Web Services Integration

Product Information – Inventory – Pricing – Invoicing
SanMar currently supports the following Web Services

Web Services API (SOAP based XML)

Please Note: A signed integration agreement is required for web service access. We would also like to have an external static IP address as well for troubleshooting, however it is not required.

SanMar Standard Services

- SanMar Product Information
- SanMar Pricing
- SanMar Inventory
- SanMar Invoicing
- SanMar Purchase Ordering

Promostandards Integrated Services

- Promostandards Product Data 1.0.0
- Promostandards Inventory V1.2.1
- Promostandards Order Shipment Notification V1.0.0

Please refer to the SanMar Purchase Order Submission Guide for purchase ordering information

Establishing Web Services Access

Step 1 Contact the sanmar integration team by email sanmarintegrations@sanmar.com or call 206-727-6458 and will send you our integration documentation, integration agreement and request your external static IP address(es) for all the systems that will be accessing our API for our records and we will setup your integration account. You can verify your external IP address by using the following link: http://www.whatsmyip.org/

Step 2 Please return the digitally sign-able Integration Agreement that will be sent from ecosign@ecosign.com with the following information completed by a manager or person that can make decisions for the company.

Customer: Company Name
Signature: Digital Signature (Manager/Owner)
By: Manager/Owner ‘s Name
Its: Manager/Owner ‘s Position
Date: Date of Signature
Address: Business’s physical address

Step 3 You will receive an email confirmation stating that your IP has been whitelisted and can verify your access by clicking on the production product information WSDL link below and viewing the schema in your web browser. https://ws.sanmar.com:8080/SanMarWebService/SanMarProductInfoServicePort?wsdl
If your browser times out and you are unable to view the schema, please verify external IP address for your current.

Web Service Access Problems

Are you able to PING 63.251.12.134 from the system accessing our API? If so, please run a trace route and email the results to both our Production and uat domains. Tracert ws.sanmar.com and Tracert uat-ws.sanmar.com If you cannot ping our IP address, there is something blocking your connection. There could be a software or hardware firewall or your 8080 port is not open on your webserver). You may need to open port 8080 to inbound and outbound traffic with your web servers host.
Brand Restrictions
The following brands are prohibited from being sold on Amazon, eBay, Craigslist or any other third party, direct to consumer websites and from being sold without embellishment.

- Alternative Apparel
- OGIO
- OGIO Endurance
- The North Face
- Eddie Bauer
- Nike
- New Era
- Red Kap
- Red House
- The North Face

MAP Pricing
All customers must agree to adhere to our Minimum Advertised Pricing (MAP) policy. Per our sales policy, customers may not advertise or promote products at discounts greater than 10% off MSRP or SanMar promotional pricing for retail items or 20% for our private label brands. (Closeout merchandise excluded).

Customers also may not advertise any discount on bags by OGIO.

<table>
<thead>
<tr>
<th>MAP of 10% OFF MSRP</th>
<th>MAP of 20% OFF MSRP</th>
<th>No MAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alternative Apparel</td>
<td>OGIO</td>
<td>Jerzees</td>
</tr>
<tr>
<td>Bulwark</td>
<td>OGIO Endurance</td>
<td>Anvil</td>
</tr>
<tr>
<td>Eddie Bauer</td>
<td>Russell Outdoor</td>
<td>Fruit of the Loom</td>
</tr>
<tr>
<td>New Era</td>
<td>NIKE</td>
<td>Gildan</td>
</tr>
<tr>
<td>Red Kap</td>
<td>NIKE Bags</td>
<td>Hanes</td>
</tr>
<tr>
<td>Red House</td>
<td>(Case price X 5)/3</td>
<td>Rabbit Skins</td>
</tr>
<tr>
<td>The North Face</td>
<td></td>
<td>Bella+Canvas</td>
</tr>
</tbody>
</table>

* The North Face® products cannot be ordered through our integration system and require special handling and must be shipped to a select list of decorators. To protect their brand's integrity, The North Face® products cannot be sold blank and may be decorated or embroidered on a pre-approved basis. For more information about The North Face® terms and conditions visit the brand guidelines page or consult your sales representative.

Global Trade Item Numbers (GTIN)
SanMar produces GTIN for the following SanMar manufactured brands which are available in the sanmar_pdd.txt file on our FTP server.

- District
- CornerStone
- Red House
- Precious Cargo
- Port Authority
- Port & Company
- Sport-Tek
- District Made
- District
- Sport-Tek
- Precious Cargo
- Port & Company

GTIN for the following mill brands are also available in the sanmar_pdd.txt file on our FTP server.

- Jerzees
- Fruit of the Loom
- Gildan
- The North Face
- Alternative
- Anvil
- Rabbit Skins
- Hanes
- NIKE
- Bella+Canvas

Please Note: The following brands are not intended for retail sale and do not have GTINs.

- OGIO
- Eddie Bauer
- New Era
- Red Kap
- Bulkwark
- Russell Outdoor

Questions or Problems? Please Email sanmarintegrations@sanmar.com or Call 206-727-6458

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**Web Services Introduction**

This document describes what is required to integrate web services using Simple Objects Access Protocol (SOAP) to directly link web sites and other applications to SanMar’s ordering system.

SanMar’s Web Services integration application programmers interface (API) provides a way to retrieve information and submit orders in real-time from your client software or application to SanMar. The API accomplishes these Services through an XML call and subsequent XML response.

The SOAP client then generates the native objects and interfaces based on a Web Services Description Language (WSDL) that is published by SanMar Web Services integration gateway. The client application initializes the local object and invokes the method as if it is calling a local procedure. The SOAP client handles the generation and parsing of the underlying extensible markup language (XML) documents that form the basis of the SOAP protocol.

Sample PHP, JAVA and .NET sample files in our Integration Documentation folder in our SanMarPDD FTP folder.

**Authentication**

Authentication is required for each individual service call with a sanmar.com web user username and password.

In production you can use your current sanmar.com login or you can setup a separate webuser account at the following page: https://www.sanmar.com/signup/webuser.

In our UAT environment you can also use your existing username, the password has been set to: 12341234, by default. You can also create a uat username and change the password by logging into our uat-sanmar.sanmar.com site by going to the following page: https://uat-sanmar.sanmar.com/mysanmar/account-information.

The following section provide information about the input parameters required for authenticating service calls.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>sanMarCustomerNumber</td>
<td>Yes</td>
<td>Numeric</td>
<td>Valid SanMar Customer Number</td>
</tr>
<tr>
<td>sanMarUserName</td>
<td>Yes</td>
<td>String</td>
<td>Valid SanMar Web Username</td>
</tr>
<tr>
<td>sanMarUserPassword</td>
<td>Yes</td>
<td>String</td>
<td>Valid SanMar Web User Password</td>
</tr>
</tbody>
</table>

Please Note: Inventory and invoice services present exceptions to the basic authentication parameters which are explained within the description of the services.

**Third-party Authentication**

Our API also allows a third party provider to call our services and for this purpose the following input parameters will be needed for the authentication of the third-party sender.

Please note: To prevent errors do not remove these parameters from the schema.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>senderID</td>
<td>No</td>
<td>Integer</td>
<td>Valid SanMar Sender ID</td>
</tr>
<tr>
<td>password</td>
<td>No</td>
<td>String</td>
<td>Valid SanMar Sender Password</td>
</tr>
</tbody>
</table>

**Authentication Responses**

Please contact the sanmar integration team if you receive a ‘true’ response and we will verify and test your credentials.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>TYPE</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>errorOccurred</td>
<td>Boolean</td>
<td>true or false - Indicates if an error has occurred.</td>
</tr>
<tr>
<td>message</td>
<td>String</td>
<td>If the errorOccurred = false, No message is returned.  If the errorOccurred = true, the message returned is &quot;ERROR: User authenticating failed&quot;.</td>
</tr>
</tbody>
</table>
# Table of Contents

## SanMar Standard Web Service Testing Information

**PRODUCT INFORMATION SERVICES**

1) SanMar Standard Product Information Services


2) PromoStandard Product Data Service - V1.0.0

   **UAT WSDL:** https://uat-ws.sanmar.com:8080/promostandards/ProductDataServiceBinding?wsdl

   **PRODUCTION WSDL:** https://ws.sanmar.com:8080/promostandards/ProductDataServiceBinding?wsdl

## PRODUCT INVENTORY SERVICES

1) SanMar Standard Product Inventory Service


   **PRODUCTION WSDL:** https://ws.sanmar.com:8080/SanMarWebService/SanMarWebServicePort?wsdl

2) PromoStandard Inventory Service - V1.2.1

   **UAT WSDL:** https://uat-ws.sanmar.com:8080/promostandards/InventoryServiceBinding?wsdl

   **PRODUCTION WSDL:** https://ws.sanmar.com:8080/promostandards/InventoryServiceBinding?wsdl

**PromoStandard Inventory Service - V2.0.0**

   **UAT WSDL:** https://uat-ws.sanmar.com:8080/promostandards/InventoryServiceBindingV2?WSDL

   **PRODUCTION WSDL:** https://ws.sanmar.com:8080/promostandards/InventoryServiceBindingV2?WSDL

**SanMar Standard Product Pricing Service**


   **PRODUCTION WSDL:** https://ws.sanmar.com:8080/SanMarWebService/SanMarPricingServicePort?wsdl

**PromoStandard Order Shipment Notification Service - V1.0.0**

   **UAT WSDL:** https://uat-ws.sanmar.com:8080/promostandards/OrderShipmentNotificationServiceBinding?wsdl

   **PRODUCTION WSDL:** https://ws.sanmar.com:8080/promostandards/OrderShipmentNotificationServiceBinding?wsdl

**SanMar Standard Invoice Services**

   **UAT WSDL:** https://uat-ws.sanmar.com:8080/SanMarWebService/InvoicePort?wsdl

   **PRODUCTION WSDL:** https://ws.sanmar.com:8080/SanMarWebService/InvoicePort?wsdl

**SanMar Standard Licence Plate Number Service**

   **UAT WSDL:** https://uat-ws.sanmar.com:8080/SanMarWebService/webservices/PackingSlipService

   **PRODUCTION WSDL:** https://ws.sanmar.com:8080/SanMarWebService/webservices/PackingSlipService

**TLS version 1.2 Update Code**

**Change Log**

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* Questions or Problems? Please Email [sanmarintegrations@sanmar.com](mailto:sanmarintegrations@sanmar.com) or Call 206-727-6458

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* UAT testing for these services requires manual invoicing of your test orders, which may take 24-48 hours to complete. Please email the integration team your test PO numbers and we will invoice your orders in our UAT system.

**For purchase order submission, please refer to the SanMar Purchase Order Submission Guide**
SanMar Standard Web Services Testing Information
We recommend downloading and installing SoapUI, a web service testing sandbox program.

**Step 1** Download SoapUI Sandbox Program: https://www.soapui.org/downloads/soapui/source-forge.html

**Step 2** Click on File then Click ‘New SoapUI Project’

**Step 3**
**Initial WSDL Field:** Copy and paste the UAT WSDL link in the Initial field.

**Project Name:** Add the name of the service after the domain name and Click GO

**Step 4**
Click on the + on the **uat-ws.sanmar-Pricing** service in schema list then
Click on the + on **SanMarPricingServicePortBinding** then
Click on the + on **getPricing**
Double Click on the ‘Request1’
This will pull up the Schema parameters on the right side of the Service list.

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**Step 5** Fill out the search parameters in the Schema.
Please note that you can use either style, color and size or inventory_key and size index.

The inventory_key and size index parameters have been commented out in this example.
Click on the **Green Arrow** button on the top bar

The response will be generated on the right side of the request schema

Please Note: You may experience timeouts when requesting product info by category or brand and will need to increase the size of the messaging, Click on FILE and Preferences and compare your settings at the bottom of the UI Settings page.
PromoStandards Validation Testing Information

**Click on the following link:** https://services.promostandards.org/webserviceValidator/home

**Step 1** Select from one of the following service options and version from the drop-down fields.

**Step 2** Enter the corresponding WSDL links into the EndPoint field.

**Step 3** Fill in the request body form or paste the following code into the request body form.

*Use your sanmar.com username & password for authentication in the request form.*

**PromoStandard Inventory Service Request**

https://ws.sanmar.com:8080/promostandards/InventoryServiceBinding?wsdl

```xml
<Request>
  <id>WEBSERVICES-TEST</id>
  <password>sanmar1</password>
  <productId>PC61</productId>
  <productIdType>supplier</productIdType>
  <FilterColorArray>
    <filterColor>WHITE</filterColor>
    <filterColor>JET BLACK</filterColor>
  </FilterColorArray>
  <FilterSizeArray>
    <filterSize>M</filterSize>
    <filterSize>L</filterSize>
  </FilterSizeArray>
</Request>
```

*Click on Validate button at the bottom right of the page*
PromoStandard OrderShipment Notification Service Request


Select which query type you would like to search by (1, 2, or 3):

queryType Option 1 = Purchase Order Number
queryType Option 2 = SanMar Invoice Number
queryType Option 3 = Order Ship Date

query type 1 enter the purchase order number submitted with your order
You must remove <shipmentDateTimeStamp></shipmentDateTimeStamp> field.
<referenceNumber>Purchase Order Number</referenceNumber>

query type 2 enter the SanMar invoice number created for your order
<referenceNumber>SanMar Invoice Number</referenceNumber>

query type 3 enter the order shipment date in UTC (ISO 8601) format (search max of 7 days)
You must remove the <referenceNumber></referenceNumber> field.
<shipmentDateTimeStamp>UTC format ShipDate</shipmentDateTimeStamp>
Here are some examples of acceptable formats: (YYYY-MM-DD)T(HH:MM:SS)
2017-02-13T00:00:00Z 2017-02-13T00:00+00:00 2017-02-17T00:00:00.0000000+00:00

Click on Validate button at the bottom right of the page
PromoStandard Product Data Service Request
https://ws.sanmar.com:8080/promostandards/ProductDataServiceBinding?wsdl

```xml
<localizationCountry xmlns="http://www.promostandards.org/WSDL/ProductDataService/1.0.0/SharedObjects/">us</localizationCountry>
<localizationLanguage xmlns="http://www.promostandards.org/WSDL/ProductDataService/1.0.0/SharedObjects/">en</localizationLanguage>
<productId xmlns="http://www.promostandards.org/WSDL/ProductDataService/1.0.0/SharedObjects/">pc61</productId>
<partId xmlns="http://www.promostandards.org/WSDL/ProductDataService/1.0.0/SharedObjects/">175762</partId>
<colorName>aquatic blue</colorName>
<ApparelSizeArray>
    <ApparelSize xmlns="http://www.promostandards.org/WSDL/ProductDataService/1.0.0/SharedObjects/">
        <apparelStyle>Unisex</apparelStyle>
        <labelSize>S</labelSize>
        <customSize>S</customSize>
    </ApparelSize>
</ApparelSizeArray>
</GetProductRequest>
```

Click on Validate button at the bottom right of the page
Product Information Services

Please Note: UAT data such as pricing and inventory may not reflect production environment data.
SanMar offers two product information services.

Option 1: SanMar Standard Product Information Services

SanMar getProductInfoBulk Data Service
This service creates a complete BulkInfo csv file with all of our product information for all our products which is exported to the SanMarPDD FTP folder.

SanMar getProductInfoDelta Service
This service creates a smaller BulkInfo csv file, which will be exported to the SanMarPDD FTP folder, called the Delta file with only the SKUs that have changed since your last Delta call.

SanMar getProductInfoByBrand Service
This service returns a list of products and related data based on the requested category. The response is a collection of values [listResponse] by category and returned with the product data.

SanMar getProductInfoByCategory Service
This service returns a list of products and related data based on the requested category. The response is a collection of values [listResponse] by category and returned with the product data.

SanMar getProductInfoByStyleColorSize Service
The service returns all the product data related to the information requested for a style. You can search with any combination of style-color-size, style-color or style-size and both color and size are optional parameters.

Option 2: PromoStandards Product Data Services – Version 1.0.0

PromoStandards GetProduct Data Service
The service returns all the product data.

PromoStandards GetProductCloseOut Data Service
The service returns CloseOut product data.

