

National Products Fulfilment

Web Service

Documentation

Last Updated: 11th September, 2012

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# Order Web service

API URL: <https://npfulfilmentapi.com/serverorder.php?wsdl>

Function: Serverorder()

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 both test and production/live purposes. 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 | APINPFON |
| <Password> | Password | APINPFON212 |
| <ClientCode> | Client Code | APINPFON |

## **Request:**

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

<OrderList>

<Login>

<Username>APINPFON</Username>

<Password>APINPFON212</Password>

<ClientCode>APINPFON</ClientCode>

</Login>

<Order>

<SalesOrderNo>APINPFONOrdNo134</SalesOrderNo>

<OrderDate>01-Jun-2012</OrderDate>

<CustomerNo>C001</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>1000</Code>

<Description>Item One</Description>

<BarCode>I01920191929929292</BarCode>

<Quantity>1</Quantity>

<SalesPrice>100.00</SalesPrice>

<GST>12</GST>

<SalesPricesIncludesGST>112.00</SalesPricesIncludesGST>

<Amount>112.00</Amount>

</Product>

<Product>

<Code>1001</Code>

<Description>Item Two</Description>

<BarCode>I0898727219929292</BarCode>

<Quantity>1</Quantity>

<SalesPrice>50.00</SalesPrice>

<GST>10</GST>

<SalesPricesIncludesGST>55.00</SalesPricesIncludesGST>

<Amount>55.00</Amount>

</Product>

</Products>

<Totals>

<SubTotal1>167.00</SubTotal1>

<P\_H\_Cost>10.00</P\_H\_Cost>

<P\_H\_GST>5</P\_H\_GST>

<P\_H\_IncludesGST>10.5</P\_H\_IncludesGST>

<SubTotal2>177.50</SubTotal2>

<DiscountPercentage>10</DiscountPercentage>

<DiscountAmount>17.75</DiscountAmount>

<Total>159.75</Total>

</Totals>

</Order>

</OrderList>

## **Input Protocols:**

|  |  |
| --- | --- |
| **Order Web Service** | **serverorder** |
| **Inputs** | * Login * Username * Password * Clientcode * Order * SalesOrderNo * OrderDate * CustomerNo * BillingAddress   + - * + FirstName         + LastName         + CompanyName         + Address1         + Address2         + City         + State         + PostCode         + Country         + Phone         + Email * ShippingAddress   + - * + FirstName         + LastName         + CompanyName         + Address1         + Address2         + City         + State         + PostCode         + Country * DespatchDetails   + - * + DispatchMethod         + GiftWrappingRequired         + CustomerMessage         + ArticleValue         + ArticleDescription         + WebSiteCode * Products   + - * + Product   Code  Description  BarCode  Quantity  SalesPrice  GST  SalesPricesIncludesGST  Amount   * Totals   + - * + SubTotal1         + P\_H\_Cost         + P\_H\_GST         + P\_H\_IncludesGST         + SubTotal2         + DiscountPercentageState         + DiscountAmount         + Total   (see Parameter Descriptions section below). |
| **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 Batchcode and Order Status as “Ready for process”. |

## **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** | **Text/50** | State |
| **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** | **Text/50** | State |
| **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. 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 |

## Dispatch Method:

|  |  |  |  |
| --- | --- | --- | --- |
| **Carrier** | **Service Type** | **Description** | **Dispatch Method Code ( Value in the field )** |
| 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** |

## **Response:**

* 1. **Valid**

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

<Request>

<Status>Valid</Status>

<Response>

<ClientCode> APINPFON</ClientCode>

<BatchCode> APINPFON\_A1122\_06-06-2012</BatchCode>

<SalesOrderNo> APINPFONOrdNo134</SalesOrderNo>

<OrderStatus>Ready for process</OrderStatus>

<NPFOrderNo>47100</NPFOrderNo>

</Response>

</Request>

* 1. **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>500</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** |
| **100** | Invalid XML |
| **500** | Internal Server Error - Please try again after sometime |
| **99999** | Unexpected error |
| **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' |
| **04001** | An Order can have only one Item for International orders |
| **04002** | Invalid Dispatch Method! |
| **04003** | Invalid Post Code |

## **Sample PHP Code:**

We have used NuSOAP library in the client script to call web services using php. You can download NuSOAP library from <http://sourceforge.net/projects/nusoap/>

While using PHP platform to call **HTTPS protocol (SSL)** **wsdl services** for sending client requests, please enable **Curl library** to get access different server locations.

