs:minLength value="1" />
    </xs:restriction>
  </xs:simpleType>

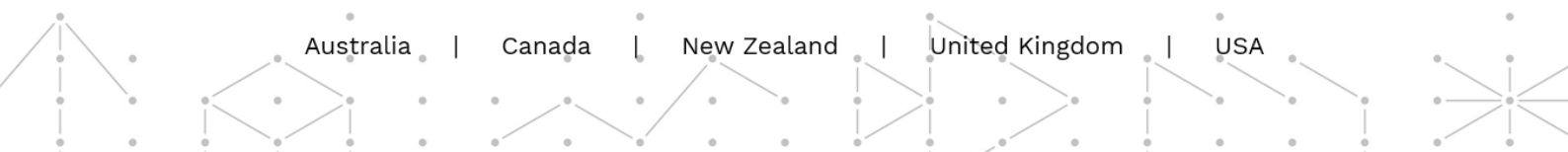
  <xs:element name="Destructions">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Destruction" minOccurs="1" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="InstanceCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element
name="WarehouseCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="APIKey" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="ULDBarcode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
```

Examples

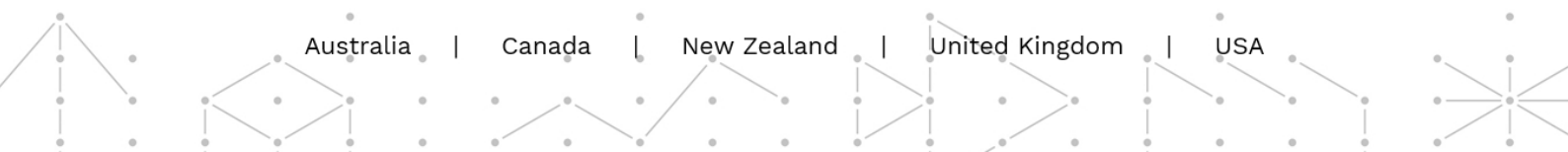
XML

```
<Destructions xsi:noNamespaceSchemaLocation="schema.xsd" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Destruction>
    <InstanceCode>string</InstanceCode>
    <WarehouseCode>string</WarehouseCode>
    <APIKey>string</APIKey>
    <ULDBarcode>string</ULDBarcode>
  </Destruction>
  <Destruction>
    <InstanceCode>string</InstanceCode>
    <WarehouseCode>string</WarehouseCode>
    <APIKey>string</APIKey>
    <ULDBarcode>string</ULDBarcode>
  </Destruction>
</Destructions>
```

JSON



```
{
  "Destructions": {
    "Destruction": [
      {
        "InstanceCode": "string",
        "WarehouseCode": "string",
        "APIKey": "string",
        "ULDBarcode": "string"
      },
      {
        "InstanceCode": "string",
        "WarehouseCode": "string",
        "APIKey": "string",
        "ULDBarcode": "string"
      }
    ],
    "_xmlns:xsi": "http://www.w3.org/2001/XMLSchema-instance",
    "_xsi:noNamespaceSchemaLocation": "schema.xsd"
  }
}
```



ItemWarehouseRecord

Purpose	
Direction	Customer POST to .wms.
Endpoint	https://CLUSTER.dotwms.com/api/1.0/
File format	
HTTP verb	POST
XSD	ItemWarehouseRecord_1.0.xsd
Notes	Used by the UpsertItemWarehouseRecord API.

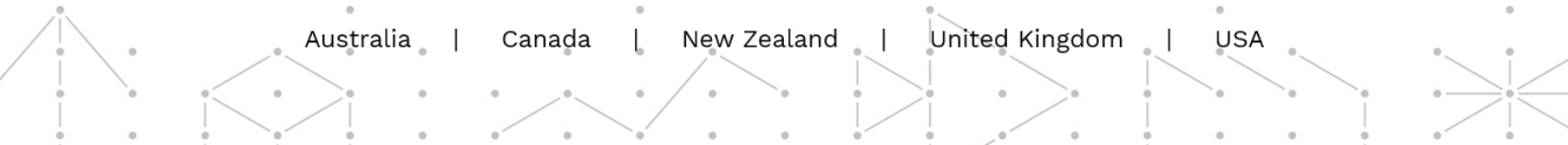
Fields

ItemWarehouseRecords object model

.wms field	Data type	Mandatory
ItemWarehouseRecord	Object	✓

ItemWarehouseRecord object model

.wms field	Data type	Mandatory
InstanceCode	StringMustHaveValue	✓
TenantCode	StringMustHaveValue	✓
WarehouseCode	StringMustHaveValue	✓
APIKey	StringMustHaveValue	✓
ItemCode	StringMustHaveValue	✓
IntervalPickingCycleCount	Integer	✗
IntervalBulkCycleCount	Integer	✗



.wms field	Data type	Mandatory
IntervalCountBack	Integer	✗
StandardBinLocation	String	✗
PickFaceMinStock	Decimal	✗
PickFaceMaxStock	Decimal	✗
PickGroupID	Integer	✗
ItemWarehouseAttribute	Object	✗

ItemWarehouseAttribute object model

.wms field	Data type	Mandatory
Attribute	StringMustHaveValue	✓
Value	String	✓

XSD

```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleType name="stringMustHaveValue">
    <xs:restriction base="xs:string">
      <xs:minLength value="1" />
    </xs:restriction>
  </xs:simpleType>

  <xs:element name="ItemWarehouseRecords">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="ItemWarehouseRecord" minOccurs="1" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="InstanceCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="TenantCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="WarehouseCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="APIKey" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="ItemCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="IntervalPickingCycleCount" minOccurs="0" maxOccurs="1" type="xs:integer"/>
              <xs:element name="IntervalBulkCycleCount" minOccurs="0" maxOccurs="1" type="xs:integer"/>
              <xs:element name="IntervalCountBack" minOccurs="0" maxOccurs="1" type="xs:integer"/>
              <xs:element name="StandardBinLocation" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="PickFaceMinStock" minOccurs="0" maxOccurs="1" type="xs:decimal"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
```



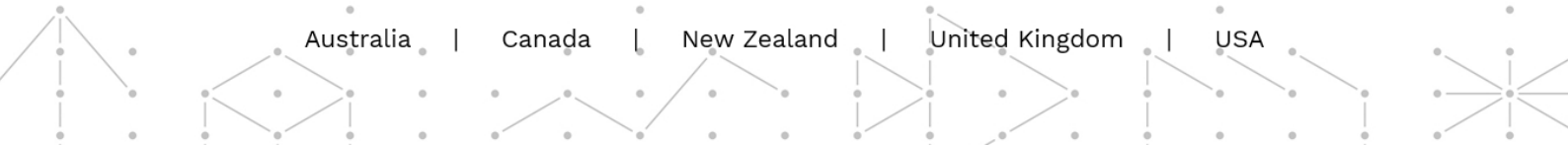
```
<xs:element name="PickFaceMaxStock" minOccurs="0" maxOccurs="1" type="xs:decimal"/>
<xs:element name="PickGroupID" minOccurs="0" maxOccurs="1" type="xs:integer"/>
<xs:element name="ItemWarehouseAttribute" minOccurs="0" maxOccurs="unbounded"> <!-- If
the item has custom attributes, these sub elements will need to be created -->
  <xs:complexType>
    <xs:sequence>
      <xs:element type="stringMustHaveValue" name="Attribute" minOccurs="1" maxOc-
curs="1"/> <!-- The name of the attribute being set -->
      <xs:element type="xs:string" name="Value" minOccurs="1" maxOccurs="1"/> <!--
The value of that attribute -->
    </xs:sequence>
  </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
```

Examples

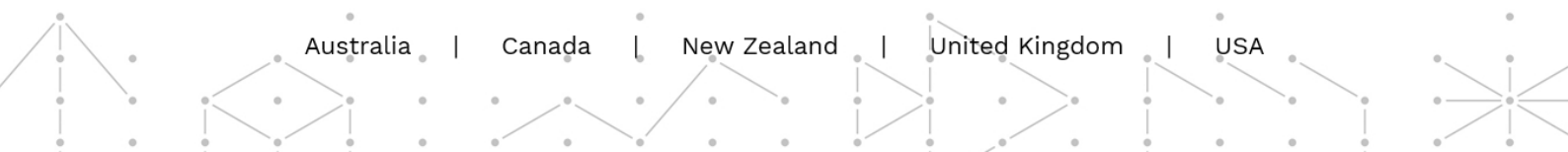
XML

```
<ItemWarehouseRecords xsi:noNamespaceSchemaLocation="schema.xsd" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <ItemWarehouseRecord>
    <InstanceCode>string</InstanceCode>
    <TenantCode>string</TenantCode>
    <WarehouseCode>string</WarehouseCode>
    <APIKey>string</APIKey>
    <ItemCode>string</ItemCode>
    <IntervalPickingCycleCount>36</IntervalPickingCycleCount>
    <IntervalBulkCycleCount>26</IntervalBulkCycleCount>
    <IntervalCountBack>57</IntervalCountBack>
    <StandardBinLocation>string</StandardBinLocation>
    <PickFaceMinStock>120</PickFaceMinStock>
    <PickFaceMaxStock>240</PickFaceMaxStock>
    <PickGroupID>3092</PickGroupID>
    <ItemWarehouseAttribute>
      <Attribute>string</Attribute>
      <Value>string</Value>
    </ItemWarehouseAttribute>
    <ItemWarehouseAttribute>
      <Attribute>string</Attribute>
      <Value>string</Value>
    </ItemWarehouseAttribute>
  </ItemWarehouseRecord>
</ItemWarehouseRecords>
```

JSON



```
{
  "ItemWarehouseRecords": {
    "ItemWarehouseRecord": {
      "InstanceCode": "string",
      "TenantCode": "string",
      "WarehouseCode": "string",
      "APIKey": "string",
      "ItemCode": "string",
      "IntervalPickingCycleCount": "36",
      "IntervalBulkCycleCount": "26",
      "IntervalCountBack": "57",
      "StandardBinLocation": "string",
      "PickFaceMinStock": "120",
      "PickFaceMaxStock": "240",
      "PickGroupID": "3092",
      "ItemWarehouseAttribute": [
        {
          "Attribute": "string",
          "Value": "string"
        },
        {
          "Attribute": "string",
          "Value": "string"
        }
      ]
    },
    "_xmlns:xsi": "http://www.w3.org/2001/XMLSchema-instance",
    "_xsi:noNamespaceSchemaLocation": "schema.xsd"
  }
}
```



KittingJobs

Purpose	Uploads kitting jobs.
Direction	Customer POST to .wms.
Endpoint	https://CLUSTER.dotwms.com/api/1.0/
File format	
HTTP verb	POST
XSD	KittingJobs_1.0.xsd
Notes	Only works with stock type composite items. Used by the UploadKitJob API.

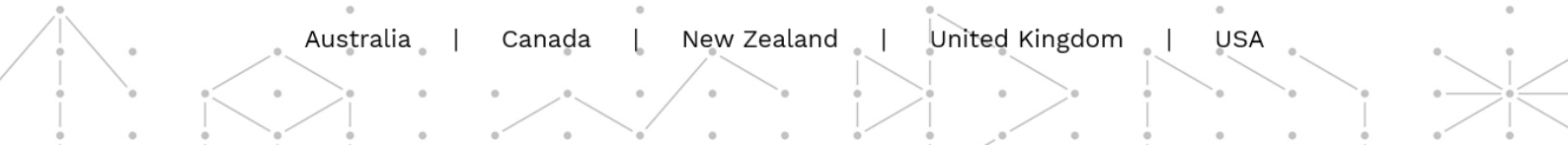
Fields

KittingJobs object model

.wms field	Data type	Mandatory
KittingJob	Object	✓

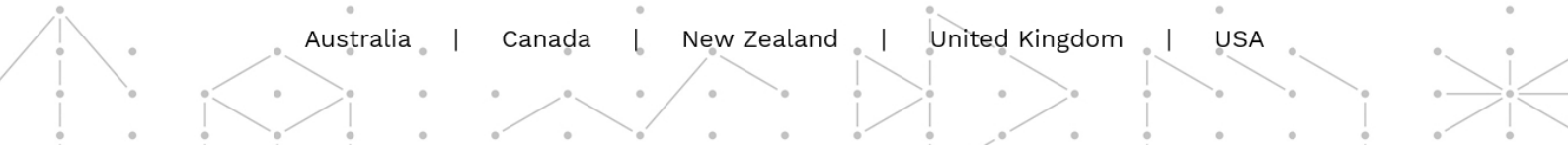
KittingJob object model

.wms field	Data type	Mandatory
InstanceCode	StringMustHaveValue	✓
TenantCode	StringMustHaveValue	✓
WarehouseCode	StringMustHaveValue	✓
APIKey	StringMustHaveValue	✓
JobType	String	✗
KittingType	StringRestriction: {	✗



.wms field	Data type	Mandatory
	Kitting, Dekitting, }	
PackSlipNumber	StringMustHaveValue	✗
OrderNumber	String	✗
OrderDate	Date	✓
JobPriority	Integer	✗
JobComplexityScore	Integer	✗
Additional01	String	✗
Additional02	String	✗
Additional03	String	✗
Additional04	String	✗
Additional05	String	✗
Additional06	String	✗
Additional07	String	✗
Additional08	String	✗
Additional09	String	✗
Additional10	String	✗
PackerMessage	String	✗
Line	Object	✗
JobAttribute	Object	✗
Comment	String	✗

Line object model



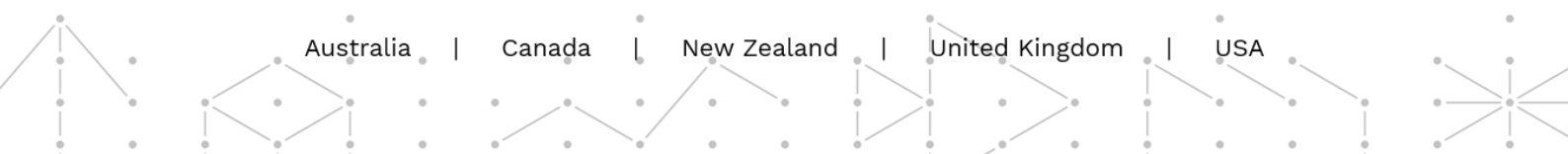
.wms field	Data type	Mandatory
ItemCode	StringMustHaveValue	✓
Quantity	Decimal	✓

JobAttribute object model

.wms field	Data type	Mandatory
Attribute	StringMustHaveValue	✓
Value	StringMustHaveValue	✓

XSD

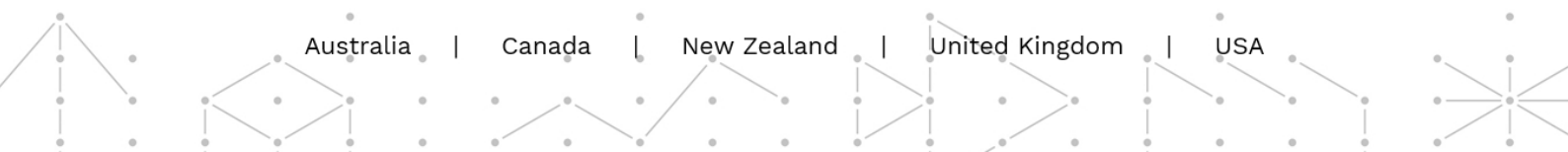
```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleType name="stringMustHaveValue">
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:element name="KittingJobs">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="KittingJob" minOccurs="1" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element
name="InstanceCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- This is the InstanceCode Provided
by .wms -->
              <xs:element
name="TenantCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- This is the TenantCode Provided by
.wms -->
              <xs:element
name="WarehouseCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- This is the WarehouseCode for
the warehouse the order is submitted to -->
              <xs:element name="APIKey" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!--
This is the APIKey Provided by .wms -->
              <xs:element name="JobType" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Typ-
ically "kitting", but can be used to define different order types. Not used systematically unless defined -->
              <xs:element name="KittingType" minOccurs="0" maxOccurs="1"> <!-- Type of packing method
to be used -->
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:enumeration value="Kitting"/>
                    <xs:enumeration value="DeKitting"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:sequence>
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:element>
</xs:schema>
```



```

        <xs:element
name="PackSlipNumber" minOccurs="0" maxOccurs="1" type="stringMustHaveValue"/> <!-- The Unique identifier for the
order -->
        <xs:element name="OrderNumber" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- A sep-
arate order number field for identification -->
        <xs:element name="OrderDate" minOccurs="1" maxOccurs="1" type="xs:date"/> <!-- The order
date, separate from the warehouse date which is generated on receipt of payload -->
        <xs:element
name="JobPriority" minOccurs="0" maxOccurs="1" default="1" type="xs:integer"/> <!-- The priority in Ascending order
(higher the number, higher the priority). Used in waving -->
        <xs:element name="JobComplexityScore" minOccurs="0" maxOccurs="1" default="1" type="xs:i-
integer"/> <!-- The complexity of the order (higher the number, higher the complexity). Used in reporting if defined
-->
        <xs:element name="Additional01" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
        <xs:element name="Additional02" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
        <xs:element name="Additional03" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
        <xs:element name="Additional04" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
        <xs:element name="Additional05" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
        <xs:element name="Additional06" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
        <xs:element name="Additional07" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
        <xs:element name="Additional08" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
        <xs:element name="Additional09" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
        <xs:element name="Additional10" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
        <xs:element name="PackerMessage" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
custom message displayed to the packer at the warehouse -->
        <xs:element name="Line" minOccurs="0" maxOccurs="unbounded">
            <xs:complexType>
                <xs:sequence>
                    <xs:element
name="ItemCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- ItemCode/SKU used to define the kit --
>
                    <xs:element
name="Quantity" minOccurs="1" maxOccurs="1" type="xs:decimal"/> <!-- Amount of items to be created -->
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element minOccurs="0" maxOccurs="unbounded" name="JobAttribute"> <!-- Job Attributes
to apply, used in reporting -->
            <xs:complexType>
                <xs:sequence>
                    <xs:element minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="A-
ttribute"/>
                    <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="Value"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="Comment" minOccurs="0" maxOccurs="unbounded" type="xs:string"/> <!--
Comments to put on the order. Will appear on the job slip -->
    </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>

```



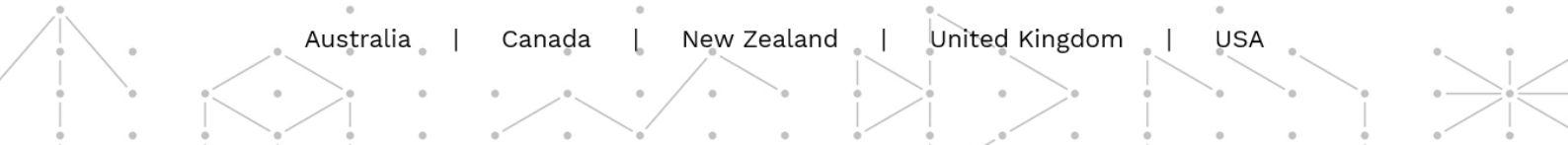
```
</xs:element>
</xs:schema>
```

Examples

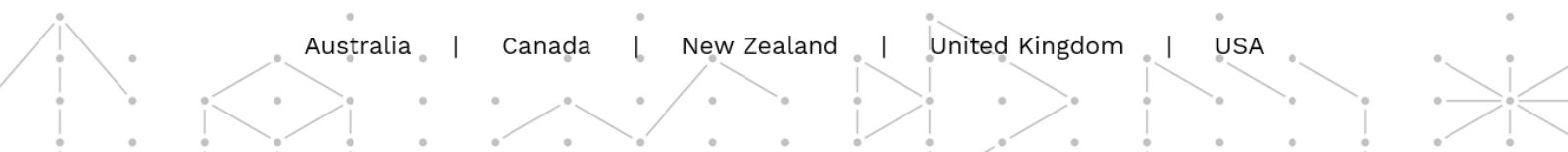
XML

```
<KittingJobs xsi:noNamespaceSchemaLocation="schema.xsd" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <KittingJob>
    <InstanceCode>string</InstanceCode>
    <TenantCode>string</TenantCode>
    <WarehouseCode>string</WarehouseCode>
    <APIKey>string</APIKey>
    <JobType>string</JobType>
    <KittingType>Dekitting</KittingType>
    <PackSlipNumber>string</PackSlipNumber>
    <OrderNumber>string</OrderNumber>
    <OrderDate>YYYY-MM-DD</OrderDate>
    <JobPriority>1</JobPriority>
    <JobComplexityScore>1</JobComplexityScore>
    <Additional01>string</Additional01>
    <Additional02>string</Additional02>
    <Additional03>string</Additional03>
    <Additional04>string</Additional04>
    <Additional05>string</Additional05>
    <Additional06>string</Additional06>
    <Additional07>string</Additional07>
    <Additional08>string</Additional08>
    <Additional09>string</Additional09>
    <Additional10>string</Additional10>
    <PackerMessage>string</PackerMessage>
    <Line>
      <ItemCode>string</ItemCode>
      <Quantity>3</Quantity>
    </Line>
    <Line>
      <ItemCode>string</ItemCode>
      <Quantity>3</Quantity>
    </Line>
    <JobAttribute>
      <Attribute>string</Attribute>
      <Value>string</Value>
    </JobAttribute>
    <JobAttribute>
      <Attribute>string</Attribute>
      <Value>string</Value>
    </JobAttribute>
    <Comment>string</Comment>
  </KittingJob>
</KittingJobs>
```

JSON