PromoStandards GetProductDateModified Data Service
The service returns product data from a specific date.

PromoStandards GetProductProductSellable Data Service
The service returns all the sellable or non-sellable product data
SanMar getProductBulkInfo and DeltaInfo Service

The BulkInfo service creates a data file with all our product information which is provided in our SanMarPDD FTP folder within 20 minutes after submitting your request. We recommend downloading the CSV file from our FTP to load the data in your database.

The DeltaInfo service creates an incremental data file which will contain only product data that have changed from your last Bulk or Delta request which is provided in our SanMarPDD FTP folder. We recommend replacing the existing lines of data in your database with the new data by matching the unique_key which is the unique identifier for each style number, color and size combination.

Example File Names: SanMarPI-Bulk-123456.csv or SanMarPI-Delta-123456.csv

SanMar getProductBulkInfo Service Request

PLEASE NOTE: This service does not produce an XML response and will appear to timeout due the amount of BLOB type catalog data.

```xml
<arg0>
  <sanMarCustomerNumber>5</sanMarCustomerNumber>
  <sanMarUserName>WebServices-Test</sanMarUserName>
  <sanMarUserPassword>sanmar1</sanMarUserPassword>
  <!--Optional:-->
  <senderId>?</senderId>
  <!--Optional:-->  
  <senderPassword>?</senderPassword>
</arg0>  

SanMar getProductDeltaInfo Sample RESPONSE (snipet)

```xml
<blob>
UEsDBBQACAgIACSANUcAAAAAABAAACAAAQA2U2FufWFYUkEtrcGrVsdGc5j3bsvWtzm9jarrv9/JrKq7re7rdamPfirth+IaZU7O3s6tqfXknPly4kIUszWnIpIetX/8HicKvHcE025NuVgDjDqAQG6Lyecxfv9/8n/v+/4/v3+9rvmn6Ngf33dH3cX5VQID+e3Zzdx/XN/9cXx56+S3dxn/1/8k/9788ffylan+F+3tH/86/v139Olk88sP9xXv/d/f7D/f2xU09/FT69JCuJbOr6ub9+9sv3dnnR LWX+i+g6/9fnZ/+/++n8/07Xjxd3z3fHy07n94P7n75b/L36++nB+w/y/3d7/fDgXs3efb57P7/8plq5v/j7g/7v87/3on9n
158nl+GP/86/TmwhHbxkNYz8d9R/85P9y/j9rd/njP4X87+/P3TnVhguz/1/9w6/w/2/F/NnJbfYyX+X25Kk4x4FtnJumc3e3p3ckCt
wcieWz8pZkt8xbXokf1z+3/<P3U6uvb9kplc>d/3H54fwrWeXuhFySe/2xzXk5iydnfuJZ3L4L6n9l/e/18cn4h2bki0b5c3Xy4/V9Hge
dY78e/XI+/86/881uTZXKo+<PT/HgoZ9qp0k87Gqucewaa2tkoTUFd4+T88q8zdtW/77g0mqa1b4mWZs61rNbt2Y2ks3+Hrjum69
Mjxf1/778orPV960nn3f3a+2+cPuloO29m045LXOJH4i4yjZJNGFvfhjN2knGsXzN4nJG9/j7T0dp3+YjPigYZhazb1aptow7/nxqj9/T
c4a5yb/LcB5S/zGJXZ0Jlwmrwx+Lx2DEZjumY5oLh8fhZFr3JX+jD55yypaPGkGhMfGgMKR8efKhVn6wynmd71DNEdVvdA5
ooYq1Oclml/SZAfafzwxy1Z+Kvc3Gn/cZ282p5qO4g8wh88F88F8p89VYVWbM6SyY/J1MB/MB/PRfXmzwr2RDfISG+
hdJ8EB/EF5IRh1ZyQo1U6t1kFJ/SEP4Vwp9T04k0gXNS7pihehDe3H34Vtm6PmtXgdpnsLVNdHE+SxAWZecgLagLwh4UYZ
c2G2uasLJKVYf/DSckCsDSQRFWxf1RlhHirAoFwZhVQg09QaAluzyxt1O6dUUVQ66AgFgFY1ilhJmEndrUvaGRgPWqIlnmN
pIr1EkuYsOQt1MbvxA1S17MagCot2evFElqCsyioBwBFwBXD2wRirruNlxllbmrMoALwvvlVlw9sA4q6rmFn3dKYYsmyUBWUA
WkD0wvM7H3IPVM26cQa1zcDLF8/e/nV9qfPdjFk/aUPYPS9YX7fCjYqdJMrx6nieRQHw/1PcgikXGjpbWipjPp9qgWsu67TtGI
9ft6uo5XxR93rV+2XZC2CtSrC7/ka/yobud/apoGR8mVZvblbwmkVazR6Xq2u2X60aJMdAv19AW/oTzn5e1Md8ST/fsd2N0</blob><errorOccurred>false</errorOccurred>

<message>Product Info sent successfully. CSV file is also available via FTP.</message>
</return>/ns2:getProductDeltaInfoResponse>

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### SanMar-BulkInfo/Delta CSV Data Fields

<table>
<thead>
<tr>
<th>#</th>
<th>A</th>
<th>Field Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>A</td>
<td>UNIQUE_KEY</td>
<td>Unique Identifier created as combination of INVENTORY_KEY &amp; SIZE_INDEX</td>
</tr>
<tr>
<td>2</td>
<td>B</td>
<td>PRODUCT_TITLE</td>
<td>Includes Manufacturer's name</td>
</tr>
<tr>
<td>3</td>
<td>C</td>
<td>PRODUCT_DESCRIPTION</td>
<td>Description and product features</td>
</tr>
<tr>
<td>4</td>
<td>D</td>
<td>STYLE#</td>
<td>Mill style # same as style number used in catalogs</td>
</tr>
<tr>
<td>5</td>
<td>E</td>
<td>AVAILABLE_SIZES</td>
<td>Sizes available</td>
</tr>
<tr>
<td>6</td>
<td>F</td>
<td>BRAND_LOGO_IMAGE</td>
<td>URL Image Link to Brand logo Image</td>
</tr>
<tr>
<td>7</td>
<td>G</td>
<td>THUMBNAIL_IMAGE</td>
<td>URL Image Link to Small image for Front Model Image</td>
</tr>
<tr>
<td>8</td>
<td>H</td>
<td>COLOR_SWATCH_IMAGE</td>
<td>URL Image Link to Colors available image for colors available for each style</td>
</tr>
<tr>
<td>9</td>
<td>I</td>
<td>PRODUCT_IMAGE</td>
<td>URL Image Link to Front Model Image</td>
</tr>
<tr>
<td>10</td>
<td>J</td>
<td>SPEC_SHEET</td>
<td>URL Image Link to PDF document listing specifications.</td>
</tr>
<tr>
<td>11</td>
<td>K</td>
<td>FRONT_FLAT</td>
<td>URL Image Link to Front Flat Image</td>
</tr>
<tr>
<td>12</td>
<td>L</td>
<td>BACK_FLAT</td>
<td>URL Image Link to Back Flat Image</td>
</tr>
<tr>
<td>13</td>
<td>M</td>
<td>FRONT_MODEL</td>
<td>URL Image Link to Front Model Image</td>
</tr>
<tr>
<td>14</td>
<td>N</td>
<td>BACK_MODEL</td>
<td>URL Image Link to Back Model Image</td>
</tr>
<tr>
<td>15</td>
<td>O</td>
<td>SIDE_MODEL</td>
<td>URL Image Link to Side Model Image</td>
</tr>
<tr>
<td>16</td>
<td>P</td>
<td>THREE_Q_MODEL</td>
<td>URL Image Link to Three Quarter Model Image</td>
</tr>
<tr>
<td>17</td>
<td>Q</td>
<td>PRICE_TEXT</td>
<td>Price applies to sizes text</td>
</tr>
<tr>
<td>18</td>
<td>R</td>
<td>COLOR_NAME</td>
<td>Color Name For website use</td>
</tr>
<tr>
<td>19</td>
<td>S</td>
<td>COLOR_SQUARE_IMAGE</td>
<td>URL Image Link to Color Square Image</td>
</tr>
<tr>
<td>20</td>
<td>T</td>
<td>COLOR_PRODUCT_IMAGE</td>
<td>URL Image Link to Front Model Image for all colors</td>
</tr>
<tr>
<td>21</td>
<td>U</td>
<td>COLOR_PRODUCT_IMAGE_THUMBNAIL</td>
<td>Small image for Front Model Image for all colors</td>
</tr>
<tr>
<td>22</td>
<td>V</td>
<td>SIZE</td>
<td>Product Size</td>
</tr>
<tr>
<td>23</td>
<td>W</td>
<td>PIECE_WEIGHT</td>
<td>Approximate Weight Per Piece in LBS</td>
</tr>
<tr>
<td>24</td>
<td>X</td>
<td>PIECE_PRICE</td>
<td>Price Per Piece based on 5 pieces or less of a single style &amp; color</td>
</tr>
<tr>
<td>25</td>
<td>Y</td>
<td>DOZEN_PRICE</td>
<td>Price Per Piece based on 6 pieces or more of a single style, Size &amp; color</td>
</tr>
<tr>
<td>26</td>
<td>Z</td>
<td>CASE_PRICE</td>
<td>Price per piece based upon Purchase of a case of one style, Size &amp; color</td>
</tr>
<tr>
<td>27</td>
<td>AA</td>
<td>PIECE_SALE_PRICE</td>
<td>Sale Price Per Piece based on 5 pieces or less of a single style &amp; color</td>
</tr>
<tr>
<td>28</td>
<td>AB</td>
<td>DOZEN_SALE_PRICE</td>
<td>Sale Price Per Piece based on 6 pieces or more of a single style, Size &amp; color</td>
</tr>
<tr>
<td>29</td>
<td>AC</td>
<td>CASE_SALE_PRICE</td>
<td>Sale Price per piece based upon Purchase of a case of one style, Size &amp; color</td>
</tr>
<tr>
<td>30</td>
<td>AD</td>
<td>SALE_START_DATE</td>
<td>Sale Start Date</td>
</tr>
<tr>
<td>31</td>
<td>AE</td>
<td>SALE_END_DATE</td>
<td>Sale End Date</td>
</tr>
<tr>
<td>32</td>
<td>AF</td>
<td>CASE_SIZE</td>
<td>Total # of pieces of a single one style, Size &amp; color per case</td>
</tr>
<tr>
<td>33</td>
<td>AG</td>
<td>INVENTORY_KEY</td>
<td>Proprietary Inventory Key for each one style, Size &amp; color combination</td>
</tr>
<tr>
<td>34</td>
<td>AH</td>
<td>SIZE_INDEX</td>
<td>Size category number for each size grouping</td>
</tr>
<tr>
<td>35</td>
<td>AI</td>
<td>CATALOG_COLOR</td>
<td>SanMar Mainframe Color Name for Ordering</td>
</tr>
<tr>
<td>36</td>
<td>AJ</td>
<td>PRICE_CODE</td>
<td>Suggested Retail Pricing Code (A or R)</td>
</tr>
<tr>
<td>37</td>
<td>AK</td>
<td>PRODUCT_STATUS</td>
<td>Status of Product (Coming Soon, New, Regular, Discontinued or Closeout)</td>
</tr>
<tr>
<td>38</td>
<td>AL</td>
<td>TITLE_IMAGE</td>
<td>Empty (Not currently being used)</td>
</tr>
<tr>
<td>39</td>
<td>AM</td>
<td>BRAND_NAME</td>
<td>Name of Manufacturer</td>
</tr>
<tr>
<td>40</td>
<td>AN</td>
<td>KEYWORDS</td>
<td>Product Keywords for website use</td>
</tr>
</tbody>
</table>

**Questions or Problems?** Please Email [sanmarintegrations@sanmar.com](mailto:sanmarintegrations@sanmar.com) or Call 206-727-6458

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SanMar getProductInfoByBrand Service

The following table lists the input parameters for executing an API call to the getProductInfoByBrand service.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>DESCRIPTION</th>
<th>TYPE</th>
<th>REQUIRED</th>
</tr>
</thead>
<tbody>
<tr>
<td>brand</td>
<td>Brand Name</td>
<td>String</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Brand Names

<table>
<thead>
<tr>
<th>District</th>
<th>Alternative Apparel</th>
<th>OGIO</th>
<th>Bella+Canvas</th>
</tr>
</thead>
<tbody>
<tr>
<td>District Made</td>
<td>Jerzees</td>
<td>OGIO Endurance</td>
<td>The North Face</td>
</tr>
<tr>
<td>Sport-Tek</td>
<td>Hanes</td>
<td>Eddie Bauer</td>
<td>Rabbit Skins</td>
</tr>
<tr>
<td>CornerStone</td>
<td>Red Kap</td>
<td>Russell Outdoors</td>
<td>Bulwark</td>
</tr>
<tr>
<td>Port Authority</td>
<td>Nike</td>
<td>New Era</td>
<td></td>
</tr>
<tr>
<td>Port &amp; Company</td>
<td>Precious Cargo</td>
<td>Fruit of the Loom</td>
<td></td>
</tr>
<tr>
<td>Gildan</td>
<td>Red House</td>
<td>Anvil</td>
<td></td>
</tr>
</tbody>
</table>

SanMar getProductInfoByBrand Service REQUEST

```xml
SOAP envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:impl="http://impl.webservice.integration.sanmar.com/"
<soapenv:Envelope>
  <soapenv:Header/>
  <soapenv:Body>
    <impl:getProductInfoByBrand>
      <arg0>
        <brandName>Precious Cargo</brandName>
      </arg0>
      <arg1>
        <sanMarCustomerNumber>5</sanMarCustomerNumber>
        <sanMarUserName>WebServices-Test</sanMarUserName>
        <sanMarUserPassword>sanmar1</sanMarUserPassword>
        <senderId><senderId>
        <senderPassword></senderPassword>
      </arg1>
    </impl:getProductInfoByBrand>
  </soapenv:Body>
</soapenv:Envelope>
```
SanMar getProductInfoByBrand Service Sample RESPONSE

<return>
<errorOccured>false</errorOccured>
</return>
<listResponse>
<productBasicInfo>
<availableSizes>Infant Sizes: 6M, 12M, 18M, 24M</availableSizes>
<brandName>Precious Cargo</brandName>
<caseSize>72</caseSize>
<catalogColor>White</catalogColor>
<color>White</color>
<inventoryKey>34705</inventoryKey>
<keywords>100% cotton, precious cargo, infant, baby, shoulder tee, shoulder-tee, cotton</keywords>
<pieceWeight>0.1042</pieceWeight>
<brDescription>Overlapping shoulders and a rib knit neck make dressing easy. | 4.1-ounce, 100% ring spun combed cotton Double-needle sleeves and hem</ProductDescription>
<productStatus>Closeout</productStatus>
<brTitle>Precious Cargo - Infant Lap-Shoulder Tee. CAR03</brTitle>
<size>06M</size>
<sizeIndex>2</sizeIndex>
<style>CAR03</style>
<uniqueKey>347052</uniqueKey>
</productBasicInfo>
</listResponse>
<brandLogoImage>http://cdn.sanmar.com/catalog/images/preciouscargoheader.jpg</brandLogoImage>
<colorSquareImage>http://cdn.sanmar.com/swatch/gifs/car_white.gif</colorSquareImage>
<colorSwatchImage>http://cdn.sanmar.com/catalog/images/CAR03sw.jpg</colorSwatchImage>
<brImage>http://cdn.sanmar.com/catalog/images/CAR03.jpg</brImage>
<thumbnailImage>http://cdn.sanmar.com/catalog/images/CAR03TN.jpg</thumbnailImage>
<titleImage/>
<brModel>http://cdn.sanmar.com/imglib/mresjpg/CAR03_White_Front.jpg</brModel>
<backModel/>
<sideModel/>
<backFlat/>
</productImageInfo>
</listResponse>
</listResponse>
<productPriceInfo>
<casePrice>1.29</casePrice>
<caseSalePrice>27.36</caseSalePrice>
<dozenPrice>1.79</dozenPrice>
<dozenSalePrice>4.5600000000000005</dozenSalePrice>
<piecePrice>2.29</piecePrice>
<pieceSalePrice>0.38</pieceSalePrice>
</productPriceInfo>
</listResponse>
</listResponse>
SanMar getProductInfoByCategory Service

