

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**
- 6. Inbound Status Pulling**

Index

| | |
|-------------------------------------|-----------|
| OrderWebService | 5 |
| API URL : | 5 |
| Function : | 5 |
| Overview : | 5 |
| Request : | 5 |
| Input Protocols : | 7 |
| Request Schema : | 8 |
| | |
| Dispatch Method : | 11 |
| Response : | 14 |
| Response Schema : | 18 |
| ErrorCodeReference | 19 |
| | |
| Order StatusWebService | 20 |
| API URL : | 20 |
| Function : | 20 |
| Overview : | 20 |
| Request : | 20 |
| Input Protocols : | 21 |
| Request Schema : | 21 |
| Response : | 22 |
| Valid : | 22 |
| Error : | 25 |
| | |
| Order Status List : | 26 |
| Response Schema : | 26 |
| ErrorCodeReference | 28 |
| | |
| Cancel OrderWebService | 29 |
| API URL : | 29 |
| Function : | 29 |
| Overview : | 29 |
| Request : | 29 |
| Input Protocols : | 30 |

| | | | |
|--------------------------------|----------|--------------|-----------|
| Request Schema | : | | 30 |
| Response | : | | 31 |
| Valid | : | | 31 |
| Error | : | | 31 |
| Response Schema | : | | 32 |
| ErrorCodeReference | | | 33 |
| Stock On HandWebService | | | 34 |
| APIURL | | | 34 |
| Function | : | | 34 |
| Credentials | : | | 34 |
| Overview | : | | 34 |
| Request | : | | 34 |
| Input Protocols | : | | 35 |
| Request Schema | : | | 35 |
| Response | : | | 36 |
| Valid | : | | 36 |
| Error | : | | 36 |
| ResponseSchema | | | 37 |
| ErrorCodeReference | | | 38 |
| Available SOH | | | 38 |
| Request | | | 38 |
| Response | | | 39 |
| InboundWebservice | | | 41 |
| API URL | : | | 41 |
| Function | : | | 41 |
| Overview | : | | 41 |
| Request | : | | 41 |
| Input Protocols | : | | 44 |
| Request Schema | : | | 45 |
| Response | : | | 47 |
| Valid | : | | 47 |
| Error | : | | 48 |
| ResponseSchema | | | 48 |
| ErrorCodeReference | | | 49 |
| Overview | : | | 50 |
| Request | : | | 50 |

| | | | |
|-----------------|----------|--------------|-----------|
| Response | : | | 54 |
| Valid | : | | 54 |
| Error | : | | 55 |

| | | |
|---------------------------------|--------------|----------------|
| InboundStatus Webservice | | 57 |
| API URL | : |57 |
| Function | : |57 |
| Overview | : |57 |
| Request | : |57 |
| Response | : |58 |
| Valid | : |58 |
| Error | : |59 |

Order Import Web service _ Send Order Information

API URL: https://npfonline.com/NPFM/FMImportAPI_V2.asmx?wsdl

Functions: ImportSingleOrder()