```
{
  "KittingJobs": {
    "KittingJob": {
      "InstanceCode": "string",
      "TenantCode": "string",
      "WarehouseCode": "string",
      "APIKey": "string",
      "JobType": "string",
      "KittingType": "Dekitting",
      "PackslipNumber": "string",
      "OrderNumber": "string",
      "OrderDate": "YYYY-MM-DD",
      "JobPriority": "1",
      "JobComplexityScore": "1",
      "Additional01": "string",
      "Additional02": "string",
      "Additional03": "string",
      "Additional04": "string",
      "Additional05": "string",
      "Additional06": "string",
      "Additional07": "string",
      "Additional08": "string",
      "Additional09": "string",
      "Additional10": "string",
      "PackerMessage": "string",
      "Line": [
        {
          "ItemCode": "string",
          "Quantity": "3"
        },
        {
          "ItemCode": "string",
          "Quantity": "3"
        }
      ],
      "JobAttribute": [
        {
          "Attribute": "string",
          "Value": "string"
        },
        {
          "Attribute": "string",
          "Value": "string"
        }
      ],
      "Comment": "string"
    },
    "_xmlns:xsi": "http://www.w3.org/2001/XMLSchema-instance",
    "_xsi:noNamespaceSchemaLocation": "schema.xsd"
  }
}
```



MoveULD

Purpose	Moves ULDs.
Direction	Customer POST to .wms.
Endpoint	https://CLUSTER.dotwms.com/api/1.0/
File format	
HTTP verb	POST
XSD	MoveULD_1.0.xsd

Fields

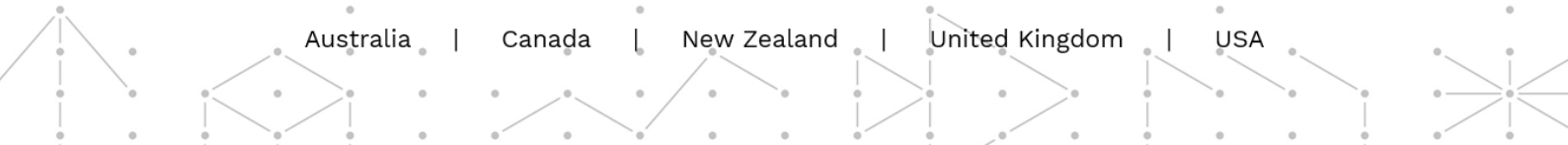
Movements object model

.wms field	Data type	Mandatory
Movement	Object	✓

Movement object model

.wms field	Data type	Mandatory
InstanceCode	StringMustHaveValue	✓
TenantCode	StringMustHaveValue	✓
WarehouseCode	StringMustHaveValue	✓
APIKey	StringMustHaveValue	✓
ULDBarcode	StringMustHaveValue	✓
NewLocation	String	✓

XSD



```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleType name="stringMustHaveValue">
    <xs:restriction base="xs:string">
      <xs:minLength value="1" />
    </xs:restriction>
  </xs:simpleType>

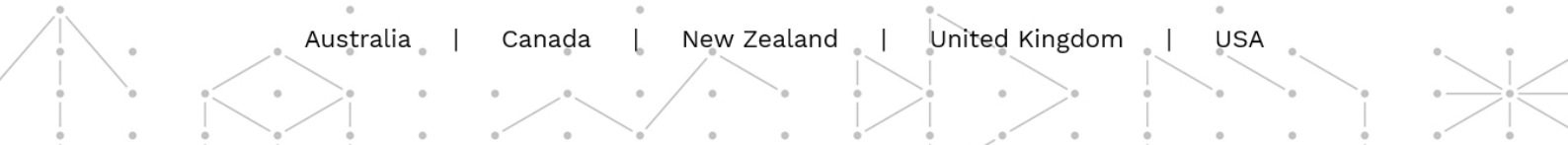
  <xs:element name="Movements">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="Movement" minOccurs="1" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="InstanceCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="WarehouseCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="APIKey" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="ULDBarcode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="NewLocation" minOccurs="1" maxOccurs="1" type="xs:string"/>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
```

Examples

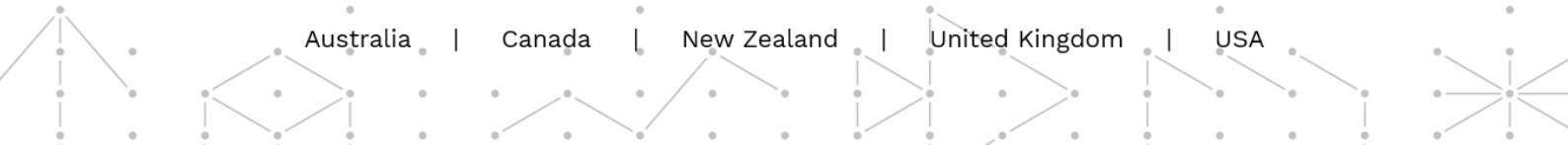
XML

```
<Movements xsi:noNamespaceSchemaLocation="schema.xsd" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <Movement>
    <InstanceCode>string</InstanceCode>
    <WarehouseCode>string</WarehouseCode>
    <APIKey>string</APIKey>
    <ULDBarcode>string</ULDBarcode>
    <NewLocation>string</NewLocation>
  </Movement>
  <Movement>
    <InstanceCode>string</InstanceCode>
    <WarehouseCode>string</WarehouseCode>
    <APIKey>string</APIKey>
    <ULDBarcode>string</ULDBarcode>
    <NewLocation>string</NewLocation>
  </Movement>
</Movements>
```

JSON



```
{
  "Movements": {
    "Movement": [
      {
        "InstanceCode": "string",
        "WarehouseCode": "string",
        "APIKey": "string",
        "ULDBarcode": "string",
        "NewLocation": "string"
      },
      {
        "InstanceCode": "string",
        "WarehouseCode": "string",
        "APIKey": "string",
        "ULDBarcode": "string",
        "NewLocation": "string"
      }
    ],
    "_xmlns:xsi": "http://www.w3.org/2001/XMLSchema-instance",
    "_xsi:noNamespaceSchemaLocation": "schema.xsd"
  }
}
```



UpsertASNReceipt

Purpose	Create or update an ASN receipt in .wms.
Direction	Customer POST to .wms.
Endpoint	https://CLUSTER.dotwms.com/api/1.0/UpsertASNReceipt/
File format	XML or JSON
HTTP verb	POST
XSD	ASNReceipts_1.0.xsd

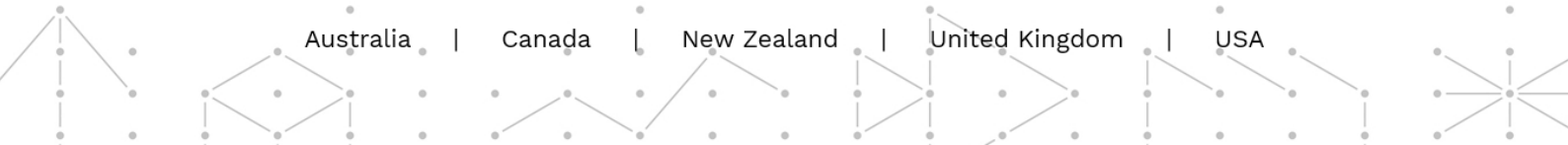
Fields

ASNReceipts header object model

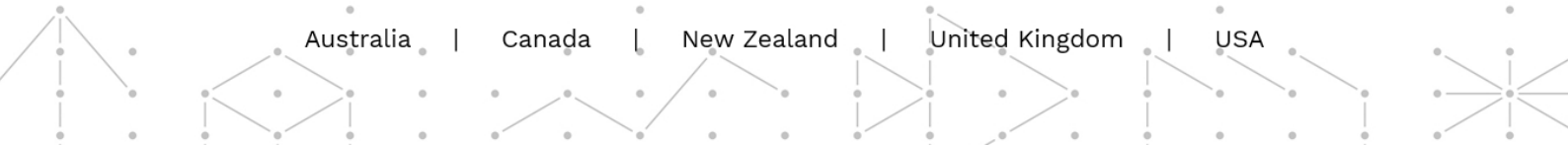
.wms field	Data type	Mandatory
ASNReceipt	Object	✓

ASNReceipt object model

.wms field	Data type	Mandatory
InstanceCode	StringMustHaveValue	✓
TenantCode	StringMustHaveValue	✓
WarehouseCode	StringMustHaveValue	✓
APIKey	StringMustHaveValue	✓
ShipmentNumber	StringMustHaveValue	✓
ContainerType	String	✗
DueDate	Date	✗
ReceiptReference	String	✗



.wms field	Data type	Mandatory
SupplierName	String	✗
SupplierAddress1	String	✗
SupplierAddress2	String	✗
SupplierSuburb	String	✗
SupplierState	String	✗
SupplierPostcode	String	✗
SupplierCountry	String	✗
SupplierEmail	String	✗
SupplierPhone	String	✗
SupplierFax	String	✗
FreightType	String	✗
Additional01	String	✗
Additional02	String	✗
Additional03	String	✗
Additional04	String	✗
Additional05	String	✗
Additional06	String	✗
Additional07	String	✗
Additional08	String	✗
Additional09	String	✗
Additional10	String	✗
OverReceiptTolerance	Decimal	✗
Line	Object	✓
JobAttribute	Object	✗



.wms field	Data type	Mandatory
Packs	Object	✗

JobAttribute object model

.wms field	Data type	Mandatory
Attribute	StringMustHaveValue	✓
Value	String	✓

ASNReceipt/Line object model

.wms field	Data type	Mandatory
OrderNumber	String	✗
OrderLineNumber	String	✗
InvoiceNumber	String	✗
ForwardersRef	String	✗
ItemCode	StringMustHaveValue	✓
ItemDescription	String	✗
ExpectedQuantity	Decimal	✓
TradeUnitLevel	StringRestriction: { Unit, Inner, Outer, Pallet, }	✗
ExpectedBatchNumber	String	✗
LineAttribute	Object	✗
ExpectedStockAttribute	Object	✗



LineAttribute object model

.wms field	Data type	Mandatory
Attribute	StringMustHaveValue	✓
Value	String	✓

ExpectedStockAttribute object model

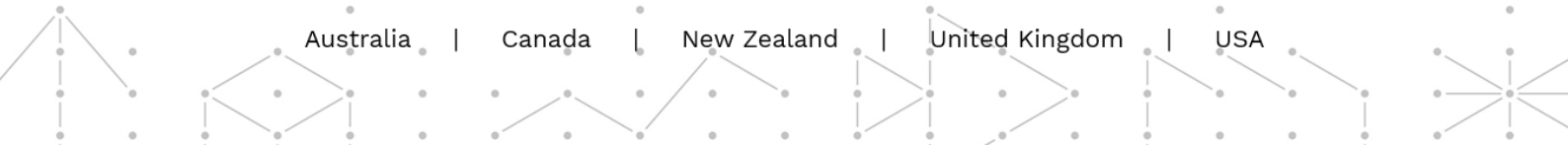
.wms field	Data type	Mandatory
Attribute	StringMustHaveValue	✓
Value	String	✓

Packs object model

.wms field	Data type	Mandatory
SSCCNumber	StringMustHaveValue	✓
Line	Object	✓
ExpectedStockAttribute	Object	✗
Attribute	StringMustHaveValue	✓
Value	String	✓
PackAttribute	Object	✗

Line object model

.wms field	Data type	Mandatory
ItemCode	StringMustHaveValue	✓



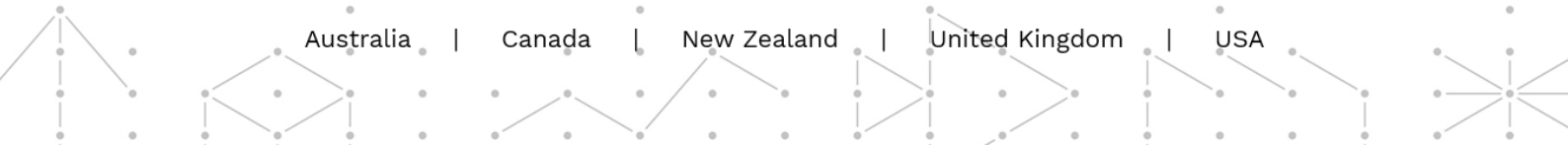
.wms field	Data type	Mandatory
UnitQuantity	Decimal	✓
TradeUnitLevel	StringRestriction: { Unit, Inner, Outer, Pallet, }	✗
BatchNumber	String	✗
SerialNumber	String	✗
BestBeforeDate	Date	✗
ProductionDate	Date	✗
PackagingDate	Date	✗
SellByDate	Date	✗
ExpiryDate	Date	✗

ExpectedStockAttribute object model

.wms field	Data type	Mandatory
Attribute	StringMustHaveValue	✓
Value	String	✓

PackAttribute object model

.wms field	Data type	Mandatory
Attribute	StringMustHaveValue	✓
Value	String	✓

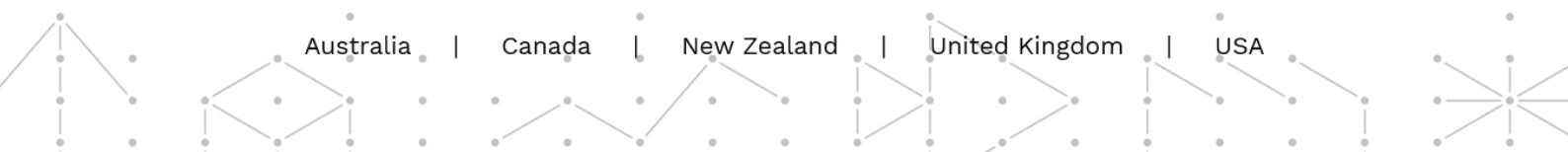


XSD

```

<?xml version="1.0" encoding="utf-8"?>
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleType name="stringMustHaveValue">
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:element name="ASNReceipts">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="ASNReceipt" minOccurs="1" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="InstanceCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="TenantCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element
name="WarehouseCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="APIKey" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element
name="ShipmentNumber" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="ContainerType" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="DueDate" minOccurs="0" maxOccurs="1" type="xs:date"/>
              <xs:element name="ReceiptReference" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="SupplierName" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="SupplierAddress1" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="SupplierAddress2" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="SupplierSuburb" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="SupplierState" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="SupplierPostcode" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="SupplierCountry" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="SupplierEmail" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="SupplierPhone" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="SupplierFax" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="FreightType" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="Additional01" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="Additional02" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="Additional03" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="Additional04" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="Additional05" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="Additional06" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="Additional07" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="Additional08" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="Additional09" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="Additional10" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="OverReceiptTolerance" minOccurs="0" maxOccurs="1" type="xs:decimal"/>
              <xs:element name="Line" minOccurs="1" maxOccurs="unbounded">
                <xs:complexType>
                  <xs:sequence>
                    <xs:element
name="OrderNumber" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element
name="OrderLineNumber" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element
name="InvoiceNumber" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element
name="ForwardersRef" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element
name="ItemCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>

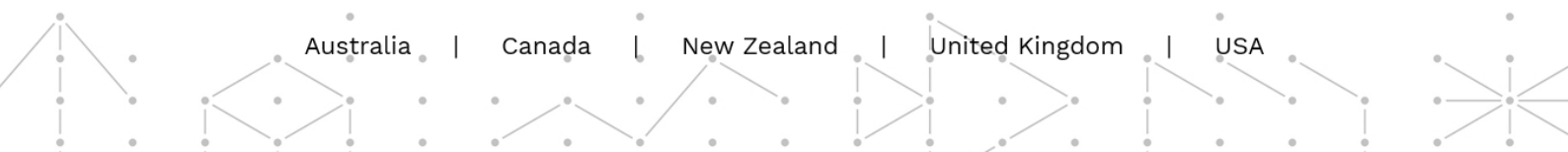
```



```

        <xs:element
name="ItemDescription" minOccurs="0" maxOccurs="1" type="xs:string"/>
        <xs:element name="ExpectedQuantity" minOccurs="1" maxOccurs="1" type="xs-
s:decimal"/>
        <xs:element name="TradeUnitLevel" minOccurs="0" maxOccurs="1"> <!-- The
trade unit to multiply the quantity by, defaults to Unit -->
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:enumeration value="Unit"/> <!-- The lowest level of the
item. Quantity must be 1 -->
                <xs:enumeration value="Inner"/> <!-- The inner box only 1 record
allowed -->
                <xs:enumeration value="Outer"/> <!-- The outer box only 1 record
allowed -->
                <xs:enumeration value="Pallet"/> <!-- The pallet amount -->
            </xs:restriction>
        </xs:simpleType>
        </xs:element>
        <xs:element
name="ExpectedBatchNumber" minOccurs="0" maxOccurs="1" type="xs:string"/>
        <xs:element
name="ExpectedSerialNumber" minOccurs="0" maxOccurs="1" type="xs:string"/>
        <xs:element minOccurs="0" maxOccurs="unbounded" name="LineAttribute">
            <xs:complexType>
                <xs:sequence>
                    <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="Attribute"/>
                    <xs:element
minOccurs="1" maxOccurs="1" type="xs:string" name="Value"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="ExpectedStockAttribute" minOccurs="0" maxOccurs="u-
unbounded">
            <xs:complexType>
                <xs:sequence>
                    <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="Attribute"/>
                    <xs:element
minOccurs="1" maxOccurs="1" type="xs:string" name="Value"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element minOccurs="0" maxOccurs="unbounded" name="JobAttribute">
    <xs:complexType>
        <xs:sequence>
            <xs:element minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="A-
ttribute"/>
            <xs:element minOccurs="1" maxOccurs="1" type="xs:string" name="Value"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element minOccurs="0" maxOccurs="unbounded" name="Packs">
    <xs:complexType>
        <xs:sequence>
            <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="SSCCNumber"/>
            <xs:element name="Line" minOccurs="1" maxOccurs="unbounded">
                <xs:complexType>
                    <xs:sequence>

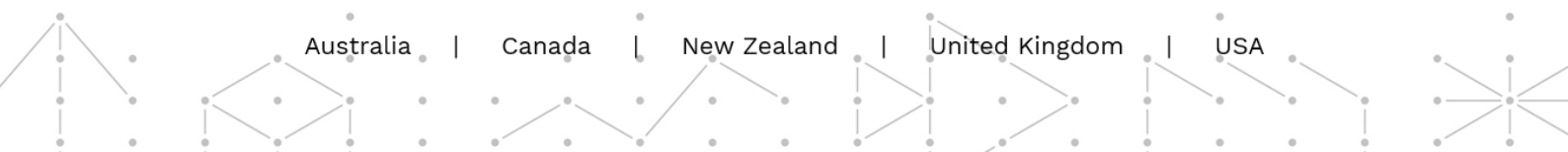
```



```

        <xs:element
name="ItemCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
        <xs:element
name="UnitQuantity" minOccurs="1" maxOccurs="1" type="xs:decimal"/>
        <xs:element
name="TradeUnitLevel" minOccurs="0" maxOccurs="1"> <!-- The trade unit to multiply the quantity by, defaults to Unit
-->
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:enumeration value="Unit"/> <!-- The lowest level
of the item. Quantity must be 1 -->
                    <xs:enumeration value="Inner"/> <!-- The inner box
only 1 record allowed -->
                    <xs:enumeration value="Outer"/> <!-- The outer box
only 1 record allowed -->
                    <xs:enumeration value="Pallet"/> <!-- The pallet
amount -->
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element
name="BatchNumber" minOccurs="0" maxOccurs="1" type="xs:string"/>
        <xs:element
name="SerialNumber" minOccurs="0" maxOccurs="1" type="xs:string"/>
        <xs:element
name="BestBeforeDate" minOccurs="0" maxOccurs="1" type="xs:date"/>
        <xs:element
name="ProductionDate" minOccurs="0" maxOccurs="1" type="xs:date"/>
        <xs:element
name="PackagingDate" minOccurs="0" maxOccurs="1" type="xs:date"/>
        <xs:element
name="SellByDate" minOccurs="0" maxOccurs="1" type="xs:date"/>
        <xs:element
name="ExpiryDate" minOccurs="0" maxOccurs="1" type="xs:date"/>
    </xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ExpectedStockAttribute" minOccurs="0" maxOccurs="u-
unbounded">
    <xs:complexType>
        <xs:sequence>
            <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="Attribute"/>
            <xs:element
minOccurs="1" maxOccurs="1" type="xs:string" name="Value"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element minOccurs="0" maxOccurs="unbounded" name="PackAttribute">
    <xs:complexType>
        <xs:sequence>
            <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="Attribute"/>
            <xs:element
minOccurs="1" maxOccurs="1" type="xs:string" name="Value"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>

```




