

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 . Pull available stock on hand from NPF**
- 4 . 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

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>2014-04-01 03:23:49</OrderDate>
<CustomerNo>227232</CustomerNo>
<BillingAddress>
<FirstName>Steve</FirstName>
<LastName>Mathew</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>Steve</FirstName>
<LastName>Mathew</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
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 (dd – mon - yyyy) format is must
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/No	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
Order. DespatchDetails. ArticleDescription		Text/100	Article description
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		Integer/10	GST value
Order. Products. Product. SalesPricesIncludesGST	Yes/No	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		Decimal/10	P H Cost
Order. Totals. P_H_GST		Integer/10	P H GST
Order. Totals. P_H_IncludesGST	Yes/No	Decimal/10	P H Cost including GST
Order. Totals. SubTotal2	Yes	Decimal/10	Sub Total
Order. Totals. DiscountPercentage		Integer/10	Discount Percentage
Order. Totals. DiscountAmount		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	Dispatch Method Code (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 EXPECON
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

STARTRACK EXP	EXP	CTN	Auspost Regular Parcel
---------------	-----	-----	------------------------

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

```
<?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
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 order number.

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>
<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>
```

```

    </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.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 orSHIPPED
Order.BODetails.Products. Product.	Yes	Text/50	Back Order Product Code if Order Status

Code			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

Stock On Hand Web service

3 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>
  </ProductList>
```

```

    <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>

```

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

Inbound Web service _ Send Inbound Information

API URL: <https://npfonline.com/NPFM/FMInboundAPI.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>2014-Apr-01</BookedDate>
<DeliveryDate>2014-May-01</DeliveryDate>
<DeliveryType>1</DeliveryType>
<PalletType></PalletType>
<NoofPallets></NoofPallets>
<VesselNumber></VesselNumber>
<Supplier>
<Name>Steve</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></Weight>
<Length></Length>
<Width></Width>
<Height></Height>
<Price></Price>
<QtyperInner></QtyperInner>
<QtyperCase></QtyperCase>
<AdditionInfo1></AdditionInfo1>
<AdditionInfo2></AdditionInfo2>
</Item>
</Items>
</InboundDetail>
</Inbound>

```

Input Protocols:

Inbound Web Service	Serverorder
Inputs	<ul style="list-style-type: none"> ❖ Login ❖ Username ❖ Password ❖ Clientcode ❖ InboundDetail ❖ PONO ❖ BookedDate ❖ DeliveryDate ❖ DeliveryType ❖ PalletType

	<ul style="list-style-type: none"> ❖ 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 ▪ AlternateltemCode ▪ Quantity ▪ Weight ▪ Length ▪ Width ▪ Height ▪ Price ▪ QtyperInner ▪ QtyperCase ▪ Additioninfo1 ▪ Additioninfo2 <p>(see Parameter Descriptions section below).</p>
Outputs	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.

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 (dd – mon - yyyy) format is must Example 25-Jan-2015
Inbound. DeliveryDate	Yes	Date	Inbound Delivery Date (dd – mon - yyyy) format is must Example 25-Jan-2015
Inbound. DeliveryType	Yes	Integer/10	Delivery Type 1 - Container Delivery - 20ft Palletized 2 - Container Delivery - 20ft loose cartons 3 - Container Delivery - 40ft Palletized 4 - Container Delivery - 40ft loose cartons 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.
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. AlternateItemCode	Yes	Text/255	Item Alternate code
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.	No	Text/500	Additional Information about the item

Additioninfo2			
----------------------	--	--	--

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>NPFDRAPI0001</BookingReferenceNo>
<PONo>2506407</PONo>
<InboundStatus>Confirmed</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 Week ends
- Delivery type is 1 - 4 and delivery date is with in 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

3) 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>
      <Country>Australia</Country>
      <State>QLD</State>
      <City></City>
      <AdditionalInfo>Mathew</AdditionalInfo>
    </Supplier>
  </InboundDetail>
</Inbound>
```

```
<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>