

# **National Products Fulfilment**

## **Web Service Documentation**

This document elaborates how to develop and test an API Feed to NPF from any system.

Client that uses any specific system will be in a position to

- 1. Send sales order files to NPF**
- 2. Pull Tracking information from NPF**
- 3. Cancel Order from NPF**
- 4. Pull available stock on hand from NPF**
- 5. Add their inbound deliveries**

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## Order Import Web service \_ Send Order Information

**API URL:** [https://npfonline.com/NPFM/FMImportAPI\\_V2.asmx?wsdl](https://npfonline.com/NPFM/FMImportAPI_V2.asmx?wsdl)

**Functions:** ImportSingleOrder()

**Overview:** This method is used for placing Orders. This service takes login credentials and single/multiple orders as input for processing. If login credentials are validated transaction proceeds further and returns status as 'Valid' along with Batchcode and Order Status as 'Ready to process'.

**Note:** Please use same API URL for test. While testing please use the below test client code and credentials. When you go live, please contact NPF for user credentials and client code.

XML Node	Description	Test Value
<Username>	User Name	NPFDRAPI
<Password>	Password	NPFDRAPI212
<ClientCode>	Client Code	NPFDRAPI

### Request:

```
<?xml version="1.0" encoding="UTF-8"?>
<OrderList>
<Login>
<UserName>NPFDRAPI</UserName>
<Password>NPFDRAPI212</Password>
</Login>
<Order>
<ClientCode>NPFDRAPI</ClientCode>
<SalesOrderNo>2506407</SalesOrderNo>
<OrderDate>2019-04-17 03:23:49</OrderDate>
<CustomerNo>227232</CustomerNo>
<BillingAddress>
<FirstName>Ram</FirstName>
<LastName>Kumar</LastName>
<CompanyName>Marina Mirage</CompanyName>
<Address1>74 Seaworld Drive</Address1>
<Address2>Main Beach</Address2>
<City>Main Beach</City>
<State>QLD</State>
<PostCode>4217</PostCode>
<Country>Australia</Country>
<Phone>9566657686</Phone>
<Email>info@marinamirage.com</Email>
</BillingAddress>
<ShippingAddress>
<FirstName>Ram</FirstName>
<LastName>Kumar</LastName>
```

<CompanyName>Marina Mirage</CompanyName>  
<Address1>74 Seaworld Drive</Address1>  
<Address2>Main Beach </Address2>  
<City>Main Beach </City>  
<State> QLD </State>  
<PostCode>4217</PostCode>  
<Country>Australia</Country>  
</ShippingAddress>  
<DespatchDetails>  
<DispatchMethod>TNT</DispatchMethod>  
<GiftWrappingRequired>No</GiftWrappingRequired>  
<CustomerMessage>Delivery parcel in ground floor</CustomerMessage>  
<ArticleValue>160.00</ArticleValue>  
<ArticleDescription>Kids Garments</ArticleDescription>  
<WebSiteCode>www.MySalesSite.com</WebSiteCode>  
</DespatchDetails>  
<Products>  
<Product>  
<Code>Test001</Code>  
<Description>Item One</Description>  
<BarCode>I0898727219929292</BarCode>  
<Quantity>4</Quantity>  
<SalesPrice>61.36363636</SalesPrice>  
<GST>10</GST>  
<SalesPricesIncludesGST>270.00</SalesPricesIncludesGST>  
<Amount>245.45</Amount>  
<DangerousGoods>F</DangerousGoods>  
<MLS />  
</Product>  
<Product>  
<Code>Test002</Code>  
<Description>Item Two</Description>  
<BarCode />  
<Quantity>7</Quantity>  
<SalesPrice>90.00</SalesPrice>  
<GST>10</GST>  
<SalesPricesIncludesGST>693.00</SalesPricesIncludesGST>  
<Amount>630.00</Amount>  
<DangerousGoods>F</DangerousGoods>  
<MLS />  
</Product>  
</Products>  
<Totals>  
<SubTotal1>963.00</SubTotal1>  
<P\_H\_Cost>0.00</P\_H\_Cost>  
<P\_H\_GST>1</P\_H\_GST>  
<P\_H\_IncludesGST>0.00</P\_H\_IncludesGST>  
<SubTotal2>963.00</SubTotal2>  
<DiscountPercentage>0.00</DiscountPercentage>

```

<DiscountAmount>0.00</DiscountAmount>
<Total>963.00</Total>
</Totals>
<IPAddress>111.67.0.82</IPAddress>
<HasDangerousGoods>F</HasDangerousGoods>
</Order>
</OrderList>

```

### Input Protocols:

Order Web Service	serverorder
<b>Inputs</b>	<ul style="list-style-type: none"> <li>• Login <ul style="list-style-type: none"> <li>▪ Username</li> <li>▪ Password</li> <li>▪ Clientcode</li> </ul> </li> <li>• Order <ul style="list-style-type: none"> <li>▪ SalesOrderNo</li> <li>▪ OrderDate</li> <li>▪ CustomerNo</li> <li>▪ BillingAddress <ul style="list-style-type: none"> <li>◆ FirstName</li> <li>◆ LastName</li> <li>◆ CompanyName</li> <li>◆ Address1</li> <li>◆ Address2</li> <li>◆ City</li> <li>◆ State</li> <li>◆ PostCode</li> <li>◆ Country</li> <li>◆ Phone</li> <li>◆ Email</li> </ul> </li> <li>▪ ShippingAddress <ul style="list-style-type: none"> <li>◆ FirstName</li> <li>◆ LastName</li> <li>◆ CompanyName</li> </ul> </li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>◆ Address1</li> <li>◆ Address2</li> <li>◆ City</li> <li>◆ State</li> <li>◆ PostCode</li> <li>◆ Country</li> <li>▪ DespatchDetails <ul style="list-style-type: none"> <li>◆ DispatchMethod</li> <li>◆ GiftWrappingRequired</li> <li>◆ CustomerMessage</li> <li>◆ ArticleValue</li> <li>◆ ArticleDescription</li> <li>◆ WebSiteCode</li> </ul> </li> <li>▪ Products <ul style="list-style-type: none"> <li>◆ Product <ul style="list-style-type: none"> <li>➤ Code</li> <li>➤ Description</li> <li>➤ BarCode</li> <li>➤ Quantity</li> <li>➤ SalesPrice</li> <li>➤ GST</li> <li>➤ SalesPricesIncludesGST</li> <li>➤ Amount</li> <li>➤ DangerousGoods</li> <li>➤ MLS</li> </ul> </li> </ul> </li> <li>▪ Totals <ul style="list-style-type: none"> <li>◆ SubTotal1</li> <li>◆ P_H_Cost</li> <li>◆ P_H_GST</li> <li>◆ P_H_IncludesGST</li> <li>◆ SubTotal2</li> <li>◆ DiscountPercentageState</li> <li>◆ DiscountAmount</li> <li>◆ Total</li> </ul> </li> <li>• IPAddress</li> <li>• HasDangerousGoods</li> </ul> <p>(see Parameter Descriptions section below).</p>
<b>Outputs</b>	<p>Return status will be “Valid” meaning it is successful or “Invalid” piped with the particular Error Message(s) if it has failed. It will also return Clientcode on successful login along with Batchcode and Order Status as “Ready for process”.</p>