Overview: This method is used for placing Orders. This service takes login credentials and singleorder 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>
    </ShippingAddress>
  </Order>
</OrderList>
```

<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>EP</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>0</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>0</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 |
|-------------------|--|
| Inputs | <ul style="list-style-type: none"> • Login <ul style="list-style-type: none"> ▪ Username ▪ Password ▪ Clientcode • Order <ul style="list-style-type: none"> ▪ SalesOrderNo ▪ OrderDate ▪ CustomerNo ▪ BillingAddress <ul style="list-style-type: none"> ◆ FirstName ◆ LastName ◆ CompanyName ◆ Address1 ◆ Address2 ◆ City ◆ State ◆ PostCode ◆ Country ◆ Phone ◆ Email ▪ ShippingAddress <ul style="list-style-type: none"> ◆ FirstName ◆ LastName ◆ CompanyName |

| | |
|----------------|---|
| | <ul style="list-style-type: none"> ◆ Address1 ◆ Address2 ◆ City ◆ State ◆ PostCode ◆ Country ▪ DespatchDetails <ul style="list-style-type: none"> ◆ DispatchMethod ◆ GiftWrappingRequired ◆ CustomerMessage ◆ ArticleValue ◆ ArticleDescription ◆ WebSiteCode ▪ Products <ul style="list-style-type: none"> ◆ Product <ul style="list-style-type: none"> ➤ Code ➤ Description ➤ BarCode ➤ Quantity ➤ SalesPrice ➤ GST ➤ SalesPricesIncludesGST ➤ Amount ➤ DangerousGoods ➤ MLS ▪ Totals <ul style="list-style-type: none"> ◆ SubTotal1 ◆ P_H_Cost ◆ P_H_GST ◆ P_H_IncludesGST ◆ SubTotal2 ◆ DiscountPercentageState ◆ DiscountAmount ◆ Total • IPAddress • HasDangerousGoods <p>(see Parameter Descriptions section below).</p> |
| Outputs | <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-MM-dd HH:mm:ss) format is must -2020-10-22 18:22:00 |
| 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 |
| Order. ShippingAddress. State | Yes/No | Text/50 | State is mandatory for Australia and it's optional for other countries |
| Order. ShippingAddress. PostCode | Yes | Text/10 | Postcode should be 4 character, if Australia |
| Order. ShippingAddress. Country | Yes | Text/40 | Country name |
| Order. DespatchDetails. DispatchMethod | Yes | Text/30 | Dispatch method |
| Order. DespatchDetails. GiftWrappingRequired | | Text/30 | Gift wrapping required |
| Order. DespatchDetails. CustomerMessage | | Text/100 | Customer message |
| Order. DespatchDetails. ArticleValue | | Decimal/10 | Article value. Mandatory for International orders |
| Order. DespatchDetails. ArticleDescription | | Text/100 | Article description. Mandatory for International orders |
| Order. DespatchDetails. WebSiteCode | | Text/255 | Website address |
| Order. Products. Product. Code | Yes | Text/30 | Product Code |
| Order. Products. Product. Description | Yes | Text/255 | Product description |
| Order. Products. Product. BarCode | | Text/100 | Product Bar code |
| Order. Products. Product. Quantity | Yes | Integer/10 | Product quantity |
| Order. Products. Product. SalesPrice | Yes | Decimal/10 | Product selling price |
| Order. Products. Product. GST | Yes | Integer/10 | GST value |
| Order. Products. Product. SalesPricesIncludesGST | Yes | Decimal/10 | Sales price including GST value |
| Order. Products. Product. Amount | Yes | Decimal/10 | Product amount |

| | | | |
|--|------------|-------------------|--|
| Order. Products. Product.DangerousGoods | Yes | Text/1 | Product Dangerous Indication (T or F) |
| Order. Products. Product.MLS | Yes | Integer/10 | Product volume |
| Order. Totals. SubTotal1 | Yes | Decimal/10 | Product Total amount |
| Order. Totals. P_H_Cost | Yes | Decimal/10 | P H Cost |
| Order. Totals. P_H_GST | Yes | Integer/10 | P H GST |
| Order. Totals. P_H_IncludesGST | Yes | Decimal/10 | P H Cost including GST |
| Order. Totals. SubTotal2 | Yes | Decimal/10 | Sub Total |
| Order. Totals. DiscountPercentage | Yes | Integer/10 | Discount Percentage |
| Order. Totals. DiscountAmount | Yes | Decimal/10 | Discount Amount |
| Order. Totals. Total | Yes | Decimal/10 | Total Order value |
| Order.IPAddress | Yes | Text/200 | Client system IPAddress |
| Order.HasDangerousGoods | Yes | Text/1 | 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:

| Carrier | Service Type | Description | DispatchMethodCode (Valueinthefield) |
|----------------|---------------------|--------------------------|---|
| AAE | PREPAID | 1KG | AAE |
| AP | AP CD | AP CD | AP CD |
| AP | AP | Australia Post Melbourne | APM |
| AP | AP | Standard mail | AP SM |

| | | | |
|--------------------|--------------------|------------------------------|---------------------|
| AP | AP | Standard mail NZ | AP SMNZ |
| AP | AP | Australia Post | AP |
| Capital | Local | Local-Sydney Metro Courier | CAPL |
| Capital | Local | Sydney Metro Courier | CAPS |
| DHL | DHL | Standard mail | DHL SM |
| EDICarrier | EDICarrier | EDI Carrier | EDI |
| EP | EP | Direct Access | EP DA |
| EP | EP | International Airmail | EP IntAir |
| EP | EP | PARCEL | EP |
| EP | EP | EP Wine | EP Wine |
| EP | EP | International Exp Courier | EP IntExp |
| EP | EP Express Parcel | Express Post Parcel | EP EXP |
| EP | EP | International Airmail_Manual | EP IntAirMan |
| EP | EP | Melbourne Parcel | EP MEL |
| EP | EP | Melbourne Exp Parcel | EP EXPMEL |
| EP | EP | International Melbourne | EP IntMEL |
| Extreme | STD | Extreme | EXT |
| Extreme-Client A/C | Extreme-Client A/C | Extreme-Client A/C | EXTC |
| FASTWAY NZ | FASTWAY NZ | FASTWAY NZ | FASTWAYNZ |
| FedExp | FedEx | FedExpress | FEDEXP |
| FedExp | Fedex Econ | Fedex Econ | FEDEX ECON |

| | | | |
|---------------|--------------------|---------------------|------------------------------------|
| LCR | LCR | LCR | LCR |
| NZ Post | NZ Post | NZ Post standard | NZ PS |
| NZ Post | NZ Post Courier | NZ Post Courier | NZ PC |