<?php

require\_once ('lib/nusoap.php');

$orders = '<?xml version="1.0" encoding="ISO-8859-1"?>

<OrderList>

<Login>

<Username>APINPFON</Username>

<Password>APINPFON212</Password>

<ClientCode>APINPFON</ClientCode>

</Login>

<Order>

<SalesOrderNo>APINPFONOrdNo134</SalesOrderNo>

<OrderDate>01-Jun-2012</OrderDate>

<CustomerNo>C001</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>1000</Code>

<Description>Item One</Description>

<BarCode>I01920191929929292</BarCode>

<Quantity>1</Quantity>

<SalesPrice>100.00</SalesPrice>

<GST>12</GST>

<SalesPricesIncludesGST>112.00</SalesPricesIncludesGST>

<Amount>112.00</Amount>

</Product>

<Product>

<Code>1001</Code>

<Description>Item Two</Description>

<BarCode>I0898727219929292</BarCode>

<Quantity>1</Quantity>

<SalesPrice>50.00</SalesPrice>

<GST>10</GST>

<SalesPricesIncludesGST>55.00</SalesPricesIncludesGST>

<Amount>55.00</Amount>

</Product>

</Products>

<Totals>

<SubTotal1>167.00</SubTotal1>

<P\_H\_Cost>10.00</P\_H\_Cost>

<P\_H\_GST>5</P\_H\_GST>

<P\_H\_IncludesGST>10.5</P\_H\_IncludesGST>

<SubTotal2>177.50</SubTotal2>

<DiscountPercentage>10</DiscountPercentage>

<DiscountAmount>17.75</DiscountAmount>

<Total>159.75</Total>

</Totals>

</Order>

</OrderList>';

$param = array('orders' => $orders);

$client = new nusoap\_client('https://npfulfilmentapi.com/serverorder.php?wsdl');

$response = $client->call('serverorder',$param);

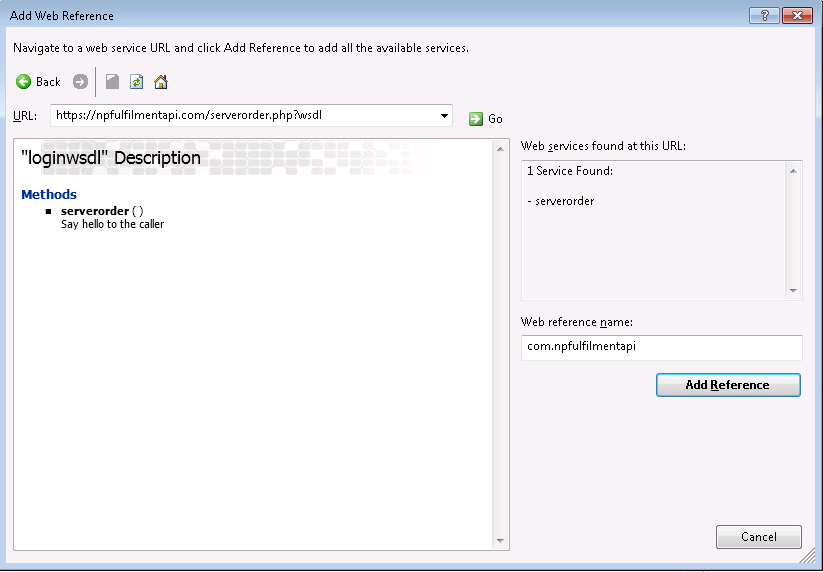
if($client->fault)  
{  
 echo "FAULT: <p>Code: (".$client->faultcode."</p>";

echo "String: ".$client->faultstring;  
}  
else  
{  
 echo $response;  
}

?