## Request Schema:

Argument	Required	Data type / Max Length	Notes
Login. Username	Yes	Text/255	Please contact NPF for Username
Login. Password	Yes	Text/255	Please contact NPF for Password
Login. ClientCode	Yes	Text/30	Client Code from OFS
Order. SalesOrderNo	Yes	Text/30	Sales Order Number
Order. OrderDate	Yes	Date	Order Date (yyyy – mon - dd) format is must -2019-04-17
Order. CustomerNo	Yes	Text/30	Customer Number
Order. BillingAddress. FirstName	Yes	Text/50	Firstname in Billing address
Order. BillingAddress. LastName	Yes	Text/30	Last name in Billing address
Order. BillingAddress. CompanyName		Text/255	Company Name
Order. BillingAddress. Address1	Yes	Text/50	Address first line
Order. BillingAddress. Address2		Text/255	Address second line
Order. BillingAddress. City	Yes	Text/50	City
Order. BillingAddress. State	Yes	Text/50	State is mandatory for Australia and it's optional for other countries
Order. BillingAddress. PostCode	Yes	Text/10	Postcode should be 4 characters, if Australia
Order. BillingAddress. Country	Yes	Text/40	Country name
Order. BillingAddress. Phone	Yes	Text/15	Phone number
Order. BillingAddress. Email		Text/255	Email address
Order. ShippingAddress. FirstName	Yes	Text/50	First name in shipping address
Order. ShippingAddress. LastName	Yes	Text/30	Last name
Order. ShippingAddress. CompanyName		Text/255	Company name
Order. ShippingAddress. Address1	Yes	Text/50	Address first line
Order. ShippingAddress. Address2		Text/255	Address second line
Order. ShippingAddress. City	Yes	Text/50	City



<b>Order. ShippingAddress. State</b>	<b>Yes/No</b>	<b>Text/50</b>	State is mandatory for Australia and it's optional for other countries
<b>Order. ShippingAddress. PostCode</b>	<b>Yes</b>	<b>Text/10</b>	Postcode should be 4 character, if Australia
<b>Order. ShippingAddress. Country</b>	<b>Yes</b>	<b>Text/40</b>	Country name
<b>Order. DespatchDetails. DispatchMethod</b>	<b>Yes</b>	<b>Text/30</b>	Dispatch method
<b>Order. DespatchDetails. GiftWrappingRequired</b>		<b>Text/30</b>	Gift wrapping required
<b>Order. DespatchDetails. CustomerMessage</b>		<b>Text/100</b>	Customer message
<b>Order. DespatchDetails. ArticleValue</b>		<b>Decimal/10</b>	Article value. Mandatory for International orders
<b>Order. DespatchDetails. ArticleDescription</b>		<b>Text/100</b>	Article description. Mandatory for International orders
<b>Order. DespatchDetails. WebSiteCode</b>		<b>Text/255</b>	Website address
<b>Order. Products. Product. Code</b>	<b>Yes</b>	<b>Text/30</b>	Product Code
<b>Order. Products. Product. Description</b>	<b>Yes</b>	<b>Text/255</b>	Product description
<b>Order. Products. Product. BarCode</b>		<b>Text/100</b>	Product Bar code
<b>Order. Products. Product. Quantity</b>	<b>Yes</b>	<b>Integer/10</b>	Product quantity
<b>Order. Products. Product. SalesPrice</b>	<b>Yes</b>	<b>Decimal/10</b>	Product selling price
<b>Order. Products. Product. GST</b>	<b>Yes</b>	<b>Integer/10</b>	GST value
<b>Order. Products. Product. SalesPricesIncludesGST</b>	<b>Yes/No</b>	<b>Decimal/10</b>	Sales price including GST value
<b>Order. Products. Product. Amount</b>	<b>Yes</b>	<b>Decimal/10</b>	Product amount
<b>Order. Products. Product.DangerousGoods</b>	<b>Yes</b>	<b>Text/1</b>	Product Dangerous Indication ( T or F)
<b>Order. Products. Product.MLS</b>	<b>Yes</b>	<b>Integer/10</b>	Product volume
<b>Order. Totals. SubTotal1</b>	<b>Yes</b>	<b>Decimal/10</b>	Product Total amount

<b>Order. Totals. P_H_Cost</b>	<b>Yes</b>	<b>Decimal/10</b>	P H Cost
<b>Order. Totals. P_H_GST</b>	<b>Yes</b>	<b>Integer/10</b>	P H GST
<b>Order. Totals. P_H_IncludesGST</b>	<b>Yes/No</b>	<b>Decimal/10</b>	P H Cost including GST
<b>Order. Totals. SubTotal2</b>	<b>Yes</b>	<b>Decimal/10</b>	Sub Total
<b>Order. Totals. DiscountPercentage</b>	<b>Yes</b>	<b>Integer/10</b>	Discount Percentage
<b>Order. Totals. DiscountAmount</b>	<b>Yes</b>	<b>Decimal/10</b>	Discount Amount
<b>Order. Totals. Total</b>	<b>Yes</b>	<b>Decimal/10</b>	Total Order value
<b>Order.IPAddress</b>	<b>Yes</b>	<b>Text/200</b>	Client system IPAddress
<b>Order.HasDangerousGoods</b>	<b>Yes</b>	<b>Text/1</b>	Order Dangerous indication (T or F)

**Note:** If an argument (field name) is an integer or decimal and not a mandatory, please send "0" as a default value.

### Dispatch Method:

<b>Carrier</b>	<b>Service Type</b>	<b>Description</b>	<b>DispatchMethodCode (Valueinthefield )</b>
AAE	PREPAID	1KG	<b>AAE</b>
AP	AP CD	AP CD	<b>AP CD</b>
AP	AP	Australia Post Melbourne	<b>APM</b>
AP	AP	Standard mail	<b>AP SM</b>
AP	AP	Standard mail NZ	<b>AP SMNZ</b>
AP	AP	Australia Post	<b>AP</b>
Capital	Local	Local-Sydney Metro Courier	<b>CAPL</b>
Capital	Local	Sydney Metro Courier	<b>CAPS</b>
DHL	DHL	Standard mail	<b>DHL SM</b>

EDICarrier	EDICarrier	EDI Carrier	<b>EDI</b>
EP	EP	Direct Access	<b>EP DA</b>
EP	EP	International Airmail	<b>EP IntAir</b>
EP	EP	PARCEL	<b>EP</b>
EP	EP	EP Wine	<b>EP Wine</b>
EP	EP	International Exp Courier	<b>EP IntExp</b>
EP	EP Express Parcel	Express Post Parcel	<b>EP EXP</b>
EP	EP	International Airmail_Manual	<b>EP IntAirMan</b>
EP	EP	Melbourne Parcel	<b>EP MEL</b>
EP	EP	Melbourne Exp Parcel	<b>EP EXPMEL</b>
EP	EP	International Melbourne	<b>EP IntMEL</b>
Extreme	STD	Extreme	<b>EXT</b>
Extreme-Client A/C	Extreme-Client A/C	Extreme-Client A/C	<b>EXTC</b>
FASTWAY NZ	FASTWAY NZ	FASTWAY NZ	<b>FASTWAYNZ</b>
FedExp	FedEx	FedExpress	<b>FEDEXP</b>
FedExp	Fedex Econ	Fedex Econ	<b>FEDEX ECON</b>
LCR	LCR	LCR	<b>LCR</b>
NZ Post	NZ Post	NZ Post standard	<b>NZ PS</b>
NZ Post	NZ Post Courier	NZ Post Courier	<b>NZ PC</b>
NZ TOLL	NZ Toll	NZ Toll	<b>NZ TOLL</b>
QUANTIUM	QUANTIUM	Economy Service	<b>QUAN</b>

ROSS	Express_ROSS	carton	<b>ROSS</b>
STARTRACK EXP	EXP	CTN	<b>STR EXP</b>
STARTRACKDG	STARTRACKDG	CTN	<b>STR DG</b>
TNT	EXPRESS	Carton	<b>TNT EXPCTN</b>
TNT	EXP	Express Economy	<b>TNT EXPECON</b>
TNT	Melbourne Express	Carton	<b>TNT MELCTN</b>
TOLL IPEC	EXPRESS_LS	Carton	<b>TOLL EXPLSCTN</b>
TOLL IPEC	PRIORITY	Carton	<b>TOLL PRICTN</b>
TOLL IPEC	EXPRESS	Carton	<b>TOLL EXPCTN</b>
TOLL IPEC	EXPRESS_Melbourne	Carton	<b>TOLL EXPMELCTN</b>
TOLL IPEC	PRIORITY_Melbourne	Carton	<b>TOLL PRIMELCTN</b>
TOLLDG	TOLLDG	Carton	<b>TOLL DGCTN</b>
EP	EP	PARCEL	<b>AusPost Registered</b>
EP	EP Express Parcel	Express Post Parcel	<b>AusPost Express Post Parcel</b>
STARTRACK EXP	EXP	CTN	<b>STAR Express</b>