```

        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>

```

Examples

XML

```

<ASNReceipts>
  <ASNReceipt>
    <InstanceCode>SampleCode</InstanceCode>
    <TenantCode>SampleCode</TenantCode>
    <WarehouseCode>SampleCode</WarehouseCode>
    <APIKey>0123456789abcdef</APIKey>
    <ShipmentNumber>1</ShipmentNumber>
    <Line>
      <ItemCode>10000</ItemCode>
      <ExpectedQuantity>1</ExpectedQuantity>
      <TradeUnitLevel>Unit</TradeUnitLevel>
    </Line>
    <Packs>
      <SSCCNumber>XXXXXX123</SSCCNumber>
      <Line>
        <ItemCode>10000</ItemCode>
        <UnitQuantity>1</UnitQuantity>
        <TradeUnitLevel>Unit</TradeUnitLevel>
      </Line>
    </Packs>
  </ASNReceipt>
</ASNReceipts>

```

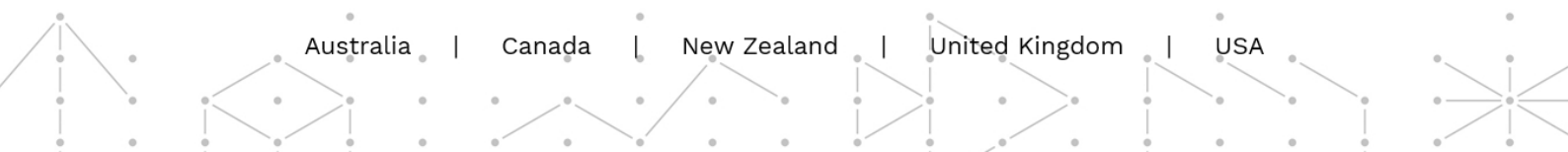
JSON

Note: JSON must be ordered as described by the model.

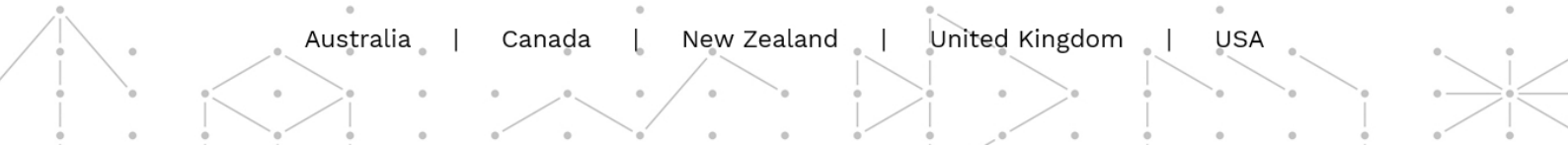
```

{
  "ASNReceipt": {
    "InstanceCode": "SampleCode",
    "TenantCode": "SampleCode",
    "WarehouseCode": "SampleCode",
    "APIKey": "0123456789abcdef",
    "ShipmentNumber": "1",
    "Line": {
      "ItemCode": "10000",
      "ExpectedQuantity": "1",
      "TradeUnitLevel": "Unit"
    }
  }
}

```



```
    },
    "Packs": {
      "SSCCNumber": "XXXXXX123",
      "Line": {
        "ItemCode": "10000",
        "UnitQuantity": "1",
        "TradeUnitLevel": "Unit"
      }
    }
  }
}
```



UpsertFulfilmentRequest

Purpose	Create or update a fulfilment request in .wms.
Direction	Customer POST to .wms.
Endpoint	https://CLUSTER.dotwms.com/api/1.0/UpsertFulfilmentRequest/
File format	XML
HTTP verb	POST
XSD	FulfilmentRequests_1.0.xsd
Notes	Used by the UpsertFulfilmentRequestAddressLookup API.

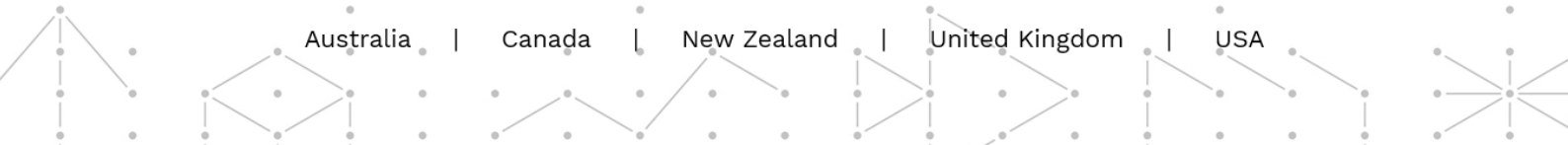
Fields

FulfilmentRequests object model

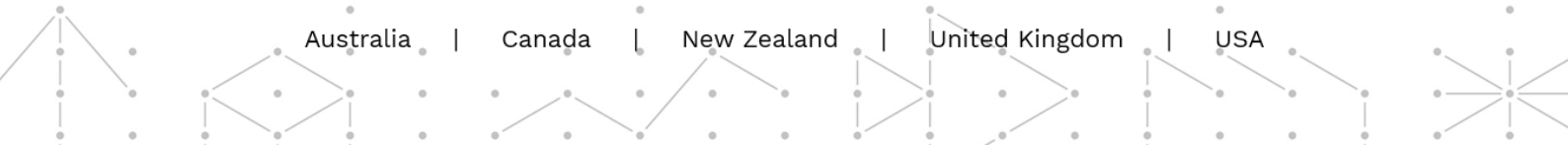
.wms field	Data type	Mandatory
FulfilmentRequest	Object	✓

FulfilmentRequest object model

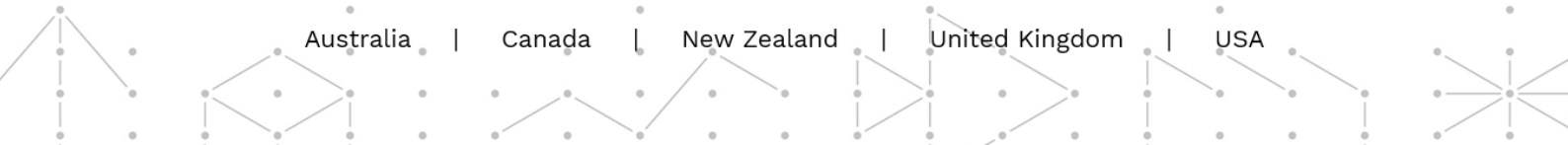
.wms field	Data type	Mandatory
InstanceCode	StringMustHaveValue	✓
TenantCode	StringMustHaveValue	✓
APIKey	StringMustHaveValue	✓
OrderSource	String	✗
JobType	String	✗
PickMethod	StringRestriction: { None, Exact,	✗



.wms field	Data type	Mandatory
	Partial, Random, SingleScan_Exact, SingleScan_Partial, SingleScan_Random, }	
PackMethod	StringRestriction: { Manual, AdminTask, Pallet, RainbowPallet, Carton, AutoConsignment, }	✗
SalesOrderNumber	StringMustHaveValue	✓
ParentCustomerCode	StringMustHaveValue	✓
CustomerCode	StringMustHaveValue	✓
OrderNumber	String	✗
OrderDate	Date	✓
PickingSlipDate	Date	✗
JobPriority	Integer	✗
DeliverWindowOpenDate	Date	✗
DeliverWindowCloseDate	Date	✗
DeliverWindowTime	String	✗
CarrierServiceCode	String	✗
SalesOrderHeldReason	String	✗



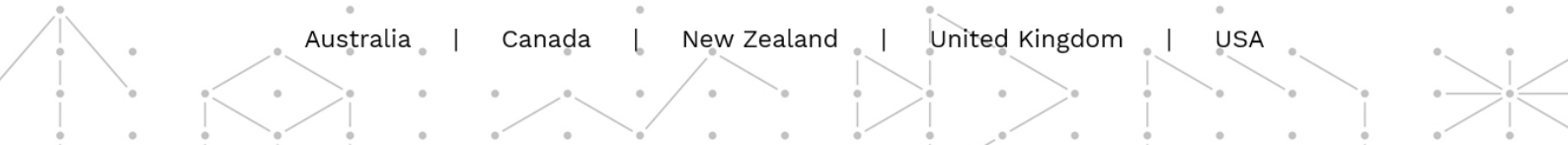
.wms field	Data type	Mandatory
DeliveryName	StringMustHaveValue	✓
DeliveryCompany	String	✗
DeliveryAddress1	StringMustHaveValue	✓
DeliveryAddress2	String	✗
DeliverySuburb	String	✗
DeliveryState	String	✗
DeliveryPostcode	String	✗
DeliveryCountry	String	✓
DeliveryEmail	String	✗
DeliveryPhone	String	✗
DeliveryFax	String	✗
LabelTemplate	String	✗
Additional01	String	✗
Additional02	String	✗
Additional03	String	✗
Additional04	String	✗
Additional05	String	✗
Additional06	String	✗
Additional07	String	✗
Additional08	String	✗
Additional09	String	✗
Additional10	String	✗
IsSendASN	Boolean	✗



.wms field	Data type	Mandatory
IsBookinFreight	Boolean	✗
IsDateSensitiveFreight	Boolean	✗
IsTimeSensitiveFreight	Boolean	✗
PackageValueCurrency	String	✗
FreightValue	Decimal	✗
PackerMessage	String	✗
FreightSpecialInstructions	String	✗
Line	Object	✗
JobAttribute	Object	✗
Comment	String	✗

Line object model

.wms field	Data type	Mandatory
WarehouseCode	String	✗
OrderLineNumber	String	✗
PackSlipLineNumber	String	✗
XDockDestination	String	✗
ItemCode	StringMustHaveValue	✓
ItemCodeType	StringRestriction: { ItemCode, GTIN, }	✗
ItemDescription	String	✗
CustomerItemRef	String	✗



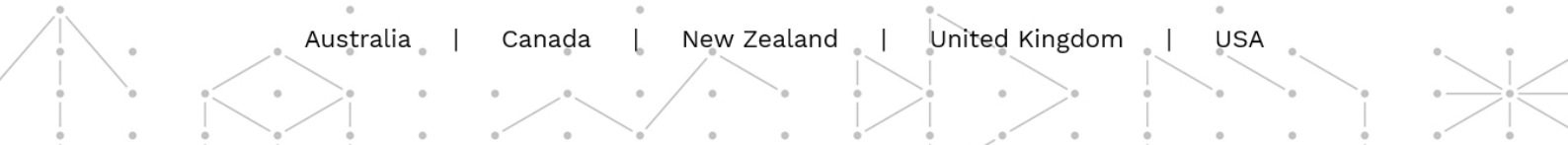
.wms field	Data type	Mandatory
BinLocation	String	✗
RequestedBatchNumber	String	✗
RequestedSerialNumber	String	✗
RequestedBestBeforeDate	String	✗
RequestedProductionDate	String	✗
RequestedPackagingDate	String	✗
RequestedSellByDate	String	✗
RequestedExpiryDate	String	✗
RequestedULD	String	✗
RequestedStockAttribute	Object	✗
Quantity	Decimal	✗
TariffCode	String	✗
UnitValueAmount	Decimal	✗
LineAttribute	Object	✗

RequestedStockAttribute object model

.wms field	Data type	Mandatory
Attribute	StringMustHaveValue	✓
Value	StringMustHaveValue	✓

LineAttribute object model

.wms field	Data type	Mandatory
Attribute	StringMustHaveValue	✓
Value	StringMustHaveValue	✓



JobAttribute object model

.wms field	Data type	Mandatory
Attribute	StringMustHaveValue	✓
Value	StringMustHaveValue	✓

XSD

```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleType name="stringMustHaveValue">
    <xs:restriction base="xs:string">
      <xs:minLength value="1" />
    </xs:restriction>
  </xs:simpleType>

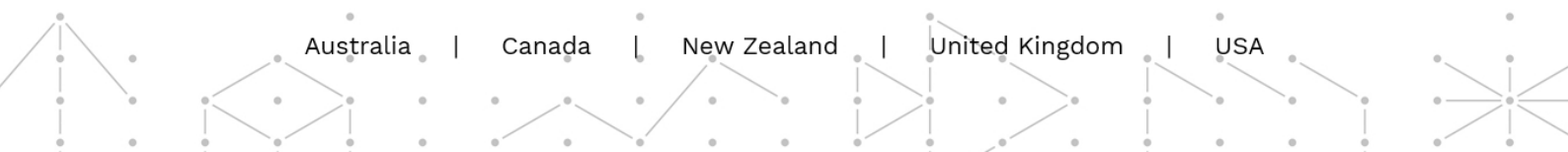
  <xs:element name="FulfilmentRequests">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="FulfilmentRequest" minOccurs="1" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element
name="InstanceCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- This is the InstanceCode provided
by .wms -->
              <xs:element
name="TenantCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- This is the TenantCode provided by
.wms -->
              <xs:element name="APIKey" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!--
This is the APIKey provided by .wms -->
              <xs:element name="OrderSource" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Order-
Source intended to show the system the order came from -->
              <xs:element name="JobType" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Typically
"Order", but can be used to define different order types. Not used systematically unless defined -->
              <xs:element name="PickMethod" minOccurs="0" maxOccurs="1"> <!-- The type of picking
allowed -->
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:enumeration value="None"/> <!-- Rarely used method, means no picking is
done, items immediately assumed as picked. Will not deprecate stock -->
                    <xs:enumeration value="Exact"/> <!-- Most common method. Does allow partial
shipping. All items must be picked to complete the pick. -->
                    <xs:enumeration value="Partial"/> <!-- Allows for partial shipment of orders
by operator -->
                    <xs:enumeration value="Random"/> <!-- Seldom used, rare scenarios which
allows operator to scan ANYTHING -->
                    <xs:enumeration value="Inline_Exact"/> <!-- Same as exact, but pick and pack
done together on single screen -->
                    <xs:enumeration value="Inline_Partial"/> <!-- Same as partial, but pick and
pack done together on single screen -->
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
```




```

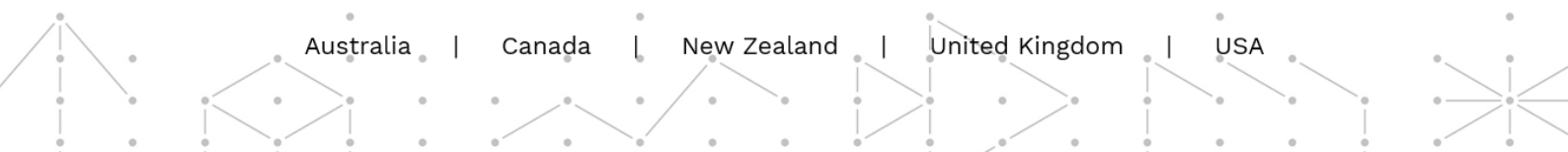
<xs:element name="PackMethod" minOccurs="0" maxOccurs="1"> <!-- Type of packing method
to be used -->
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:enumeration value="Manual"/> <!-- Simply asks for a carton count. Items
all virtually packed into first box. Used in fast pack out scenarios where carton pack lists aren't required -->
      <xs:enumeration value="AdminTask"/> <!-- Used internally, just produces a
button to job complete. DO NOT USE ON DISPATCH ORDERS -->
      <xs:enumeration value="Pallet"/> <!-- Specifically for large pallet packs of
the same item. Recommend using carton in mix pallet scenarios -->
      <xs:enumeration value="RainbowPallet"/> <!-- LEGACY: Use Carton -->
      <xs:enumeration value="Carton"/> <!-- Standard carton packing screen. Allows
for carton logistic units to be created. Allows knowledge of what is in each carton -->
      <xs:enumeration value="AutoConsignment"/> <!-- Automatically generate con-
signment based on rules after pick -->
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element
name="SalesOrderNumber" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- The Sales Order Number, used
as the identifier for the job. Will iterate if multiple-->
  <xs:element
name="ParentCustomerCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- Field that defines the Par-
ent customer (can be just the customer code if not needed) -->
  <xs:element
name="CustomerCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- Customer Code - not systematically
defined unless requested. Can be variable -->
  <xs:element name="OrderNumber" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- A sep-
arate order number field. Typically used for Customer's PO -->
  <xs:element name="OrderDate" minOccurs="1" maxOccurs="1" type="xs:date"/> <!-- The order
date, separate from the warehouse date which is generated on receipt of payload -->
  <xs:element name="PickingSlipDate" minOccurs="0" maxOccurs="1" type="xs:date"/> <!-- A
second order date if there are multiples -->
  <xs:element
name="JobPriority" minOccurs="0" maxOccurs="1" default="1" type="xs:integer"/> <!-- The priority in ascending order
(higher the number, higher the priority). Used in waving -->
  <xs:element
name="DeliverWindowOpenDate" minOccurs="0" maxOccurs="1" type="xs:date"/> <!-- Used to drive delivery dates. Will
throw error if carrier/setup doesn't support Date Sensitive Shipping -->
  <xs:element
name="DeliverWindowCloseDate" minOccurs="0" maxOccurs="1" type="xs:date"/> <!-- Used to drive delivery dates. Will
throw error if carrier/setup doesn't support Date Sensitive Shipping -->
  <xs:element name="DeliverWindowTime" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
Used to drive delivery times. Will throw error if carrier/setup doesn't support Time Sensitive Shipping -->
  <xs:element name="CarrierServiceCode" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
- The Carrier Service Code defined by .wms for a particular carrier service to be used on the job -->
  <xs:element
name="SalesOrderHeldReason" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- If used, will immediately put the
job on hold upon creation with this reason -->
  <xs:element
name="DeliveryName" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- The Delivery Name (Substitue com-
pany into here if no attention person) -->
  <xs:element name="DeliveryCompany" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
The Delivery Company -->
  <xs:element
name="DeliveryAddress1" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- 1st Address Line -->
  <xs:element name="DeliveryAddress2" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
2nd Address Line -->
  <xs:element name="DeliverySuburb" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
The delivery Suburb, must exist and be validated for Australian Shipments -->
  <xs:element name="DeliveryState" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- The
delivery State, must exist and be validated for Australian Shipments -->
  <xs:element name="DeliveryPostcode" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
The delivery Postcode or ZIP Code, must exist and be validated for Australian Shipments -->

```



```

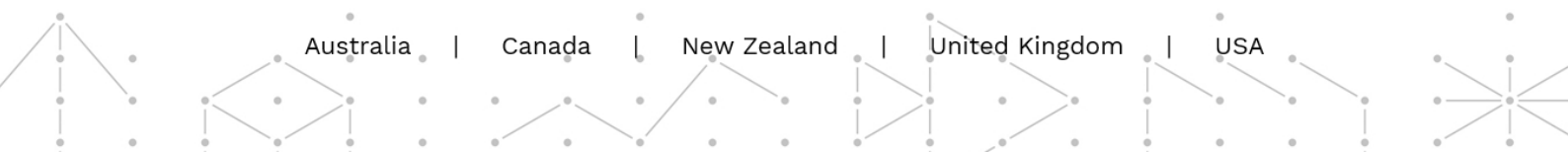
<xs:element name="DeliveryCountry" minOccurs="1" maxOccurs="1" type="xs:string"/> <!--
The Australia Post defined country name OR the 2 or 3 length country code -->
<xs:element name="DeliveryEmail" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- The
email of the recipient -->
<xs:element name="DeliveryPhone" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- The
phone number of the recipient -->
<xs:element name="DeliveryFax" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- The
fax number of the recipient -->
<xs:element
name="LabelTemplate" minOccurs="0" maxOccurs="1" default="default" type="xs:string"/> <!-- Used to define SSCC label
templates if they exist. Use 'None' if not generating SSCCs -->
<xs:element name="Additional01" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
<xs:element name="Additional02" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
<xs:element name="Additional03" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
<xs:element name="Additional04" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
<xs:element name="Additional05" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
<xs:element name="Additional06" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
<xs:element name="Additional07" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
<xs:element name="Additional08" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
<xs:element name="Additional09" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
<xs:element name="Additional10" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
<xs:element name="IsSendASN" minOccurs="0" maxOccurs="1" default="false" type="xs-
s:boolean"/> <!-- Defines if an ASN is sent for the order. Rarely used as other rules encapsulate this -->
<xs:element name="IsBookinFreight" minOccurs="0" maxOccurs="1" default="false" type="xs-
s:boolean"/> <!-- Defines freight requires booking. Carrier must support bookings for this to work -->
<xs:element
name="IsDateSensitiveFreight" minOccurs="0" maxOccurs="1" default="false" type="xs:boolean"/> <!-- Defines if
freight is date sensitive. If yes, DeliveryWindowOpen/Close dates must be defined -->
<xs:element
name="IsTimeSensitiveFreight" minOccurs="0" maxOccurs="1" default="false" type="xs:boolean"/> <!-- Defines if
freight is time sensitive. If yes, DeliveryWindowTime must be defined -->
<xs:element name="PackageValueCurrency" minOccurs="0" maxOccurs="1" type="xs:string"/>
<xs:element name="FreightValue" minOccurs="0" maxOccurs="1" type="xs:decimal"/>
<xs:element name="PackerMessage" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- cus-
tom message displayed to the packer at the warehouse -->
<xs:element
name="FreightSpecialInstructions" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Special instructions to pass
to the freight carrier -->
<xs:element name="Line" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:sequence>
      <xs:element
name="WarehouseCode" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Warehouse to fulfil order from. In most
cases this should be set to a value, but may be omitted if sourcing logic configured in .wms -->
      <xs:element
name="OrderLineNumber" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Line number in the ERP, used in return
message -->
      <xs:element
name="PackSlipLineNumber" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Second Line number if used in the ERP,
used in return message -->
      <xs:element
name="XDockDestination" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Used in Cross Docking to define the
Ultimate Destination -->
    