## **Sample .NET Code:**

### Add web reference as below:

****

using com.npfulfilmentapi;

string sServerOrderFileName = "ServerOrder.xml";

XmlDocument xDoc = new XmlDocument();

xDoc.Load(sServerOrderFileName);

string sServerOrderXML = xDoc.InnerXml;

loginwsdl npfClient = new loginwsdl();

string sStatus = npfClient.serverorder(sServerOrderXML);

### ServerOrder.xml Content:

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

<OrderList>

<Login>

<Username>APINPFON</Username>

<Password>APINPFON212</Password>

<ClientCode>APINPFON</ClientCode>

</Login>

<Order>

<SalesOrderNo>APINPFONOrdNo134</SalesOrderNo>

<OrderDate>01-Jun-2012</OrderDate>

<CustomerNo>C001</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>1000</Code>

<Description>Item One</Description>

<BarCode>I01920191929929292</BarCode>

<Quantity>1</Quantity>

<SalesPrice>100.00</SalesPrice>

<GST>12</GST>

<SalesPricesIncludesGST>112.00</SalesPricesIncludesGST>

<Amount>112.00</Amount>

</Product>

<Product>

<Code>1001</Code>

<Description>Item Two</Description>

<BarCode>I0898727219929292</BarCode>

<Quantity>1</Quantity>

<SalesPrice>50.00</SalesPrice>

<GST>10</GST>

<SalesPricesIncludesGST>55.00</SalesPricesIncludesGST>

<Amount>55.00</Amount>

</Product>

</Products>

<Totals>

<SubTotal1>167.00</SubTotal1>

<P\_H\_Cost>10.00</P\_H\_Cost>

<P\_H\_GST>5</P\_H\_GST>

<P\_H\_IncludesGST>10.5</P\_H\_IncludesGST>

<SubTotal2>177.50</SubTotal2>

<DiscountPercentage>10</DiscountPercentage>

<DiscountAmount>17.75</DiscountAmount>

<Total>159.75</Total>

</Totals>

</Order>

</OrderList>

# Order Status Web service

API URL: <https://npfulfilmentapi.com/npforderstatus.php?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>APINPFON</Username>

<Password>APINPFON212</Password>

<ClientCode>APINPFON</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** | **serverorder** |
| **Inputs** | * Login * Username * Password * Clientcode * Order * SalesOrderNo   (see Parameter Descriptions section below). |
| **Outputs** | 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. |