The following table lists the input parameters for executing an API call to the getProductInfoByCategory service.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>DESCRIPTION</th>
<th>TYPE</th>
<th>REQUIRED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category</td>
<td>SanMar Category</td>
<td>String</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**CATEGORY NAMES**

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>DESCRIPTION</th>
<th>CATEGORY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activewear</td>
<td>Juniors &amp; Young Men</td>
<td>Workwear</td>
<td></td>
</tr>
<tr>
<td>Accessories</td>
<td>Sweatshirts/Fleece</td>
<td>Woven Shirts</td>
<td></td>
</tr>
<tr>
<td>T-Shirts</td>
<td>Caps</td>
<td>Outerwear</td>
<td></td>
</tr>
<tr>
<td>Bags</td>
<td>Infant &amp; Toddler</td>
<td>Ladies</td>
<td></td>
</tr>
<tr>
<td>Youth</td>
<td>Tall</td>
<td>Polos/Knits</td>
<td></td>
</tr>
</tbody>
</table>

SanMar getProductInfoByCategory Service REQUEST

```xml
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/
xmlns:impl="http://impl.webservice.integration.sanmar.com/"
<soapenv:Header/>
<soapenv:Body>
  <impl:getProductInfoByCategory>
    <arg0>
      <category>Tall</category>
    </arg0>
    <arg1>
      <sanMarCustomerNumber>5</sanMarCustomerNumber>
      <sanMarUserName>WebServices-Test</sanMarUserName>
      <sanMarUserPassword>sanmar1</sanMarUserPassword>
    </arg1>
  </impl:getProductInfoByCategory>
</soapenv:Body>
</soapenv:Envelope>
```
SanMar getProductInfoByCategory Service Sample RESPONSE

<errorOccured>false</errorOccured>
<listResponse>
<productBasicInfo>
<availableSizes>Tall Sizes: LT-4XLT</availableSizes>
<brandName>Port &amp; Company</brandName>
<caseSize>12</caseSize>
<catalogColor>Jade Green</catalogColor>
<color>Jade Green</color>
<inventoryKey>103400</inventoryKey>
<keywords>NA</keywords>
<pieceWeight>0.9583</pieceWeight>
<productDescription>A reliable choice for comfort, softness and durability. Made with up to 5% recycled polyester from plastic bottles</productDescription>
<brandName>Port &amp; Company</brandName>
<caseSize>12</caseSize>
<catalogColor>Jade Green</catalogColor>
<color>Jade Green</color>
<inventoryKey>103400</inventoryKey>
<keywords>NA</keywords>
<pieceWeight>0.9583</pieceWeight>
<productDescription>A reliable choice for comfort, softness and durability. Made with up to 5% recycled polyester from plastic bottles</productDescription>
<brandName>Port &amp; Company</brandName>
<caseSize>12</caseSize>
<catalogColor>Jade Green</catalogColor>
<color>Jade Green</color>
<inventoryKey>103400</inventoryKey>
<keywords>NA</keywords>
<pieceWeight>0.9583</pieceWeight>
<productDescription>A reliable choice for comfort, softness and durability. Made with up to 5% recycled polyester from plastic bottles</productDescription>
<brandName>Port &amp; Company</brandName>
<caseSize>12</caseSize>
<catalogColor>Jade Green</catalogColor>
<color>Jade Green</color>
<inventoryKey>103400</inventoryKey>
<keywords>NA</keywords>
<pieceWeight>0.9583</pieceWeight>
<productDescription>A reliable choice for comfort, softness and durability. Made with up to 5% recycled polyester from plastic bottles</productDescription>
<brandName>Port &amp; Company</brandName>
<caseSize>12</caseSize>
<catalogColor>Jade Green</catalogColor>
<color>Jade Green</color>
<inventoryKey>103400</inventoryKey>
<keywords>NA</keywords>
<pieceWeight>0.9583</pieceWeight>
<productDescription>A reliable choice for comfort, softness and durability. Made with up to 5% recycled polyester from plastic bottles</productDescription>
<brandName>Port &amp; Company</brandName>
<caseSize>12</caseSize>
<catalogColor>Jade Green</catalogColor>
<color>Jade Green</color>
<inventoryKey>103400</inventoryKey>
<keywords>NA</keywords>
<pieceWeight>0.9583</pieceWeight>
<productDescription>A reliable choice for comfort, softness and durability. Made with up to 5% recycled polyester from plastic bottles</productDescription>
<brandName>Port &amp; Company</brandName>
<caseSize>12</caseSize>
<catalogColor>Jade Green</catalogColor>
<color>Jade Green</color>
<inventoryKey>103400</inventoryKey>
<keywords>NA</keywords>
<pieceWeight>0.9583</pieceWeight>
<productDescription>A reliable choice for comfort, softness and durability. Made with up to 5% recycled polyester from plastic bottles</productDescription>
<brandName>Port &amp; Company</brandName>
<caseSize>12</caseSize>
<catalogColor>Jade Green</catalogColor>
<color>Jade Green</color>
<inventoryKey>103400</inventoryKey>
<keywords>NA</keywords>
<pieceWeight>0.9583</pieceWeight>
<productDescription>A reliable choice for comfort, softness and durability. Made with up to 5% recycled polyester from plastic bottles</productDescription>
<brandName>Port &amp; Company</brandName>
<caseSize>12</caseSize>
<catalogColor>Jade Green</catalogColor>
<color>Jade Green</color>
<inventoryKey>103400</inventoryKey>
<keywords>NA</keywords>
<pieceWeight>0.9583</pieceWeight>
<productDescription>A reliable choice for comfort, softness and durability. Made with up to 5% recycled polyester from plastic bottles</productDescription>
<brandName>Port &amp; Company</brandName>
<caseSize>12</caseSize>
<catalogColor>Jade Green</catalogColor>
<color>Jade Green</color>
<inventoryKey>103400</inventoryKey>
<keywords>NA</keywords>
<pieceWeight>0.9583</pieceWeight>
<productDescription>A reliable choice for comfort, softness and durability. Made with up to 5% recycled polyester from plastic bottles</productDescription>
<brandName>Port &amp; Company</brandName>
<caseSize>12</caseSize>
<catalogColor>Jade Green</catalogColor>
<color>Jade Green</color>
<inventoryKey>103400</inventoryKey>
<keywords>NA</keywords>
<pieceWeight>0.9583</pieceWeight>
<productDescription>A reliable choice for comfort, softness and durability. Made with up to 5% recycled polyester from plastic bottles</productDescription>
<brandName>Port &amp; Company</brandName>
<caseSize>12</caseSize>
<catalogColor>Jade Green</catalogColor>
<color>Jade Green</color>
<inventoryKey>103400</inventoryKey>
<keywords>NA</keywords>
<pieceWeight>0.9583</pieceWeight>
<productDescription>A reliable choice for comfort, softness and durability. Made with up to 5% recycled polyester from plastic bottles</productDescription>
<brandName>Port &amp; Company</brandName>
<caseSize>12</caseSize>
<catalogColor>Jade Green</catalogColor>
<color>Jade Green</color>
<inventoryKey>103400</inventoryKey>
<keywords>NA</keywords>
<pieceWeight>0.9583</pieceWeight>
<productDescription>A reliable choice for comfort, softness and durability. Made with up to 5% recycled polyester from plastic bottles</productDescription>
<brandName>Port &amp; Company</brandName>
<caseSize>12</caseSize>
<catalogColor>Jade Green</catalogColor>
<color>Jade Green</color>
<inventoryKey>103400</inventoryKey>
<keywords>NA</keywords>
<pieceWeight>0.9583</pieceWeight>
<productDescription>A reliable choice for comfort, softness and durability. Made with up to 5% recycled polyester from plastic bottles</productDescription>
<brandName>Port &amp; Company</brandName>
<caseSize>12</caseSize>
<catalogColor>Jade Green</catalogColor>
<color>Jade Green</color>
<inventoryKey>103400</inventoryKey>
<keywords>NA</keywords>
<pieceWeight>0.9583</pieceWeight>
<productDescription>A reliable choice for comfort, softness and durability. Made with up to 5% recycled polyester from plastic bottles</productDescription>
<brandName>Port &amp; Company</brandName>
<caseSize>12</caseSize>
<catalogColor>Jade Green</catalogColor>
<color>Jade Green</color>
<inventoryKey>103400</inventoryKey>
<keywords>NA</keywords>
<pieceWeight>0.9583</pieceWeight>
<productDescription>A reliable choice for comfort, softness and durability. Made with up to 5% recycled polyester from plastic bottles</productDescription>
SanMar getProductInfoByStyleColorSize Service

The following table lists the input parameters for executing an API call to the getProductInfoByStyleColorSize service, in addition to the authentication parameters.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Field Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>style</td>
<td>Yes</td>
<td>String</td>
<td>STYLE# - Example: K500</td>
</tr>
<tr>
<td>color</td>
<td>No</td>
<td>String</td>
<td>CATALOGCOLOR - Example: Black</td>
</tr>
<tr>
<td>size</td>
<td>No</td>
<td>String</td>
<td>SIZE - Example: XL</td>
</tr>
</tbody>
</table>

SanMar getProductInfoByStyleColorSize REQUEST

```xml
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
    xmlns:impl="http://impl.webservice.integration.sanmar.com/"
    xmlns:ns1="http://impl.webservice.integration.sanmar.com/">
    <soapenv:Header/>
    <soapenv:Body>
        <impl:getProductInfoByStyleColorSize>
            <!-- Zero or more repetitions:-->
            <arg0>
                <style>pc61</style>
                <size>S</size>
                <color>White</color>
            </arg0>
            <!-- Optional:-->
            <arg1>
                <sanMarCustomerNumber>5</sanMarCustomerNumber>
                <sanMarUserName>WebServices-Test</sanMarUserName>
                <sanMarUserPassword>sanmar1</sanMarUserPassword>
                <!-- Optional:-->
            </arg1>
        </impl:getProductInfoByStyleColorSize>
    </soapenv:Body>
</soapenv:Envelope>
```
SanMar getProductInfoByStyleColorSize Service RESPONSE Information

The response is a collection of values [listResponse] with the style, color, size and all of the following fields in the table below. The response from the getProductInfoByStyleColorSize returns a message response on success or failure. If the “errorOccurred” = false, the message “Product Info sent successfully.” is returned. If the “errorOccurred” = true, an error message is returned.

The following section describes the output returned for the getProductInfoByStyleColorSize API response.

<table>
<thead>
<tr>
<th>Attribute Name</th>
<th>Example</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>availableSizes</td>
<td>Adult Sizes: XS-6XL, Youth Sizes: XS(2-4) S(6-8) M(10-12) L(14-16) XL(18-20)</td>
<td>Available Sizes</td>
</tr>
<tr>
<td>brandName</td>
<td>Port Authority, Hanes, Sport-Tek, Jerzees</td>
<td># of Pieces In Case</td>
</tr>
<tr>
<td>caseSize</td>
<td>36, 12, 72</td>
<td>Size of the case – no of pieces in one case</td>
</tr>
<tr>
<td>catalogColor</td>
<td>White, Athletic Hthr, Ath. Maroon</td>
<td>SanMar Mainframe Color</td>
</tr>
<tr>
<td>color</td>
<td>White, Athletic Heather, Athletic Maroon</td>
<td>Full Color Name</td>
</tr>
<tr>
<td>inventoryKey</td>
<td>10566</td>
<td>SanMar Product Identifier</td>
</tr>
<tr>
<td>keywords</td>
<td>polo, polos, xs, s, m, l, xl, 2xl, 3xl, 4xl, 5xl, 6xl, xxxl, xxxx, 420, button, knit, pique</td>
<td>Product Keywords</td>
</tr>
<tr>
<td>pieceWeight</td>
<td>0.6094</td>
<td>Approximate Weight Per Piece – lbs./piece – Final weight determined at shipping.</td>
</tr>
<tr>
<td>productDescription</td>
<td>A favorite year after year this polo’s are known for their exceptional range of colors styles and sizes. The soft pique knit is shrink-resistant and easy to care for so your group will always lookitsbest. 7-ounce 100% ring spun combed cotton heavyweight pique (preshrunk) Garment washed for softness Double-needle stitching throughout Flat knit collar and cuffs Horn-tone buttons Locker patch Side vents</td>
<td>Product Description and features</td>
</tr>
<tr>
<td>productStatus</td>
<td>Active, Discontinued, Closeout, New, Coming Soon, Regular</td>
<td>Current Status of Product</td>
</tr>
<tr>
<td>productTitle</td>
<td>Port Authority - Pique Knit Polo. K420, JERZEES - Youth</td>
<td></td>
</tr>
<tr>
<td>size</td>
<td>XS, S, M, L, XL, 2XL</td>
<td>Y or N (Yes or No)</td>
</tr>
<tr>
<td>sizeIndex</td>
<td>1, 2, 3, 4,5</td>
<td>Product Size Identifier 1-5 represents XS-XL as well as 2XL-6XL</td>
</tr>
<tr>
<td>style</td>
<td>K420, PC61</td>
<td>STYLE# - Example K500</td>
</tr>
<tr>
<td>uniqueKey</td>
<td>105661</td>
<td>Unique Product Identifier (Inventory Key + Size Index)</td>
</tr>
<tr>
<td>brandLogoImage</td>
<td><a href="http://cdn.sanmar.com/catalog/images/portauthorityheader.jpg">http://cdn.sanmar.com/catalog/images/portauthorityheader.jpg</a></td>
<td>URL Image Link to Brand logo Image</td>
</tr>
<tr>
<td>colorSquareImage</td>
<td></td>
<td>URL Image Link to Color of product</td>
</tr>
<tr>
<td>colorSwatchImage</td>
<td><a href="http://cdn.sanmar.com/catalog/images/PC61sw.jpg">http://cdn.sanmar.com/catalog/images/PC61sw.jpg</a></td>
<td>URL Image Link to Colors available image for colors available for each style</td>
</tr>
<tr>
<td>--------------------</td>
<td>-----------------------------------------------</td>
<td>--------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>thumbnailImage</td>
<td>105661</td>
<td>URL Image Link to Small image for Front Model Image</td>
</tr>
<tr>
<td>titleImage</td>
<td>Not Used</td>
<td></td>
</tr>
<tr>
<td>frontModel</td>
<td>29M_White_Model_Front_082510.jpg</td>
<td>URL Image Link to Front Model Image</td>
</tr>
<tr>
<td>backFlat</td>
<td><a href="http://cdn.sanmar.com/imglib/mresjpg/29M_White_Flat_Back_2009.jpg">http://cdn.sanmar.com/imglib/mresjpg/29M_White_Flat_Back_2009.jpg</a></td>
<td>URL Image Link to Back Flat Image</td>
</tr>
<tr>
<td>frontFlat</td>
<td><a href="http://cdn.sanmar.com/imglib/mresjpg/2015/f6/29M_white_flat_front.jpg">http://cdn.sanmar.com/imglib/mresjpg/2015/f6/29M_white_flat_front.jpg</a></td>
<td>URL Image Link to Front Flat Image</td>
</tr>
<tr>
<td>threeQModel</td>
<td><a href="http://cdn.sanmar.com/imglib/mresjpg/2014/f13/5170_white_model_3q_072014.jpg">http://cdn.sanmar.com/imglib/mresjpg/2014/f13/5170_white_model_3q_072014.jpg</a></td>
<td>URL Image Link to Three Quarter Model Image</td>
</tr>
<tr>
<td>casePrice</td>
<td>1.76</td>
<td>Price per piece based upon Purchase of a case of one style, size &amp; color</td>
</tr>
<tr>
<td>caseSalePrice</td>
<td>99.35999999999999</td>
<td>Sale Price per piece based upon Purchase of a case of one style, size &amp; color</td>
</tr>
<tr>
<td>dozenPrice</td>
<td>2.26</td>
<td>Sale Price Per Piece based on 6 pieces or more of a single style, size &amp; color</td>
</tr>
<tr>
<td>dozenSalePrice</td>
<td>16.56</td>
<td>Price Per Piece based on 6 pieces or more of a single style, size &amp; color</td>
</tr>
<tr>
<td>piecePrice</td>
<td>2.76</td>
<td>Price Per Piece based on 5 pieces or less of a single style &amp; color</td>
</tr>
<tr>
<td>pieceSalePrice</td>
<td>1.38</td>
<td>Sale Price Per Piece based on 5 pieces or less of a single style &amp; color</td>
</tr>
<tr>
<td>priceCode</td>
<td>A</td>
<td>Price Text</td>
</tr>
<tr>
<td>priceText</td>
<td>Price applies to sizes XS-XL</td>
<td>Manufacture Pricing Code</td>
</tr>
<tr>
<td>saleEndDate</td>
<td>2015-09-20</td>
<td>Sale End Date</td>
</tr>
<tr>
<td>saleStartDate</td>
<td>2015-09-14</td>
<td>Sale Start Date</td>
</tr>
</tbody>
</table>
SanMar getProductInfoByStyleColorSize SERVICE RESPONSE