| NZ TOLL | NZ Toll | NZ Toll | NZ TOLL |
| QUANTIUM | QUANTIUM | Economy Service | QUAN |
| ROSS | Express_ROSS | carton | ROSS |
| STARTRACK EXP | EXP | CTN | STR EXP |
| STARTRACKDG | STARTRACKDG | CTN | STR DG |
| TNT | EXPRESS | Carton | TNT EXPCTN |
| TNT | EXP | Express Economy | TNT EXPECN |
| TNT | Melbourne Express | Carton | TNT MELCTN |
| TOLL IPEC | EXPRESS_LS | Carton | TOLL EXPLSCTN |
| TOLL IPEC | PRIORITY | Carton | TOLL PRICTN |
| TOLL IPEC | EXPRESS | Carton | TOLL EXPCTN |
| TOLL IPEC | EXPRESS_Melbourne | Carton | TOLL EXPMELCTN |
| TOLL IPEC | PRIORITY_Melbourne | Carton | TOLL PRIMELCTN |
| TOLLDG | TOLLDG | Carton | TOLL DGCTN |
| EP | EP | PARCEL | AusPost Registered |
| EP | EP Express Parcel | Express Post Parcel | AusPost Express Post Parcel |
| STARTRACK EXP | EXP | CTN | STAR Express |

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 |
|---------------------|----------|------------------------|-----------------------------------|
| ErrorCode | Yes | Text/10 | Error Code |
| ErrorDetail | Yes | Text/255 | Error details |
| Status | Yes | Text/30 | Status of Order without any error |
| ClientCode | Yes | Text/50 | Client Code |
| BatchCode | Yes | Text/255 | Batch code return from OFS |
| SalesOrderNo | Yes | Text/50 | Sales Order Number |
| OrderStatus | Yes | Text/50 | Order Status return from OFS |
| NPFOrderNo | 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 (ImportBatchOrder). |
| 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 |
|--------------------------|---|
| Inputs | <ul style="list-style-type: none"> • Login <ul style="list-style-type: none"> ▪ Username ▪ Password ▪ Clientcode • Order <ul style="list-style-type: none"> ▪ SalesOrderNo <p>(see Parameter Descriptions section below).</p> |
| Outputs | <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 |
|---|--|
| ERROR | Returns error code and error details for all error of xml content input |
| CANCEL | Return Cancel Order with reason in status message |
| HOLD | Return Hold Order with reason in status message |
| BACKORDER | Return Back Order status for the order having Out of Stock products |
| PARTIAL BACKORDER | Returns Partial Back Order for the order having partial shipped products with shipment details and partial back order products |
| SHIPPED | Return Shipped status with shipment details |
| Details not available for requested SalesOrderNo | Return "Sorry, No details available!" as Order Status Message |

Response Schema:

| Argument | Required | Data type / Max Length | Notes |
|----------------------------|------------|------------------------|----------------------|
| ErrorCode | Yes | Text/10 | Error Code |
| ErrorDetail | Yes | Text/255 | Error details |
| Order. ClientCode | Yes | Text/30 | Client Code from OFS |
| Order. SalesOrderNo | Yes | Text/30 | Sales Order Number |
| Order. NPFOOrderNo | Yes | Text/30 | NPF Order Number |
| Order. StatusTime | Yes | Date | Status Date Time |

| | | | |
|---|------------|-----------------|---|
| | | | (dd – mon – yyyy hh:ii:ss) format is must |
| Order. OrderStatus | Yes | Text/100 | Order Status |
| Order. OrderStatusMessage | Yes | Text/255 | Order Status message |
| Order. Errors. Error. ErrorCode | Yes | Text/30 | Error Code if Order Status is ERROR |
| Order. Errors. Error. ErrorDetail | Yes | Text/255 | Error Details if Order Status is ERROR |
| Order. Products. Product. Code | Yes | Text/50 | Product Code if Order Status is BACKORDER |
| Order. Products. Product. OrderQuantity | Yes | Text/50 | Order Quantity if Order Status is BACKORDER |
| Order. Products. Product. BOQuantity | Yes | Text/50 | Back Order Quantity if Order Status is BACKORDER |
| Order.ShipmentDetails.Shipment.DispatchDate | Yes | Date | Dispatch Date (dd – mon – yyyy) format is must if Order Status is PARTIAL BACKORDER orSHIPPED |
| Order.ShipmentDetails.Shipment.ManifestNo | Yes | Text/50 | Shipment Manifest Number if Order Status is PARTIAL BACKORDER orSHIPPED |
| Order.ShipmentDetails.Shipment.ConsignmentNo | Yes | Text/50 | Shipment Consignment Number if Order Status is PARTIAL BACKORDER orSHIPPED |
| Order.ShipmentDetails.Shipment.FreightCharges | Yes | Text/50 | Shipment Freight Charges if Order Status is PARTIAL BACKORDER orSHIPPED |
| Order.ShipmentDetails.Shipment.HandlingCharges | Yes | Text/50 | Shipment Handling Charges if Order Status is PARTIAL BACKORDER orSHIPPED |
| Order.ShipmentDetails.Shipment.TrackingLink | Yes | Text/255 | Shipment Tracking Link if Order Status is PARTIAL BACKORDER orSHIPPED |
| Order.ShipmentDetails.Shipment.Carrier | Yes | Text/255 | On request to NPF we send the order carrier name which we dispatch the order |
| Order.ShipmentDetails.Shipment.DispatchMethod | Yes | Text/255 | On request to NPF we send the dispatch method used for this order. |
| Order.ShipmentDetails.Shipment.Products. Product. Code | Yes | Text/50 | Shipment Product Code if Order Status is PARTIAL BACKORDER orSHIPPED |
| Order.ShipmentDetails.Shipment.Products. Product. Quantity | Yes | Text/50 | Shipment Product Quantity if Order Status is PARTIAL BACKORDER orSHIPPED |

| | | | |
|---|---------------|----------------|---|
| Order.ShipmentDetails.Shipment.Products. Product. ClientTrack1 | Yes/No | Text/50 | Shipment Additional Product details (such as Serial number, IMEI Number, Expiry date) if Order Status is PARTIAL BACKORDER or SHIPPED |
| Order.BODetails.Products. Product. Code | Yes | Text/50 | Back Order Product Code if Order Status is PARTIAL BACKORDER |
| Order.BODetails.Products. Product. Quantity | Yes | Text/50 | Back Order Product Quantity if Order Status is PARTIAL BACKORDER |

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 |

Cancel Order Web service

3 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>
```