## **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 Numbers separated with comma |

## **Response:**

1. **Valid**

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

<OrderList>

<Order>

<ClientCode>APINPFON</ClientCode>

<SalesOrderNo>101</SalesOrderNo>

<NPFOrderNo>15001</NPFOrderNo>

<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>APINPFON</ClientCode>

<SalesOrderNo>102</SalesOrderNo>

<NPFOrderNo>15002</NPFOrderNo>

<StatusTime>24-Apr-2012 14:52:20</StatusTime>

**<OrderStatus>CANCEL</OrderStatus>**

<OrderStatusMessage>Order cancelled by customer</OrderStatusMessage>

</Order>

<Order>

<ClientCode>APINPFON</ClientCode>

<SalesOrderNo>103</SalesOrderNo>

<NPFOrderNo>15003</NPFOrderNo>

<StatusTime>24-Apr-2012 14:52:22</StatusTime>

**<OrderStatus>HOLD</OrderStatus>**

<OrderStatusMessage>Order is in hold - out of city</OrderStatusMessage>

</Order>

<Order>

<ClientCode>APINPFON</ClientCode>

<SalesOrderNo>104</SalesOrderNo>

<NPFOrderNo>15004</NPFOrderNo>

<StatusTime>24-Apr-2012 14:52:30</StatusTime>

**<OrderStatus>BACKORDER</OrderStatus>**

<Products>

<Product>

<Code>I001</Code>

<OrderQuantity>1</OrderQuantity>

<BOQuantity>1</BOQuantity>

</Product>

<Product>

<Code>I002</Code>

<OrderQuantity>2</OrderQuantity>

<BOQuantity>2</BOQuantity>

</Product>

</Products>

</Order>

<Order>

<ClientCode>APINPFON</ClientCode>

<SalesOrderNo>105</SalesOrderNo>

<NPFOrderNo>15005</NPFOrderNo>

<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>I001</Code>

<Quantity>1</Quantity>

</Product>

<Product>

<Code>I002</Code>

<Quantity>1</Quantity>

</Product>

</Products>

</Shipment>

</ShipmentDetails>

<BODetails>

<Products>

<Product>

<Code>I001</Code>

<Quantity>1</Quantity>

</Product>

<Product>

<Code>I002</Code>

<Quantity>2</Quantity>

</Product>

</Products>

</BODetails>

</Order>

<Order>

<ClientCode>APINPFON</ClientCode>

<SalesOrderNo>106</SalesOrderNo>

<NPFOrderNo>15006</NPFOrderNo>

<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>I001</Code>

<Quantity>1</Quantity>

</Product>

<Product>

<Code>I002</Code>

<Quantity>1</Quantity>

</Product>

</Products>

</Shipment>

</ShipmentDetails>

</Order>

<Order>

<ClientCode>APINPFON</ClientCode>

<SalesOrderNo>107</SalesOrderNo>

<OrderStatusMessage>Sorry, No details available!</OrderStatusMessage>

</Order>

</OrderList>

1. **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>500</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. NPFOrderNo** | **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.** **DespatchDate** | **Yes** | **Date** | Dispatch Date (dd – mon – yyyy) format is must if Order Status is PARTIAL BACKORDER or SHIPPED |
| **Order.** **ShipmentDetails.** **Shipment.** **ManifestNo** | **Yes** | **Text/50** | Shipment Manifest Number if Order Status is PARTIAL BACKORDER or SHIPPED |
| **Order.** **ShipmentDetails.** **Shipment.** **ConsignmentNo** | **Yes** | **Text/50** | Shipment Consignment Number if Order Status is PARTIAL BACKORDER or SHIPPED |
| **Order.** **ShipmentDetails.** **Shipment.** **FrieghtCharges** | **Yes** | **Text/50** | Shipment Freight Charges if Order Status is PARTIAL BACKORDER or SHIPPED |
| **Order.** **ShipmentDetails.** **Shipment.** **HandlingCharges** | **Yes** | **Text/50** | Shipment Handling Charges if Order Status is PARTIAL BACKORDER or SHIPPED |
| **Order.** **ShipmentDetails.** **Shipment.** **TrackingLink** | **Yes** | **Text/255** | Shipment Tracking Link if Order Status is PARTIAL BACKORDER or SHIPPED |
| **Order.** **ShipmentDetails.** **Shipment.** **Products. Product. Code** | **Yes** | **Text/50** | Shipment Product Code if Order Status is PARTIAL BACKORDER or SHIPPED |
| **Order.** **ShipmentDetails.** **Shipment.** **Products. Product. Quantity** | **Yes** | **Text/50** | Shipment Product Quantity 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** |
| **100** | Invalid XML |
| **500** | Internal Server Error - Please try again after sometime |
| **01001** | Invalid Login Credentials |
| **03001** | Invalid Client Code |

## **Sample PHP Code:**

We have used NuSOAP library in the client script to call web services using php. You can download NuSOAP library from <http://sourceforge.net/projects/nusoap/>

While using PHP platform to call **HTTPS protocol (SSL)** **wsdl services** for sending client requests, please enable **Curl library** to get access different server locations.