```



```

name="ItemCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- ItemCode/SKU used to define the item -
->
                                <xs:element name="ItemCodeType" minOccurs="0" maxOccurs="1"> <!-- Whether
the SKU or the GTIN/UPC is being sent -->
                                <xs:simpleType>
                                    <xs:restriction base="xs:string">
                                        <xs:enumeration value="ItemCode"/>
                                        <xs:enumeration value="GTIN"/>
                                    </xs:restriction>
                                </xs:simpleType>
                                </xs:element>
                                <xs:element
name="ItemDescription" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Custom Description, will use item master
description if not defined -->
                                <xs:element
name="CustomerItemRef" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- A reference that can be used in return
message -->
                                <xs:element
name="BinLocation" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Used in scenarios where .wms is not managing
the stock to define where stock is in separate system -->
                                <xs:element
name="RequestedBatchNumber" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Specific Batch number to pick -->
                                <xs:element
name="RequestedSerialNumber" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Specific Serial number to pick -->
                                <xs:element
name="RequestedBestBeforeDate" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Specific BBD to pick -->
                                <xs:element
name="RequestedProductionDate" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Specific Production Date to pick
-->
                                <xs:element
name="RequestedPackagingDate" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Specific Packaging Date to pick -
->
                                <xs:element
name="RequestedSellByDate" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Specific Sell By Date to pick -->
                                <xs:element
name="RequestedExpiryDate" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Specific Expiry Date to pick -->
                                <xs:element
name="RequestedULD" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Specific ULD to pick from -->
                                <xs:element name="RequestedStockAttribute" minOccurs="0" maxOccurs="un-
bounded"> <!-- Items with these specific attributes to be picked -->
                                    <xs:complexType>
                                        <xs:sequence>
                                            <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="Attribute"/>
                                            <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="Value"/>
                                        </xs:sequence>
                                    </xs:complexType>
                                </xs:element>
                                <xs:element
name="Quantity" minOccurs="1" maxOccurs="1" type="xs:decimal"/> <!-- Amount of this line to be picked in units -->
                                <xs:element
name="TariffCode" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- HS Tariff Code of the item. Required for inter-
national with commercial clearance -->
                                <xs:element name="UnitValueAmount" minOccurs="0" maxOccurs="1" type="xs-
:s:decimal"/> <!-- Value of each unit. Used in customs declarations and insurance -->
                                <xs:element minOccurs="0" maxOccurs="unbounded" name="LineAttribute"> <!--
Line attributes to apply. Used in reporting. -->
                                    <xs:complexType>
                                        <xs:sequence>
                                            <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="Attribute"/>
                                            <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="Value"/>

```



```

        </xs:sequence>
    </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element minOccurs="0" maxOccurs="unbounded" name="JobAttribute"> <!-- Job Attributes
to apply, used in reporting -->
    <xs:complexType>
        <xs:sequence>
            <xs:element minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="A-
ttribute"/>
            <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="Value"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="Comment" minOccurs="0" maxOccurs="unbounded" type="xs:string"/> <!--
Comments to put on the order. Will appear on the packing slip -->
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:schema>

```

Examples

XML

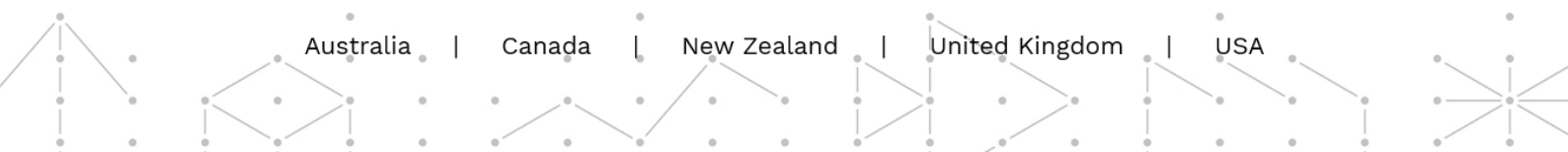
```

<FulfilmentRequests>
  <FulfilmentRequest>
    <InstanceCode>SampleCode</InstanceCode>
    <TenantCode>SampleCode</TenantCode>
    <APIKey>0123456789abcdef</APIKey>
    <SalesOrderNumber>test</SalesOrderNumber>
    <ParentCustomerCode>Test</ParentCustomerCode>
    <CustomerCode>Test</CustomerCode>
    <OrderDate>YYYY-MM-DD</OrderDate>
    <DeliveryName>Test</DeliveryName>
    <DeliveryAddress1>Test</DeliveryAddress1>\
    <DeliveryCountry>Australia</DeliveryCountry>
    <Line>
      <ItemCode>10000</ItemCode>
      <Quantity>1</Quantity>
    </Line>
  </FulfilmentRequest>
</FulfilmentRequests>

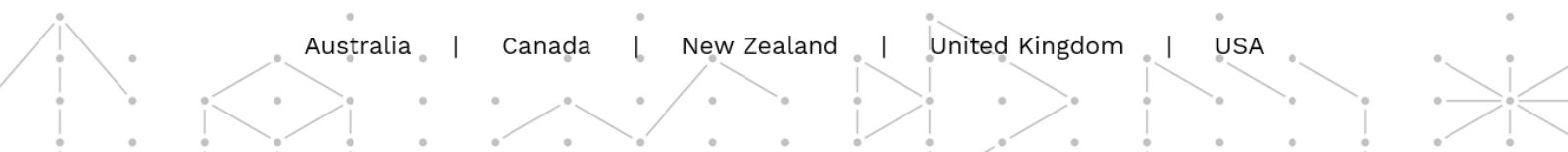
```

JSON

Note: JSON must be ordered as described by the model.



```
{
  "FulfilmentRequest": [
    {
      "InstanceCode": "SampleCode",
      "TenantCode": "SampleCode",
      "APIKey": "0123456789abcdef",
      "SalesOrderNumber": "test",
      "ParentCustomerCode": "Test",
      "CustomerCode": "Test",
      "OrderDate": "YYYY-MM-DD",
      "DeliveryName": "Test",
      "DeliveryAddress1": "Test",
      "DeliveryCountry": "Australia",
      "Line": {
        "ItemCode": "10000",
        "Quantity": "1"
      }
    }
  ]
}
```



UpsertItemMasterData

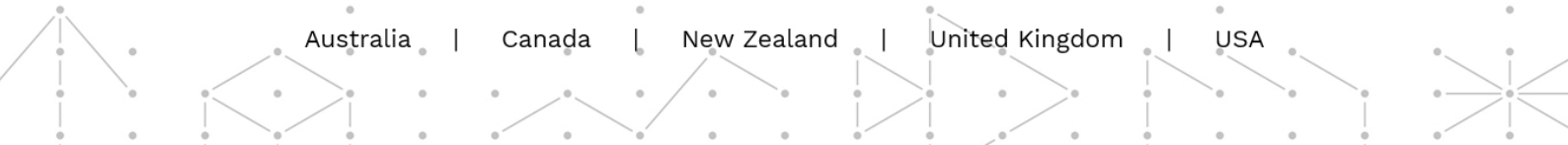
Purpose	Create or update item master data records in .wms.
Direction	Customer POST to .wms.
Endpoint	https://CLUSTER.dotwms.com/api/1.0/CreateItemMasterData/ https://CLUSTER.dotwms.com/api/1.0/UpsertItemMasterData/
File format	XML
HTTP verb	POST
XSD	UpsertItemMasterData_1.0.xsd
Notes	It is possible to wrap the XML into an element UpsertItemMasterDataMultiple and send it to /api/1.0/UpsertItemMasterDataMultiple/ instead and it will process a large amount in a single transaction. Used by the CreateItemMasterData and UpsertItemMasterData APIs.

Tip: BoolYesNo must be in uppercased (YES or NO) for this endpoint.

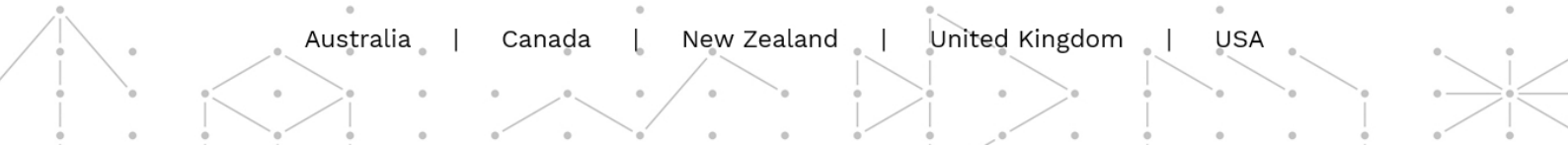
Fields

Item master data header model

.wms field	Data type	Mandatory
InstanceCode	StringMustHaveValue	✓
TenantCode	StringMustHaveValue	✓
APIKey	StringMustHaveValue	✓
ItemCode	StringMustHaveValue	✓
ItemName	StringMustHaveValue	✓
ItemGroup	StringMustHaveValue	✗
CaptureBatchOnReceipt	BoolYesNo	✗



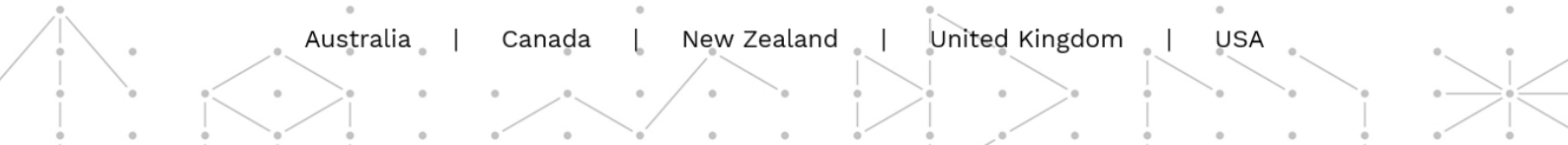
.wms field	Data type	Mandatory
CaptureBatchOnShipment	BoolYesNo	✗
BatchNumberMask	String	✗
CaptureSerialOnReceipt	BoolYesNo	✗
CaptureSerialOnShipment	BoolYesNo	✗
SerialNumberMask	String	✗
IsBestBeforeDateCoded	BoolYesNo	✗
IsProductionDateCoded	BoolYesNo	✗
IsPackagingDateCoded	BoolYesNo	✗
IsSellByDateCoded	BoolYesNo	✗
IsExpiryDateCoded	BoolYesNo	✗
CaptureBestBeforeDateOnReceipt	BoolYesNo	✗
CaptureProductionDateOnReceipt	BoolYesNo	✗
CapturePackagingDateOnReceipt	BoolYesNo	✗
CaptureSellByDateOnReceipt	BoolYesNo	✗
CaptureExpiryDateOnReceipt	BoolYesNo	✗
IsDangerous	BoolYesNo	✓
DangerousGoods	Object	✗
IsNonShippingItem	BoolYesNo	✗
IsNonInventoryItem	BoolYesNo	✗
IsAutoPickPackItem	BoolYesNo	✗
ItemWeight	Decimal	✓
ItemCubic	Decimal	✓
AutoconsignmentPackages	Integer	✗



.wms field	Data type	Mandatory
StockUnit	String	✗
IsActive	BoolYesNo	✗
SkipDeleteExistingTradeUnits	BoolYesNo	✗
SkipDeleteExistingAttributes	BoolYesNo	✗
DimensionMeasurement	String	✗
WeightMeasurement	String	✗
TradeItem	Object	✓
ItemAttribute	Object	✗
Component	Object	✗

Dangerous goods object model

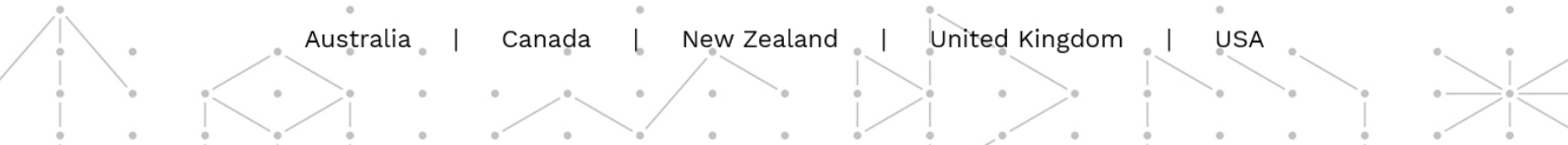
.wms field	Data type	Mandatory
ProperShippingName	StringMustHaveValue	✓
TechnicalName	StringMustHaveValue	✓
Class	StringRestriction: { 1, 2, 3, 4, 5, 6, 7, 8, 9, }	✓



.wms field	Data type	Mandatory
Subclass	String	✓
UNNumber	StringMustHaveValue	✓
HazchemCode	StringMustHaveValue	✓
PackingGroup	StringMustHaveValue	✓
AggregateQuantity	Decimal	✓
AggregateQuantityUOM	StringMustHaveValue	✓
FlashPoint	String	✗
TunnelCode	String	✗

Tradeltem object model

.wms field	Data type	Mandatory
GTIN	String	✓
Quantity	Decimal	✓
TradeltemDimensions	Object	✗
Type	StringRestriction: { Unit, Inner, Outer, Additional, Pallet, }	✓
TradeltemPackagingType	StringMustHaveValue	✗
TradeltemAttribute	Object	✗



TradelItemDimensions object model

.wms field	Data type	Mandatory
TradelItemWidth	Decimal	✓
TradelItemHeight	Decimal	✓
TradelItemDepth	Decimal	✓
TradelItemWeight	Decimal	✓
TradelItemPalletHi	Decimal	✗
TradeitemPalletTi	Decimal	✗

TradelItemAttribute object model

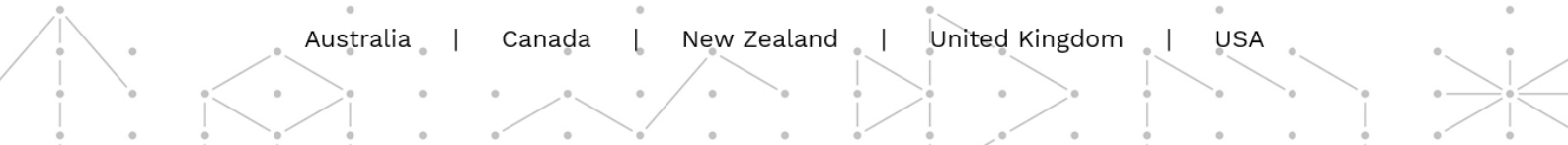
.wms field	Data type	Mandatory
Attribute	StringMustHaveValue	✓
Value	String	✓

ItemAttribute object model

.wms field	Data type	Mandatory
Attribute	StringMustHaveValue	✓
Value	String	✓

Component object model

.wms field	Data type	Mandatory
ItemCode	StringMustHaveValue	✓
Quantity	Decimal	✓

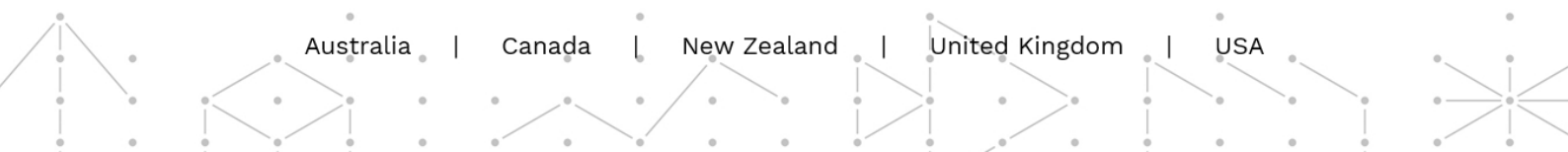


XSD

```

<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleType name="stringMustHaveValue">
    <xs:restriction base="xs:string">
      <xs:minLength value="1" />
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="boolYesNo">
    <xs:restriction base="xs:string">
      <xs:enumeration value="YES"/>
      <xs:enumeration value="NO"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:element name="UpsertItemMasterData">
    <xs:complexType>
      <xs:sequence>
        <xs:element minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="InstanceCode"/><!-- This is the InstanceCode Provided by .wms -->
        <xs:element minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="TenantCode"/> <!-- This is the TenantCode Provided by .wms -->
        <xs:element minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="APIKey"/> <!-- This is the APIKey Provided by .wms -->
        <xs:element minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="ItemCode"/> <!-- Unique ItemCode for the item, will upsert and replace data against this item if it already exists -->
        <xs:element minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="ItemName"/> <!-- Description or name of the item -->
        <xs:element minOccurs="0" maxOccurs="1" type="stringMustHaveValue" name="ItemGroup"/> <!-- The group of the item, if grouping is enabled -->
        <xs:element minOccurs="0" maxOccurs="1" type="boolYesNo" name="CaptureBatchOnReceipt"/> <!-- Defines if batch numbers need to be captured on receipt and pick -->
        <xs:element minOccurs="0" maxOccurs="1" type="boolYesNo" name="CaptureBatchOnShipment"/><!-- Defines if batch numbers are captured at the pack stage -->
        <xs:element minOccurs="0" maxOccurs="1" type="xs:string" name="BatchNumberMask"/> <!-- PCRE Regex Mask for batch numbers -->
        <xs:element minOccurs="0" maxOccurs="1" type="boolYesNo" name="CaptureSerialOnReceipt"/><!-- Defines if serial numbers are captured on receipt and pick -->
        <xs:element minOccurs="0" maxOccurs="1" type="boolYesNo" name="CaptureSerialOnShipment"/> <!-- Defines if serial numbers are captured at the pack stage -->
        <xs:element minOccurs="0" maxOccurs="1" type="xs:string" name="SerialNumberMask"/> <!-- PCRE Regex Mask for serial numbers -->
        <xs:element minOccurs="0" maxOccurs="1" type="boolYesNo" name="IsBestBeforeDateCoded"/> <!-- Defines if Best Before Dates are captured at pack stage -->
        <xs:element minOccurs="0" maxOccurs="1" type="boolYesNo" name="IsProductionDateCoded"/> <!-- Defines if Production Dates are captured at pack stage -->
        <xs:element minOccurs="0" maxOccurs="1" type="boolYesNo" name="IsPackagingDateCoded"/> <!-- Defines if Packaging Dates are captured at pack stage -->
        <xs:element minOccurs="0" maxOccurs="1" type="boolYesNo" name="IsSellByDateCoded"/> <!-- Defines if Sell By Dates are captured at pack stage -->
        <xs:element minOccurs="0" maxOccurs="1" type="boolYesNo" name="IsExpiryDateCoded"/> <!-- Defines if Expiry Dates are captured at pack stage -->
        <xs:element minOccurs="0" maxOccurs="1" type="boolYesNo" name="CaptureBestBeforeDateOnReceipt"/> <!-- Defines if Best Before Dates are captured on receipt and pick -->
        <xs:element minOccurs="0" maxOccurs="1" type="boolYesNo" name="CaptureProductionDateOnReceipt"/> <!-- Defines if Production Dates are captured on receipt and pick -->
        <xs:element minOccurs="0" maxOccurs="1" type="boolYesNo" name="CapturePackagingDateOnReceipt"/> <!-- Defines if Packaging Dates are captured on receipt and pick -->
        <xs:element minOccurs="0" maxOccurs="1" type="boolYesNo" name="CaptureSellByDateOnReceipt"/> <!-- Defines if Sell By Dates are captured on receipt and pick -->
        <xs:element minOccurs="0" maxOccurs="1" type="boolYesNo" name="CaptureExpiryDateOnReceipt"/> <!-- Defines if Expiry Dates are captured on receipt and pick -->
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>