| Cancel Order Web Service | Server order |
|--------------------------|---|
| Inputs | <ul style="list-style-type: none"> • Login <ul style="list-style-type: none"> ▪ Username ▪ Password ▪ Clientcode ▪ Loginusername • Order <ul style="list-style-type: none"> ▪ SalesOrderNo ▪ CancelReason |
| Outputs | <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 |
|---------------------------|------------|------------------------|-----------------------------------|
| ErrorCode | Yes | Text/10 | Error Code |
| ErrorDetail | Yes | Text/255 | Error details |
| Status | Yes | Text/30 | Status of Order without any error |
| ClientCode | Yes | Text/50 | Client Code |
| SalesOrderNo | Yes | Text/50 | Sales Order Number |
| NPFOrderNo | Yes | Text/50 | NPF Order Number return from OFS |
| OrderStatusMessage | Yes | Text/50 | 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

4 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 |
|--------------------------|--|
| Inputs | <ul style="list-style-type: none"> • Login <ul style="list-style-type: none"> ▪ Username ▪ Password ▪ Clientcode • Product <ul style="list-style-type: none"> ▪ ProductCode <p>(see Parameter Descriptions section below).</p> |
| Outputs | <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 |
|----------------------------|------------|------------------------|-----------------------|
| ErrorCode | Yes | Text/10 | Error Code |
| ErrorDetail | Yes | Text/255 | Error details |
| ClientCode | Yes | Text/30 | Client Code from OFS |
| Product.ProductCode | Yes | Text/30 | Product Code |
| Product.StockOnHand | Yes | Text/255 | 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