<?php

require\_once ('lib/nusoap.php');

$orders = '<?xml version="1.0" encoding="ISO-8859-1" ?>

<OrderList>

<Login>

<Username>APINPFON</Username>

<Password>APINPFON212</Password>

<ClientCode>APINPFON</ClientCode>

</Login>

<Order>

<SalesOrderNo>101,102,103,104,105,106,107</SalesOrderNo>

</Order>

</OrderList>';

$param = array('orders' => $orders);

$client = new nusoap\_client('https://npfulfilmentapi.com/npforderstatus.php?wsdl ');

$response = $client->call('importorderstatus',$param);

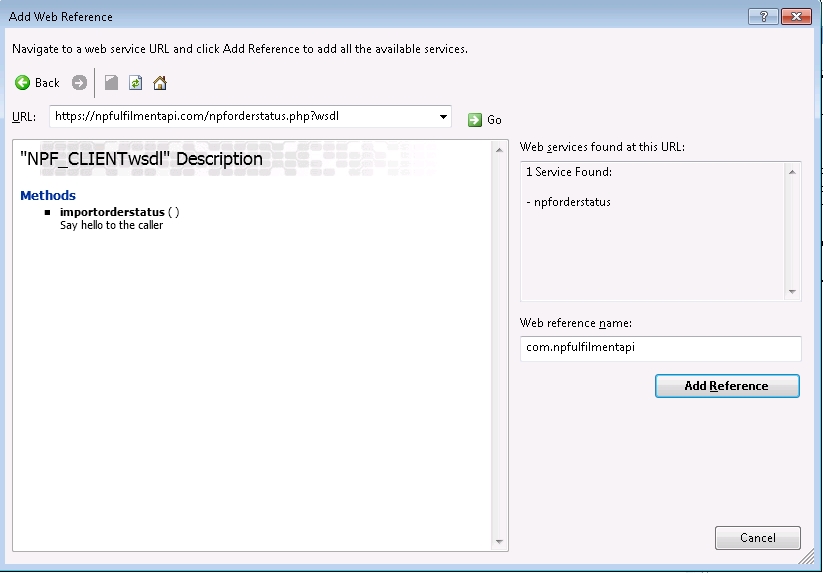
if($client->fault)  
{  
 echo "FAULT: <p>Code: (".$client->faultcode."</p>";

echo "String: ".$client->faultstring;  
}  
else  
{  
 echo $response;  
}

?>

## **Sample .NET Code:**

### Add web reference as below:

****

using com.npfulfilmentapi;

string sOrderStatusFileName = "OrderStatus.xml";

XmlDocument xDocOS = new XmlDocument();

xDocOS.Load(sOrderStatusFileName);

string sOrderStatusXML = xDocOS.InnerXml;

NPF\_CLIENTwsdl npfClient2 = new NPF\_CLIENTwsdl();

sStatus = npfClient2.importorderstatus(sOrderStatusXML);

### OrderStatus.xml Content:

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

<OrderList>

<Login>

<Username>APINPFON</Username>

<Password>APINPFON212</Password>

<ClientCode>APINPFON</ClientCode>

</Login>

<Order>

<SalesOrderNo>101,102,103,104,105,106,107</SalesOrderNo>

</Order>

</OrderList>

# Stock On Hand Web service

API URL: <https://npfulfilmentapi.com/npfsoh.php?wsdl>

Function: importsoh()

Overview: This service method takes login credentials and single/multiple Product Code (comma separated) as input. If login credentials are correct then transaction proceeds further and returns latest Product “Stock on Hand” status for all comma separated product code.

## **Request:**

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

<ProductList>

<Login>

<Username>APINPFON</Username>

<Password>APINPFON212</Password>

<ClientCode>APINPFON</ClientCode>

</Login>

<Product>

<ProductCode>I001,I002,I003,I004,I005</ProductCode>

</Product>

</ProductList>

**NOTE:** Client can send multiple product codes as a comma separated list in <ProductCode> tag for which SOH details required.