  <productBasicInfo>
    <availableSizes>Adult Sizes: S-6XL</availableSizes>
    <brandName>Port & Company</brandName>
    <caseSize>72</caseSize>
    <catalogColor>White</catalogColor>
    <color>White</color>
    <inventoryKey>11803</inventoryKey>
    <keywords>NA</keywords>
    <pieceWeight>0.4427</pieceWeight>
    <productDescription>Heavyweight 6.1-ounce, 100% soft spun cotton (preshrunk)</productDescription>
    <productStatus>Active</productStatus>
    <productTitle>Port & Company - Essential T-Shirt. PC61</productTitle>
    <size>S</size>
    <sizeIndex>2</sizeIndex>
    <style>PC61</style>
    <uniqueKey>118032</uniqueKey>
  </productBasicInfo>

  <colorSquareImage>http://cdn.sanmar.com/swatch/gifs/port_white.gif</colorSquareImage>

  <frontModel>http://cdn.sanmar.com/imglib/mresjpg/PC61_White_Model_Front_2010.jpg</frontModel>
  <backModel>http://cdn.sanmar.com/imglib/mresjpg/2012/f1/PC61_White_back_FS06.jpg</backModel>
  <threeQModel>http://cdn.sanmar.com/catalog/images/PC61.jpg</threeQModel>

  <productPriceInfo>
    <casePrice>1.76</casePrice>
    <caseSalePrice>102.96</caseSalePrice>
    <dozenPrice>2.26</dozenPrice>
    <dozenSalePrice>17.16</dozenSalePrice>
    <piecePrice>2.76</piecePrice>
    <pieceSalePrice>1.43</pieceSalePrice>
    <priceCode>A</priceCode>
    <priceText>Price applies to sizes S-XL</priceText>
    <saleEndDate>2015-08-23</saleEndDate>
    <saleStartDate>2015-08-17</saleStartDate>
  </productPriceInfo>

</listResponse>
<message>Product Info sent successfully.</message>

Questions or Problems? Please Email sanmarintegrations@sanmar.com or Call 206-727-6458

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Promostandards - Product Data Services V1.0.0

UAT WSDL: https://uat-ws.sanmar.com:8080/promostandards/ProductDataServiceBinding?wsdl
PRODUCTION WSDL: https://ws.sanmar.com:8080/promostandards/ProductDataServiceBinding?wsdl

Please note: not all of the requested information is available, such as; shipping and pricing information.

Standardized Error Codes

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>CODE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>ID (customerID) not found</td>
<td>104</td>
<td>This account is unauthorized to use this service. Please contact the service provider</td>
<td>105</td>
<td>Authentication Credentials failed</td>
</tr>
<tr>
<td>104</td>
<td>This account is unauthorized to use this service. Please contact the service provider</td>
<td>105</td>
<td>Authentication Credentials failed</td>
<td>110</td>
<td>Authentication Credentials required</td>
</tr>
<tr>
<td>110</td>
<td>Authentication Credentials required</td>
<td>115</td>
<td>wsVersion not found</td>
<td>120</td>
<td>The following field(s) are required [Comma Delimited field names]</td>
</tr>
<tr>
<td>115</td>
<td>wsVersion not found</td>
<td>125</td>
<td>Not Supported: [details]</td>
<td>140</td>
<td>Part Id not found</td>
</tr>
<tr>
<td></td>
<td></td>
<td>145</td>
<td>Part color not found</td>
<td>150</td>
<td>Part size not found</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Promostandards GetProduct Data Service Request Parameters

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>INPUT</th>
<th>EXAMPLE</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Max Chars</th>
</tr>
</thead>
<tbody>
<tr>
<td>wsVersion</td>
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<td>1.0.0</td>
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<td>String</td>
<td>64</td>
</tr>
<tr>
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<td>SanMar.com Username</td>
<td>WebServices-Test</td>
<td>Yes</td>
<td>String</td>
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</tr>
<tr>
<td>password</td>
<td>SanMar.com Password</td>
<td>sanmar1</td>
<td>Yes</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>localizationCountry</td>
<td>Country Code</td>
<td>us</td>
<td>Yes</td>
<td>String</td>
<td>2</td>
</tr>
<tr>
<td>localizationLanguage</td>
<td>Language Code</td>
<td>en</td>
<td>Yes</td>
<td>String</td>
<td>2</td>
</tr>
<tr>
<td>productId</td>
<td>SanMar Style#</td>
<td>PC61</td>
<td>No</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>partId</td>
<td>SanMar Unique Key</td>
<td>175762</td>
<td>No</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>colorName</td>
<td>SanMar Mainframe or catalog_color Name</td>
<td>Aquatic Blue</td>
<td>No</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>ApparelSizeArray</td>
<td>To collect data for a specific size productId &amp; partId are required</td>
<td>Aquatic Blue</td>
<td>No</td>
<td>String</td>
<td>64</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Required</th>
<th>Type</th>
<th>Max Chars</th>
</tr>
</thead>
</table>

*apparelStyle | Product Type | Unisex, Adult, Mens, Womens, Youth, MensTall | No | String | 64 |

*labelSize | Product Size: CUSTOM for Pant Sizes | XS - 6XL | No | String | 64 |

*customSize | Pant Sizes | Ex: 2737 or XS - 6XL | No | No | String | 64 |

Questions or Problems? Please Email sanmarintegrations@sanmar.com or Call 206-727-6458
Promostandards GetProduct Data Service Request Schema

```xml
<shar:wsVersion>1.0.0</shar:wsVersion>
<shar:id>WebServices-Test</shar:id>
<shar:password>sanmar1</shar:password>
<shar:localizationCountry>us</shar:localizationCountry>
<shar:localizationLanguage>en</shar:localizationLanguage>
<shar:productld>pc61</shar:productld> <!--Optional:-->
<shar:partId>175762</shar:partId> <!--Optional:-->
<ns:colorName>Aquatic Blue</ns:colorName> <!--Optional:-->
<shar:apparelStyle>Mens</shar:apparelStyle>
<shar:labelSize>S</shar:labelSize>
<shar:customSize>$</shar:customSize> <!--Optional:-->
```

Promostandards GetProduct Data Service Response

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>OUTPUT</th>
<th>EXAMPLE</th>
<th>TYPE</th>
<th>Max Chars</th>
</tr>
</thead>
<tbody>
<tr>
<td>productId</td>
<td>SanMar Style#</td>
<td>PC61</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>productName</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>description</td>
<td>Product Description</td>
<td>A year-round essential, our best-selling t-shirt</td>
<td>String</td>
<td>2048</td>
</tr>
<tr>
<td>keyword</td>
<td>Search Keywords</td>
<td>embroidering, screen printing,</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>export</td>
<td>Not Used</td>
<td>false</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>partId</td>
<td>SanMar Unique Key</td>
<td>175762</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>colorName</td>
<td>SanMar Mainframe or catalog_color Name</td>
<td>Aquatic Blue</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>apparelStyle</td>
<td>Product Type</td>
<td>Unisex or Mens</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>labelSize</td>
<td>Product Size</td>
<td>XS - 6XL</td>
<td>String</td>
<td>6</td>
</tr>
<tr>
<td>isRushService</td>
<td>N/A</td>
<td>false</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>packageType</td>
<td>N/A</td>
<td>Not Available</td>
<td>String</td>
<td>256</td>
</tr>
<tr>
<td>quantity</td>
<td>Number of pieces</td>
<td>1</td>
<td>Decimal</td>
<td>5</td>
</tr>
<tr>
<td>dimensionUom</td>
<td>Type of measurement</td>
<td>FT</td>
<td>String</td>
<td>2</td>
</tr>
<tr>
<td>depth</td>
<td>Not supplied</td>
<td>0</td>
<td>Decimal</td>
<td>5</td>
</tr>
<tr>
<td>height</td>
<td>Not supplied</td>
<td>0</td>
<td>Decimal</td>
<td>5</td>
</tr>
<tr>
<td>width</td>
<td>Not supplied</td>
<td>0</td>
<td>Decimal</td>
<td>5</td>
</tr>
<tr>
<td>weightUom</td>
<td>Type of Measurement</td>
<td>LB</td>
<td>String</td>
<td>2</td>
</tr>
<tr>
<td>weight</td>
<td>Not supplied</td>
<td>0</td>
<td>Decimal</td>
<td>2</td>
</tr>
<tr>
<td>effectiveDate</td>
<td>Last Update Timestamp</td>
<td>2017-12-10T04:00:00.000-08:00</td>
<td>ISO 8601</td>
<td>29</td>
</tr>
<tr>
<td>isCloseout</td>
<td>Closeout Style?</td>
<td>True or false</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>isCaution</td>
<td>Caution?</td>
<td>True or false</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>isOnDemand</td>
<td>OnDemand?</td>
<td>True or false</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>isHazmat</td>
<td>Hazmat?</td>
<td>True or false</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>lastChangeDate</td>
<td>Last Timestamp Update</td>
<td>2017-12-10T04:00:00.000-08:00</td>
<td>ISO 8601</td>
<td>30</td>
</tr>
</tbody>
</table>
Promostandards GetProduct Data Service XML Response

<Product>
    <ns2:productId>PC61</ns2:productId>
    <productName>PC61</productName>
    <ns2:description>A year-round essential, our best-selling t-shirt has been voted "most popular" by groups, teams, clubs and schools across America. 6.1-ounce, 100% soft spun cotton 98/2 cotton/poly (Ash) 90/10 cotton/poly (Athletic Heather) 50/50 cotton/poly</ns2:description>
    <ProductKeywordArray>
        <ProductKeyword>
            <keyword>embroidery, embroider, screen printing, screenprinting, screen-print, heat transfer, heat transferring, heat-transfering, heat seal, heat sealing</keyword>
        </ProductKeyword>
    </ProductKeywordArray>
    <export>false</export>
    <ProductPartArray>
        <ProductPart>
            <ns2:partId>175762</ns2:partId>
            <ColorArray>
                <Color>
                    <colorName>Aquatic Blue</colorName>
                </Color>
            </ColorArray>
            <ns2:ApparelSize>
                <ns2:apparelStyle>Mens</ns2:apparelStyle>
                <ns2:labelSize>S</ns2:labelSize>
            </ns2:ApparelSize>
            <isRushService>false</isRushService>
            <ShippingPackageArray>
                <ShippingPackage>
                    <ns2:packageType>Not Available</ns2:packageType>
                    <ns2:quantity>1</ns2:quantity>
                    <ns2:dimensionUom>FT</ns2:dimensionUom>
                    <ns2:depth>0</ns2:depth><ns2:height>0</ns2:height><ns2:width>0</ns2:width>
                    <ns2:weightUom>LB</ns2:weightUom>
                    <ns2:weight>0</ns2:weight></ShippingPackage>
                </ShippingPackageArray>
                <ns2:effectiveDate>2017-12-05T04:00:00.000</ns2:effectiveDate>
                <ns2:isCloseout>false</ns2:isCloseout>
                <isOnDemand>false</isOnDemand>
                <isHazmat>false</isHazmat>
            </ProductPart>
        </ProductPart>
    </ProductPartArray>
</Product>
Promostandards GetProductCloseOut Data Service Request Parameters

The service returns product information in the promostandards ProductCloseOut data version 1.0.0 format.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>INPUT</th>
<th>EXAMPLE</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Max Chars</th>
</tr>
</thead>
<tbody>
<tr>
<td>wsVersion</td>
<td>Promostandard Version</td>
<td>1.0.0</td>
<td>Yes</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>id</td>
<td>SanMar.com Username</td>
<td>WebServices-Test</td>
<td>Yes</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>password</td>
<td>SanMar.com Password</td>
<td>12341234</td>
<td>Yes</td>
<td>String</td>
<td>64</td>
</tr>
</tbody>
</table>

Promostandards GetProductCloseOut Data Service Request Schema

```xml
<ns:GetProductCloseOutRequest>
  <shar:wsVersion>1.0.0</shar:wsVersion>
  <shar:id>WebServices-Test</shar:id>
  <shar:password>sanmar1</shar:password>
</ns:GetProductCloseOutRequest>
```

Promostandards GetProductCloseOut Data Service Response

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>INPUT</th>
<th>EXAMPLE</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Max Chars</th>
</tr>
</thead>
<tbody>
<tr>
<td>productId</td>
<td>SanMar Style #</td>
<td>PC61</td>
<td>Yes</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>partId</td>
<td>SanMar Unique Key</td>
<td>179603</td>
<td>Yes</td>
<td>String</td>
<td>64</td>
</tr>
</tbody>
</table>

Promostandards GetProduct Data Service XML Response

```xml
<ProductCloseOutArray>
  <ProductCloseOut>
    <ns2:productId>054X</ns2:productId>
    <ns2:partId>179543</ns2:partId>
  </ProductCloseOut>
</ProductCloseOutArray>
```
Promostandards GetProductDateModified Data Service Request Parameters
The service returns product information in the promostandards GetProductDateModified data version 1.0.0 format.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>INPUT</th>
<th>EXAMPLE</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Max Chars</th>
</tr>
</thead>
<tbody>
<tr>
<td>wsVersion</td>
<td>Promostandard Version</td>
<td>1.0.0</td>
<td>Yes</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>id</td>
<td>SanMar.com Username</td>
<td></td>
<td>Yes</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>password</td>
<td>SanMar.com Password</td>
<td></td>
<td>Yes</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>changeTimeStamp</td>
<td></td>
<td>2017-12-12T00:00:00.000-08:00</td>
<td>Yes</td>
<td>ISO 8601</td>
<td>30</td>
</tr>
</tbody>
</table>

Promostandards GetProductDateModified Data Service Request Schema

```xml
<ns:GetProductDateModifiedRequest>
  <shar:wsVersion>1.0.0</shar:wsVersion>
  <shar:id>WebServices-Test</shar:id>
  <shar:password>sanmar1</shar:password>
  <shar:changeTimeStamp>2017-12-12T00:00:00.000-08:00</shar:changeTimeStamp>
</ns:GetProductDateModifiedRequest>
```

Promostandards GetProductDateModified Data Service Response

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>INPUT</th>
<th>EXAMPLE</th>
<th>TYPE</th>
<th>Max Chars</th>
</tr>
</thead>
<tbody>
<tr>
<td>productId</td>
<td>SanMar Style #</td>
<td>PC61</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>partId</td>
<td>SanMar Unique_Key</td>
<td>179603</td>
<td>String</td>
<td>64</td>
</tr>
</tbody>
</table>

Promostandards GetProductDateModified Service XML Response

```xml
<ProductDateModifiedArray>
  <ProductDateModified>
    <ns2:productId>2000</ns2:productId>
    <ns2:partId>263092</ns2:partId>
  </ProductDateModified>
</ProductDateModifiedArray>
```
Promostandards GetProductProductSellable Data Request Parameters
The service returns product information in the promostandards GetProductProductSellable data version 1.0.0 format.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>INPUT</th>
<th>EXAMPLE</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Max Chars</th>
</tr>
</thead>
<tbody>
<tr>
<td>wsVersion</td>
<td>Promostandard Version</td>
<td>1.0.0</td>
<td>Yes</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>id</td>
<td>SanMar.com Username</td>
<td></td>
<td>Yes</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>password</td>
<td>SanMar.com Password</td>
<td></td>
<td>Yes</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>productId</td>
<td>SanMar Style #</td>
<td>PC61</td>
<td>No</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>partId</td>
<td>SanMar Unique_Key</td>
<td>179603</td>
<td>No</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>isSellable</td>
<td>True = sellable SKUs</td>
<td>true or false</td>
<td>True</td>
<td>String</td>
<td>64</td>
</tr>
</tbody>
</table>

Promostandards GetProductProductSellable Data Service Request Schema

```xml
<ns:GetProductSellableRequest>
  <shar:wsVersion>1.0.0</shar:wsVersion>
  <shar:id>WebServices-Test</shar:id>
  <shar:password>sanmar1</shar:password>
  <shar:productId>LOG105</shar:productId>
  <shar:isSellable>true</shar:isSellable>
</ns:GetProductSellableRequest>
```

Promostandards GetProductDateModified Data Service Response

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>INPUT</th>
<th>EXAMPLE</th>
<th>TYPE</th>
<th>Max Chars</th>
</tr>
</thead>
<tbody>
<tr>
<td>productId</td>
<td>SanMar Style #</td>
<td>PC61</td>
<td>String</td>
<td>64</td>
</tr>
<tr>
<td>partId</td>
<td>SanMar Unique_Key</td>
<td>179603</td>
<td>String</td>
<td>64</td>
</tr>
</tbody>
</table>

Promostandards GetProductDateModified Service XML Response

```xml
<ProductSellable>
  <ns2:productId>LOG105</ns2:productId>
  <ns2:partId>583922</ns2:partId>
</ProductSellable>
```
Product Inventory Services
SanMar offers two product inventory services.