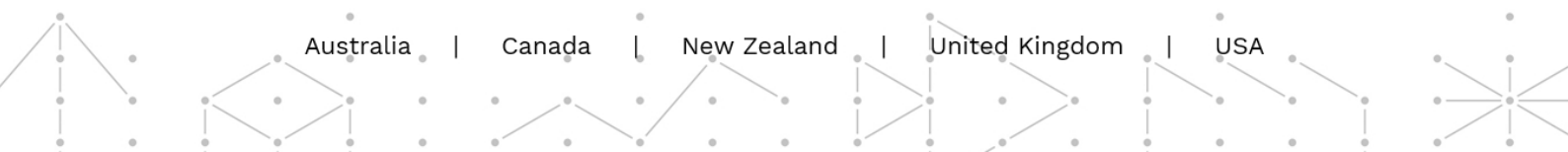
```



```

        <xs:element minOccurs="1" maxOccurs="1" type="boolYesNo" name="IsDangerous"/> <!-- Defines if a good
is classified as Dangerous under UN regulations -->
        <xs:element minOccurs="0" maxOccurs="1" name="DangerousGoods">
            <xs:complexType>
                <xs:sequence>
                    <xs:element minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="Pro-
operShippingName"/> <!-- The UN defined Proper Shipping name of the item -->
                    <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="TechnicalName"/> <!-- The technical or scientific name
for the item for understanding by exports in the field -->
                    <xs:element minOccurs="1" maxOccurs="1" name="Class"> <!-- The main Class of good -->
                        <xs:simpleType>
                            <xs:restriction base="xs:string">
                                <xs:enumeration value="1"/>
                                <xs:enumeration value="2"/>
                                <xs:enumeration value="3"/>
                                <xs:enumeration value="4"/>
                                <xs:enumeration value="5"/>
                                <xs:enumeration value="6"/>
                                <xs:enumeration value="7"/>
                                <xs:enumeration value="8"/>
                                <xs:enumeration value="9"/>
                            </xs:restriction>
                        </xs:simpleType>
                    </xs:element>
                    <xs:element minOccurs="1" maxOccurs="1" type="xs:string" name="Subclass"/> <!-- The sub-
class of the good. Use 0 if the class has no subclasses -->
                    <xs:element minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="UNNumber"/> <!--
- The UNECE defined number for the item -->
                    <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="HazchemCode"/> <!-- The Hazchem code, also known as
fire suppressant codes -->
                    <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="PackingGroup"/> <!-- Packaging class of the item
(I/II/III) -->
                    <xs:element minOccurs="1" maxOccurs="1" type="xs:decimal" name="AggregateQuantity"/> <!--
- Quantity of the UOM for this good -->
                    <xs:element minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="A-
ggregateQuantityUOM"/> <!-- The Unit Of Measure for this code (KG/ML/etc)-->
                    <xs:element minOccurs="0" maxOccurs="1" type="xs:string" name="FlashPoint"/> <!-- Flash
Point Value -->
                    <xs:element minOccurs="0" maxOccurs="1" type="xs:string" name="TunnelCode"/> <!-- Tunnel
Code value -->
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element minOccurs="0" maxOccurs="1" type="boolYesNo" name="IsNonShippingItem"/> <!-- Defines if
an item is non-shipping. If an item is non-shipping, it's pick quantity is set to 0 -->
        <xs:element minOccurs="0" maxOccurs="1" type="boolYesNo" name="IsNonInventoryItem"/> <!-- Defines if
an item is non-inventory. If an item is non-inventory, a virtual stock level of 99999 is maintained -->
        <xs:element minOccurs="0" maxOccurs="1" type="boolYesNo" name="IsAutoPickPackItem"/> <!-- Defines if
an item is automatically picked/packed -->
        <xs:element minOccurs="1" maxOccurs="1" type="xs:decimal" name="ItemWeight"/> <!-- Weight of the
base item (unit level) -->
        <xs:element minOccurs="1" maxOccurs="1" type="xs:decimal" name="ItemCubic"/> <!-- Cubic of the base
item (unit level) -->
        <xs:element minOccurs="0" maxOccurs="1" type="xs:integer" name="AutoconsignmentPackages"/> <!--
LEGACY: Do not use -->
        <xs:element minOccurs="0" maxOccurs="1" type="xs:string" name="StockUnit"/> <!-- The stocking unit,
typically used as a Unit Of Measure -->
        <xs:element minOccurs="0" maxOccurs="1" type="boolYesNo" name="IsActive"/> <!-- Defines if an item is
active -->
        <xs:element minOccurs="0" maxOccurs="1" type="boolYesNo" name="SkipDeleteExistingTradeUnits"/> <!--

```



This will tell our system to NOT delete any existing trade units, only overwrite the data that has been selected. Useful if you have a large number of barcodes on an item that you don't want removed -->

`<xs:element minOccurs="0" maxOccurs="1" type="boolYesNo" name="SkipDeleteExistingAttributes"/> <!-- This will tell our system to NOT delete any existing attributes, only overwrite the data that has been selected. Useful if you have a large number of attributes on an item that you don't want removed -->`

`<xs:element minOccurs="0" maxOccurs="1" type="xs:string" name="DimensionMeasurement"/> <!-- The trade item dimension measurement unit used (e.g. millimetre) -->`

`<xs:element minOccurs="0" maxOccurs="1" type="xs:string" name="WeightMeasurement"/> <!-- The trade item weight measurement unit used (e.g. kilogram) -->`

`<xs:element minOccurs="1" maxOccurs="unbounded" name="TradeItem"/> <!-- The trade item details (outers, inners etc -->`

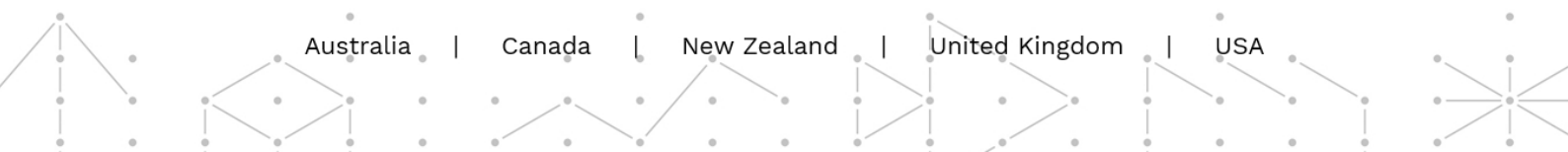
`<xs:complexType>
 <xs:sequence>
 <xs:element minOccurs="1" maxOccurs="1" type="xs:string" name="GTIN"/> <!-- The barcode of this trade unit -->`

`<xs:element minOccurs="1" maxOccurs="1" type="xs:decimal" name="Quantity"/> <!-- The quantity represented by this barcode/trade unit. For Unit level this must be 1 -->`

`<xs:element minOccurs="0" maxOccurs="1" name="TradeItemDimensions"/> <!-- The dimensions of the items -->`

`<xs:complexType>
 <xs:sequence>
 <xs:element
minOccurs="1" maxOccurs="1" type="xs:decimal" name="TradeItemWidth"/> <!-- Width in mm -->
 <xs:element
minOccurs="1" maxOccurs="1" type="xs:decimal" name="TradeItemHeight"/> <!-- Height in mm -->
 <xs:element
minOccurs="1" maxOccurs="1" type="xs:decimal" name="TradeItemDepth"/> <!-- Depth in mm -->
 <xs:element
minOccurs="1" maxOccurs="1" type="xs:decimal" name="TradeItemWeight"/> <!-- Weight in kg -->
 <xs:element minOccurs="0" maxOccurs="1" type="xs:decimal" name="TradeItemPa-
lletHi"/> <!-- FOR OUTERS ONLY: Use for the Tiling Height of the pallet (ie, how many boxes high) -->
 <xs:element minOccurs="0" maxOccurs="1" type="xs:decimal" name="TradeItemPa-
lletTi"/> <!-- FOR OUTERS ONLY: Used for the Tiling Carton quantity (also known as Quantity Per Layer) -->
 </xs:sequence>
 </xs:complexType>
</xs:element>
<xs:element minOccurs="1" maxOccurs="1" name="Type">
 <xs:simpleType>
 <xs:restriction base="xs:string">
 <xs:enumeration value="Unit"/> <!-- Must exist on record using Trade Units.
The lowest level of the item. Quantity must be 1 -->
 <xs:enumeration value="Inner"/> <!-- The inner box only 1 record allowed -->
 <xs:enumeration value="Outer"/> <!-- The outer box only 1 record allowed -->
 <xs:enumeration value="Additional"/> <!-- Can have an infinite number of
additional -->
 <xs:enumeration value="Pallet"/> <!-- The pallet amount -->
 </xs:restriction>
 </xs:simpleType>
</xs:element>
 <xs:element minOccurs="0" maxOccurs="1" type="stringMustHaveValue" name="TradeItemPac-
ckagingType"/> <!-- The type of packaging, used in reporting -->
 <xs:element minOccurs="0" maxOccurs="unbounded" name="TradeItemAttribute"/> <!-- If the
item has custom attributes, these subelements will need to be created -->`

`<xs:complexType>
 <xs:sequence>
 <xs:element minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="A-
ttribute"/> <!-- The name of the attribute being set -->
 <xs:element minOccurs="1" maxOccurs="1" type="xs:string" name="Value"/> <!--
The value of that attribute -->
 </xs:sequence>
 </xs:complexType>
 </xs:element>
 </xs:sequence>
</xs:complexType>
</xs:sequence>`



```

        </xs:complexType>
    </xs:element>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="ItemAttribute"> <!-- If the item has custom
attributes, these subelements will need to be created -->
        <xs:complexType>
            <xs:sequence>
                <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="Attribute"/> <!-- The name of the attribute being set -
->
                <xs:element minOccurs="1" maxOccurs="1" type="xs:string" name="Value"/> <!-- The value
of that attribute -->
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element minOccurs="0" maxOccurs="unbounded" name="Component"> <!-- Including this data will cre-
ate a composite item (BOM) specification -->
        <xs:complexType>
            <xs:sequence>
                <xs:element minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="ItemCode"/> <!--
- the item code of the base item -->
                <xs:element minOccurs="1" maxOccurs="1" type="xs:decimal" name="Quantity"/> <!-- the
quantity of the base item that makes up this composite item -->
            </xs:sequence>
        </xs:complexType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:schema>

```

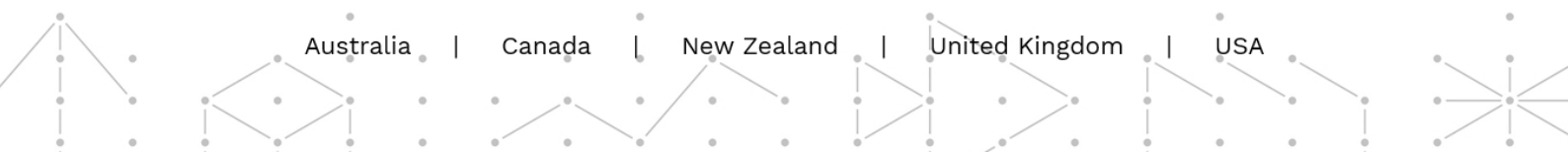
Examples

XML

```

<UpsertItemMasterData>
<InstanceCode>SAMPLECODE</InstanceCode>
<TenantCode>SAMPLECODE</TenantCode>
<APIKey>0123456789abcdef</APIKey>
<ItemCode>10000</ItemCode>
<ItemName>Item 10000</ItemName>
<IsDangerous>NO</IsDangerous>
<ItemWeight>0.1</ItemWeight>
<ItemCubic>0.1</ItemCubic>
<TradeItem>
    <GTIN>sampleGTIN</GTIN>
    <Quantity>1</Quantity>
    <TradeItemDimensions>
        <TradeItemWidth>0.1</TradeItemWidth>
        <TradeItemHeight>0.1</TradeItemHeight>
        <TradeItemDepth>0.1</TradeItemDepth>
        <TradeItemWeight>0.1</TradeItemWeight>
    </TradeItemDimensions>
    <Type>Unit</Type>
</TradeItem>
</UpsertItemMasterData>

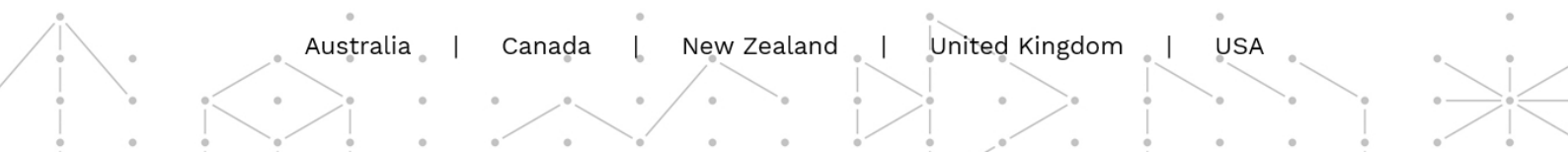
```



JSON

Note: JSON must be ordered as described by the model.

```
{
  "InstanceCode": "SAMPLECODE",
  "TenantCode": "SAMPLECODE",
  "APIKey": "0123456789abcdef",
  "ItemCode": "10000",
  "ItemName": "Item 10000",
  "IsDangerous": "NO",
  "ItemWeight": "0.1",
  "ItemCubic": "0.1",
  "TradeItem": {
    "GTIN": "sampleGTIN",
    "Quantity": "1",
    "TradeItemDimensions": {
      "TradeItemWidth": "0.1",
      "TradeItemHeight": "0.1",
      "TradeItemDepth": "0.1",
      "TradeItemWeight": "0.1"
    },
    "Type": "Unit"
  }
}
```



UpsertLogisticUnit

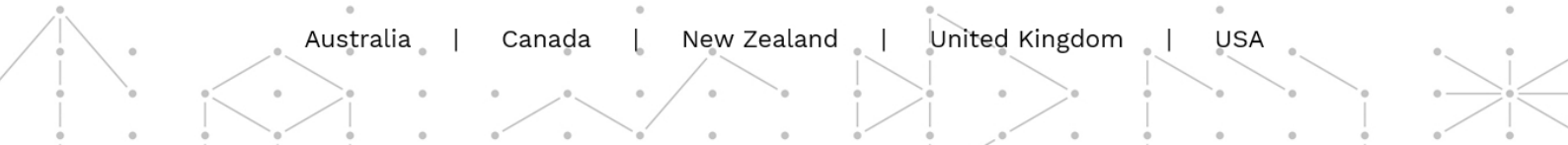
Purpose	Create or update a logistics unit in .wms.
Direction	Customer POST to .wms.
Endpoint	https://CLUSTER.dotwms.com/api/1.0/UpsertLogisticUnit/
File format	XML or JSON
HTTP verb	POST
XSD	LogisticUnit_1.0.xsd

Fields

UpsertLogisiticUnit object model

.wms field	Data type	Mandatory
InstanceCode	StringMustHaveValue	✓
TenantCode	StringMustHaveValue	✓
WarehouseCode	String	✓
APIKey	StringMustHaveValue	✓
DeleteExisting	StringRestriction: { Yes, No, }	✗
PackSlipNumber	StringMustHaveValue	✓
LogisticUnits	Object	✓

LogisticUnits object model



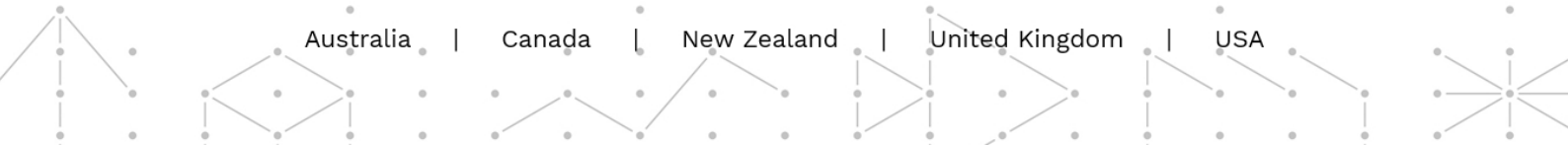
.wms field	Data type	Mandatory
LogisticUnitNumber	String	✓
LogisticUnitType	String	✓
LogisticUnitComment	String	✗
XDockDestination	String	✗
LogisticUnitWeight	Decimal	✗
LogisticUnitWidth	Decimal	✗
LogisticUnitDepth	Decimal	✗
LogisticUnitHeight	Decimal	✗
PackAttribute	Object	✗

PackAttribute object model

.wms field	Data type	Mandatory
Attribute	StringMustHaveValue	✓
Value	String	✓

XSD

```
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleType name="stringMustHaveValue">
    <xs:restriction base="xs:string">
      <xs:minLength value="1" />
    </xs:restriction>
  </xs:simpleType>
  <xs:element name="UpsertLogisticUnit">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="InstanceCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
        <xs:element name="TenantCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
        <xs:element name="WarehouseCode" minOccurs="1" maxOccurs="1" type="xs:string"/>
        <xs:element name="APIKey" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
        <xs:element name="DeleteExisting" minOccurs="0" maxOccurs="1" default="Yes">
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:enumeration value="Yes"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
```



```

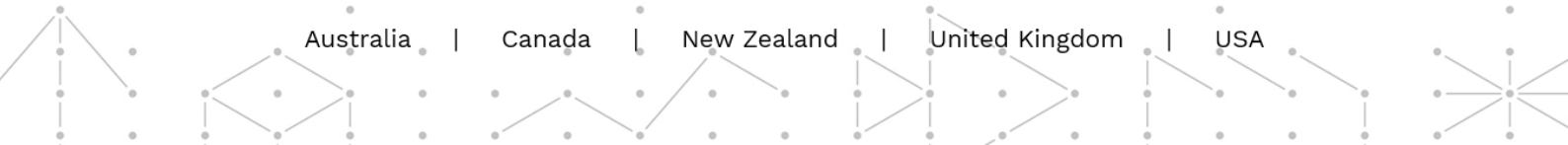
        <xs:enumeration value="No"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="PackSlipNumber" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
  <xs:element name="LogisticUnits" minOccurs="1" maxOccurs="unbounded">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="LogisticUnitNumber" minOccurs="1" maxOccurs="1" type="xs:string"/> <!--
- The Logistic Unit number to create or target -->
        <xs:element name="LogisticUnitType" minOccurs="1" maxOccurs="1" type="xs:string"/> <!--
The logistic unit type-->
        <xs:element
name="LogisticUnitComment" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Comment to provide, default comment
is Created by API -->
        <xs:element name="XDockDestination" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
Must exist on order and in Partner Locations, seldom used in most contexts -->
        <xs:element
name="LogisticUnitWeight" minOccurs="0" maxOccurs="1" type="xs:decimal"/> <!-- The weight of the box -->
        <xs:element name="LogisticUnitWidth" minOccurs="0" maxOccurs="1" type="xs:decimal"/> <!--
- The width of the box -->
        <xs:element name="LogisticUnitDepth" minOccurs="0" maxOccurs="1" type="xs:decimal"/> <!--
- The depth of the box -->
        <xs:element
name="LogisticUnitHeight" minOccurs="0" maxOccurs="1" type="xs:decimal"/> <!-- The height of the box -->
        <xs:element name="PackPalletID" minOccurs="0" maxOccurs="1" type="xs:integer"/> <!-- the
linked pallet ID, only if palletization is in use -->
        <xs:element minOccurs="0" maxOccurs="unbounded" name="PackAttribute"> <!-- Any custom
pack attributes -->
          <xs:complexType>
            <xs:sequence>
              <xs:element minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="A-
ttribute"/> <!-- Name of the attribute -->
              <xs:element minOccurs="1" maxOccurs="1" type="xs:string" name="Value"/> <!--
Value of the attribute -->
            </xs:sequence>
          </xs:complexType>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
</xs:schema>
```

Examples

XML

```

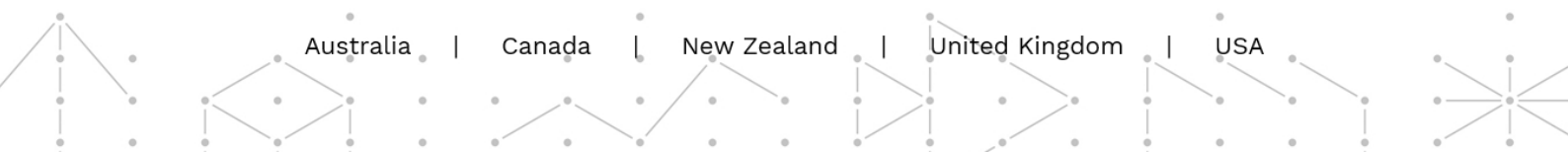
<UpsertLogisticUnit xsi:noNamespaceSchemaLocation="schema.xsd" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
  <InstanceCode>string</InstanceCode>
  <TenantCode>string</TenantCode>
  <WarehouseCode>string</WarehouseCode>
  <APIKey>string</APIKey>
  <DeleteExisting>Yes</DeleteExisting>
</UpsertLogisticUnit>
```



```
<PackSlipNumber>string</PackSlipNumber>
<LogisticUnits>
  <LogisticUnitNumber>string</LogisticUnitNumber>
  <LogisticUnitType>string</LogisticUnitType>
  <LogisticUnitComment>string</LogisticUnitComment>
  <XDockDestination>string</XDockDestination>
  <LogisticUnitWeight>279</LogisticUnitWeight>
  <LogisticUnitWidth>3840</LogisticUnitWidth>
  <LogisticUnitDepth>2049</LogisticUnitDepth>
  <LogisticUnitHeight>209</LogisticUnitHeight>
  <PackAttribute>
    <Attribute>string</Attribute>
    <Value>string</Value>
  </PackAttribute>
  <PackAttribute>
    <Attribute>string</Attribute>
    <Value>string</Value>
  </PackAttribute>
</LogisticUnits>
</UpsertLogisticUnit>
```

JSON