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>2020-Oct-22</BookedDate>
<DeliveryDate>2020-Oct-27</DeliveryDate>
<DeliveryType>1</DeliveryType>
<PalletType>C</PalletType>
<NoofPallets>2</NoofPallets>
<VesselNumber></VesselNumber>

<Supplier>
<Name>Ram</Name>
<Email>info@marinamirage.com</Email>
<Phone>9786220845</Phone>
<Country>Australia</Country>
<State>QLD</State>
<City></City>
<AdditionalInfo>Test</AdditionalInfo>
</Supplier>

<Items>
<Item>
<Code>1001</Code>
<Description>Item One</Description>
<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>

<Barcode>A1001012</Barcode>

</Item>

</Items>

</InboundDetail>

</Inbound>

Input Protocols:

| Inbound Web Service | Serverorder |
|-----------------------|--|
| <p>Inputs</p> | <ul style="list-style-type: none"> ❖ Login ❖ Username ❖ Password ❖ Clientcode ❖ InboundDetail ❖ PONO ❖ BookedDate ❖ DeliveryDate ❖ DeliveryType ❖ PalletType ❖ NoofPallets ❖ VesselNumber ❖ Supplier <ul style="list-style-type: none"> ▪ Name ▪ Email ▪ Phone ▪ Country ▪ State ▪ City ▪ AdditionalInfo ❖ Items <ul style="list-style-type: none"> ▪ Item ▪ Code ▪ Description ▪ Quantity ▪ Weight ▪ Length ▪ Width ▪ Height ▪ Price ▪ QtyperInner ▪ QtyperCase ▪ Additioninfo1 ▪ Additioninfo2 ▪ Barcode <p>(see Parameter Descriptions section below).</p> |
| <p>Outputs</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 2020-Oct-22 Booked date should not be lesser than today date. |
| Inbound. DeliveryDate | Yes | Date | Inbound Delivery Date (yyyy- mon - dd) format is must Example 2020-Oct-26. |
| 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 - loscam |

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

| | | | |
|--|---------------|-------------------|---------------------------------------|
| Inbound. Items. Item. QtyperInner | No | Decimal/10 | Item quantity |
| Inbound. Items. Item. QtyperCase | No | Decimal/10 | Total quantity per case |
| Inbound. Items. Item. Additioninfo1 | No | Text/500 | Additional Information about the item |
| Inbound. Items. Item. Additioninfo2 | No | Text/500 | Additional Information about the item |
| Barcode | Yes/No | Text/30 | Barcode is mandatory for new items. |

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 booking date
- 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>2020-Oct-22</BookedDate>
    <DeliveryDate>2020-Oct-27</DeliveryDate>
    <DeliveryType>1</DeliveryType>
```