## Response:

### 1. Valid

```
<?xml version="1.0" encoding="utf-8"?>
<Request>
<Status>Valid</Status>
<Response>
<ClientCode>NPFDRAPI</ClientCode>
<BatchCode>NPFDRAPI_A1122_06-06-2012</BatchCode>
<SalesOrderNo> NPFDRAPIOrdNo134</SalesOrderNo>
<OrderStatus>Ready for process</OrderStatus>
<NPFOOrderNo>47100</NPFOOrderNo>
</Response>
</Request>
```

### 2. Error

Invalid Dispatch Method Error

```
-----
<?xml version="1.0" encoding="utf-8"?>
<Request>
<Status>Error</Status>
<Response>
<ClientCode>NPFDRAPI</ClientCode>
<SalesOrderNo>ZL109_Test</SalesOrderNo>
<OrderStatus>Error</OrderStatus>
<Errors>
<Error>
<ErrorCode>02009</ErrorCode>
<ErrorDetail>Invalid DispatchMethod</ErrorDetail>
</Error>
</Errors>
</Response>
</Request>
```

Already Imported Error

```
-----
<?xml version="1.0" encoding="utf-8"?>
<Request>
<Status>Error</Status>
<Response>
<ClientCode>NPFDRAPI</ClientCode>
<SalesOrderNo>ZL106</SalesOrderNo>
<OrderStatus>Error</OrderStatus>
<Errors>
<Error>
```

```
<ErrorCode>02005</ErrorCode>
<ErrorDetail>Previously Imported</ErrorDetail>
</Error>
</Errors>
</Response>
</Request>
```

#### Data Missing Error

-----

```
<?xml version="1.0" encoding="utf-8"?>
<Request>
<Status>Error</Status>
<Response>
<ClientCode>NPFDRAPI</ClientCode>
<SalesOrderNo>ZL106_1</SalesOrderNo>
<OrderStatus>Error</OrderStatus>
<Errors>
<Error>
<ErrorCode>02006</ErrorCode>
<ErrorDetail>Data Missing Value</ErrorDetail>
</Error>
</Errors>
</Response>
</Request>
```

#### Invalid Product Code

-----

```
<?xml version="1.0" encoding="utf-8"?>
<Request>
<Status>Error</Status>
<Response>
<ClientCode>NPFDRAPI</ClientCode>
<SalesOrderNo>ZL106_1</SalesOrderNo>
<OrderStatus>Error</OrderStatus>
<Errors>
<Error>
<ErrorCode>02007</ErrorCode>
<ErrorDetail>Invalid Product Code</ErrorDetail>
</Error>
</Errors>
</Response>
</Request>
```

#### Invalid Country

-----

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<Request>
<Status>Error</Status>
<Response>
<ClientCode>NPFDRAPI</ClientCode>
<SalesOrderNo>ZL106_1</SalesOrderNo>
<OrderStatus>Error</OrderStatus>
<Errors>
<Error>
<ErrorCode>02008</ErrorCode>
<ErrorDetail>Invalid Country</ErrorDetail>
</Error>
</Errors>
</Response>
</Request>
```

#### Invalid Postcode

```
-----
<?xml version="1.0" encoding="utf-8"?>
<Request>
<Status>Error</Status>
<Response>
<ClientCode>NPFDRAPI</ClientCode>
<SalesOrderNo>ZL106_1</SalesOrderNo>
<OrderStatus>Error</OrderStatus>
<Errors>
<Error>
<ErrorCode>02014</ErrorCode>
<ErrorDetail>Invalid PostCode</ErrorDetail>
</Error>
</Errors>
</Response>
</Request>
```

#### Invalid Shipping Address

```
-----
<?xml version="1.0" encoding="utf-8"?>
<Request>
<Status>Error</Status>
<Response>
<ClientCode>NPFDRAPI</ClientCode>
<SalesOrderNo>ZL106_1</SalesOrderNo>
<OrderStatus>Error</OrderStatus>
<Errors>
<Error>
<ErrorCode>02004</ErrorCode>
<ErrorDetail>Invalid Shipping Address</ErrorDetail>
</Error>
```

```
</Errors>
</Response>
</Request>
```

#### International Data missing

```
-----
<?xml version="1.0" encoding="utf-8"?>
<Request>
<Status>Error</Status>
<Response>
<ClientCode>NPFDRAPI</ClientCode>
<SalesOrderNo>ZL106_1</SalesOrderNo>
<OrderStatus>Error</OrderStatus>
<Errors>
<Error>
<ErrorCode>02010</ErrorCode>
<ErrorDetail>International Data missing</ErrorDetail>
</Error>
</Errors>
</Response>
</Request>
```

#### Invalid Client Code

```
-----
<?xml version="1.0" encoding="utf-8"?>
<Request>
<Status>Error</Status>
<Response>
<ErrorCode>02002</ErrorCode>
</Response>
</Request>
```

#### Invalid login credentials

```
-----
<?xml version="1.0" encoding="utf-8"?>
<Request>
<Status>Error</Status>
<Response>
<ErrorCode>02003</ErrorCode>
</Response>
</Request>
```

#### Wrong XML Tag

```
-----
<?xml version="1.0" encoding="utf-8"?>
<Request>
```



```

<Status>Error</Status>
<Response>
<ErrorCode>00000</ErrorCode>
</Response>
</Request>

```

Exception

-----

```

<?xml version="1.0" encoding="utf-8"?>
<Request>
<Response>
<Errors>
<Error>
<ErrorCode>99999</ErrorCode>
<ErrorDetail>Internal Server Error - Please try again after sometime</ErrorDetail>
</Error>
</Errors>
</Response>
</Request>

```

### Response Schema:

Argument	Required	Data type / Max Length	Notes
<b>ErrorCode</b>	Yes	Text/10	Error Code
<b>ErrorDetail</b>	Yes	Text/255	Error details
<b>Status</b>	Yes	Text/30	Status of Order without any error
<b>ClientCode</b>	Yes	Text/50	Client Code
<b>BatchCode</b>	Yes	Text/255	Batch code return from OFS
<b>SalesOrderNo</b>	Yes	Text/50	Sales Order Number
<b>OrderStatus</b>	Yes	Text/50	Order Status return from OFS
<b>NPFOrderNo</b>	Yes	Text/50	NPF Order Number return from OFS

## Error Code Reference:

Error Code	Error Message
00000	Invalid XML
99999	Internal Server Error - Please try again after sometime
01001	Invalid Login Credentials
02001	Invalid order count. For multiple order import, use batch order import function ( <b>ImportBatchOrder</b> ).
02002	Invalid Client Code
02003	Invalid Login Credentials
02005	Already imported
02006	Data Missing
02007	Invalid product code
02008	Invalid Country
02009	Invalid Dispatch Method
02010	International Data missing
02011	Handling cost is not defined
03001	Invalid Client Code
03003	One or more orders already exists, Duplicate Order – Order No.
1824	Invalid value for the Element 'Element Name'
04002	Invalid Dispatch Method!
04003	Invalid Post Code
02013	Data length too long

## Order Status Web service \_ Pull Tracking Information

**API URL:** <https://npfonline.com/NPFM/npforderstatus.asmx?wsdl>

**Function:** importorderstatus()

**Overview:** This service method takes login credentials and single/multiple Sales order numbers (comma separated) as input. If login credentials are correct then transaction proceeds further and return latest order status for all comma separated sales ordernumber.

### Request:

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<OrderList>
<Login>
    <Username>NPFDRAPI</Username>
<Password>NPFDRAPI212</Password>
<ClientCode>NPFDRAPI</ClientCode>
</Login>
<Order>
<SalesOrderNo>101,102,103,104,105,106,107</SalesOrderNo>
</Order>
</OrderList>
```

**NOTE:** Client can send multiple sales order numbers as comma separated list in the <SalesOrderNo>tag for which Order Status details required.