```
{
  "UpsertLogisticUnit": {
    "InstanceCode": "string",
    "TenantCode": "string",
    "WarehouseCode": "string",
    "APIKey": "string",
    "DeleteExisting": "Yes",
    "PackSlipNumber": "string",
    "LogisticUnits": {
      "LogisticUnitNumber": "string",
      "LogisticUnitType": "string",
      "LogisticUnitComment": "string",
      "XDockDestination": "string",
      "LogisticUnitWeight": "279",
      "LogisticUnitWidth": "3840",
      "LogisticUnitDepth": "2049",
      "LogisticUnitHeight": "209",
      "PackAttribute": [
        {
          "Attribute": "string",
          "Value": "string"
        },
        {
          "Attribute": "string",
          "Value": "string"
        }
      ]
    }
  }
}
```



UpsertPackJob

Purpose	Create or update a pack job in .wms.
Direction	Customer POST to .wms.
Endpoint	https://CLUSTER.dotwms.com/1.0/UpsertPackJob/ https://CLUSTER.dotwms.com/api/1.0/UploadPackJob/
File format	XML
HTTP verb	POST
XSD	PackingSlips_1.0.xsd

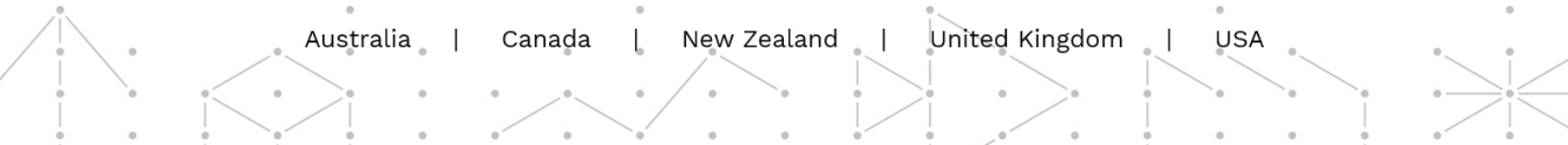
Fields

PackingSlips header object model

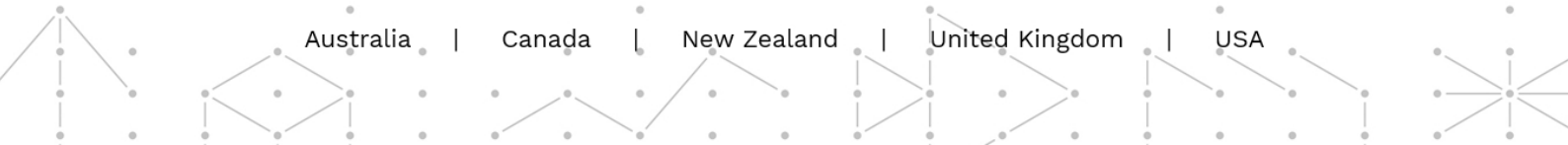
.wms field	Data type	Mandatory
PackingSlip	Object	✓

PackingSlip object model

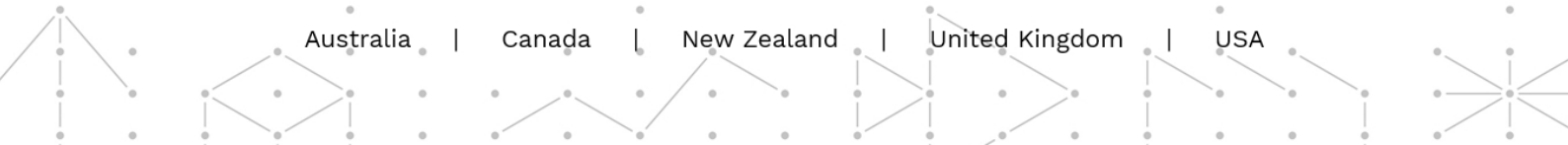
.wms field	Data type	Mandatory
InstanceCode	StringMustHaveValue	✓
TenantCode	StringMustHaveValue	✓
WarehouseCode	StringMustHaveValue	✓
APIKey	StringMustHaveValue	✓
OrderSource	String	✗
JobType	String	✗
PickMethod	StringRestriction: {	✗



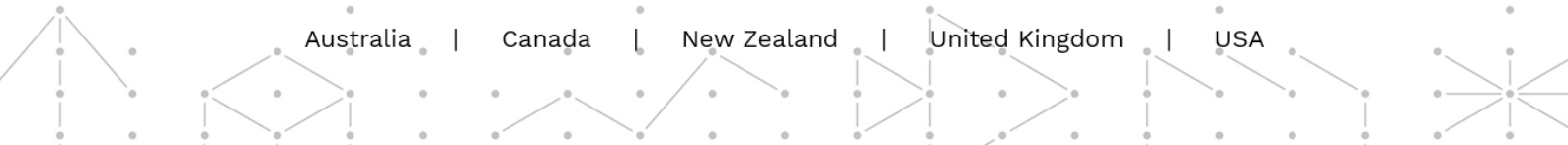
.wms field	Data type	Mandatory
	None, Exact, Partial, Random, SingleScan_Exact, (legacy) SingleScan_Partial, (legacy) SingleScan_Random, (legacy) Inline_Exact, Inline_Partial, }	
PackMethod	StringRestriction: { Manual, Admin Task, Pallet, RainbowPallet, (legacy) Carton, AutoConsignment, Putaway, Kitting, }	✗
CheckATP	String - YesNo	✗
SalesOrderNumber	String	✗
PackSlipNumber	StringMustHaveValue	✓
ParentCustomerCode	StringMustHaveValue	✓
CustomerCode	StringMustHaveValue	✓
OrderNumber	String	✗



.wms field	Data type	Mandatory
OrderDate	Date	✓
PickingSlipDate	Date	✗
JobPriority	Integer	✗
JobComplexityScore	Integer	✗
PackingSlipURL	String	✗
PackingSlipData	String	✗
PackingSlipPaperType	String	✗
DeliverWindowOpenDate	Date	✗
DeliverWindowCloseDate	Date	✗
DeliverWindowTime	String	✗
CarrierServiceCode	String	✗
JobHeldReason	String	✗
DeliveryName	StringMustHaveValue	✓
DeliveryCompany	String	✗
DeliveryAddress1	StringMustHaveValue	✓
DeliveryAddress2	String	✗
DeliverySuburb	String	✓
DeliveryState	String	✗
DeliveryPostcode	String	✗
DeliveryCountry	String	✓
DeliveryEmail	String	✗
DeliveryPhone	String	✗



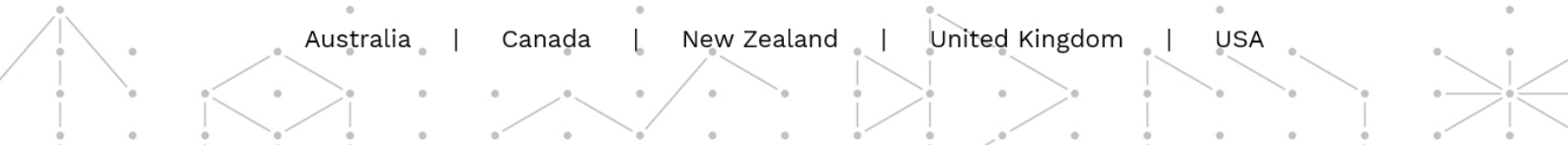
.wms field	Data type	Mandatory
DeliveryFax	String	×
LabelTemplate	String	×
Additional01	String	×
Additional02	String	×
Additional03	String	×
Additional04	String	×
Additional05	String	×
Additional06	String	×
Additional07	String	×
Additional08	String	×
Additional09	String	×
Additional10	String	×
IsSendASN	Boolean	×
IsBookinFreight	Boolean	×
IsDateSensitiveFreight	Boolean	×
IsTimeSensitiveFreight	Boolean	×
TariffCode	String	×
ShipmentValueCurrency	String	×
ShipmentValueAmount	Decimal	×
ValueCurrency	String	×
FreightValue	Decimal	×
PackerMessage	String	×
FreightSpecialInstructions	String	×
Line	Object	×



.wms field	Data type	Mandatory
JobAttribute	Object	✗
Comment	String	✗

Line object model

.wms field	Data type	Mandatory
OrderLineNumber	String	✗
PackSlipLineNumber	String	✗
XDockDestination	String	✗
ItemCode	StringMustHaveValue	✓
ItemCodeType	StringRestriction: { ItemCode, GTIN, }	✗
ItemDescription	String	✗
CustomerItemRef	String	✗
BinLocation	String	✗
RequestedBatchNumber	String	✗
RequestedSerialNumber	String	✗
RequestedBestBeforeDate	String	✗
RequestedProductionDate	String	✗
RequestedPackagingDate	String	✗
RequestedSellByDate	String	✗
RequestedExpiryDate	String	✗
RequestedULD	String	✗



.wms field	Data type	Mandatory
RequestedStockAttribute	Object	✗
Quantity	Decimal	✓
TradeUnitLevel	StringRestriction: { Unit, Inner, Outer, Pallet, }	✗
TariffCode	String	✗
UnitValueAmount	Decimal	✗
LineAttribute	Object	✗

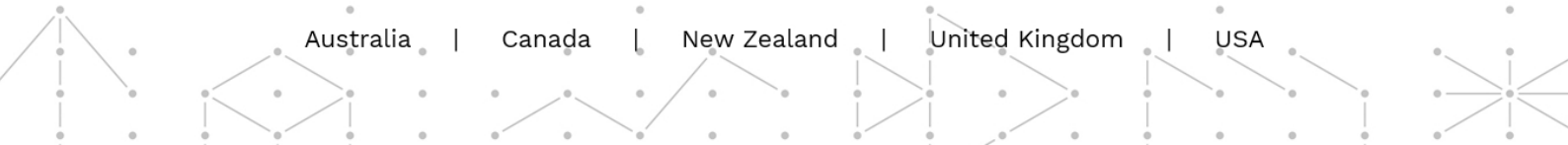
RequestStockAttribute object model

.wms field	Data type	Mandatory
Attribute	StringMustHaveValue	✓
Value	StringMustHaveValue	✓

LineAttribute object model

.wms field	Data type	Mandatory
Attribute	StringMustHaveValue	✓
Value	StringMustHaveValue	✓

JobAttribute object model



.wms field	Data type	Mandatory
Attribute	StringMustHaveValue	✓
Value	StringMustHaveValue	✓

XSD

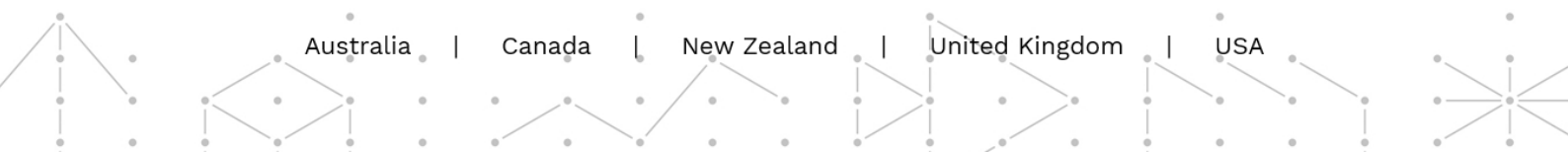
```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleType name="stringMustHaveValue">
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:element name="PackingSlips">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="PackingSlip" minOccurs="1" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element
name="InstanceCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- This is the InstanceCode Provided
by .wms -->
              <xs:element
name="TenantCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- This is the TenantCode Provided by
.wms -->
              <xs:element
name="WarehouseCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- This is the WarehouseCode for
the warehouse the order is submitted to -->
              <xs:element name="APIKey" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!--
This is the APIKey Provided by .wms -->
              <xs:element name="OrderSource" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Order-
Source intended to show the system the order came from -->
              <xs:element name="JobType" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Typ-
ically "Order", but can be used to define different order types. Not used systematically unless defined -->
              <xs:element name="PickMethod" minOccurs="0" maxOccurs="1"> <!-- The type of picking
allowed -->
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:enumeration value="None"/> <!-- Rarely used method, means no picking is
done, items immediately assumed as picked. Will not deprecate Stock -->
                    <xs:enumeration value="Exact"/> <!-- Most common method. Does allow partial
shipping. All items must be picked to complete the pick -->
                    <xs:enumeration value="Partial"/> <!-- Allows for partial Shipment of orders
by operator -->
                    <xs:enumeration value="Random"/> <!-- Seldom used, rare scenarios which
allows operator to scan ANYTHING -->
                    <xs:enumeration value="SingleScan_Exact"/> <!-- LEGACY - Newer func-
tionality, use Exact -->
                    <xs:enumeration value="SingleScan_Partial"/> <!-- LEGACY - Newer func-
tionality, use Partial -->
                    <xs:enumeration value="SingleScan_Random"/> <!-- LEGACY - Newer func-
tionality, use Random -->
                    <xs:enumeration value="Inline_Exact"/> <!-- Same as exact, but pick and pack
done together on single screen -->
                    <xs:enumeration value="Inline_Partial"/> <!-- Same as partial, but pick and
pack done together on single screen -->
                  </xs:restriction>
                </xs:simpleType>
              </xs:sequence>
            </xs:complexType>
          </xs:element>
        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
</xs:schema>
```



```

        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="PackMethod" minOccurs="0" maxOccurs="1"> <!-- Type of packing method
to be used -->
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:enumeration value="Manual"/> <!-- Simply asks for a carton count. Items
all virtually packed into first box. Used in fast pack out scenarios where carton pack lists aren't required -->
          <xs:enumeration value="AdminTask"/> <!-- Used internally, just produces a
button to job complete. DO NOT USE ON DISPATCH ORDERS -->
          <xs:enumeration value="Pallet"/> <!-- Specifically for large pallet packs of
the same item. Recommend using carton in mix pallet scenarios -->
          <xs:enumeration value="RainbowPallet"/> <!-- LEGACY: Use Carton -->
          <xs:enumeration value="Carton"/> <!-- Standard carton packing screen. Allows
for carton logistic units to be created. Allows knowledge of what is in each carton -->
          <xs:enumeration value="AutoConsignment"/> <!-- Automatically generate con-
signment based on rules after Pick -->
          <xs:enumeration value="Putaway"/> <!-- Used in internal replenishments to
direct pickers to put stock away rather than dispatch -->
          <xs:enumeration value="Kitting"/> <!-- Used in internal kitting to direct
pickers to build from BOM -->
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="CheckATP" minOccurs="0" maxOccurs="1"> <!-- Check if order has enough
stock to dispatch. Reject order if there is not enough stock -->
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:enumeration value="Yes"/>
          <xs:enumeration value="No"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="SalesOrderNumber" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
The Sales Order Number if needed -->
    <xs:element
name="PackSlipNumber" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- The Unique identifier for the
order -->
    <xs:element
name="ParentCustomerCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- Field that defines the Par-
ent customer (can be just the customer code if not needed) -->
    <xs:element
name="CustomerCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- Customer Code - not systematically
defined unless requested. Can be variable -->
    <xs:element name="OrderNumber" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- A sep-
arate order number field. Typically used for Customer's PO -->
    <xs:element name="OrderDate" minOccurs="1" maxOccurs="1" type="xs:date"/> <!-- The order
date, separate from the warehouse date which is generated on receipt of payload -->
    <xs:element name="PickingSlipDate" minOccurs="0" maxOccurs="1" type="xs:date"/> <!-- A
second order date if there are multiples -->
    <xs:element
name="JobPriority" minOccurs="0" maxOccurs="1" default="1" type="xs:integer"/> <!-- The priority in Ascending order
(higher the number, higher the priority). Used in waving -->
    <xs:element name="JobComplexityScore" minOccurs="0" maxOccurs="1" default="1" type="xs:i-
integer"/> <!-- The complexity of the order (higher the number, higher the complexity). Used in reporting if defined
-->
    <xs:element name="PackingSlipURL" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- If
custom packing slips exist, the URL can be put here and .wms will absorb the document as its Packing Slip. Can be
used for invoices etc if required -->
    <xs:element name="PackingSlipData" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
Packing Slip data as part of payload. Max 5MB by default -->
    <xs:element
name="PackingSlipPaperType" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Typically 'Default', can determine

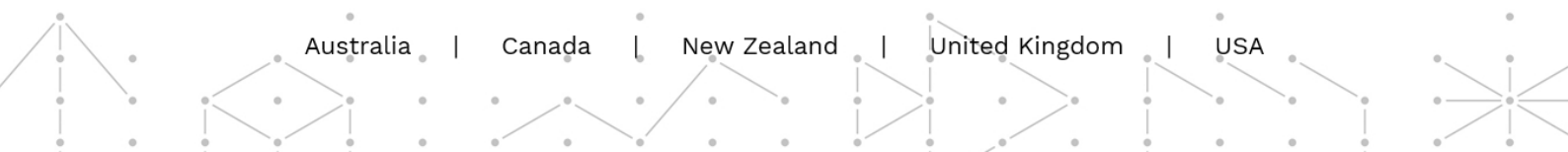
```



```

which paper to use in a printer -->
    <xs:element
name="DeliverWindowOpenDate" minOccurs="0" maxOccurs="1" type="xs:date"/> <!-- Used to drive delivery dates. Will
throw error if carrier/setup doesn't support Date Sensitive Shipping -->
    <xs:element
name="DeliverWindowCloseDate" minOccurs="0" maxOccurs="1" type="xs:date"/> <!-- Used to drive delivery dates. Will
throw error if carrier/setup doesn't support Date Sensitive Shipping -->
    <xs:element name="DeliverWindowTime" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
Used to drive delivery times. Will throw error if carrier/setup doesn't support Time Sensitive Shipping -->
    <xs:element name="CarrierServiceCode" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
- The Carrier Service Code defined by .wms for a particular carrier service to be used on the job -->
    <xs:element name="JobHeldReason" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- If
used, will immediately put the job on hold upon creation with this reason -->
    <xs:element
name="DeliveryName" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- The Delivery Name (Substitute com-
pany into here if no attention person) -->
    <xs:element name="DeliveryCompany" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
The Delivery Company -->
    <xs:element
name="DeliveryAddress1" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- 1st Address Line -->
    <xs:element name="DeliveryAddress2" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
2nd Address Line -->
    <xs:element name="DeliverySuburb" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
The delivery Suburb, must exist and be validated for Australian Shipments -->
    <xs:element name="DeliveryState" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- The
delivery State, must exist and be validated for Australian Shipments -->
    <xs:element name="DeliveryPostcode" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
The delivery Postcode or ZIP Code, must exist and be validated for Australian Shipments -->
    <xs:element name="DeliveryCountry" minOccurs="1" maxOccurs="1" type="xs:string"/> <!--
The Australia Post defined country name OR the 2 or 3 length country code -->
    <xs:element name="DeliveryEmail" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- The
email of the recipient -->
    <xs:element name="DeliveryPhone" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- The
phone number of the recipient -->
    <xs:element name="DeliveryFax" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- The
fax number of the recipient -->
    <xs:element
name="LabelTemplate" minOccurs="0" maxOccurs="1" default="default" type="xs:string"/> <!-- Used to define SSCC label
templates if they exist. Use 'None' if not generating SSCCs -->
    <xs:element name="Additional01" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
    <xs:element name="Additional02" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
    <xs:element name="Additional03" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
    <xs:element name="Additional04" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
    <xs:element name="Additional05" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
    <xs:element name="Additional06" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
    <xs:element name="Additional07" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
    <xs:element name="Additional08" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
    <xs:element name="Additional09" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
    <xs:element name="Additional10" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
Additional Field that is sent back with the payload. Can be used to define workflows if necessary -->
    <xs:element name="IsSendASN" minOccurs="0" maxOccurs="1" default="false" type="xs-
s:boolean"/> <!-- Defines if an ASN is sent for the order. Rarely used as other rules encapsulate this -->
    <xs:element name="IsBookinFreight" minOccurs="0" maxOccurs="1" default="false" type="xs-
s:boolean"/> <!-- Defines freight requires booking. Carrier must support bookings for this to work -->
    <xs:element

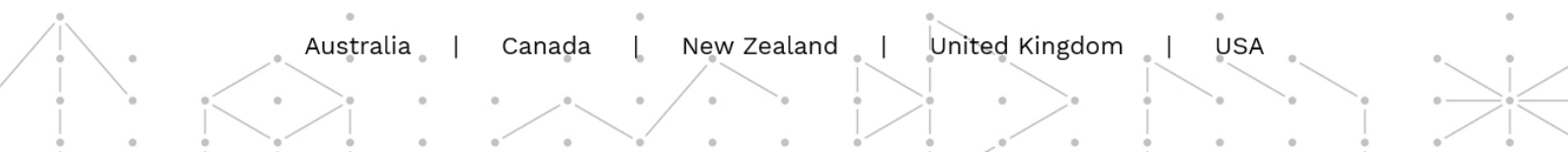
```



```

name="IsDateSensitiveFreight" minOccurs="0" maxOccurs="1" default="false" type="xs:boolean"/> <!-- Defines if
freight is date sensitive. If yes, DeliveryWindowOpen/Close dates must be defined -->
    <xs:element
name="IsTimeSensitiveFreight" minOccurs="0" maxOccurs="1" default="false" type="xs:boolean"/> <!-- Defines if
freight is time sensitive. If yes, DeliveryWindowTime must be defined -->
    <!-- TariffCode, ShipmentValueAmount and ShipmentValueCurrency are both deprecated and
replaced with Line level TariffCode, UnitValueAmount and SalesOrder level ValueCurrency -->
    <xs:element name="TariffCode" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="ShipmentValueCurrency" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="ShipmentValueAmount" minOccurs="0" maxOccurs="1" type="xs:decimal"/>
    <xs:element name="ValueCurrency" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="FreightValue" minOccurs="0" maxOccurs="1" type="xs:decimal"/>
    <xs:element name="PackerMessage" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
custom message displayed to
the packer at the warehouse -->
    <xs:element
name="FreightSpecialInstructions" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Special instructions to pass
to the freight carrier -->
    <xs:element name="Line" minOccurs="0" maxOccurs="unbounded">
        <xs:complexType>
            <xs:sequence>
                <xs:element
name="OrderLineNumber" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Line number in the ERP, used in return
message -->
                <xs:element
name="PackSliplineNumber" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Second Line number if used in the ERP,
used in return message -->
                <xs:element
name="XDockDestination" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Used in Cross Docking to define the
Ultimate Destination -->
                <xs:element
name="ItemCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- ItemCode/SKU used to define the item -
-->
                <xs:element name="ItemCodeType" minOccurs="0" maxOccurs="1"> <!-- Whether
the SKU or the GTIN/UPC is being sent -->
                    <xs:simpleType>
                        <xs:restriction base="xs:string">
                            <xs:enumeration value="ItemCode"/>
                            <xs:enumeration value="GTIN"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:element>
                <xs:element
name="ItemDescription" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Custom Description, will use item master
description if not defined -->
                <xs:element
name="CustomerItemRef" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- A reference that can be used in return
message -->
                <xs:element
name="BinLocation" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Used in scenarios where .ws is not managing
the stock to define where stock is in separate system -->
                <xs:element
name="RequestedBatchNumber" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Specific Batch number to pick -->
                <xs:element
name="RequestedSerialNumber" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Specific Serial number to pick -->
                <xs:element
name="RequestedBestBeforeDate" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Specific BBD to pick -->
                <xs:element
name="RequestedProductionDate" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Specific Production Date to pick
-->
                <xs:element
name="RequestedPackagingDate" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Specific Packaging Date to pick --
>
                <xs:element
name="RequestedSellByDate" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Specific Sell By Date to pick -->