```
<PalletType>C</PalletType>
<NoofPallets>1</NoofPallets>
<VesselNumber>367355490</VesselNumber>
<Supplier>
  <Name>TCT</Name>
  <Email>ramkumar@templecitytech.com</Email>
  <Phone>9786220845</Phone>
  <Country>Australia</Country>
  <State>QLD</State>
  <City></City>
  <AdditionalInfo>Mathew</AdditionalInfo>
</Supplier>
<Items>
  <Item>
    <Code>1001</Code>
    <Description>Item One</Description>
    <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>
```

```
<Barcode>A1001012</Barcode>

</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>
```

```
<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>
<Barcode></Barcode>
```

```
</Item>
```

```
<Item>
```

```
<Code>1001</Code>
<Description>Item One</Description>
<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>
```

```
        <Barcode>A1001012</Barcode>
    </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>
```


Inbound delivery Status Pulling :

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

Function:

InboundStatusJava (string StrXMLOrder)

Overview: This method is used for getting Inbound status from FM. This service takes login credentials and multiple PO reference as input for Entering. If login credentials are validated transaction proceeds further and returns status of the given inbound reference.

Available Status :

- NOT RECEIVED
- RECEIVED
- RECEIVED WITH DISCREPANCIES
- RECEIPT IN PROGRESS
- QUARANTINE

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" standalone="yes"?>
<InboundReceiptList>
<Login>
<Username>NPFDRAPI</Username>
<Password>NPFDRAPI212</Password>
<ClientCode>NPFDRAPI</ClientCode>
</Login>
<InboundReceipt>
```

```
<PONo>RT_2110_001,RT_2110_002</PONo>
</InboundReceipt>
</InboundReceiptList>
```

Sample Response

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<InboundReceiptList>
<InboundReceipt>
<ClientCode>NPFDRAPI</ClientCode>
<NPFBookingReference>NPFDRAPI01927</NPFBookingReference>
<PONo>RT_2110_001</PONo>
<BookedDate>21-Oct-2020 00:00:00</BookedDate>
<ReceiptStatus>NOT RECEIVED</ReceiptStatus>
<DeliveryDate>26-Oct-2020 00:00:00</DeliveryDate>
<RevisedDeliveryDate>21-Oct-2020 00:00:00</RevisedDeliveryDate>
<Items>
<Item>
<ItemCode>1001</ItemCode>
<ItemType>Existing Item</ItemType>
<Description>Item One</Description>
<Barcode>Q3-WMS-38294030</Barcode>
<IsNPFGeneratedBarcode>False</IsNPFGeneratedBarcode>
<BookedQuantity>4</BookedQuantity>
<ReceivedQuantity>0</ReceivedQuantity>
<BackOrderQty>4</BackOrderQty>
</Item>
</Items>
</InboundReceipt>
<InboundReceipt>
<ClientCode>NPFDRAPI</ClientCode>
<NPFBookingReference>NPFDRAPI01928</NPFBookingReference>
<PONo>RT_2110_002</PONo>
<BookedDate>21-Oct-2020 00:00:00</BookedDate>
```

```
<ReceiptStatus>NOT RECEIVED</ReceiptStatus>
<DeliveryDate>27-Oct-2020 00:00:00</DeliveryDate>
<RevisedDeliveryDate>21-Oct-2020 00:00:00</RevisedDeliveryDate>
<Items>
<Item>
<ItemCode>RT_2110_001</ItemCode>
<ItemType>Existing Item</ItemType>
<Description>Item One</Description>
<Barcode>RT_2110_001</Barcode>
<IsNPFGeneratedBarcode>False</IsNPFGeneratedBarcode>
<BookedQuantity>1000</BookedQuantity>
<ReceivedQuantity>0</ReceivedQuantity>
<BackOrderQty>0</BackOrderQty>
</Item>
</Items>
</InboundReceipt>
</InboundReceiptList>
```

Error

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<InboundReceiptList>
<InboundReceipt>
<ClientCode>NPFON</ClientCode>
<PONo>Test</PONo>
<ReceiptStatus>Sorry, No details available!</ReceiptStatus>
</InboundReceipt>
</InboundReceiptList>
```