## Input Protocols:

Order Status Web Service	Server order
<b>Inputs</b>	<ul style="list-style-type: none"> <li>• Login               <ul style="list-style-type: none"> <li>▪ Username</li> <li>▪ Password</li> <li>▪ Clientcode</li> </ul> </li> <li>• Order               <ul style="list-style-type: none"> <li>▪ SalesOrderNo</li> </ul> </li> </ul> <p>(see Parameter Descriptions section below).</p>
<b>Outputs</b>	<p>On return if login credentials are correct, then it will process all Sales Order Number comma separated and fetch the latest order status result from database. If login credentials fail it will throw error messages.</p>

## Request Schema:

Argument	Required	Data type / Max Length	Notes
Login. Username	Yes	Text/255	Please contact NPF for Username
Login. Password	Yes	Text/255	Please contact NPF for Password
Login. ClientCode	Yes	Text/30	Client Code from FM
Order. SalesOrderNo	Yes	Text/30	Sales Order Numbers separated with comma

## Response:

### 1. Valid

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<OrderList>

<Order>
<ClientCode>NPFDRAPI</ClientCode>
<SalesOrderNo>101</SalesOrderNo>
<NPFOOrderNo>15001</NPFOOrderNo>
<StatusTime>24-Apr-2012 14:52:01</StatusTime>
<OrderStatus>ERROR</OrderStatus>
<Errors>
<Error>
<ErrorCode>02006</ErrorCode>
<ErrorDetail>ShippingAddress_State,
ShippingAddress_Zip</ErrorDetail>
</Error>
<Error>
<ErrorCode>02009</ErrorCode>
<ErrorDetail>DespatchDetails_DespathMethod</ErrorDetail>
</Error>
</Errors>
</Order>

<Order>
<ClientCode>NPFDRAPI</ClientCode>
<SalesOrderNo>102</SalesOrderNo>
<NPFOOrderNo>15002</NPFOOrderNo>
<StatusTime>24-Apr-2012 14:52:20</StatusTime>
<OrderStatus>CANCEL</OrderStatus>
<OrderStatusMessage>Order cancelled by customer</OrderStatusMessage>
</Order>

<Order>
<ClientCode>NPFDRAPI</ClientCode>
<SalesOrderNo>103</SalesOrderNo>
<NPFOOrderNo>15003</NPFOOrderNo>
<StatusTime>24-Apr-2012 14:52:22</StatusTime>
<OrderStatus>HOLD</OrderStatus>
<OrderStatusMessage>Order is in hold - out of city</OrderStatusMessage>
</Order>

<Order>
<ClientCode>NPFDRAPI</ClientCode>
<SalesOrderNo>104</SalesOrderNo>
<NPFOOrderNo>15004</NPFOOrderNo>
<StatusTime>24-Apr-2012 14:52:30</StatusTime>
```

```

<OrderStatus>BACKORDER</OrderStatus>
<Products>
<Product>
<Code>Test001</Code>
<OrderQuantity>1</OrderQuantity>
<BOQuantity>1</BOQuantity>
</Product>
<Product>
<Code>Test002</Code>
<OrderQuantity>2</OrderQuantity>
<BOQuantity>2</BOQuantity>
</Product>
</Products>
</Order>

<Order>
<ClientCode>NPFDRAPI</ClientCode>
<SalesOrderNo>105</SalesOrderNo>
<NPFOOrderNo>15005</NPFOOrderNo>
<StatusTime>24-Apr-2012 14:52:31</StatusTime>
<OrderStatus>PARTIAL BACKORDER</OrderStatus>
<ShipmentDetails>
<Shipment>
<DespatchDate>01-Dec-2011</DespatchDate>
<ManifestNo>12345678</ManifestNo>
<ConsignmentNo>1234545</ConsignmentNo>
<FrieghtCharges>10.25</FrieghtCharges>
<HandlingCharges>11.00</HandlingCharges>
<TrackingLink>www.trackinglink.com?id=104</TrackingLink>
<Products>
<Product>
<Code>Test001</Code>
<Quantity>1</Quantity>
<ClientTrack1></ClientTrack1>
</Product>
<Product>
<Code>Test002</Code>
<Quantity>1</Quantity>
<ClientTrack1></ClientTrack1>
</Product>
</Products>
</Shipment>
</ShipmentDetails>
<BODetails>
<Products>
<Product>
<Code>Test001</Code>
<Quantity>1</Quantity>
</Product>

```

```
<Product>
<Code>Test002</Code>
<Quantity>2</Quantity>
</Product>
</Products>
</BODetails>
</Order>
```

```
<Order>
<ClientCode>NPFDRAPI</ClientCode>
<SalesOrderNo>106</SalesOrderNo>
<NPFOOrderNo>15006</NPFOOrderNo>
<StatusTime>24-Apr-2012 14:53:00</StatusTime>
<OrderStatus>SHIPPED</OrderStatus>
<ShipmentDetails>
<Shipment>
<DespatchDate>01-Dec-2011</DespatchDate>
<ManifestNo>12345678</ManifestNo>
<ConsignmentNo>1234545</ConsignmentNo>
<FrieghtCharges>10.25</FrieghtCharges>
<HandlingCharges>11.00</HandlingCharges>
<TrackingLink>www.trackinglink.com?id=104</TrackingLink>
<Carrier>ShippingCarrier</Carrier>
<DispatchMethod>Free Shipping</DispatchMethod>
<Products>
<Product>
<Code>Test001</Code>
<Quantity>1</Quantity>
<Client Track1></Client Track1>
</Product>
<Product>
<Code>Test002</Code>
<Quantity>1</Quantity>
<Client Track1></Client Track1>
</Product>
</Products>
</Shipment>
</ShipmentDetails>
</Order>
```

```
<Order>
<ClientCode>NPFDRAPI</ClientCode>
<SalesOrderNo>107</SalesOrderNo>
<OrderStatusMessage>Sorry, No details available!</OrderStatusMessage>
</Order>
</OrderList>
```

## 2. Error

```
<?xml version="1.0" encoding="utf-8"?>
<Request>
  <Response>
    <Errors>
      <Error>
        <ErrorCode>01001</ErrorCode>
        <ErrorDetail>Invalid Login credentials</ErrorDetail>
      </Error>
    </Errors>
  </Response>
</Request>
```

```
<?xml version="1.0" encoding="utf-8"?>
<Request>
  <Response>
    <Errors>
      <Error>
        <ErrorCode>03001</ErrorCode>
        <ErrorDetail>Invalid Client Code</ErrorDetail>
      </Error>
    </Errors>
  </Response>
</Request>
```