## **Input Protocols:**

|  |  |
| --- | --- |
| **Order Status Web Service** | **serverorder** |
| **Inputs** | * Login * Username * Password * Clientcode * Product * ProductCode   (see Parameter Descriptions section below). |
| **Outputs** | If login credentials are correct, then it will process all Product Code comma separated and fetch the latest Product “Stock on Hand” status result from database. If login credentials fail the service will return error messages. |

## **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** | Product codes separated with comma |

## **Response:**

1. **Valid**

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

<ProductList>

<ClientCode>APINPFON</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>

1. **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>500</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** |
| **100** | Invalid XML |
| **500** | Internal Server Error - Please try again after sometime |
| **01001** | Invalid Login Credentials |
| **03001** | Invalid Client Code |

## 

## **Sample PHP Code:**

We have used NuSOAP library in the client script to call web services using php. You can download NuSOAP library from <http://sourceforge.net/projects/nusoap/>

While using PHP platform to call **HTTPS protocol (SSL)** **wsdl services** for sending client requests, please enable **Curl library** to get access different server locations.

<?php

require\_once ('lib/nusoap.php');

$soh = '<?xml version="1.0" encoding="ISO-8859-1" ?>

<ProductList>

<Login>

<Username>APINPFON</Username>

<Password>APINPFON212</Password>

<ClientCode>APINPFON</ClientCode>

</Login>

<Product>

<ProductCode>I001,I002,I003,I004,I005</ProductCode>

</Product>

</ProductList>';

$param = array('soh' => $soh);

$client = new nusoap\_client('https://npfulfilmentapi.com/npfsoh.php?wsdl ');

$response = $client->call('importsoh',$param);

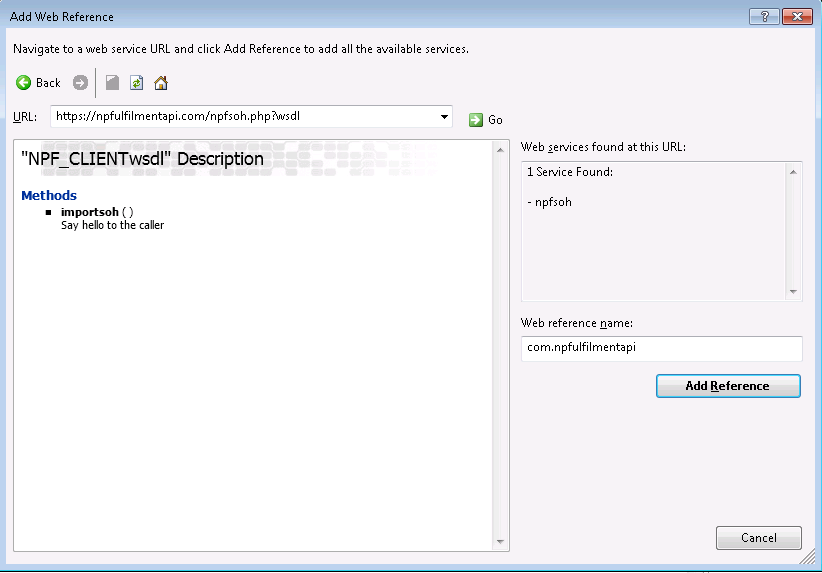
if($client->fault)  
{  
 echo "FAULT: <p>Code: (".$client->faultcode."</p>";

echo "String: ".$client->faultstring;  
}  
else  
{  
 echo $response;  
}

?>

## **Sample .NET Code:**

### Add Web reference as below:



string sSOHFileName = "SOH.xml";

XmlDocument xDocsSOH = new XmlDocument();

xDocsSOH.Load(sSOHFileName);

string sSOHXML = xDocsSOH.InnerXml;

com.npfulfilmentapi.NPF\_CLIENTwsdl1 npfclient3 = new NPF\_CLIENTwsdl1();

sStatus = npfclient3.importsoh(sSOHXML);

### SOH.XML Content:

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

<ProductList>

<Login>

<Username>APINPFON</Username>

<Password>APINPFON212</Password>

<ClientCode>APINPFON</ClientCode>

</Login>

<Product>

<ProductCode>I001,I002,I003,I004,I005</ProductCode>

</Product>

</ProductList>