Option 1: SanMar Standard Product Inventory
SanMar product inventory service requires the submission of style, color and size and returns a maximum available quantity of 500 from each warehouse displayed in a list format.


getInventoryQtyForStyleColorSize Service
This service returns a list of available quantities from all our warehouses for the requested product. The response is a collection of values [listResponse] and each individual element can be casted as an integer value for further processing as needed.

getInventoryQtyForStyleColorSizeByWhse Service
The parameters for a request to include a warehouse location are the same as the getInventoryQtyForStyleColorSize service with the addition of the warehouse numeral. This service returns the quantity available from a single warehouse location based on the requested product and location. The response returns a single value and can be casted as an integer value for further processing as needed.

Option 2: Promostandards Inventory Service - V1.2.1
PromoStandards Inventory Service allows you to pull inventory based on Style or style/color or style/size or style/size/color. This service returns consolidated warehouse inventory with a maximum available quantity of 500.

PRODUCTION WSDL: https://ws.sanmar.com:8080/promostandards/InventoryServiceBinding?wsdl
For more information about PromoStandard please visit: http://www.promostandards.org.
SanMar Standard Product Inventory Service

Authentication
The authentication for this call is a little different than the other calls and as is as follows.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>DESCRIPTION for purposes of authentication</th>
</tr>
</thead>
<tbody>
<tr>
<td>arg0 - SanmarCustomerNumber</td>
<td>Yes</td>
<td>String</td>
<td>Valid Customer Number</td>
</tr>
<tr>
<td>arg1 - SanMarUserName</td>
<td>Yes</td>
<td>String</td>
<td>Valid SanMar Web Username</td>
</tr>
<tr>
<td>arg2 - SanMarUserPassword</td>
<td>Yes</td>
<td>String</td>
<td>Valid SanMar Web User Password</td>
</tr>
</tbody>
</table>

Please Note: This returns a list response that does not designate the warehouse number and should be interpreted as the following Warehouse number and corresponding state.

Warehouse Location Designations

<table>
<thead>
<tr>
<th>WhseNo</th>
<th>City</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Seattle</td>
<td>WA</td>
</tr>
<tr>
<td>2</td>
<td>Cincinnati</td>
<td>OH</td>
</tr>
<tr>
<td>3</td>
<td>Dallas</td>
<td>TX</td>
</tr>
<tr>
<td>4</td>
<td>Reno</td>
<td>NV</td>
</tr>
<tr>
<td>5</td>
<td>Robbinsville</td>
<td>NJ</td>
</tr>
<tr>
<td>6</td>
<td>Jacksonville</td>
<td>FL</td>
</tr>
<tr>
<td>7</td>
<td>Minneapolis</td>
<td>MN</td>
</tr>
<tr>
<td>12</td>
<td>Phoenix</td>
<td>AZ</td>
</tr>
</tbody>
</table>

* The Arizona warehouse is 12 due to virtual warehouses that are assigned to warehouses 8, 9, 10 & 11 in our system.

SanMar getInventoryQtyForStyleColorSize Service REQUEST
The following table lists the input parameters for executing an API call to the getInventoryQtyForStyleColorSize service.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Field Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>arg3 - Style</td>
<td>Yes</td>
<td>String</td>
<td>STYLE# - Example: K500</td>
</tr>
<tr>
<td>arg4 - Color</td>
<td>Yes</td>
<td>String</td>
<td>CATALOGCOLOR-Example: Black</td>
</tr>
<tr>
<td>arg5 - Size</td>
<td>Yes</td>
<td>String</td>
<td>SIZE - Example: XL</td>
</tr>
</tbody>
</table>

The following demonstrates an API call for the product L223 in the color Pearl Grey, size large (L).

```xml
<web:getInventoryQtyForStyleColorSize>
  <arg0>5</arg0>
  <arg1>WebServices-Test</arg1>
  <arg2>sanmar1</arg2>
  <arg3>L223</arg3>
  <arg4>Pearl Grey</arg4>
  <arg5>L</arg5>
</web:getInventoryQtyForStyleColorSize>
```
SanMar getInventoryQtyForStyleColorSize Service RESPONSE

The following sections describe the output fields that are returned for the getInventoryQtyForStyleColorSize API call.

```xml
  511
</listResponse>  <!-- WHSE# 1 -->
  0
</listResponse>  <!-- WHSE# 2 -->
  53
</listResponse>  <!-- WHSE# 3 -->
  86
</listResponse>  <!-- WHSE# 4 -->
  56
</listResponse>  <!-- WHSE# 5 -->
  146
</listResponse>  <!-- WHSE# 6 -->
  134
</listResponse>  <!-- WHSE# 12 -->
<message>Inventory returned successfully</message></return>
```

SanMar getInventoryQtyForStyleColorSizeByWhse Service

Using the same authentication parameters, just add the additional whseNo Parameter into arg6.

The following table lists the parameters for executing an API call to the getInventoryQtyForStyleColorSizeByWhse service.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Field Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>arg3 - Style</td>
<td>Yes</td>
<td>String</td>
<td>STYLE# - Example: K500</td>
</tr>
<tr>
<td>arg4 - Color</td>
<td>Yes</td>
<td>String</td>
<td>CATALOGCOLOR- Example: Black</td>
</tr>
<tr>
<td>arg5 - Size</td>
<td>Yes</td>
<td>String</td>
<td>SIZE - Example: XL</td>
</tr>
<tr>
<td>Arg6 – Warehouse #</td>
<td>Yes</td>
<td>String</td>
<td>Warehouse Number – Example: 2</td>
</tr>
</tbody>
</table>

SanMar getInventoryQtyForStyleColorSizeByWhse Service REQUEST

The following demonstrates an API call for the product K420 in the color black, size small (S) from warehouse 3.

```xml
<web:getInventoryQtyForStyleColorSizeByWhse>
  <arg0>5</arg0>
  <arg1>WebServices-Test</arg1>
  <arg2>sanmar1</arg2>
  <arg3>K420</arg3>
  <arg4>Black</arg4>
  <arg5>S</arg5>
  <arg6>3</arg6>
</web:getInventoryQtyForStyleColorSizeByWhse>
```

SanMar getInventoryQtyForStyleColorSizeByWhse Service RESPONSE

```xml
<message>Request Fulfilled Successfully!</message>
  500
</response>
```

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Promostandards Inventory Services - V1.2.1 & V2.0.0

UAT WSDL: https://uat-ws.sanmar.com:8080/promostandards/InventoryServiceBinding?wsdl
PRODUCTION WSDL: https://ws.sanmar.com:8080/promostandards/InventoryServiceBinding?wsdl

Please Note: SanMar does not currently support GetFilterValues

PromoStandard getInventoryLevels Inventory REQUEST Parameters

The following table lists the input parameters for executing an API call to the getPricing service.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Field Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>wsVersion</td>
<td>Yes</td>
<td>String</td>
<td>1.2.1</td>
</tr>
<tr>
<td>id</td>
<td>Yes</td>
<td>String</td>
<td>SanMar.com User name</td>
</tr>
<tr>
<td>password</td>
<td>Yes</td>
<td>String</td>
<td>SanMar.com Password</td>
</tr>
<tr>
<td>productID</td>
<td>Yes</td>
<td>String</td>
<td>Style Number ex. (K500)</td>
</tr>
</tbody>
</table>

Promostandards getInventoryLevels Inventory Error Messages

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>Error Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>ID (customerID) not found</td>
</tr>
<tr>
<td>104</td>
<td>This account is unauthorized to use this service. Please contact the service provider</td>
</tr>
<tr>
<td>105</td>
<td>Authentication Credentials failed - SanMar Username or Password is incorrect</td>
</tr>
<tr>
<td>110</td>
<td>Authentication Credentials required</td>
</tr>
<tr>
<td>115</td>
<td>wsVersion not found</td>
</tr>
<tr>
<td>120</td>
<td>The following field(s) are required [Comma Delimited field names]</td>
</tr>
<tr>
<td>125</td>
<td>Not Supported: [details]</td>
</tr>
<tr>
<td>200</td>
<td>ProductID not found</td>
</tr>
<tr>
<td>999</td>
<td>General Error – Contact the System Service Provider Details: [Details]</td>
</tr>
</tbody>
</table>

Promostandards getInventoryLevels Inventory V1.2.1 REQUEST Parameters

The following table lists the input parameters for executing an API call to the getPricing service.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Field Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>productIDtype</td>
<td>Yes</td>
<td>String</td>
<td>Vendor Type = Supplier</td>
</tr>
<tr>
<td>filterColor</td>
<td>No</td>
<td>String</td>
<td>Product Catalog Color Name ex. (white, jet black, royal, true navy)</td>
</tr>
<tr>
<td>filterSize</td>
<td>No</td>
<td>String</td>
<td>Product Size ex. (S, M, L, XL, 2XL)</td>
</tr>
</tbody>
</table>

Promostandards getInventoryLevels V1.2.1 REQUEST

<ns:wsVersion>1.2.1</ns:wsVersion>
<ns:id>WEB SERVICES-TEST</ns:id>
<ns:password>sanmar1</ns:password>
<ns:productID>k500</ns:productID>
<ns:productIDtype>supplier</ns:productIDtype>
<ns:FilterColorArray>
  <ns:filterColor>white</ns:filterColor>
  <ns:filterColor>black</ns:filterColor>
</ns:FilterColorArray>
<ns:FilterSizeArray>
  <ns:filterSize>m</ns:filterSize>
  <ns:filterSize>3xl</ns:filterSize>
</ns:FilterSizeArray>
<ns:Request>
Promostandards getInventoryLevels V1.2.1 RESPONSE

<Reply xmlns="http://www.promostandards.org/WSDL/InventoryService/1.0.0/">
  <productID>k500</productID>
  <ProductVariationInventoryArray>
    <ProductVariationInventory>
      <partID>208283</partID>
      <partDescription>An enduring favorite, our comfortable classic polo is anything but ordinary. With superior wrinkle and shrink resistance, a silky soft hand and an incredible range of styles, sizes and colors, it’s a first-rate choice for uniforming just about any group. 5-ounce, 65/35 poly/cotton pique Flat knit collar and cuffs Metal buttons with dyed-to-match plastic rims Double-needle armhole seams and hem Side vents</partDescription>
      <partBrand>Port Authority</partBrand>
      <quantityAvailable>500</quantityAvailable>
      <attributeColor>Black</attributeColor>
      <attributeSize>M</attributeSize>
      <customProductMessage>More than 500 quantity exists.</customProductMessage>
    </ProductVariationInventory>
    <ProductVariationInventory>
      <partID>208302</partID>
      <quantityAvailable>500</quantityAvailable>
      <attributeColor>Black</attributeColor>
      <attributeSize>3XL</attributeSize>
      <customProductMessage>More than 500 quantity exists.</customProductMessage>
    </ProductVariationInventory>
    <ProductVariationInventory>
      <partID>208603</partID>
      <quantityAvailable>500</quantityAvailable>
      <attributeColor>White</attributeColor>
      <attributeSize>M</attributeSize>
      <customProductMessage>More than 500 quantity exists.</customProductMessage>
    </ProductVariationInventory>
    <ProductVariationInventory>
      <partID>208622</partID>
      <quantityAvailable>500</quantityAvailable>
      <attributeColor>White</attributeColor>
      <attributeSize>3XL</attributeSize>
      <customProductMessage>More than 500 quantity exists.</customProductMessage>
    </ProductVariationInventory>
  </ProductVariationInventoryArray>
PromoStandard getInventoryLevels Inventory V2.0.0 REQUEST Parameters

UAT WSDL: https://uat-ws.sanmar.com:8080/promostandards/InventoryServiceBindingV2?WSDL
PRODUCTION WSDL: https://ws.sanmar.com:8080/promostandards/InventoryServiceBindingV2?WSDL

Please Note: SanMar does not currently support GetFilterValues

PromoStandard getInventoryLevels Inventory V2.0.0 REQUEST Parameters
The following table lists the input parameters for executing an API call to the getPricing service.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Field Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PartId</td>
<td>Yes</td>
<td>VARCHAR (64)</td>
<td>Unique Key ex. (92352)</td>
</tr>
<tr>
<td>labelSize</td>
<td>No</td>
<td>VARCHAR (64)</td>
<td>Product Size ex. (S, M, L, XL, 2XL)</td>
</tr>
<tr>
<td>partColor</td>
<td>No</td>
<td>VARCHAR (64)</td>
<td>Product Catalog Color Name ex. (white, jet black, royal)</td>
</tr>
<tr>
<td>selection</td>
<td>No</td>
<td>REMOVE</td>
<td>FilterSelectionArray not supported in our v2.0.</td>
</tr>
</tbody>
</table>

Promostandards getInventoryLevels Inventory V2.0.0 REQUEST

<shar:wsVersion>2.0.0</shar:wsVersion>
<shar:id>integrations</shar:id>
<shar:password>sanmar</shar:password>
<shar:productId>k420</shar:productId>
<shar:Filter>
  <shar:partId>92352</shar:partId>
  <shar:LabelSizeArray>
    <shar:labelSize>S</shar:labelSize>
  </shar:LabelSizeArray>
  <shar:PartColorArray>
    <shar:partColor>white</shar:partColor>
  </shar:PartColorArray>
  <shar:SelectionArray>
    <shar:selection>?</shar:selection>
  </shar:SelectionArray>
</shar:Filter>
-->

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Promostandards getInventoryLevels V2.0.0 RESPONSE