```
<?xml version="1.0" encoding="utf-8"?>
<Request>
  <Response>
    <Errors>
      <Error>
        <ErrorCode>99999</ErrorCode>
        <ErrorDetail>Internal Server Error - Please try again after sometime</ErrorDetail>
      </Error>
    </Errors>
  </Response>
</Request>
```



## Order Status List:

Order Status	Description
<b>ERROR</b>	Returns error code and error details for all error of xml content input
<b>CANCEL</b>	Return Cancel Order with reason in status message
<b>HOLD</b>	Return Hold Order with reason in status message
<b>BACKORDER</b>	Return Back Order status for the order having Out of Stock products
<b>PARTIAL BACKORDER</b>	Returns Partial Back Order for the order having partial shipped products with shipment details and partial back order products
<b>SHIPPED</b>	Return Shipped status with shipment details
<b>Details not available for requested SalesOrderNo</b>	Return "Sorry, No details available!" as Order Status Message

## Response Schema:

Argument	Required	Data type / Max Length	Notes
<b>ErrorCode</b>	<b>Yes</b>	<b>Text/10</b>	Error Code
<b>ErrorDetail</b>	<b>Yes</b>	<b>Text/255</b>	Error details
<b>Order. ClientCode</b>	<b>Yes</b>	<b>Text/30</b>	Client Code from OFS
<b>Order. SalesOrderNo</b>	<b>Yes</b>	<b>Text/30</b>	Sales Order Number
<b>Order. NPFOOrderNo</b>	<b>Yes</b>	<b>Text/30</b>	NPF Order Number
<b>Order. StatusTime</b>	<b>Yes</b>	<b>Date</b>	Status Date Time
			(dd – mon – yyyy hh:ii:ss) format is must
<b>Order. OrderStatus</b>	<b>Yes</b>	<b>Text/100</b>	Order Status
<b>Order. OrderStatusMessage</b>	<b>Yes</b>	<b>Text/255</b>	Order Status message

<b>Order.Errors.Error.ErrorCode</b>	<b>Yes</b>	<b>Text/30</b>	Error Code if Order Status is ERROR
<b>Order.Errors.Error.ErrorDetail</b>	<b>Yes</b>	<b>Text/255</b>	Error Details if Order Status is ERROR
<b>Order.Products.Product.Code</b>	<b>Yes</b>	<b>Text/50</b>	Product Code if Order Status is BACKORDER
<b>Order.Products.Product.OrderQuantity</b>	<b>Yes</b>	<b>Text/50</b>	Order Quantity if Order Status is BACKORDER
<b>Order.Products.Product.BOQuantity</b>	<b>Yes</b>	<b>Text/50</b>	Back Order Quantity if Order Status is BACKORDER
<b>Order.ShipmentDetails.Shipment.DispatchDate</b>	<b>Yes</b>	<b>Date</b>	Dispatch Date (dd – mon – yyyy) format is must if Order Status is PARTIAL BACKORDER orSHIPPED
<b>Order.ShipmentDetails.Shipment.ManifestNo</b>	<b>Yes</b>	<b>Text/50</b>	Shipment Manifest Number if Order Status is PARTIAL BACKORDER orSHIPPED
<b>Order.ShipmentDetails.Shipment.ConsignmentNo</b>	<b>Yes</b>	<b>Text/50</b>	Shipment Consignment Number if Order Status is PARTIAL BACKORDER orSHIPPED
<b>Order.ShipmentDetails.Shipment.FreightCharges</b>	<b>Yes</b>	<b>Text/50</b>	Shipment Freight Charges if Order Status is PARTIAL BACKORDER orSHIPPED
<b>Order.ShipmentDetails.Shipment.HandlingCharges</b>	<b>Yes</b>	<b>Text/50</b>	Shipment Handling Charges if Order Status is PARTIAL BACKORDER orSHIPPED
<b>Order.ShipmentDetails.Shipment.TrackingLink</b>	<b>Yes</b>	<b>Text/255</b>	Shipment Tracking Link if Order Status is PARTIAL BACKORDER orSHIPPED
<b>Order.ShipmentDetails.Shipment.Carrier</b>	<b>Yes</b>	<b>Text/255</b>	On request to NPF we send the order carrier name which we dispatch the order
<b>Order.ShipmentDetails.Shipment.DispatchMethod</b>	<b>Yes</b>	<b>Text/255</b>	On request to NPF we send the dispatch method used for this order.
<b>Order.ShipmentDetails.Shipment.Products.Product.Code</b>	<b>Yes</b>	<b>Text/50</b>	Shipment Product Code if Order Status is PARTIAL BACKORDER orSHIPPED
<b>Order.ShipmentDetails.Shipment.Products.Product.Quantity</b>	<b>Yes</b>	<b>Text/50</b>	Shipment Product Quantity if Order Status is PARTIAL BACKORDER orSHIPPED
<b>Order.ShipmentDetails.Shipment.Products.Product.ClientTrack1</b>	<b>Yes/No</b>	<b>Text/50</b>	Shipment Additional Product details (such as Serial number, IMEI Number, Expiry date) if Order Status is PARTIAL BACKORDER orSHIPPED
<b>Order.BODetails.Products.Product.Code</b>	<b>Yes</b>	<b>Text/50</b>	Back Order Product Code if Order Status is PARTIAL BACKORDER

<b>Order.BODetails.Products. Product. Quantity</b>	<b>Yes</b>	<b>Text/50</b>	Back Order Product Quantity if Order Status is PARTIAL BACKORDER
--	------------	----------------	--

### Error Code Reference:

<b>Error Code</b>	<b>Error Message</b>
<b>00000</b>	Invalid XML
<b>99999</b>	Internal Server Error - Please try again after sometime
<b>01001</b>	Invalid Login Credentials
<b>03001</b>	Invalid Client Code

## Cancel Order Web service

Cancel an order from NPF

**API URL:** <https://npfonline.com/NPFM/npforderstatus.asmx?wsdl>

**Function:** CancelOrder(string StrXMLOrder)

### Credentials:

XML Node	Description	Test Value
<Username>	User Name	NPFDRAPI
<Password>	Password	NPFDRAPI212
<ClientCode>	Client Code	NPFDRAPI
<LoginUserName>	Login User Name	NPFON@npf

**Overview:** This method is used for canceling the order. This service takes login credentials and singleorder and reason as input for processing. If login credentials are validated transaction proceeds further and returns status as 'Cancel' along with sale order number and order status message. Request fields are mandatory.

### Request:

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<cancelorder>
  <login>
    <username>NPFDRAPI</username>
    <password>NPFDRAPI212</password>
    <clientcode>NPFDRAPI</clientcode>
    <loginusername>NPFON@npf</loginusername>
  </login>
  <order>
    <saleorderno>RT-123456</saleorderno>
    <cancelreason>Testing</cancelreason>
  </order>
</cancelorder>
```

## Input Protocols:

Cancel Order Web Service	Server order
<b>Inputs</b>	<ul style="list-style-type: none"> <li>• Login               <ul style="list-style-type: none"> <li>▪ Username</li> <li>▪ Password</li> <li>▪ Clientcode</li> <li>▪ Loginusername</li> </ul> </li> <li>• Order               <ul style="list-style-type: none"> <li>▪ SalesOrderNo</li> <li>▪ CancelReason</li> </ul> </li> </ul>
<b>Outputs</b>	<p>On return if login credentials are correct, then it will check the order status, if the order is either in error, valid or ready for process then the order will be cancelled else order will not cancel. If login credentials fail it will throw error messages.</p>

## Request Schema:

Argument	Required	Data type / Max Length	Notes
Login. Username	Yes	Text/255	Please contact NPF for Username
Login. Password	Yes	Text/255	Please contact NPF for Password
Login. ClientCode	Yes	Text/30	Client Code from OFS
Login. LoginUserName	Yes	Text/30	Kiosk Login username
Order. SalesOrderNo	Yes	Text/30	Sales Order Number
Order. CancelReason	Yes	Text/255	Order Cancel Reason

## Response:

### ❖ Valid

```
<?xml version="1.0" encoding="ISO-8859-1"?>
  <order>
    <status>Cancel</status>
    <cancel>
      <clientcode>NPFDRAPI</clientcode>
      <salesorderno>RT-123456</salesorderno>
      <npforderno>0</npforderno>
      <orderstatusmessage>Order cancelled successfully</orderstatusmessage>
    </cancel>
  </order>
```

### ❖ Error

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<request>
  <status>Error</status>
  <response>
    <error>
      <errorcode>04001</errorcode>
      <errordetail>Shipped status order cannot be cancel</errordetail>
    </error>
  </response>
</request>
```

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<request>
  <status>Error</status>
<response>
<error>
<errorcode>11100</errorcode>
<errordetail>Invalid order</errordetail>
</error>
</response>
</request>
```

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<request>
<status>Error</status>
<response>
<error>
<errorcode>01003</errorcode>
<errordetail>Invalid login username</errordetail>
</error>
</response>
</request>
```

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<request>
<status>Error</status>
<response>
<error>
<errorcode>02020</errorcode>
<errordetail>Invalid user for client</errordetail>
</error>
</response>
</request>