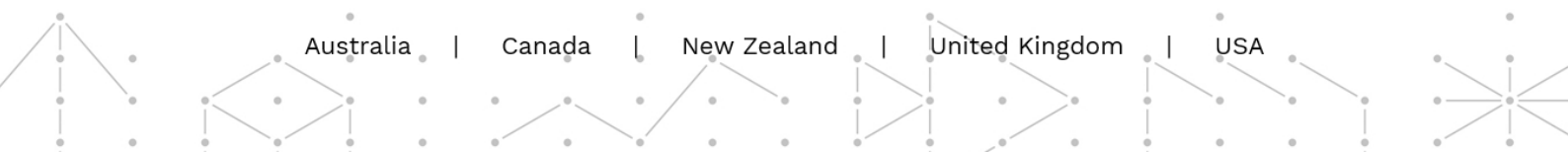
```



```

        <xs:element
name="RequestedExpiryDate" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Specific Expiry Date to pick -->
        <xs:element
name="RequestedULD" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Specific ULD to pick from -->
        <xs:element name="RequestedStockAttribute" minOccurs="0" maxOccurs="u-
unbounded"> <!-- Items with these specific attributes to be picked -->
            <xs:complexType>
                <xs:sequence>
                    <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="Attribute"/>
                    <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="Value"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element
name="Quantity" minOccurs="1" maxOccurs="1" type="xs:decimal"/> <!-- Amount of this line to be picked in units -->
        <xs:element minOccurs="0" maxOccurs="1" name="TradeUnitLevel"> <!-- The
trade unit to multiply the quantity by, defaults to Unit -->
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:enumeration value="Unit"/> <!-- The lowest level of the
item. Quantity must be 1 -->
                    <xs:enumeration value="Inner"/> <!-- The inner box only 1 record
allowed -->
                    <xs:enumeration value="Outer"/> <!-- The outer box only 1 record
allowed -->
                    <xs:enumeration value="Pallet"/> <!-- The pallet amount -->
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element
name="TariffCode" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- HS Tariff Code of the item. Required for inter-
national with commercial clearance -->
        <xs:element name="UnitValueAmount" minOccurs="0" maxOccurs="1" type="xs-
s:decimal"/> <!-- Value of each unit. Used in customs declarations and insurance -->
        <xs:element minOccurs="0" maxOccurs="unbounded" name="LineAttribute"> <!--
Line attributes to apply. Used in reporting. -->
            <xs:complexType>
                <xs:sequence>
                    <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="Attribute"/>
                    <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="Value"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element minOccurs="0" maxOccurs="unbounded" name="JobAttribute"> <!-- Job Attributes
to apply, used in reporting -->
            <xs:complexType>
                <xs:sequence>
                    <xs:element minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="A-
ttribute"/>
                    <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="Value"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element name="Comment" minOccurs="0" maxOccurs="unbounded" type="xs:string"/> <!--
Comments to put on the order. Will appear on the packing slip -->

```



```

        </xs:sequence>
      </xs:complexType>
    </xs:element>
  </xs:sequence>
</xs:complexType>
</xs:element>
</xs:schema>

```

Examples

XML

```

<PackingSlips>
  <PackingSlip>
    <InstanceCode>SampleCode</InstanceCode>
    <TenantCode>SampleCode</TenantCode>
    <WarehouseCode>SampleCode</WarehouseCode>
    <APIKey>0123456789abcdef</APIKey>
    <PickMethod>None</PickMethod>
    <PackMethod>Manual</PackMethod>
    <PackSlipNumber>TestPack</PackSlipNumber>
    <ParentCustomerCode>Test</ParentCustomerCode>
    <CustomerCode>Test</CustomerCode>
    <OrderDate>YYYY-MM-DD</OrderDate>
    <DeliveryName>Test</DeliveryName>
    <DeliveryAddress1>123 Test St</DeliveryAddress1>
    <DeliverySuburb>NSW</DeliverySuburb>
    <DeliveryPostcode>10001</DeliveryPostcode>
    <DeliveryCountry>Australia</DeliveryCountry>
    <Line>
      <ItemCode>10000</ItemCode>
      <Quantity>1</Quantity>
    </Line>
  </PackingSlip>
</PackingSlips>

```

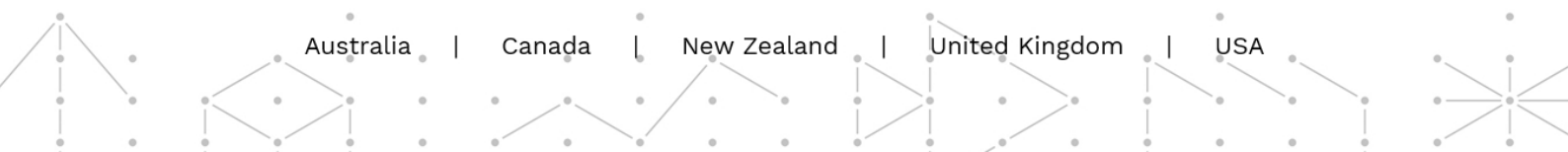
JSON

Note: JSON must be ordered as described by the model.

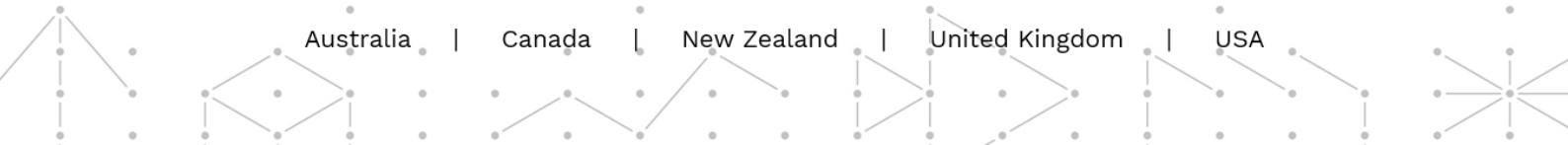
```

{
  "PackingSlip": [
    {
      "InstanceCode": "SampleCode",
      "TenantCode": "SampleCode",
      "WarehouseCode": "SampleCode",
      "APIKey": "0123456789abcdef",
      "PickMethod": "None",
      "PackMethod": "Manual",

```



```
    "PackSlipNumber": "TestPack",
    "ParentCustomerCode": "Test",
    "CustomerCode": "Test",
    "OrderDate": " YYYY-MM-DD ",
    "DeliveryName": "Test",
    "DeliveryAddress1": "123 Test St",
    "DeliverySuburb": "NSW",
    "DeliveryPostcode": "10001",
    "DeliveryCountry": "Australia",
    "Line": {
      "ItemCode": "10000",
      "Quantity": "1"
    }
  }
}
```



UpsertSalesOrderLineLevelWarehouse

Purpose	Create or update a sales order line in .wms.
Direction	Customer POST to .wms.
Endpoint	https://CLUSTER.dotwms.com/api/1.0/UpsertSalesOrderLineLevelWarehouse/
File format	XML
HTTP verb	POST
XSD	SalesOrderLineLevelWarehouse_1.0.xsd

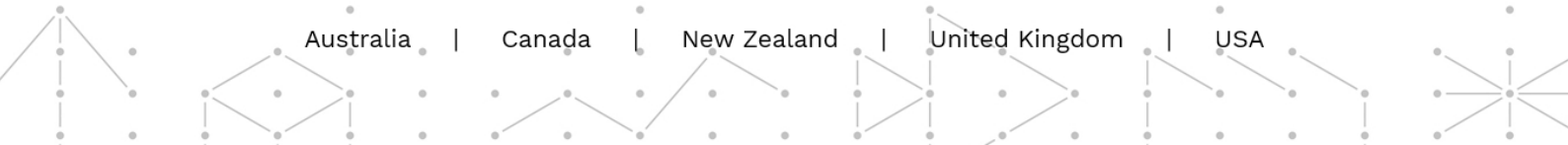
Fields

SalesOrders header object model

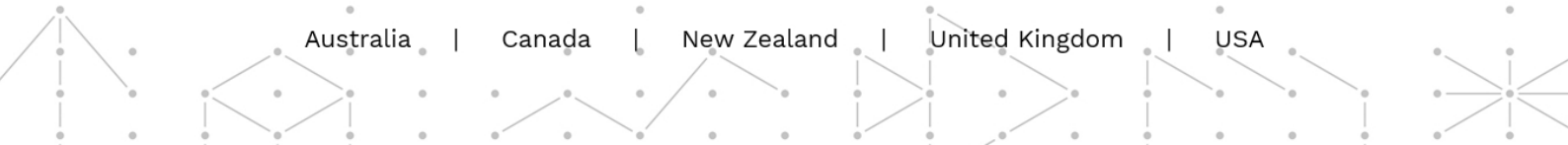
.wms field	Data type	Mandatory
SalesOrder	Object	✓

SalesOrder object model

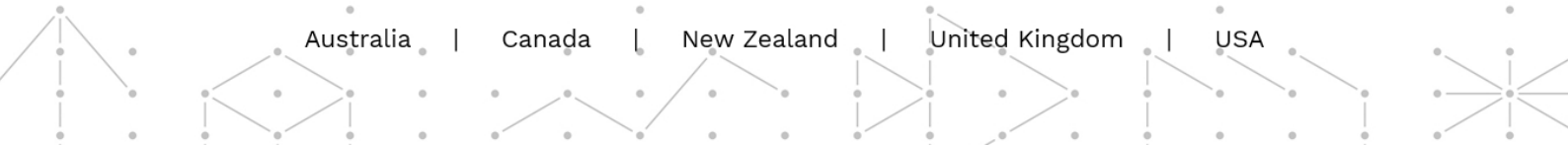
.wms field	Data type	Mandatory
InstanceCode	StringMustHaveValue	✓
TenantCode	StringMustHaveValue	✓
APIKey	StringMustHaveValue	✓
OrderSource	String	✗
JobType	String	✗
PickMethod	StringRestriction: { None, Exact, Partial,	✗



.wms field	Data type	Mandatory
	Random, SingleScan_Exact, SingleScan_Partial, SingleScan_Random, }	
PackMethod	StringRestriction: { Manual, Admin Task, Pallet, RainbowPallet, AutoConsignment, Carton, AutoConsignment, }	✗
CheckATP	StringRestriction: { Yes, No, }	✗
SalesOrderNumber	StringMustHaveValue	✓
ParentCustomerCode	StringMustHaveValue	✓
CustomerCode	StringMustHaveValue	✓
OrderNumber	String	✗
OrderDate	Date	✓
PickingSlipDate	Date	✗
JobPriority	Integer	✗
JobComplexityScore	Integer	✗



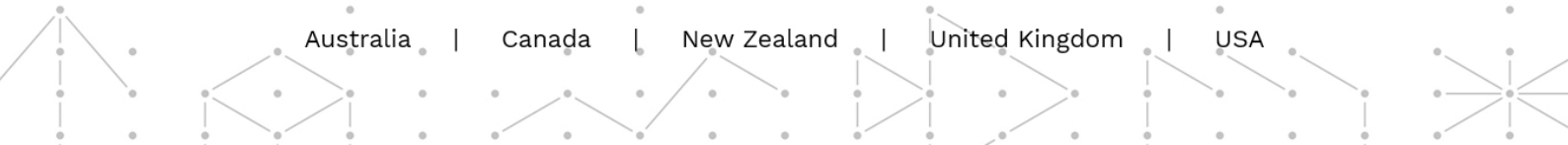
.wms field	Data type	Mandatory
PackingSlipURL	String	✗
PackingSlipPaperType	String	✗
DeliverWindowOpenDate	Date	✗
DeliverWindowCloseDate	Date	✗
DeliverWindowTime	String	✗
CarrierServiceCode	String	✗
JobHeldReason	String	✗
DeliveryName	StringMustHaveValue	✓
DeliveryCompany	String	✗
DeliveryAddress1	StringMustHaveValue	✓
DeliveryAddress2	String	✗
DeliverySuburb	String	✓
DeliveryState	String	✗
DeliveryPostcode	String	✗
DeliveryCountry	String	✓
DeliveryEmail	String	✗
DeliveryPhone	String	✗
DeliveryFax	String	✗
LabelTemplate	String	✗
Additional01	String	✗
Additional02	String	✗
Additional03	String	✗
Additional04	String	✗



.wms field	Data type	Mandatory
Additional05	String	✗
Additional06	String	✗
Additional07	String	✗
Additional08	String	✗
Additional09	String	✗
Additional10	String	✗
IsSendASN	Boolean	✗
IsBookinFreight	Boolean	✗
IsDateSensitiveFreight	Boolean	✗
IsTimeSensitiveFreight	Boolean	✗
TariffCode	String	✗
PackageValueCurrency	String	✗
PackageValueAmount	Decimal	✗
ValueCurrency	String	✗
FreightValue	Decimal	✗
PackerMessage	String	✗
FreightSpecialInstructions	String	✗
Line	Object	✗
JobAttribute	Object	✗
Comment	String	✗

JobAttribute object model

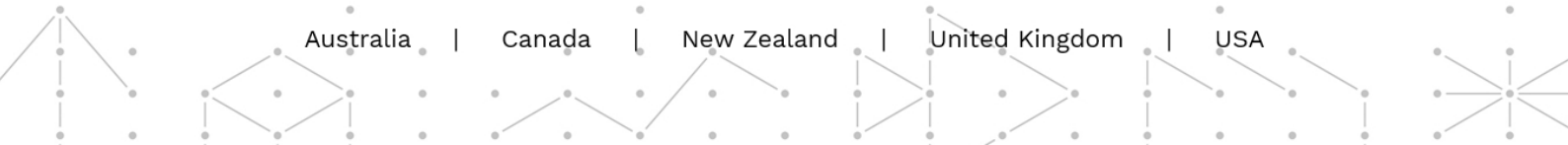
.wms field	Data type	Mandatory
Attribute	StringMustHaveValue	✓
Value	StringMustHaveValue	✓



Line object model

.wms field	Data type	Mandatory
WarehouseCode	StringMustHaveValue	✓
OrderLineNumber	String	✗
PackSlipLineNumber	String	✗
XDockDestination	String	✗
ItemCode	StringMustHaveValue	✓
ItemDescription	String	✗
CustomerItemRef	String	✗
BinLocation	String	✗
RequestedBatchNumber	String	✗
RequestedSerialNumber	String	✗
RequestedBestBeforeDate	String	✗
RequestedProductionDate	String	✗
RequestedPackagingDate	String	✗
RequestedSellByDate	String	✗
RequestedExpiryDate	String	✗
Quantity	Decimal	✓
TariffCode	String	✗
UnitValueAmount	Decimal	✗
LineAttribute	Object	✗

LineAttribute object model



.wms field	Data type	Mandatory
Attribute	StringMustHaveValue	✓
Value	StringMustHaveValue	✓

XSD

```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified" xmlns:xs="h-
http://www.w3.org/2001/XMLSchema">
  <xs:simpleType name="stringMustHaveValue">
    <xs:restriction base="xs:string">
      <xs:minLength value="1" />
    </xs:restriction>
  </xs:simpleType>

  <xs:element name="SalesOrders">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="SalesOrder" minOccurs="1" maxOccurs="unbounded">
          <xs:complexType>
            <xs:sequence>
              <xs:element name="InstanceCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="TenantCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="APIKey" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
              <xs:element name="OrderSource" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Order-
Source intended to show the system the order came from -->
              <xs:element name="JobType" minOccurs="0" maxOccurs="1" type="xs:string"/>
              <xs:element name="PickMethod" minOccurs="0" maxOccurs="1">
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:enumeration value="None"/>
                    <xs:enumeration value="Exact"/>
                    <xs:enumeration value="Partial"/>
                    <xs:enumeration value="Random"/>
                    <xs:enumeration value="SingleScan_Exact"/>
                    <xs:enumeration value="SingleScan_Partial"/>
                    <xs:enumeration value="SingleScan_Random"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element name="PackMethod" minOccurs="0" maxOccurs="1">
                <xs:simpleType>
                  <xs:restriction base="xs:string">
                    <xs:enumeration value="Manual"/>
                    <xs:enumeration value="AdminTask"/>
                    <xs:enumeration value="Pallet"/>
                    <xs:enumeration value="RainbowPallet"/>
                    <xs:enumeration value="Carton"/>
                    <xs:enumeration value="AutoConsignment"/>
                  </xs:restriction>
                </xs:simpleType>
              </xs:element>
              <xs:element name="CheckATP" minOccurs="0" maxOccurs="1">
                <xs:simpleType>
                  <xs:restriction base="xs:string">
```



```

        <xs:enumeration value="Yes"/>
        <xs:enumeration value="No"/>
    </xs:restriction>
</xs:simpleType>
</xs:element>
<xs:element
name="SalesOrderNumber" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>

    <xs:element
name="ParentCustomerCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
    <xs:element name="CustomerCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
    <xs:element name="OrderNumber" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="OrderDate" minOccurs="1" maxOccurs="1" type="xs:date"/>
    <xs:element name="PickingSlipDate" minOccurs="0" maxOccurs="1" type="xs:date"/>
    <xs:element
name="JobPriority" minOccurs="0" maxOccurs="1" default="1" type="xs:integer"/>
    <xs:element name="JobComplexityScore" minOccurs="0" maxOccurs="1" default="1" type="xs:i-
integer"/>

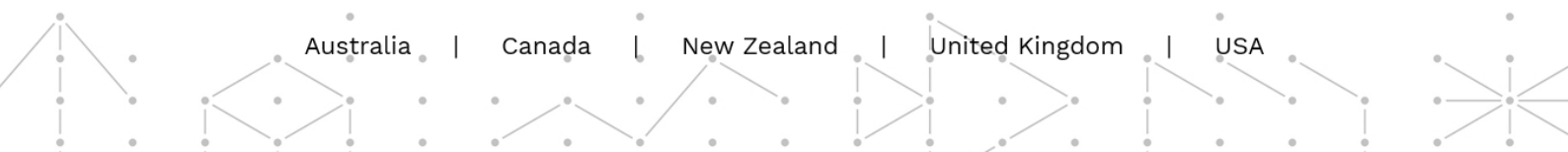
    <xs:element name="PackingSlipURL" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="PackingSlipPaperType" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="DeliverWindowOpenDate" minOccurs="0" maxOccurs="1" type="xs:date"/>
    <xs:element name="DeliverWindowCloseDate" minOccurs="0" maxOccurs="1" type="xs:date"/>
    <xs:element name="DeliverWindowTime" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="CarrierServiceCode" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="JobHeldReason" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="DeliveryName" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"
/>

    <xs:element name="DeliveryCompany" minOccurs="0" maxOccurs="1" type="xs:string" />
    <xs:element
name="DeliveryAddress1" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
    <xs:element name="DeliveryAddress2" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="DeliverySuburb" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="DeliveryState" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="DeliveryPostcode" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="DeliveryCountry" minOccurs="1" maxOccurs="1" type="xs:string"/>
    <xs:element name="DeliveryEmail" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="DeliveryPhone" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="DeliveryFax" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element
name="LabelTemplate" minOccurs="0" maxOccurs="1" default="default" type="xs:string"/>
    <xs:element name="Additional01" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="Additional02" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="Additional03" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="Additional04" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="Additional05" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="Additional06" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="Additional07" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="Additional08" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="Additional09" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="Additional10" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="IsSendASN" minOccurs="0" maxOccurs="1" default="false" type="xs-
s:boolean"/>

    <xs:element name="IsBookinFreight" minOccurs="0" maxOccurs="1" default="false" type="xs-
s:boolean"/>

    <xs:element
name="IsDateSensitiveFreight" minOccurs="0" maxOccurs="1" default="false" type="xs:boolean"/>
    <xs:element
name="IsTimeSensitiveFreight" minOccurs="0" maxOccurs="1" default="false" type="xs:boolean"/>
<!-- TariffCode, PackageValueAmount and PackageValueCurrency are both deprecated and
replaced with Line level TariffCode, UnitValueAmount and SalesOrder level ValueCurrency -->
    <xs:element name="TariffCode" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="PackageValueCurrency" minOccurs="0" maxOccurs="1" type="xs:string"/>
    <xs:element name="PackageValueAmount" minOccurs="0" maxOccurs="1" type="xs:decimal"/>

```

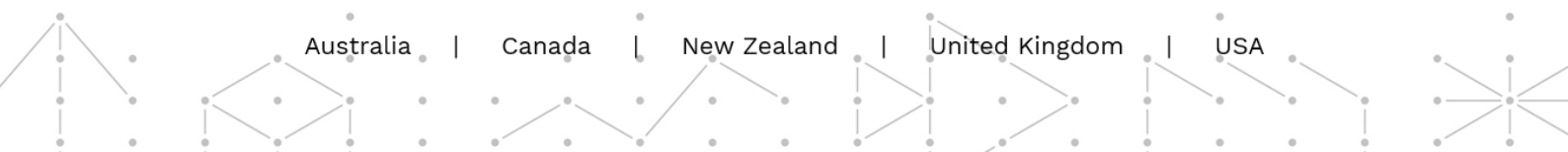