<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns2:GetInventoryLevelsResponse xmlns="http://www.promostandards.org/WSDL/Inventory/2.0.0/SharedObjects/" xmlns:ns2="http://www.promostandards.org/WSDL/Inventory/2.0.0/">
      <Inventory>
        <productId>k420</productId>
        <PartInventoryArray>
          <PartInventory>
            <partId>92352</partId>
            <mainPart>false</mainPart>
            <partColor>White</partColor>
            <labelSize>S</labelSize>
            <partDescription>A favorite year after year, these polos are known for their exceptional range of colors, styles and sizes. The soft pique knit is shrink-resistant and easy to care for, so your group will always look its best. 7-ounce, 100% ring spun combed cotton heavyweight pique. Garment washed for softness. Double-needle stitching throughout. Flat knit collar and cuffs. Horn-tone buttons. Locker patch. Side vents.</partDescription>
            <quantityAvailable>
              <Quantity>
                <uom>CA</uom>
                <value>432</value>
              </Quantity>
            </quantityAvailable>
            <manufacturedItem>false</manufacturedItem>
            <buyToOrder>false</buyToOrder>
            <InventoryLocationArray>
              <InventoryLocation>
                <inventoryLocationId>1</inventoryLocationId>
                <inventoryLocationName>Seattle</inventoryLocationName>
                <postalCode>98027</postalCode>
                <country>US</country>
                <inventoryLocationQuantity>
                  <Quantity>
                    <uom>CA</uom>
                    <value>4</value>
                  </Quantity>
                </inventoryLocationQuantity>
              </InventoryLocation>
              <InventoryLocation>
                <inventoryLocationId>2</inventoryLocationId>
                <inventoryLocationName>Cincinnati</inventoryLocationName>
                <postalCode>45069</postalCode>
                <country>US</country>
                <inventoryLocationQuantity>
                  <Quantity>
                    <uom>CA</uom>
                    <value>4</value>
                  </Quantity>
                </inventoryLocationQuantity>
              </InventoryLocation>
            </InventoryLocationArray>
          </PartInventory>
        </PartInventoryArray>
      </Inventory>
    </ns2:GetInventoryLevelsResponse>
  </S:Body>
</S:Envelope>
Promostandards getInventoryLevels V2.0.0 RESPONSE Continued...

```xml
<quantity>
  <uom>CA</uom>
  <value>50</value>
</quantity>
</inventoryLocationQuantity>
</InventoryLocation>
<InventoryLocation>
  <inventoryLocationId>3</inventoryLocationId>
  <inventoryLocationName>Dallas</inventoryLocationName>
  <postalCode>75038</postalCode>
  <country>US</country>
  <inventoryLocationQuantity>
    <quantity>
      <uom>CA</uom>
      <value>7</value>
    </quantity>
  </inventoryLocationQuantity>
</InventoryLocation>
<InventoryLocation>
  <inventoryLocationId>4</inventoryLocationId>
  <inventoryLocationName>Reno</inventoryLocationName>
  <postalCode>89441</postalCode>
  <country>US</country>
  <inventoryLocationQuantity>
    <quantity>
      <uom>CA</uom>
      <value>6</value>
    </quantity>
  </inventoryLocationQuantity>
</InventoryLocation>
<InventoryLocation>
  <inventoryLocationId>5</inventoryLocationId>
  <inventoryLocationName>Robbinsville</inventoryLocationName>
  <postalCode>08691</postalCode>
  <country>US</country>
  <inventoryLocationQuantity>
    <quantity>
      <uom>CA</uom>
      <value>180</value>
    </quantity>
  </inventoryLocationQuantity>
</InventoryLocation>
<InventoryLocation>
  <inventoryLocationId>6</inventoryLocationId>
  <inventoryLocationName>Jacksonville</inventoryLocationName>
```
Promostandards getInventoryLevels V2.0.0 RESPONSE Continued...

  <postalCode>32219</postalCode>
  <country>US</country>
  <inventoryLocationQuantity>
    <Quantity>
      <uom>CA</uom>
      <value>181</value>
    </Quantity>
  </inventoryLocationQuantity>
</InventoryLocation>
<InventoryLocation>
  <inventoryLocationId>7</inventoryLocationId>
  <inventoryLocationName>Minneapolis</inventoryLocationName>
  <postalCode>55379</postalCode>
  <country>US</country>
  <inventoryLocationQuantity>
    <Quantity>
      <uom>CA</uom>
      <value>4</value>
    </Quantity>
  </inventoryLocationQuantity>
</InventoryLocation>
<InventoryLocation>
  <inventoryLocationId>12</inventoryLocationId>
  <inventoryLocationName>Phoenix</inventoryLocationName>
  <postalCode>85323</postalCode>
  <country>US</country>
  <inventoryLocationQuantity>
    <Quantity>
      <uom>CA</uom>
      <value>0</value>
    </Quantity>
  </inventoryLocationQuantity>
</InventoryLocation>
</InventoryLocationArray>
</PartInventory>
</PartInventoryArray>
</Inventory>
</ns2:GetInventoryLevelsResponse>
</S:Body>
</S:Envelope>
SanMar Product getPricing Service


This service returns pricing to include the piece, dozen, case, sale, and my price (customer specific pricing). The response is a collection of values [listResponse] with the style, color, size inventory key, size index and pricing (piece, dozen, case, sale and my price). Any combination of parameters STYLE#, CATALOG COLOR and/or SIZE as valid input parameters, or optionally you can submit SanMar’s INVENTORY_KEY and SIZE_INDEX combination to the SanMar web service.

The response from the getPricing returns the SanMar specific pricing for the piece, dozen, case, sale, and my price of a SanMar item. Each getPricing submission can contain a single or multiple pricing requests.

SanMar getPricing Service REQUEST Parameters

The following table lists the input parameters for executing an API call to the getPricing service.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Field Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>style</td>
<td>Yes</td>
<td>String</td>
<td>STYLE# - Example: K500</td>
</tr>
<tr>
<td>color</td>
<td>No</td>
<td>String</td>
<td>CATALOG_COLOR- Example: Black</td>
</tr>
<tr>
<td>size</td>
<td>No</td>
<td>String</td>
<td>SIZE- Example: XL</td>
</tr>
</tbody>
</table>

OR

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Field Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>inventoryKey</td>
<td>Yes</td>
<td>String</td>
<td>SanMar inventory_key</td>
</tr>
<tr>
<td>sizeIndex</td>
<td>Yes</td>
<td>String</td>
<td>SanMar size_index</td>
</tr>
</tbody>
</table>

SanMar getPricing Service RESPONSE Information

The response from the getPricing returns a message response on success or failure. If the “errorOccurred” = false, the message “Pricing returned successfully” is returned. If the “errorOccurred” = true, an error message is returned.

The following section describes the output returned for the getPricing API call. All web service calls return an object of type [type=”tns.responseBean”] and contains the following attributes:

<table>
<thead>
<tr>
<th>FIELD</th>
<th>TYPE</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>errorOccurred</td>
<td>Boolean</td>
<td>true or false - Indicates if an error has occurred.</td>
</tr>
<tr>
<td>message</td>
<td>String</td>
<td>If the errorOccurred = false, the message returned is “Pricing returned successfully” which represents that the Pricing request was successful upon validation. If the errorOccurred = true, an error has occurred and the message will contain an explanation of the error.</td>
</tr>
<tr>
<td>response</td>
<td>Object</td>
<td>errorOccurred</td>
</tr>
<tr>
<td>listResponse</td>
<td>List</td>
<td>If the errorOccurred = false from the getInventoryQtyForStyleColorSize, a collection list of values (e.g. a list) is returned from the [listResponse] object. List object returns: style color size inventoryKey sizeIndex piecePrice dozenPrice casePrice salePrice myPrice</td>
</tr>
</tbody>
</table>

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**SanMar getPricing Service REQUEST**

The following demonstrates an API call to the `getPricing` method for a LPC61 in the color Lime, size medium (M). You can submit just the style number to receive all the

```xml
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/
xmlns:impl="http://impl.webservice.integration.sanmar.com"/>
<soapenv:Header/>
<soapenv:Body>
<impl:getPricing>
<arg0>
<casePrice/>
<color>lime</color>
<dozenPrice/>
<inventoryKey/>
<myPrice/>
<piecePrice/>
<salePrice/>
<size>m</size>
<sizeIndex/>
<style>LPC61</style>
<saleStartDate/>
<saleEndDate/>
</arg0>
</impl:getPricing>
</soapenv:Body>
</soapenv:Envelope>
```

**SanMar getPricing Service RESPONSE**

The following demonstrates an API response to the `getPricing` method for a 4662M in the color maroon, size medium (M) and a K500 in the color black, size medium (M).

```xml
<return>
<errorOccurred>false</errorOccurred>
<listResponse xsi:type="ns2:item">
<casePrice>2.59</casePrice>
<color>lime</color>
<dozenPrice>3.09</dozenPrice>
<inventoryKey>46389</inventoryKey>
<myPrice>1.76</myPrice>
<piecePrice>3.59</piecePrice>
<salePrice>1.99</salePrice>
<size>m</size>
<sizeIndex>3</sizeIndex>
<style>LPC61</style>
<saleStartDate>2017-06-26</saleStartDate>
<saleEndDate>2017-07-02</saleEndDate>
</listResponse><message>Pricing returned successfully</message>
</return>
```
### Promostandards Order Shipment Notification Service - V1.0.0

**UAT WSDL:** https://uat-ws.sanmar.com:8080/promostandards/OrderShipmentNotificationServiceBinding?wsdl  
**PRODUCTION WSDL:** https://ws.sanmar.com:8080/promostandards/OrderShipmentNotificationServiceBinding?wsdl

#### Promostandards Order Shipment Notification Service REQUEST Parameters

The following table lists the input parameters for executing an API call to the getPricing service.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Field Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>wsVersion</td>
<td>Yes</td>
<td>String</td>
<td>1.0.0</td>
</tr>
<tr>
<td>id</td>
<td>Yes</td>
<td>String</td>
<td>SanMar.com User name</td>
</tr>
<tr>
<td>password</td>
<td>Yes</td>
<td>String</td>
<td>SanMar.com Password</td>
</tr>
<tr>
<td>queryType</td>
<td>Yes</td>
<td>Integer</td>
<td>1=Purchase Order</td>
</tr>
<tr>
<td>referenceNumber</td>
<td>No</td>
<td>String</td>
<td>Purchase Order OR SanMar Invoice#</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OR</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Use either ReferenceNumber or TimeStamp (remove un-used type)</td>
</tr>
<tr>
<td>shipmentDateTimeStamp</td>
<td>No</td>
<td>TimeStamp</td>
<td>UTC format (YYYY-MM-DD)T(HH:MM:SS) ex.2017-02-13T00:00:00Z</td>
</tr>
</tbody>
</table>

#### Promostandards Order Shipment Notification Error Messages

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>Error Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>ID (customerID) not found - SanMar Username not found</td>
</tr>
<tr>
<td>104</td>
<td>This account is unauthorized to use this service. Please contact the service provider</td>
</tr>
<tr>
<td>105</td>
<td>Authentication Credentials failed - SanMar Username or Password is incorrect</td>
</tr>
<tr>
<td>110</td>
<td>Authentication Credentials required</td>
</tr>
<tr>
<td>115</td>
<td>Not Supported: [details]</td>
</tr>
<tr>
<td>120</td>
<td>The following field(s) are required [Comma Delimited field names]</td>
</tr>
<tr>
<td>125</td>
<td>(YYYY-MM-DD)T(HH:MM:SS) ex.2017-02-13T00:00:00Z</td>
</tr>
<tr>
<td>300</td>
<td>queryType not found – The queryType is not available</td>
</tr>
<tr>
<td>301</td>
<td>Reference Number not found – Purchase Order or Invoice Number not found – Must be shipped and invoiced in our system.</td>
</tr>
<tr>
<td>302</td>
<td>shipmentDateTimeStamp is incorrect or is an invalid date range</td>
</tr>
<tr>
<td>303</td>
<td>Input date should not be older than 7 Days</td>
</tr>
<tr>
<td>999</td>
<td>Data not found – There is no data for the request information</td>
</tr>
</tbody>
</table>

Questions or Problems? Please Email sanmarintegrations@sanmar.com or Call 206-727-6458
Promostandards Order Shipment Notification Service REQUESTS

(queryType 1) Search by Purchase
You must remove or comment out the <shipmentDateTimeStamp></shipmentDateTimeStamp> field.

<ns:GetOrderShipmentNotificationRequest>
<shar:wsVersion>1.0.0</shar:wsVersion>
<shar:id>WEBSERVICES-TEST</shar:id>
<shar:password>sanmar1</shar:password>
<ns:queryType>1</ns:queryType>
<ns:referenceNumber>71490386</ns:referenceNumber>
</ns:GetOrderShipmentNotificationRequest>

(queryType 2) Search by SanMar Invoice Number
You must remove or comment out the <shipmentDateTimeStamp></shipmentDateTimeStamp> field.

<ns:GetOrderShipmentNotificationRequest>
<ns:wsVersion>1.0.0</ns:wsVersion>
<ns:id>WEBSERVICES-TEST</ns:id>
<ns:password>sanmar1</ns:password>
<ns:queryType>2</ns:queryType>
<ns:referenceNumber>71490386</ns:referenceNumber>
</ns:GetOrderShipmentNotificationRequest>

(queryType 3) Search from shipment DateTimeStamp - 7 Day Search Max
You must remove or comment out the <referenceNumber></referenceNumber> field.
ShipDate must be in UTC format ShipDate. Here are some examples of acceptable formats:
2017-02-13T00:00:00Z, 2017-02-13T00:00:00+00:00, 2017-02-17T00:00:00.0000000+00:00

<ns:GetOrderShipmentNotificationRequest>
<ns:wsVersion>1.0.0</ns:wsVersion>
<ns:id>WEBSERVICES-TEST</ns:id>
<ns:password>sanmar1</ns:password>
<ns:queryType>3</ns:queryType>
<ns:shipmentDateTimeStamp>2017-02-13T00:00:00Z</ns:shipmentDateTimeStamp>
</ns:GetOrderShipmentNotificationRequest>
Promostandards Order Shipment Notification Successful Response

```xml
<OrderShipmentNotification>
  <purchaseOrderNumber>1191391MZE03</purchaseOrderNumber>
  <complete>true</complete>
  <SalesOrderArray>
    <SalesOrder>
      <salesOrderNumber>71489330</salesOrderNumber>
      <complete>true</complete>
      <ShipmentLocationArray>
        <ShipmentLocation>
          <id>1</id>
          <complete>true</complete>
          <ShipFromAddress>
            <address1>10940 NEW KINGS ROAD</address1>
            <city>JACKSONVILLE</city>
            <region>FL</region>
            <postalCode>32219</postalCode>
            <country>USA</country>
          </ShipFromAddress>
          <ShipToAddress>
            <address1>6325 MCDONOUGH DR</address1>
            <city>NORCROSS</city>
            <region>GA</region>
            <postalCode>30093</postalCode>
            <country>USA</country>
          </ShipToAddress>
          <shipmentDestinationType>Residential</shipmentDestinationType>
          <PackageArray>
            <Package>
              <id>1</id>
              <trackingNumber>1Z80E16V0348815841</trackingNumber>
              <shipmentDate>2017-02-24T00:00:00.000-08:00</shipmentDate>
              <carrier>UPS</carrier>
              <ItemArray><Item>
                <supplierProductId>PC61T</supplierProductId>
                <supplierPartId>399311</supplierPartId>
                <quantity>2</quantity>
              </Item>
              <Item>
                <supplierProductId>PC61T</supplierProductId>
                <supplierPartId>399333</supplierPartId>
                <quantity>2</quantity>
              </Item></ItemArray>
            </Package>
          </PackageArray>
        </ShipmentLocation>
      </ShipmentLocationArray>
    </SalesOrder>
  </SalesOrderArray>
</OrderShipmentNotification>
```
SanMar Standard Invoicing Services

**UAT WSDL:** https://uat-ws.sanmar.com:8080/SanMarWebService/InvoicePort?wsdl

**PRODUCTION WSDL:** https://ws.sanmar.com:8080/SanMarWebService/InvoicePort?wsdl

**Please Note:** UAT testing for this service requires manual invoicing of your test orders, which may take 24-48 hours to complete. Please Email the integration team the PO numbers for the test orders that you have submitted and will be have your orders invoiced in our UAT system.

There are two ways that you can place test orders in our **UAT** environment:

**Option 1:** If you already submit purchase orders you can simply submit a test order through our UAT environment via FTP or web services and email the integration team your test PO numbers that you would like invoiced.