```

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<request>
<status>Error</status>
<response>
<error>
<errorcode>99999</errorcode>
<errordetail>Internal server error – please try again after sometime</errordetail>
</error>
</response>
</request>

```

### Response Schema:

Argument	Required	Data type / Max Length	Notes
<b>ErrorCode</b>	<b>Yes</b>	<b>Text/10</b>	Error Code
<b>ErrorDetail</b>	<b>Yes</b>	<b>Text/255</b>	Error details
<b>Status</b>	<b>Yes</b>	<b>Text/30</b>	Status of Order without any error
<b>ClientCode</b>	<b>Yes</b>	<b>Text/50</b>	Client Code
<b>SalesOrderNo</b>	<b>Yes</b>	<b>Text/50</b>	Sales Order Number
<b>NPFOrderNo</b>	<b>Yes</b>	<b>Text/50</b>	NPF Order Number return from OFS
<b>OrderStatusMessage</b>	<b>Yes</b>	<b>Text/50</b>	Order success status message

## Error Code Reference:

Error Code	Error Message
00000	Invalid XML
99999	Internal Server Error – Please try again after sometime
01001	Invalid Login Credentials
11100	Invalid Order
01003	Invalid login username
02020	Invalid user for client
02006	Data Missing Error
04001	<shipped> status order cannot be cancel
03001	Invalid Client Code



## Stock On Hand Web service

Pull available stock on hand from NPF

**API URL:** <https://npfonline.com/NPFM/FMSohAPI.asmx?wsdl>

### Function:

1. importsoh()
2. AvailableSOH()

### 1. importsoh()

### Credentials:

XML Node	Description	Test Value
<Username>	User Name	NPFDRAPI
<Password>	Password	NPFDRAPI212
<ClientCode>	Client Code	NPFDRAPI

**Overview:** This service method takes login credentials and \* as input to get all the products stocks. If login credentials are correct then transaction proceeds further and returns latest Products “Stock on Hand” status for all product codes.

### Request:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<ProductList>
<Login>
<Username>NPFDRAPI</Username>
<Password>NPFDRAPI212</Password>
<ClientCode>NPFDRAPI</ClientCode>
</Login>
<Product>
<ProductCode>*</ProductCode>
</Product>
</ProductList>
```

## Input Protocols:

Order Status Web Service	Serverorder
<b>Inputs</b>	<ul style="list-style-type: none"> <li>• Login               <ul style="list-style-type: none"> <li>▪ Username</li> <li>▪ Password</li> <li>▪ Clientcode</li> </ul> </li> <li>• Product               <ul style="list-style-type: none"> <li>▪ ProductCode</li> </ul> </li> </ul> <p>(see Parameter Descriptions section below).</p>
<b>Outputs</b>	<p>If login credentials are correct, then it will process all Product Code and fetch the latest Product “Stock on Hand” status result from database. If login credentials fail the service will return error messages.</p>

## Request Schema:

Argument	Required	Data type / Max Length	Notes
Login.Username	Yes	Text/255	Please contact NPF for Username
Login.Password	Yes	Text/255	Please contact NPF for Password
Login.ClientCode	Yes	Text/30	Client Code from OFS
Product.ProductCode	Yes	Text/30	* denotes for all product codes

## Response:

### ❖ Valid

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
  <ProductList>
    <ClientCode>NPFDRAPI</ClientCode>
    <Product>
      <ProductCode>I001</ProductCode>
      <StockonHand>90</StockonHand>
    </Product>
    <Product>
      <ProductCode>I002</ProductCode>
      <StockonHand>20</StockonHand>
    </Product>
    <Product>
      <ProductCode>I003</ProductCode>
      <StockonHand>15</StockonHand>
    </Product>
    <Product>
      <ProductCode>I004</ProductCode>
      <StockonHand>30</StockonHand>
    </Product>
    <Product>
      <ProductCode>I005</ProductCode>
      <StockonHand>Sorry, No details available!</StockonHand>
    </Product>
  </ProductList>
```

### ❖ Error

```
<?xml version="1.0" encoding="utf-8" ?>
<Request>
  <Response>
    <Errors>
      <Error>
        <ErrorCode>01001</ErrorCode>
        <ErrorDetail>Invalid Login credentials</ErrorDetail>
      </Error>
    </Errors>
  </Response>
</Request>
```

```
<?xml version="1.0" encoding="utf-8" ?>
<Request>
  <Response>
```

```

    <Errors>
      <Error>
        <ErrorCode>03001</ErrorCode>
        <ErrorDetail>Invalid Client Code</ErrorDetail>
      </Error>
    </Errors>
  </Response>
</Request>

```

```

<?xml version="1.0" encoding="utf-8"?>
<Request>
  <Response>
    <Errors>
      <Error>
        <ErrorCode>99999</ErrorCode>
        <ErrorDetail>Internal Server Error – Please try again after sometime</ErrorDetail>
      </Error>
    </Errors>
  </Response>
</Request>

```

## Response Schema:

Argument	Required	Data type / Max Length	Notes
<b>ErrorCode</b>	<b>Yes</b>	<b>Text/10</b>	Error Code
<b>ErrorDetail</b>	<b>Yes</b>	<b>Text/255</b>	Error details
<b>ClientCode</b>	<b>Yes</b>	<b>Text/30</b>	Client Code from OFS
<b>Product.ProductCode</b>	<b>Yes</b>	<b>Text/30</b>	Product Code
<b>Product.StockOnHand</b>	<b>Yes</b>	<b>Text/255</b>	Product Stock on Hand

## Error Code Reference:

Error Code	Error Message
00000	Invalid XML
99999	Internal Server Error – Please try again after sometime
01001	Invalid Login Credentials
03001	Invalid Client Code

## 2. AvailableSOH()

**Overview:** This service method takes login credentials and \* as input to get all the products stocks. If login credentials are correct then transaction proceeds further and returns latest Products“ Available Stock on Hand” status for all product codes.

### Request:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<ProductList>
<Login>
<Username>NPFDRAPI</Username>
<Password>NPFDRAPI212</Password>
<ClientCode>NPFDRAPI</ClientCode>
</Login>
<Product>
<ProductCode>*</ProductCode>
</Product>
</ProductList>
```

## Response:

### ❖ Valid

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
  <ProductList>
    <ClientCode>NPFDRAPI</ClientCode>
    <Product>
      <ProductCode>I001</ProductCode>
      <StockonHand>90</StockonHand>
    </Product>
    <Product>
      <ProductCode>I002</ProductCode>
      <StockonHand>20</StockonHand>
    </Product>
    <Product>
      <ProductCode>I003</ProductCode>
      <StockonHand>15</StockonHand>
    </Product>
    <Product>
      <ProductCode>I004</ProductCode>
      <StockonHand>30</StockonHand>
    </Product>
    <Product>
      <ProductCode>I005</ProductCode>
      <StockonHand>Sorry, No details available!</StockonHand>
    </Product>
  </ProductList>
```

### ❖ Error

```
<?xml version="1.0" encoding="utf-8" ?>
<Request>
  <Response>
    <Errors>
      <Error>
        <ErrorCode>01001</ErrorCode>
        <ErrorDetail>Invalid Login credentials</ErrorDetail>
      </Error>
    </Errors>
  </Response>
</Request>
```

```
<?xml version="1.0" encoding="utf-8" ?>
<Request>
  <Response>
    <Errors>
```

```
        <Error>
        <ErrorCode>03001</ErrorCode>
        <ErrorDetail>Invalid Client Code</ErrorDetail>
        </Error>
    </Errors>
</Response>
</Request>
```