```

        <xs:element name="ValueCurrency" minOccurs="0" maxOccurs="1" type="xs:string"/>
        <xs:element name="FreightValue" minOccurs="0" maxOccurs="1" type="xs:decimal"/>
        <xs:element name="PackerMessage" minOccurs="0" maxOccurs="1" type="xs:string"/>
        <xs:element
name="FreightSpecialInstructions" minOccurs="0" maxOccurs="1" type="xs:string"/>
        <xs:element name="Line" minOccurs="0" maxOccurs="unbounded">
            <xs:complexType>
                <xs:sequence>
                    <xs:element
name="WarehouseCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
                    <xs:element
name="OrderLineNumber" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element
name="PackSliplineNumber" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element
name="XDockDestination" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element
name="ItemCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/>
                    <xs:element
name="ItemDescription" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element
name="CustomerItemRef" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element
name="BinLocation" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element
name="RequestedBatchNumber" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element
name="RequestedSerialNumber" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element
name="RequestedBestBeforeDate" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element
name="RequestedProductionDate" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element
name="RequestedPackagingDate" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element
name="RequestedSellByDate" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element
name="RequestedExpiryDate" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element name="Quantity" minOccurs="1" maxOccurs="1" type="xs:decimal"/>
                    <xs:element name="TariffCode" minOccurs="0" maxOccurs="1" type="xs:string"/>
                    <xs:element name="UnitValueAmount" minOccurs="0" maxOccurs="1" type="xs-
s:decimal"/>

                    <xs:element minOccurs="0" maxOccurs="unbounded" name="LineAttribute"> <!--
Line attributes to apply. Used in reporting. -->
                        <xs:complexType>
                            <xs:sequence>
                                <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="Attribute"/>
                                <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="Value"/>
                            </xs:sequence>
                        </xs:complexType>
                    </xs:element>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
        <xs:element minOccurs="0" maxOccurs="unbounded" name="JobAttribute"> <!-- Job Attributes
to apply, used in reporting -->
            <xs:complexType>
                <xs:sequence>
                    <xs:element minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="A-
ttribute"/>
                    <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="Value"/>
                </xs:sequence>
            </xs:complexType>
        </xs:element>
    </xs:sequence>
</xs:complexType>
</xs:element>

```




```

        </xs:sequence>
      </xs:complexType>
    </xs:element>
    <xs:element name="Comment" minOccurs="0" maxOccurs="unbounded" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:schema>

```

Examples

XML

```

<SalesOrders>
  <SalesOrder>
    <InstanceCode>SampleCode</InstanceCode>
    <TenantCode>SampleCode</TenantCode>
    <APIKey>0123456789abcdef</APIKey>
    <SalesOrderNumber>Test</SalesOrderNumber>
    <ParentCustomerCode>Test</ParentCustomerCode>
    <CustomerCode>test</CustomerCode>
    <OrderDate> YYYY-MM-DD </OrderDate>
    <DeliveryName>Test</DeliveryName>
    <DeliveryAddress1>123 Test St</DeliveryAddress1>
    <DeliverySuburb>Test</DeliverySuburb>
    <DeliveryPostcode>1000</DeliveryPostcode>
    <DeliveryCountry>Australia</DeliveryCountry>
    <Line>
      <WarehouseCode>SampleCode</WarehouseCode>
      <ItemCode>10000</ItemCode>
      <Quantity>1</Quantity>
    </Line>
  </SalesOrder>
</SalesOrders>

```

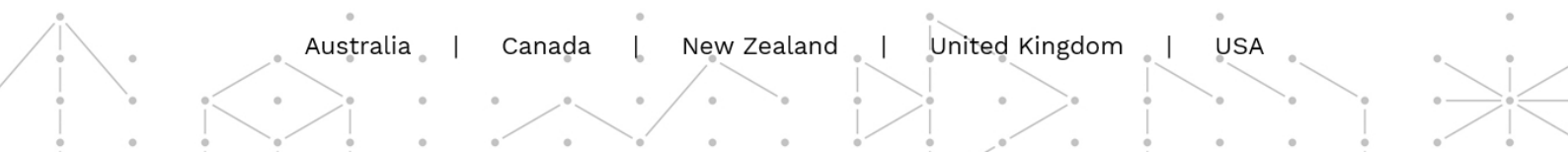
JSON

Note: JSON must be ordered as described by the model.

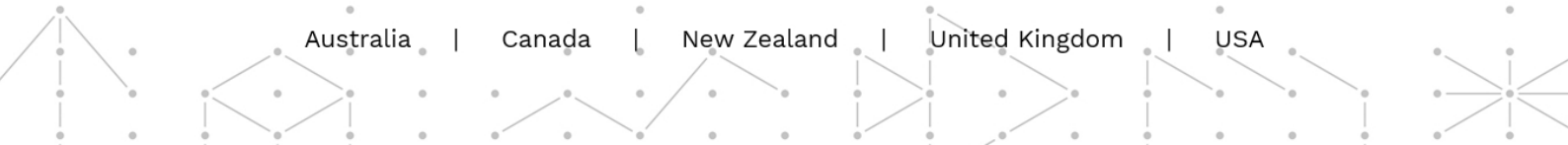
```

{
  "SalesOrder": [
    {
      "InstanceCode": "SampleCode",
      "TenantCode": "SampleCode",
      "APIKey": "0123456789abcdef",
      "SalesOrderNumber": "Test",

```



```
    "ParentCustomerCode": "Test",
    "CustomerCode": "test",
    "OrderDate": " YYYY-MM-DD",
    "DeliveryName": "Test",
    "DeliveryAddress1": "123 Test St",
    "DevilverySuburb": "Test",
    "DeliveryPostcode": "1000",
    "DeliveryCountry": "Australia",
    "Line": {
      "WarehouseCode": "SampleCode",
      "ItemCode": "10000",
      "Quantity": "1"
    }
  }
}
```



UpsertSimpleReceipt

Purpose	Create or update a receipt in .wms.
Direction	Customer POST to .wms.
Endpoint	https://CLUSTER.dotwms.com/api/1.0/UpsertSimpleReceipt/
File format	XML or JSON
HTTP verb	POST
XSD	SimpleReceipts_1.0.xsd

Fields

SimpleReceipts object model

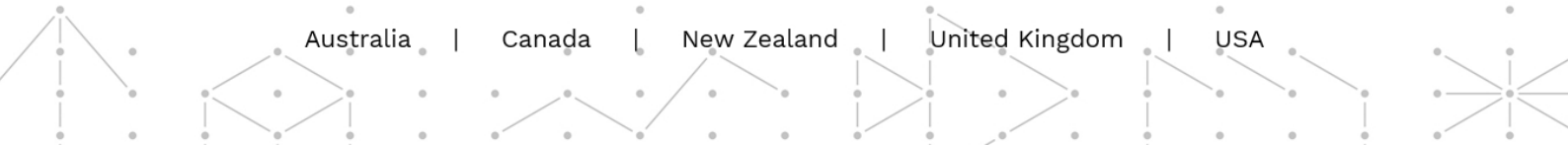
.wms field	Data type	Mandatory
SimpleReceipt	Object	✓

SimpleReceipt object model

.wms field	Data type	Mandatory
InstanceCode	StringMustHaveValue	✓
TenantCode	StringMustHaveValue	✓
WarehouseCode	StringMustHaveValue	✓
APIKey	StringMustHaveValue	✓
ReceiptSource	String	✗
ShipmentNumber	StringMustHaveValue	✓
ReceiptType	StringMustHaveValue	✗
ContainerType	String	✗



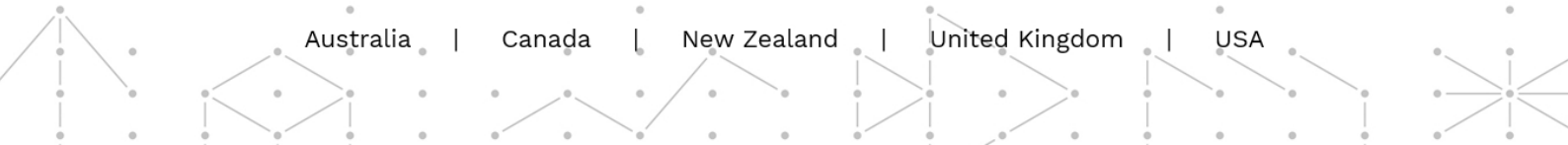
.wms field	Data type	Mandatory
DueDate	Date	✗
ReceiptReference	String	✗
SupplierName	String	✗
SupplierAddress1	String	✗
SupplierAddress2	String	✗
SupplierSuburb	String	✗
SupplierState	String	✗
SupplierPostcode	String	✗
SupplierCountry	String	✗
SupplierEmail	String	✗
SupplierPhone	String	✗
SupplierFax	String	✗
FreightType	String	✗
Additional01	String	✗
Additional02	String	✗
Additional03	String	✗
Additional04	String	✗
Additional05	String	✗
Additional06	String	✗
Additional07	String	✗
Additional08	String	✗
Additional09	String	✗
Additional10	String	✗
OverReceiptTolerance	Decimal	✗



.wms field	Data type	Mandatory
Line	Object	✓
JobAttribute	Object	✗

Line object model

.wms field	Data type	Mandatory
OrderNumber	String	✗
OrderLineNumber	String	✗
InvoiceNumber	String	✗
ForwardersRef	String	✗
ItemCode	StringMustHaveValue	✓
ItemCodeType	StringRestriction: { ItemCode, GTIN, }	✗
ItemDescription	String	✗
ExpectedQuantity	Decimal	✓
TradeUnitLevel	StringRestriction: { Unit, Inner, Outer, Pallet }	✗
ExpectedBatchNumber	String	✗
ExpectedSerialNumber	String	✗
LineAttribute	Object	✗



.wms field	Data type	Mandatory
ExpectedStockAttribute	Object	✗

LineAttribute object model

.wms field	Data type	Mandatory
Attribute	StringMustHaveValue	✓
Value	String	✓

ExpectedStockAttribute object model

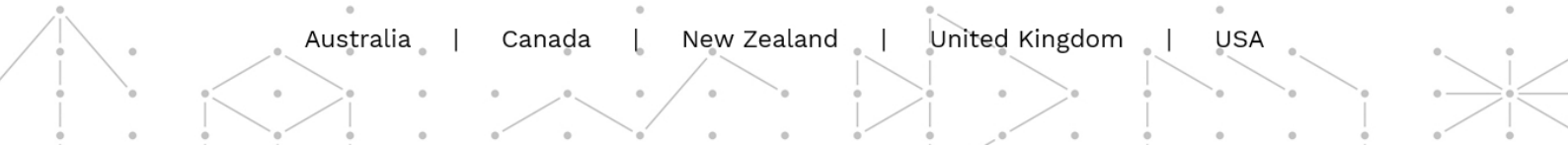
.wms field	Data type	Mandatory
Attribute	StringMustHaveValue	✓
Value	String	✓

JobAttribute object model

.wms field	Data type	Mandatory
Attribute	StringMustHaveValue	✓
Value	String	✓

XSD

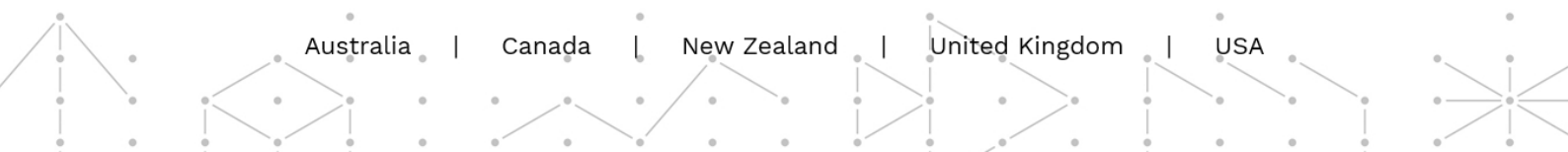
```
<?xml version="1.0" encoding="utf-8"?>
<xs:schema attributeFormDefault="unqualified" elementFormDefault="qualified" xmlns:xs="http://www.w3.org/2001/XMLSchema">
  <xs:simpleType name="stringMustHaveValue">
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:element name="SimpleReceipts">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="SimpleReceipt" minOccurs="1" maxOccurs="unbounded">
```



```

<xs:complexType>
  <xs:sequence>
    <xs:element
name="InstanceCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- This is the InstanceCode Provided
by .wms -->
    <xs:element
name="TenantCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- This is the TenantCode Provided by
.wms -->
    <xs:element
name="WarehouseCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- This is the WarehouseCode for the
warehouse the order is submitted to -->
    <xs:element name="APIKey" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!--
This is the APIKey Provided by .wms -->
    <xs:element name="ReceiptSource" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
Intended to provide context about system it came from -->
    <xs:element
name="ShipmentNumber" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- The identifier for the shipment,
typically a PO number, ASN or Container Number -->
    <xs:element
name="ReceiptType" minOccurs="0" maxOccurs="1" type="stringMustHaveValue"/> <!-- The type of receipt this is, Trans-
fer, Return, Purchase Order, defaults to Standard -->
    <xs:element name="ContainerType" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- The
container type. Typical either LCL, 20GP, 40GP or 40HC -->
    <xs:element name="DueDate" minOccurs="0" maxOccurs="1" type="xs:date"/> <!-- The date
the shipment is due -->
    <xs:element name="ReceiptReference" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
The supplier's reference for the receipt -->
    <xs:element name="SupplierName" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- The
name of the supplier -->
    <xs:element name="SupplierAddress1" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
The address of the supplier -->
    <xs:element name="SupplierAddress2" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
The address of the supplier -->
    <xs:element name="SupplierSuburb" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
The suburb of the supplier -->
    <xs:element name="SupplierState" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- The
state/territory/region of the supplier -->
    <xs:element name="SupplierPostcode" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
The Postcode/Zip Code of the supplier -->
    <xs:element name="SupplierCountry" minOccurs="0" maxOccurs="1" type="xs:string"/> <!--
The country of the supplier -->
    <xs:element name="SupplierEmail" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- The
email of the supplier -->
    <xs:element name="SupplierPhone" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- The
phone number of the supplier -->
    <xs:element name="SupplierFax" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- The
fax number of the supplier -->
    <xs:element name="FreightType" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- The
type of freight used by supplier -->
    <xs:element name="Additional01" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
additional Reference field -->
    <xs:element name="Additional02" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
additional Reference field -->
    <xs:element name="Additional03" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
additional Reference field -->
    <xs:element name="Additional04" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
additional Reference field -->
    <xs:element name="Additional05" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
additional Reference field -->
    <xs:element name="Additional06" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
additional Reference field -->
    <xs:element name="Additional07" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
additional Reference field -->
    <xs:element name="Additional08" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An

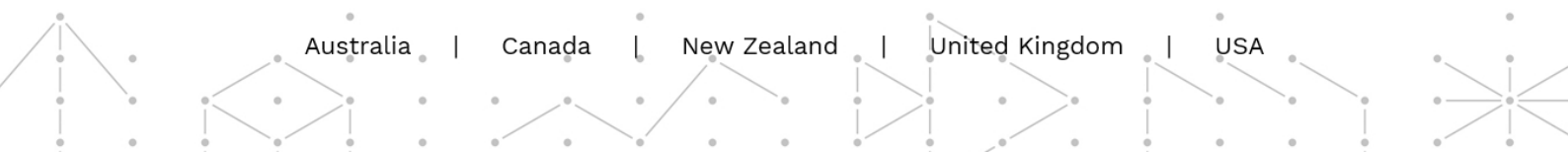
```



```

additional Reference field -->
    <xs:element name="Additional09" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
additional Reference field -->
    <xs:element name="Additional10" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- An
additional Reference field -->
    <xs:element
name="OverReceiptTolerance" minOccurs="0" maxOccurs="1" type="xs:decimal"/> <!-- The amount of stock that may be
over-receipted vs the ExpectedQuantity -->
    <xs:element name="Line" minOccurs="1" maxOccurs="unbounded">
        <xs:complexType>
            <xs:sequence>
                <xs:element
name="OrderNumber" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- The PO or order number associate dwith the
line -->
                <xs:element
name="OrderLineNumber" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- The distinct line number on the PO -->
                <xs:element
name="InvoiceNumber" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Customer invoice fro supplier -->
                <xs:element
name="ForwardersRef" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- Reference from the Freight Forwarder -->
                <xs:element
name="ItemCode" minOccurs="1" maxOccurs="1" type="stringMustHaveValue"/> <!-- The distinct Item Code/SKU -->
                <xs:element name="ItemCodeType" minOccurs="0" maxOccurs="1"> <!-- Whether
the SKU or the GTIN/UPC is being sent -->
                    <xs:simpleType>
                        <xs:restriction base="xs:string">
                            <xs:enumeration value="ItemCode"/>
                            <xs:enumeration value="GTIN"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:element>
                <xs:element
name="ItemDescription" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- The item description, will pull from item
master data if left blank -->
                <xs:element name="ExpectedQuantity" minOccurs="1" maxOccurs="1" type="xs-
s:decimal"/> <!-- The quantity expectedd on this line -->
                <xs:element name="TradeUnitLevel" minOccurs="0" maxOccurs="1"> <!-- The
trade unit to multiply the quantity by, defaults to Unit -->
                    <xs:simpleType>
                        <xs:restriction base="xs:string">
                            <xs:enumeration value="Unit"/> <!-- The lowest level of the
item. Quantity must be 1 -->
                            <xs:enumeration value="Inner"/> <!-- The inner box only 1 record
allowed -->
                            <xs:enumeration value="Outer"/> <!-- The outer box only 1 record
allowed -->
                            <xs:enumeration value="Pallet"/> <!-- The pallet amount -->
                        </xs:restriction>
                    </xs:simpleType>
                </xs:element>
                <xs:element
name="ExpectedBatchNumber" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- The expected batch number to be
received and verified against -->
                <xs:element
name="ExpectedSerialNumber" minOccurs="0" maxOccurs="1" type="xs:string"/> <!-- The expected serial number to be
received and verified against -->
                <xs:element minOccurs="0" maxOccurs="unbounded" name="LineAttribute"> <!--
Any custom line attributes -->
                    <xs:complexType>
                        <xs:sequence>
                            <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="Attribute"/> <!-- Name of the attribute -->
                            <xs:element
minOccurs="1" maxOccurs="1" type="xs:string" name="Value"/> <!-- Value of the attribute -->

```




```
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="ExpectedStockAttribute" minOccurs="0" maxOccurs="un-
bounded"> <!-- Any expected item attributes for the line -->
    <xs:complexType>
        <xs:sequence>
            <xs:element
minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="Attribute"/> <!-- Name of the attribute -->
                <xs:element
minOccurs="1" maxOccurs="1" type="xs:string" name="Value"/> <!-- Value of the attribute -->
            </xs:sequence>
        </xs:complexType>
    </xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element minOccurs="0" maxOccurs="unbounded" name="JobAttribute"> <!-- Any custom job
attributes -->
    <xs:complexType>
        <xs:sequence>
            <xs:element minOccurs="1" maxOccurs="1" type="stringMustHaveValue" name="A-
ttribute"/> <!-- Name of the attribute -->
            <xs:element minOccurs="1" maxOccurs="1" type="xs:string" name="Value"/> <!--
Value of the attribute -->
        </xs:sequence>
    </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:schema>
```

Examples

XML export

```
<SimpleReceipts>
  <SimpleReceipt>
    <InstanceCode>SAMPLE</InstanceCode>
    <TenantCode>SAMPLE</TenantCode>
    <WarehouseCode>SAMPLE</WarehouseCode>
    <APIKey>0123456789abcdef</APIKey>
    <ShipmentNumber>SAMPLE</ShipmentNumber>
    <ReceiptType>Purchase Order</ReceiptType>
    <SupplierName>Sample</SupplierName>
    <SupplierAddress1>123 Sample Street</SupplierAddress1>
    <SupplierSuburb>Sydney</SupplierSuburb>
    <SupplierState>NSW</SupplierState>
    <SupplierPostcode>2000</SupplierPostcode>
    <SupplierCountry>Australia</SupplierCountry>
  </Line>
  <OrderNumber>SampleOrder</OrderNumber>
  <ItemCode>SampleItem</ItemCode>
```

```
<ExpectedQuantity>2</ExpectedQuantity>
<TradeUnitLevel>Unit</TradeUnitLevel>
</Line>
</SimpleReceipt>
</SimpleReceipts>
```

JSON export

```
{
  "SimpleReceipt": {
    "InstanceCode": "SAMPLE",
    "TenantCode": "SAMPLE",
    "WarehouseCode": "SAMPLE",
    "APIKey": "0123456789abcdef",
    "ShipmentNumber": "SAMPLE",
    "ReceiptType": "Purchase Order",
    "SupplierName": "Sample",
    "SupplierAddress1": "123 Sample Street",
    "SupplierSuburb": "Sydney",
    "SupplierState": "NSW",
    "SupplierPostcode": "2000",
    "SupplierCountry": "Australia",
    "Line": {
      "OrderNumber": "SampleOrder",
      "ItemCode": "SampleItem",
      "ExpectedQuantity": "2",
      "TradeUnitLevel": "Unit"
    }
  }
}
```