**Option 2:** Login to our uat website and place an online test order and email the SanMar team your test PO numbers for invoicing. **UAT SanMar.com Website:** https://uat-sanmar.sanmar.com

- **GetInvoicesByInvoiceNoService**
- **GetInvoicesByPurchaseOrderNo Service**
- **GetInvoicesByInvoiceDateRange Service**
- **GetInvoicesByOrderDate Service**
- **GetInvoicesHeaderByInvoiceDateRange Service**
- **GetUnpaidInvoices Service**
- **GetInvoicesHeaderByOrderDate Service**
- **GetInvoicesHeaderByPurchaseOrderNo Service**
- **GetUnpaidInvoicesHeader Service**
- **GetInvoices Service**
Authentication
The authentication for this call is a little different than the other calls and as is as follows.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>web:CustomerNo</td>
<td>Yes</td>
<td>String</td>
<td>Valid Customer Number</td>
</tr>
<tr>
<td>web:UserName</td>
<td>Yes</td>
<td>String</td>
<td>Valid SanMar Web Username</td>
</tr>
<tr>
<td>web:Password</td>
<td>Yes</td>
<td>String</td>
<td>Valid SanMar Web User Password</td>
</tr>
</tbody>
</table>

Get Invoice Service - Error Messages

<table>
<thead>
<tr>
<th>Scenarios</th>
<th>Error Message</th>
</tr>
</thead>
<tbody>
<tr>
<td>User authentication failure</td>
<td>Unauthenticated request</td>
</tr>
<tr>
<td>GetInvoiceByPurchaseOrderNo</td>
<td></td>
</tr>
<tr>
<td>If a user does not mention a PO#</td>
<td>Invalid request</td>
</tr>
<tr>
<td>If a user mentions an invalid PO#</td>
<td>Data not found</td>
</tr>
<tr>
<td>If PO length is greater than 13</td>
<td></td>
</tr>
<tr>
<td>GetInvoicesByInvoiceNo</td>
<td></td>
</tr>
<tr>
<td>If a user does not mention the Inv#</td>
<td>' is not a valid value for 'integer'</td>
</tr>
<tr>
<td>If a user mentions an invalid Inv#</td>
<td>Data not found</td>
</tr>
<tr>
<td>If Inv# length is greater than 10</td>
<td></td>
</tr>
<tr>
<td>GetInvoicesByOrderDate</td>
<td></td>
</tr>
<tr>
<td>If date is not mentioned</td>
<td>is not a valid value for 'date'.</td>
</tr>
<tr>
<td>If an invalid date is mentioned</td>
<td>is not a valid value for 'date'.</td>
</tr>
<tr>
<td>If date length is greater than 10</td>
<td>'xxxxx-xx-xx' is not a valid value for 'date'</td>
</tr>
<tr>
<td>If the date is before 10-02-1900 or after 10-02-2114</td>
<td>Data not found</td>
</tr>
<tr>
<td>GetInvoicesByInvoiceDateRange</td>
<td></td>
</tr>
<tr>
<td>If the starting &amp; ending dates are not mentioned</td>
<td>is not a valid value for 'date'</td>
</tr>
<tr>
<td>If the starting or ending dates (or combination of both) are invalid</td>
<td>is not a valid value for 'date'</td>
</tr>
<tr>
<td>If the Date Range is greater than 3 months or 1-year</td>
<td>Invalid request</td>
</tr>
<tr>
<td>GetUnpaidInvoices</td>
<td></td>
</tr>
<tr>
<td>If there are no unpaid invoices</td>
<td>Data not found</td>
</tr>
<tr>
<td>Get Invoices(Incremental)</td>
<td></td>
</tr>
<tr>
<td>If there is no incremental data available</td>
<td>Data not found</td>
</tr>
</tbody>
</table>
SanMar GetInvoicesByInvoiceNo Service

The following table lists the input parameters for executing an API call to the GetInvoiceByInvoiceNo function.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>InvoiceNo</td>
<td>Yes</td>
<td>Integer</td>
<td>Invoice Number</td>
</tr>
</tbody>
</table>

This method submits an invoice number and returns the header and line item invoice data for a specific invoice number, or an error message if unsuccessful.

GetInvoicesByInvoiceNo Service Request

```xml
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/
xmlns:web="http://webservice.integration.sanmar.com/">
<soapenv:Header/>
<soapenv:Body>
<web:GetInvoiceByInvoiceNo>
<web:CustomerNo>5</web:CustomerNo>
<web:UserName>WebServices-Test</web:UserName>
<web:Password>sanmar1</web:Password>
<web:InvoiceNo>12345678</web:InvoiceNo>
</web:GetInvoiceByInvoiceNo>
</soapenv:Body>
</soapenv:Envelope>
```

SanMar GetInvoicesByInvoiceNo Service Response

```xml
<Invoice xmlns="http://webservice.integration.sanmar.com/">
<Header>
<InvoiceNo>12345678</InvoiceNo>
<InvoiceDate>2014-08-01</InvoiceDate>
<InvoiceStatus>Paid</InvoiceStatus>
<CustomerNo>76778</CustomerNo>
</Header>
<SoldTo>
<Name>Sanmar</Name>
<Address>
<Address1>22833 SE Black Nugget Rd</Address1>
<City>ISSAQUAH</City>
<State>WA</State>
<PostalCode>98029</PostalCode>
<Country>USA</Country>
</Address>
</SoldTo>
<ShipTo>
<Name>SanMar Corporation Inc</Name>
<Address>
<Address1>22834 SE Black Nugget Rd</Address1>
</Address>
```

Questions or Problems? Please Email sanmarintegrations@sanmar.com or Call 206-727-6458
<Address2>STE 001</Address2>
<City>Issaquah</City>
<State>WA</State>
<PostalCode>98029</PostalCode>
<Country>USA</Country>
</ShipTo>
<RemitTo>
<Name>SANMAR CORP</Name>
<Address>
<Address1>PO BOX 34060</Address1>
<City>SEATTLE</City>
<State>WA</State>
<PostalCode>98124-1060</PostalCode>
<Country>USA</Country>
</Address>
</RemitTo>
<PurchaseOrderNo>54321</PurchaseOrderNo>
<OrderDate>2014-08-01</OrderDate>
<DueDate>2014-08-31</DueDate>
<ShipVia>UPS</ShipVia>
<FOB>SPARKS NV</FOB>
<Terms>NET 30</Terms>
>TotalCases>1</TotalCases>
>TotalWeight>36</TotalWeight>
/SubTotal>192.72</SubTotal>
>SalesTax>0.0</SalesTax>
<ShippingHandlingCharges>0.0</ShippingHandlingCharges>
>TotalAmount>192.72</TotalAmount>
>Miscellaneous>
<FreightSavings>0.0</FreightSavings>
</Miscellaneous>
</Header>
</LineItem>
<LineItem>
<StyleNo>2000</StyleNo>
<StyleColor>Red</StyleColor>
<StyleDescription>100% ULTRA CTN T RED</StyleDescription>
<StyleSize>M</StyleSize>
<Quantity>16</Quantity>
<UnitPrice>1.84</UnitPrice>
<Amount>29.44</Amount>
<UniqueKey>263633</UniqueKey>
</LineItem>
<LineItem>
<StyleNo>2000</StyleNo>
<StyleColor>Red</StyleColor>
<StyleDescription>100% ULTRA CTN T RED</StyleDescription>
<table>
<thead>
<tr>
<th>StyleNo</th>
<th>StyleColor</th>
<th>StyleDescription</th>
<th>Quantity</th>
<th>UnitPrice</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>Red</td>
<td>100% ULTRA CTN T RED</td>
<td>14</td>
<td>1.84</td>
<td>25.76</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2000</td>
<td>Red</td>
<td>100% ULTRA CTN T RED</td>
<td>12</td>
<td>1.84</td>
<td>22.08</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2000</td>
<td>Red</td>
<td>100% ULTRA CTN T RED</td>
<td>16</td>
<td>4.38</td>
<td>70.08</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2000</td>
<td>Red</td>
<td>100% ULTRA CTN T RED</td>
<td>8</td>
<td>4.48</td>
<td>35.84</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Questions or Problems? Please Email sanmarintegrations@sanmar.com or Call 206-727-6458
SanMar GetInvoicesByPurchaseOrderNo Service

The following table lists the input parameters for executing an API call to the GetInvoicesByPurchaseOrderNo function.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PurchaseOrderNo</td>
<td>Yes</td>
<td>String</td>
<td>Customer PO Number</td>
</tr>
</tbody>
</table>

This method submits a purchase order number and returns the header and line item level data for the related purchase order.

GetInvoicesByPurchaseOrderNo Service Request

```xml
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/
xmlns:web="http://webservice.integration.sanmar.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:GetInvoicesByPurchaseOrderNo>
      <web:CustomerNo>5</web:CustomerNo>
      <web:UserName>WebServices-Test</web:UserName>
      <web:Password>sanmar1</web:Password>
      <web:PurchaseOrderNo>4520838a</web:PurchaseOrderNo>
    </web:GetInvoicesByPurchaseOrderNo>
  </soapenv:Body>
</soapenv:Envelope>
```

SanMar GetInvoicesByPurchaseOrderNo Service Response

```xml
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/" type="s:Fault">
  <S:Body>
    <Invoices xmlns="http://webservice.integration.sanmar.com/">
      <Invoice>
        <Header>
          <InvoiceNo>12345678</InvoiceNo>
          <InvoiceDate>2014-08-01</InvoiceDate>
          <InvoiceStatus>Unpaid</InvoiceStatus>
          <CustomerNo>5</CustomerNo>
          <Name>SANMAR</Name>
          <Address>
            <Address1>22833 SE Black Nugget Rd</Address1>
            <City>ISSAQUAH</City>
            <State>WA</State>
            <PostalCode>98029</PostalCode>
            <Country>USA</Country>
          </Address>
        </SoldTo>
        <ShipTo>
          <Name>SanMar Corporation Inc</Name>
          <Address>
            <Address1>22833 SE Black Nugget Rd</Address1>
          </Address>
        </ShipTo>
      </Invoice>
    </Invoices>
  </S:Body>
</S:Envelope>
```
<City>ISSAQUAH</City> <State>WA</State> <PostalCode>98029</PostalCode> <Country>USA</Country> 

<Name>SANMAR CORP</Name> 

<Address1>PO BOX 34060</Address1> <City>SEATTLE</City> <State>WA</State> <PostalCode>98124-1060</PostalCode> <Country>USA</Country> 

<PurchaseOrderNo>4520838A</PurchaseOrderNo> 
<OrderDate>2014-08-01</OrderDate> 
<DueDate>2014-08-31</DueDate> 
<ShipVia>UPS</ShipVia> 
<FOB>SPARKS NV</FOB> 
<Terms>NET 30</Terms> 
>TotalCases>1</TotalCases> 
>TotalWeight>36</TotalWeight> 
/SubTotal>192.72</SubTotal> 
/SalesTax>0.0</SalesTax> 
/ShippingHandlingCharges>0.0</ShippingHandlingCharges> 
/TotalAmount>192.72</TotalAmount> 
/Miscellaneous> 
/FreightSavings>0.0</FreightSavings> 
/TrackingIDs>1Z426E000000000000</TrackingIDs> 
</Miscellaneous> 
</Header> 
/LineItem> 
/StyleNo>2000</StyleNo> 
/StyleColor>Red</StyleColor> 
/StyleDescription>100% ULTRA CTN T RED</StyleDescription> 
/StyleSize>M</StyleSize> 
/Quantity>16</Quantity> 
/UnitPrice>1.84</UnitPrice> 
/Amount>29.44</Amount> 
/UniqueKey>263633</UniqueKey> 
</LineItem> 
/LineItem> 
/StyleNo>2000</StyleNo>
SanMar GetInvoicesByInvoiceDateRange Service

The following table lists the input parameters for executing an API call to the GetInvoicesByInvoiceDateRange function.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>StartDate</td>
<td>Yes</td>
<td>String</td>
<td>yyyy-mm-dd</td>
</tr>
<tr>
<td>EndDate</td>
<td>Yes</td>
<td>String</td>
<td>yyyy-mm-dd</td>
</tr>
</tbody>
</table>

This method submits an invoice date range and returns header and line item data for the date range submitted. The starting and ending date range can be no more than 3-months.

SanMar GetInvoicesByInvoiceDateRange Service Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/
xmlns:web="http://webservice.integration.sanmar.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:GetInvoicesByInvoiceDateRange>
      <web:CustomerNo>5</web:CustomerNo>
      <web:UserName>WebServices-Test</web:UserName>
      <web:Password>sanmar1</web:Password>
      <web:StartDate>2014-08-01</web:StartDate>
      <web:EndDate>2014-08-01</web:EndDate>
    </web:GetInvoicesByInvoiceDateRange>
  </soapenv:Body>
</soapenv:Envelope>
```

SanMar GetInvoicesByInvoiceDateRange Service Response

```
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <Invoices xmlns="http://webservice.integration.sanmar.com/">
      <Invoice>
        <Header>
          <InvoiceNo>12345678</InvoiceNo>
          <InvoiceDate>2014-08-01</InvoiceDate>
          <InvoiceStatus>Unpaid</InvoiceStatus>
          <CustomerNo>5</CustomerNo>
        </Header>
        <SoldTo>
          <Name>SANMAR</Name>
          <Address>
            <Address1>22833 SE Black Nugget Rd</Address1>
            <City>ISSAQUAH</City>
            <State>WA</State>
            <PostalCode>98029</PostalCode>
            <Country>USA</Country>
          </Address>
        </SoldTo>
      </Invoice>
    </Invoices>
  </S:Body>
</S:Envelope>
```
<Address><Address1>22834 SE Black Nugget Rd</Address1><Address2>STE 001</Address2><City>Issaquah</City><State>WA</State><PostalCode>98029</PostalCode><Country>USA</Country></Address><ShipTo><RemitTo><Name>SANMAR CORP</Name><Address><Address1>PO BOX 34060</Address1><City>SEATTLE</City><State>WA</State><PostalCode>98124-1060</PostalCode><Country>USA</Country></Address><RemitTo></RemitTo></ShipTo><PurchaseOrderNo>4530714A</PurchaseOrderNo><OrderDate>2014-08-01</OrderDate><DueDate>2014-08-31</DueDate><ShipVia>UPS</ShipVia><FOB>SPARKS NV</FOB><Terms>NET 30</Terms><TotalCases>1</TotalCases><TotalWeight>1</TotalWeight><SubTotal>1.4</SubTotal><SalesTax>0</SalesTax><ShippingHandlingCharges>0</ShippingHandlingCharges><TotalAmount>1.4</TotalAmount><Miscellaneous><FreightSavings>0</FreightSavings><TrackingIDs>12426E000000000000</TrackingIDs></Miscellaneous></Header><LineItem><StyleNo>2000</StyleNo><StyleColor>White</StyleColor><StyleDescription>100% ULTRA CTN T WHITE</StyleDescription><StyleSize>M</StyleSize><Quantity>1</Quantity><UnitPrice>1.4</UnitPrice><Amount>1.4</Amount><UniqueKey>263633</UniqueKey></LineItem></LineItem></Invoice></Invoices>
SanMar GetInvoicesByOrderDate Service

The following table lists the input parameters for executing an API call to the GetInvoicesByOrderDate function.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>Yes</td>
<td>String</td>
<td>yyyy-mm-dd</td>
</tr>
</tbody>
</table>

This method submits a single order date and retrieves invoices with header and line item information.

SanMar GetInvoicesByOrderDate Service Request

```xml
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.integration.sanmar.com/">
<soapenv:Header/>
<soapenv:Body>
<web:GetInvoicesByOrderDate>
<web:CustomerNo>5</web:CustomerNo>
<web:UserName>WebServices-Test</web:UserName>
<web:Password>sanmar1</web:Password>
<web:Date>2014-08-01</web:Date>
</web:GetInvoicesByOrderDate>
</soapenv:Body>
</soapenv:Envelope>
```

SanMar GetInvoicesByOrderDate Service Response