```
<?xml version="1.0" encoding="utf-8"?>
<Request>
    <Response>
        <Errors>
            <Error>
                <ErrorCode>99999</ErrorCode>
                <ErrorDetail>Internal Server Error – Please try again after sometime</ErrorDetail>
            </Error>
        </Errors>
    </Response>
</Request>
```

## Inbound Web service \_ Send Inbound Information

**API URL:** [https://npfonline.com/NPFM/FMInboundAPI\\_V2.asmx?wsdl](https://npfonline.com/NPFM/FMInboundAPI_V2.asmx?wsdl)

### Functions:

1. Import\_Inbound\_V2()
2. Import\_Multiple\_Inbound\_V2()

### 1) Import\_Inbound\_V2()

**Overview:** This method is used for placing Inbound. This service takes login credentials and single inbound as input for Entering. If login credentials are validated transaction proceeds further and returns status as 'Valid' along with Booking Reference No and Confirmation Status .

**Note:** Please use same API URL for test. While testing please use the below test client code and credentials. When you go live, please contact NPF for user credentials and client code.

XML Node	Description	Test Value
<Username	User Name	NPFDRAPI
<Password>	Password	NPFDRAPI212
<ClientCode>	Client Code	NPFDRAPI

### Request:

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<Inbound>
```

```
<Login>
```

```
<UserName>NPFDRAPI</UserName>
```

```
<Password>NPFDRAPI212</Password>
```

```
</Login>
```

```
<InboundDetail>
```

```
<ClientCode>NPFDRAPI</ClientCode>
```



<PONo>2506407</PONo>  
<BookedDate>2019-Apr-17</BookedDate>  
<DeliveryDate>2019-Apr-21</DeliveryDate>  
<DeliveryType>1</DeliveryType>  
<PalletType>C</PalletType>  
<NoofPallets>2</NoofPallets>  
<VesselNumber></VesselNumber>

<Supplier>  
<Name>Ram</Name>  
<Email>info@marinamirage.com</Email>  
<Phone>9566657686</Phone>  
<Country>Australia</Country>  
<State>QLD</State>  
<City></City>  
<AdditionalInfo>Mathew</AdditionalInfo>  
</Supplier>

<Items>  
<Item>  
<Code>1001</Code>  
<Description>Item One</Description>  
<AlternateItemCode></AlternateItemCode>  
<Quantity>4</Quantity>  
<Weight>0.5</Weight>  
<Length>10</Length>  
<Width>7</Width>  
<Height>2.5</Height>  
<Price>10.5</Price>  
<QtyperInner>2</QtyperInner>  
<QtyperCase>3</QtyperCase>  
<Additioninfo1></Additioninfo1>  
<Additioninfo2></Additioninfo2>

</Item>

</Items>

</InboundDetail>

</Inbound>

## Input Protocols:

Inbound Web Service	Serverorder
<p><b>Inputs</b></p>	<ul style="list-style-type: none"> <li>❖ Login</li> <li>❖ Username</li> <li>❖ Password</li> <li>❖ Clientcode</li> <li>❖ InboundDetail</li> <li>❖ PONO</li> <li>❖ BookedDate</li> <li>❖ DeliveryDate</li> <li>❖ DeliveryType</li> <li>❖ PalletType</li> <li>❖ NoofPallets</li> <li>❖ VesselNumber</li> <li>❖ Supplier               <ul style="list-style-type: none"> <li>▪ Name</li> <li>▪ Email</li> <li>▪ Phone</li> <li>▪ Country</li> <li>▪ State</li> <li>▪ City</li> <li>▪ AdditionalInfo</li> </ul> </li> <li>❖ Items               <ul style="list-style-type: none"> <li>▪ Item</li> <li>▪ Code</li> <li>▪ Description</li> <li>▪ AlternateltemCode</li> <li>▪ Quantity</li> <li>▪ Weight</li> <li>▪ Length</li> <li>▪ Width</li> <li>▪ Height</li> <li>▪ Price</li> <li>▪ QtyperInner</li> <li>▪ QtyperCase</li> <li>▪ Additioninfo1</li> <li>▪ Additioninfo2</li> </ul> </li> </ul> <p>(see Parameter Descriptions section below).</p>
<p><b>Outputs</b></p>	<p>Return status will be “Valid” meaning it is successful or “Invalid” piped with the particular Error Message(s) if it has failed. It will also return Clientcode on successful login along with Booking Reference No and its Confirmation status.</p>

## Request Schema:

Argument	Required	Data type / Max Length	Notes
Login. Username	Yes	Text/255	Please contact NPF for Username
Login. Password	Yes	Text/255	Please contact NPF for Password
Login. ClientCode	Yes	Text/30	Client Code from NPF
Inbound. PONO	Yes	Text/30	Purchase Order No
Inbound. BookedDate	Yes	Date	Inbound Booked Date (yyyy- mon - dd) format is must Example 2019-Apr-17
Inbound. DeliveryDate	Yes	Date	Inbound Delivery Date (yyyy- mon - dd) format is must Example 2019-Apr-22
Inbound. DeliveryType	Yes	Integer/10	Delivery Type 1 - Container Delivery - 20ftPalletized 2 - Container Delivery - 20ft loosecartons 3 - Container Delivery - 40ftPalletized 4 - Container Delivery - 40ft loosecartons 5 -Pallet/Cartons Delivery
Inbound. PalletType	Yes/No	Text/30	If Delivey type is 1,3,5 then this is required field  C - Chep  H - Hardwood  L - Ioscam
Inbound. NoofPallets	Yes/No	Text/255	If Delivey type is 1,3,5 then this is required field , Total No of Pallets which is going to send in this inbound.

<b>Inbound.VesselNumber</b>	<b>No</b>	<b>Text/50</b>	Vessel number (MMSI number)
<b>Inbound. Supplier. Name</b>	<b>Yes</b>	<b>Text/50</b>	Supplier Name
<b>Inbound. Supplier. Email</b>	<b>No</b>	<b>Text/255</b>	Supplier Email
<b>Inbound. Supplier. Phone</b>	<b>No</b>	<b>Text/50</b>	Supplier Phone
<b>Inbound. Supplier. Country</b>	<b>No</b>	<b>Text/50</b>	Supplier Country
<b>Inbound. Supplier. State</b>	<b>Yes/No</b>	<b>Text/10</b>	State is mandatory for Australia and it's optional for other countries
<b>Inbound. Supplier. City</b>	<b>No</b>	<b>Text/200</b>	Supplier city name is optional
<b>Inbound. Supplier. AdditionalInfo</b>	<b>No</b>	<b>Text/40</b>	Any other info about the supplier
<b>Inbound. Items. Item. Code</b>	<b>Yes</b>	<b>Text/30</b>	Item Code
<b>Inbound. Items. Item. Description</b>	<b>Yes</b>	<b>Text/255</b>	Item description
<b>Inbound. Items. Item. AlternateItemCode</b>	<b>Yes</b>	<b>Text/255</b>	Item Alternate code
<b>Inbound. Items. Item. Quantity</b>	<b>Yes</b>	<b>Integer/10</b>	Item quantity
<b>Inbound. Items. Item. Weight</b>	<b>No</b>	<b>Decimal/10</b>	Item Weight
<b>Inbound. Items. Item. Length</b>	<b>No</b>	<b>Decimal/10</b>	Item Length
<b>Inbound. Items. Item. Width</b>	<b>No</b>	<b>Decimal/10</b>	Item Width
<b>Inbound. Items. Item. Height</b>	<b>No</b>	<b>Decimal/10</b>	Item Height
<b>Inbound. Items. Item. Price</b>	<b>No</b>	<b>Decimal/10</b>	Item Price
<b>Inbound. Items. Item. QtyperInner</b>	<b>No</b>	<b>Decimal/10</b>	Item quantity

<b>Inbound. Items. Item. QtyperCase</b>	<b>No</b>	<b>Decimal/10</b>	Total quantity per case
<b>Inbound. Items. Item. Additioninfo1</b>	<b>No</b>	<b>Text/500</b>	Additional Information about the item
<b>Inbound. Items. Item.</b>	<b>No</b>	<b>Text/500</b>	Additional Information about the item
<b>Additioninfo2</b>			

**Note:** If an argument (field name) is an integer or decimal and not a mandatory, please send "0" as a default value.

## Response:

### 1. Valid

```
<?xml version="1.0" encoding="utf-8"?>
<Request>
<Status>Valid</Status>
<Response>
<ClientCode>NPFDRAPI</ClientCode>
<BookingReferenceNo>NPFDRAPI00044</BookingReferenceNo>
<PONo>2506407</PONo>
<InboundStatus>Pending</InboundStatus>
</Response>
</Request>
```

### 2. Error

```
<?xml version="1.0" encoding="utf-8"?>
<Request>
```

```

<Response>
  <Errors>
    <Error>
      <ErrorCode>01001</ErrorCode>
      <ErrorDetail>Invalid Login credentials</ErrorDetail>
    </Error>
  </Errors>
</Response>
</Request>

```

### Response Schema:

Argument	Required	Data type / Max Length	Notes
ErrorCode	Yes	Text/10	Error Code
ErrorDetail	Yes	Text/255	Error details
Status	Yes	Text/30	Status of Inbound whether its a valid or error.
ClientCode	Yes	Text/50	Client Code
BookingReferenceNo	Yes	Text/255	BookingReference return from OFS
PONo	Yes	Text/50	Purchase Order Number
InboundStatus	Yes	Text/50	Order Status return from OFS

## Error Code Reference:

Error Code	Error Message
00000	Invalid XML
99999	Internal Server Error - Please try again after sometime
01001	Invalid Login Credentials
04001	Data Missing
04002	Invalid Delivery Date
04003	Invalid Booked Date
04004	Invalid Qty
04005	Invalid Pallet Type
04006	Invalid Pallet Count

Note : Invalid Delivery Date will occur in the following cases

- Delivery Dates in Weekends
- Delivery type is 1 - 4 and delivery date is within 48 hrs from bookingdate
- Delivery type is 1 - 4 and delivery date is already booked for delivery type 1 - 4 on the same Delivery date

## 2) Import\_Multiple\_Inbound\_V2()

**Overview:** This method is used for placing Multiple Inbound. This service takes login credentials and multiple inbound as input for Entering. If login credentials are validated transaction proceeds further and returns status as 'Valid' along with Booking Reference No and Confirmation Status .

**Note:** Please use same API URL for test. While testing please use the below test client code and credentials. When you go live, please contact NPF for user credentials and client code.



XML Node	Description	Test Value
<Username	User Name	NPFDRAPI
<Password>	Password	NPFDRAPI212
<ClientCode>	Client Code	NPFDRAPI

## Request :

```

<?xml version="1.0" encoding="UTF-8"?>
<Inbound>
  <Login>
    <UserName>NPFDRAPI</UserName>
    <Password>NPFDRAPI212</Password>
  </Login>
  <InboundDetail>
    <ClientCode>NPFDRAPI</ClientCode>
    <PONo>20150516</PONo>
    <BookedDate>2015-May-15</BookedDate>
    <DeliveryDate>2015-May-20</DeliveryDate>
    <DeliveryType>1</DeliveryType>
    <PalletType>C</PalletType>
    <NoofPallets>1</NoofPallets>
    <VesselNumber>367355490</VesselNumber>
    <Supplier>
      <Name>TCT</Name>
      <Email>selvakumarganesan@templecitytech.com</Email>
      <Phone>9566657686</Phone>
    </Supplier>
  </InboundDetail>
</Inbound>

```

```
<Country>Australia</Country>
<State>QLD</State>
<City></City>
<AdditionalInfo>Mathew</AdditionalInfo>
</Supplier>

<Items>
  <Item>
    <Code>1001</Code>
    <Description>Item One</Description>
    <AlternateItemCode></AlternateItemCode>
    <Quantity>4</Quantity>
    <Weight>0</Weight>
    <Length>0</Length>
    <Width>0</Width>
    <Height>0</Height>
    <Price>0</Price>
    <QtyperInner>0</QtyperInner>
    <QtyperCase>0</QtyperCase>
    <Additioninfo1></Additioninfo1>
    <Additioninfo2></Additioninfo2>
  </Item>
</Items>

</InboundDetail>
<InboundDetail>
  <ClientCode>NPFDRAPI</ClientCode>
  <PONo>20150517</PONo>
```

<BookedDate>2015-May-18</BookedDate>  
<DeliveryDate>2015-May-21</DeliveryDate>  
<DeliveryType>1</DeliveryType>  
<PalletType>C</PalletType>  
<NoofPallets>1</NoofPallets>  
<VesselNumber></VesselNumber>  
<Supplier>  
    <Name>NPF</Name>  
    <Email>Dinesh@templecitytech.com</Email>  
    <Phone>9566657686</Phone>  
    <Country>Australia</Country>  
    <State>QLD</State>  
    <City>ABBEYWOOD</City>  
    <AdditionalInfo>Mathew</AdditionalInfo>  
</Supplier>  
<Items>  
    <Item>  
        <Code>1015</Code>  
        <Description>Item One</Description>  
        <AlternateItemCode></AlternateItemCode>  
        <Quantity>5</Quantity>  
        <Weight>0</Weight>  
        <Length>0</Length>  
        <Width>0</Width>  
        <Height>0</Height>

```
<Price>0</Price>
<QtyperInner>0</QtyperInner>
<QtyperCase>0</QtyperCase>
<Additioninfo1></Additioninfo1>
<Additioninfo2></Additioninfo2>
</Item>
<Item>
  <Code>1001</Code>
  <Description>Item One</Description>
  <AlternateItemCode></AlternateItemCode>
  <Quantity>2</Quantity>
  <Weight>0</Weight>
  <Length>0</Length>
  <Width>0</Width>
  <Height>0</Height>
  <Price>0</Price>
  <QtyperInner>0</QtyperInner>
  <QtyperCase>0</QtyperCase>
  <Additioninfo1></Additioninfo1>
  <Additioninfo2></Additioninfo2>
</Item>
</Items>
</InboundDetail>
</Inbound>
```

## Response:

### 1. Valid

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<Request>
```

```
<Response>
```

```
<InboundDetails>
```

```
  <PONO>20150516</PONO>
```

```
  <Status>Valid</Status>
```

```
  <Response>
```

```
    <ClientCode>NPFDRAPI</ClientCode>
```

```
    <BookingReferenceNo>NPFDRAPI0001</BookingReferenceNo>
```

```
    <PONO>20150516</PONO>
```

```
    <InboundStatus>Pending</InboundStatus>
```

```
  </Response>
```

```
</InboundDetails>
```

```
<InboundDetails>
```

```
  <PONO>20150517</PONO>
```

```
  <Status>Valid</Status>
```

```
  <Response>
```

```
    <ClientCode>NPFDRAPI</ClientCode>
```

```
    <BookingReferenceNo>NPFDRAPI0002</BookingReferenceNo>
```

```
    <PONO>20150517</PONO>
```

```
    <InboundStatus>Pending</InboundStatus>
```

```
  </Response>
```

</InboundDetails>

</Response>

</Request>

## 2. Error

<?xml version="1.0" encoding="utf-8"?>

<Request>

<Response>

<InboundDetails>

<PONo>20150516</PONo>

<Status>Valid</Status>

<Response>

<ClientCode>NPFDRAPI</ClientCode>

<BookingReferenceNo>NPFDRAPI0001</BookingReferenceNo>

<PONo>20150516</PONo>

<InboundStatus>Pending</InboundStatus>

</Response>

</InboundDetails>

<InboundDetails>

<PONo>20150517</PONo>

<Status>Error</Status>

<Response>

<Errors>

<Error>

<ErrorCode>04003</ErrorCode>

```
        <ErrorDetail>Invalid Booking Date</ErrorDetail>
    </Error>
    <Error>
        <ErrorCode>04002</ErrorCode>
        <ErrorDetail>Invalid Delivery Date</ErrorDetail>
    </Error>
</Errors>
</Response>
</InboundDetails>
</Response>
</Request>
```

**OldVersion No.:** 1.8

**New Version No.:** 2.0

**Updated Date:** 22-Apr-2019

**What is new:** Included the topic "Cancel Order Web service" (This method is used for canceling the Order)

**Updated by:** Ramkumar

**Verified by:** Tech Team

**Requested by:** Jey K