```xml
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
<S:Body>
<Invoices xmlns="http://webservice.integration.sanmar.com/">
<Invoice>
<Header>
<InvoiceNo>12345678</InvoiceNo>
<InvoiceDate>2014-08-01</InvoiceDate>
<InvoiceStatus>Unpaid</InvoiceStatus>
<CustomerNo>5</CustomerNo>
<SoldTo>
<Name> SANMAR</Name>
<Address>
<Address1>22833 SE Black Nugget Rd</Address1>
<City>ISSAQUAH</City>
<State>WA</State>
<PostalCode>98029</PostalCode>
<Country>USA</Country>
</Address>
</SoldTo>
</ShipTo>
<Name>SanMar Corporation Inc.</Name>
```

Questions or Problems? Please Email sanmarintegrations@sanmar.com or Call 206-727-6458
</Address><Address1>22834 SE Black Nugget Rd</Address1>
<Address2>STE 001</Address2>
<City>Issaquah</City>
<State>WA</State>
<PostalCode>98029</PostalCode>
<Country>USA</Country>
</Address>
</ShipTo><RemitTo>
<Name>SANMAR CORP</Name>
<Address>
<Address1>PO BOX 34060</Address1>
<City>SEATTLE</City>
<State>WA</State>
<PostalCode>98124-1060</PostalCode>
<Country>USA</Country>
</Address></RemitTo>
<PurchaseOrderNo>4527160A</PurchaseOrderNo>
<OrderDate>2014-08-01</OrderDate>
<DueDate>2014-08-31</DueDate>
<ShipVia>UPSN</ShipVia>
<FOB>IRVING TX</FOB>
<Terms>NET 30</Terms>
>TotalCases>1</TotalCases>
>TotalWeight>15</TotalWeight>
>SubTotal>13.2</SubTotal>
>SalesTax>0.0</SalesTax>
>ShippingHandlingCharges>0.0</ShippingHandlingCharges>
>TotalAmount>13.2</TotalAmount>
>Miscellaneous>
<FreightSavings>0.0</FreightSavings>
>TrackingIDs>12426E00000000000000</TrackingIDs>
</Miscellaneous></Header>
<LineItem>
>StyleNo>5250</StyleNo>
>StyleColor>Gold</StyleColor>
>StyleDescription>TAGLESS 100% CTN TEE GOLD</StyleDescription>
>StyleSize>S</StyleSize>
>Quantity>8</Quantity>
<UnitPrice>1.65</UnitPrice>
>Amount>13.2</Amount>
>UniqueKey>405532</UniqueKey>
</LineItem>
</Invoice> </Invoices>
**SanMar GetInvoicesHeaderByInvoiceDateRange Service**

The following table lists the input parameters for executing an API call.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>StartDate</td>
<td>Yes</td>
<td>String</td>
<td>yyyy-mm-dd</td>
</tr>
<tr>
<td>EndDate</td>
<td>Yes</td>
<td>String</td>
<td>yyyy-mm-dd</td>
</tr>
</tbody>
</table>

This method submits an Invoice Header Date Range and returns either header data information for the submitted date range if successful, or an error message if unsuccessful. The date range cannot be more then 1-year from the day submitted.

**SanMar GetInvoicesHeaderByInvoiceDateRange Service Request**

```xml
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <InvoicesHeader xmlns="http://webservice.integration.sanmar.com/">
      <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
      xmlns:web="http://webservice.integration.sanmar.com/">
        <soapenv:Header/>
        <soapenv:Body>
          <web:GetInvoicesHeaderByInvoiceDateRange>
            <web:CustomerNo>5</web:CustomerNo>
            <web:UserName>WebServices-Test</web:UserName>
            <web:Password>sanmar1</web:Password>
            <web:StartDate>2014-08-01</web:StartDate>
            <!--Optional:-->
            <web:EndDate>2014-08-02</web:EndDate>
          </web:GetInvoicesHeaderByInvoiceDateRange>
        </soapenv:Body>
      </soapenv:Envelope>
    </InvoicesHeader>
  </S:Body>
</S:Envelope>
```

**SanMar GetInvoicesHeaderByInvoiceDateRange Service Response**

```xml
<InvoiceHeader>
  <InvoiceNo>12345678</InvoiceNo>
  <InvoiceDate>2014-08-01</InvoiceDate>
  <InvoiceStatus>Unpaid</InvoiceStatus>
  <CustomerNo>5</CustomerNo>
  <SoldTo>
    <Name>SANMAR</Name>
    <Address>
      <Address1>22833 SE Black Nugget Rd</Address1>
      <City>ISSAQUAH</City>
      <State>WA</State>
      <PostalCode>98029</PostalCode>
      <Country>USA</Country>
    </Address>
  </SoldTo>
</InvoiceHeader>
```

**Questions or Problems?** Please Email sanmarintegrations@sanmar.com or Call 206-727-6458
<Address><SoldTo>
<ShipTo>
<Name>SanMar Corporation Inc.</Name>
<Address>
<Address1>22834 SE Black Nugget Rd</Address1>
<Address2>STE 001</Address2>
<City>Issaquah</City>
<State>WA</State>
<PostalCode>98029</PostalCode>
<Country>USA</Country>
</Address>
</ShipTo>
</PurchaseOrderNo>4520838A</PurchaseOrderNo>
<OrderDate>2014-08-01</OrderDate>
<DueDate>2014-08-31</DueDate>
<ShipVia></ShipVia>
<FOB>SPARKS NV</FOB>
<Terms>NET 30</Terms>
>TotalCases>1</TotalCases>
>TotalWeight>7</TotalWeight>
>SubTotal>33.49</SubTotal>
>SalesTax>0.0</SalesTax>
>TotalAmount>33.49</TotalAmount>
>Miscellaneous>
<FreightSavings>0.0</FreightSavings>
>TrackingIDs>1Z426E00000000000000</TrackingIDs>
</Miscellaneous>
</InvoiceHeader>
</InvoicesHeader>
</S:Body>
</S:Envelope>
SanMar GetUnpaidInvoices Service
This method submits authentication credentials for an account and returns header and line item information for all unpaid invoices.

SanMar GetUnpaidInvoices Service Request
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:web="http://webservice.integration.sanmar.com/"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <soapenv:Header/>
  <soapenv:Body>
    <web:GetUnpaidInvoices>
      <web:CustomerNo>5</web:CustomerNo>
      <web:UserName>WebServices-Test</web:UserName>
      <web:Password>sanmar1</web:Password>
    </web:GetUnpaidInvoices>
  </soapenv:Body>
</soapenv:Envelope>

SanMar GetUnpaidInvoices Service Response
<Invoices xmlns="http://webservice.integration.sanmar.com/"
  xsi:nil="true">
  <Invoice>
    <Header>
      <InvoiceNo>12345678</InvoiceNo>
      <InvoiceDate>2014-08-01</InvoiceDate>
      <InvoiceStatus>Unpaid</InvoiceStatus>
      <CustomerNo>5</CustomerNo>
      <SoldTo><Name>Sanmar</Name>
        <Address><Address1>2910 DISTRICT AVE</Address1>
          <City>FAIRFAX</City>
          <State>VA</State>
          <PostalCode>22031</PostalCode>
          <Country>USA</Country>
        </Address>
      </SoldTo>
      <ShipTo><Name>SANMAR</Name>
        <Address><Address1>22833 SE Black Nugget Rd</Address1>
          <Address2>STE 20</Address2>
          <City>ISSAQUAH</City>
          <State>WA</State>
          <PostalCode>98029</PostalCode>
          <Country>USA</Country>
        </Address>
        <ShipTo/><RemitTo>
          <Name>SanMar Corporation Inc.</Name>
        </Address>
  </Invoice>
</Invoices>
<Address1>22834 SE Black Nugget Rd</Address1>
<City>Issaquah</City>
<State>WA</State>
<PostalCode>98029</PostalCode>
<Country>USA</Country>
</Address>
</RemitTo>
<PurchaseOrderNo>123456</PurchaseOrderNo>
<OrderDate>2004-06-11</OrderDate>
<DueDate>2004-07-11</DueDate>
<ShipVia>UPS</ShipVia>
<FOB>SPARKS NV</FOB>
<Terms>NET 30</Terms>
>TotalCases>1</TotalCases>
>TotalWeight>1</TotalWeight>
/SubTotal>4.58</SubTotal>
>SalesTax>0.0</SalesTax>
<ShippingHandlingCharges>0.0</ShippingHandlingCharges>
>TotalAmount>4.58</TotalAmount>
</Miscellaneous>
</Header>
</Invoice>
</Invoices>
SanMar GetInvoicesHeaderByOrderDate Service

The following table lists the input parameters for executing an API call to the GetInvoicesHeaderByOrderDate service.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>Yes</td>
<td>String</td>
<td>yyyy-mm-dd</td>
</tr>
</tbody>
</table>

This method submits the Invoice Header By order date and returns either header data information for a specific order date if successful, or an error message if unsuccessful.

SanMar GetInvoicesHeaderByOrderDate Service REQUEST

```xml
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/
xmlns:web="http://webservice.integration.sanmar.com/">
<soapenv:Header/>
<soapenv:Body>
<web:GetInvoicesHeaderByOrderDate>
<web:CustomerNo>5</web:CustomerNo>
<web:UserName>WebServices-Test</web:UserName>
<web:Password>sanmar1</web:Password>
<web:Date>2014-08-01</web:Date>
</web:GetInvoicesHeaderByOrderDate>
</soapenv:Body>
</soapenv:Envelope>
```

SanMar GetInvoicesHeaderByOrderDate Service RESPONSE

```xml
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
<S:Body>
<InvoicesHeader xmlns="http://webservice.integration.sanmar.com/">
<br:InvoiceHeader>
<br:InvoiceNo>12345678</br:InvoiceNo>
<br:InvoiceDate>2014-08-01</br:InvoiceDate>
<br:InvoiceStatus>Unpaid</br:InvoiceStatus>
<br:CustomerNo>5</br:CustomerNo>
<br:SoldTo>
<br:Name>SANMAR</br:Name>
<br:Address>
<br:Address1>22833 SE Black Nugget Rd</br:Address1>
<br:City>ISSAQAH</br:City>
<br:State>WA</br:State>
<br:PostalCode>98029</br:PostalCode>
<br:Country>USA</br:Country>
</br:Address>
<br:SoldTo>
<br:ShipTo>
<br:Name>SanMar Corporation Inc.</br:Name>
</br:InvoiceHeader>
</InvoicesHeader>
</soapenv:Body>
</soapenv:Envelope>
```
<Address><Address1>22834 SE Black Nugget Rd</Address1><Address2>ST 001</Address2><City>Issaquah</City><State>WA</State><PostalCode>98029</PostalCode><Country>USA</Country></Address></ShipTo><PurchaseOrderNo>4520838A</PurchaseOrderNo><OrderDate>2014-08-01</OrderDate><DueDate>2014-08-31</DueDate><ShipVia/></ShipVia><FOB>SPARKS NV</FOB><Terms>NET 30</Terms><TotalCases>1</TotalCases><TotalWeight>15</TotalWeight><SubTotal>51.15</SubTotal><SalesTax>0.0</SalesTax><ShippingHandlingCharges>0.0</ShippingHandlingCharges><TotalAmount>51.15</TotalAmount><Miscellaneous><FreightSavings>0.0</FreightSavings><TrackingIDs>1Z426E00000000000000</TrackingIDs></Miscellaneous><InvoiceHeader><S:Body><S:Envelope>
SanMar InvoicesHeaderByPurchaseOrderNo Service

The following table lists the input parameters for executing an API call to the InvoicesHeaderByPurchaseOrderNo service.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PurchaseOrderNo</td>
<td>Yes</td>
<td>String</td>
<td>Customer PO Number</td>
</tr>
</tbody>
</table>

The response from the Web Service Invoice calls returns a response on success or failure. If successful all information for the call will display. If there is an error “faultstring” will contain an explanation of the error. Each PO number must be requested individually and can not return a list of POs with a single requested.

SanMar GetInvoicesHeaderByPurchaseOrderNo Service REQUEST

The following demonstrates an API call to GetInvoicesHeaderByPurchaseOrderNo using PO number 4520838a.

```xml
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.integration.sanmar.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:GetInvoicesHeaderByPurchaseOrderNo>
      <web:CustomerNo>5</web:CustomerNo>
      <web:UserName>WebServices-Test</web:UserName>
      <web:Password>sanmar1</web:Password>
      <web:PurchaseOrderNo>4520838a</web:PurchaseOrderNo>
    </web:GetInvoicesHeaderByPurchaseOrderNo>
  </soapenv:Body>
</soapenv:Envelope>
```

SanMar Get InvoicesHeaderByPurchaseOrderNo Service RESPONSE

The following section describes the output returned for the Web Services Invoice API call. All web service calls return an object of type [type="tns.responseBean"] and contains the following attributes:

<table>
<thead>
<tr>
<th>Field</th>
<th>TYPE</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;faultstring&gt;</td>
<td>String</td>
<td>This field populates when an error has occurred. A message will contain an explanation of the error.</td>
</tr>
</tbody>
</table>

```xml
<InvoiceHeader>
<InvoiceNo>12345678</InvoiceNo>
<InvoiceDate>2014-08-01</InvoiceDate>
<InvoiceStatus>Unpaid</InvoiceStatus>
<CustomerNo>5</CustomerNo>
<SoldTo><Name>SANMAR</Name>
<Address><Address1>22833 SE Black Nugget Rd</Address1>
<City>Issaquah</City>
<State>WA</State>
<PostalCode>98029</PostalCode>
```

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<Country>USA</Country>
</Address></SoldTo><ShipTo>
<Name>SanMar Corporation Inc.</Name>
<Address><Address1>22834 SE Black Nugget Rd</Address1><Address2></Address2>
</Address>
</ShipTo>
<PurchaseOrderNo>4520838A</PurchaseOrderNo>
<OrderDate>2014-08-01</OrderDate>
<DueDate>2014-08-31</DueDate>
<ShipVia></ShipVia>
<FOB>SPARKS NV</FOB>
<Terms>NET 30</Terms>
>TotalCases>1</TotalCases>
>TotalWeight>36</TotalWeight>
</InvoiceHeader>
</InvoicesHeader>
</S:Body>
</S:Envelope>
SanMar GetUnpaidInvoicesHeader Service

This method submits authentication credentials for an account and returns header information for all unpaid invoices.

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>custNo</td>
<td>Yes</td>
<td>Integer</td>
<td>Valid SanMar Customer Number</td>
</tr>
<tr>
<td>userName</td>
<td>Yes</td>
<td>String</td>
<td>Valid SanMar Web Username</td>
</tr>
<tr>
<td>password</td>
<td>Yes</td>
<td>String</td>
<td>Valid SanMar Web User Password</td>
</tr>
</tbody>
</table>

GetUnpaidInvoicesHeader Service Request

```xml
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:web="http://webservice.integration.sanmar.com/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:GetUnpaidInvoicesHeader>
      <web:CustomerNo>5</web:CustomerNo>
      <web:UserName>WebServices-Test</web:UserName>
      <web:Password>sanmar1</web:Password>
    </web:GetUnpaidInvoicesHeader>
  </soapenv:Body>
</soapenv:Envelope>
```

SanMar GetUnpaidInvoicesHeader Service Response

```xml
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <InvoicesHeader xmlns="http://webservice.integration.sanmar.com/">
      <InvoiceHeader>
        <InvoiceNo>12345678</InvoiceNo>
        <InvoiceDate>2004-06-11</InvoiceDate>
        <InvoiceStatus>Unpaid</InvoiceStatus>
        <CustomerNo>5</CustomerNo>
        <SoldTo>
          <Name>SANMAR</Name>
          <Address>
            <Address1>22833 SE Black Nugget Rd</Address1>
            <City>ISSAQUAH</City>
            <State>WA</State>
            <PostalCode>98029</PostalCode>
            <Country>USA</Country>
          </Address>
        </SoldTo>
        <ShipTo>
          <Name>SanMar Corporation Inc.</Name>
        </ShipTo>
      </InvoiceHeader>
    </InvoicesHeader>
  </soap:Body>
</soap:Envelope>
```
<Address>
  <Address1>22834 SE Black Nugget Rd</Address1>
  <Address2>STE 001</Address2>
  <City>Issaquah</City>
  <State>WA</State>
  <PostalCode>98029</PostalCode>
  <Country>USA</Country>
</Address>

<ShipTo>
  <PurchaseOrderNo>118489</PurchaseOrderNo>
  <OrderDate>2004-06-11</OrderDate>
  <DueDate>2004-07-11</DueDate>
  <ShipVia>UPS</ShipVia>
  <FOB>SPARKS NV</FOB>
  <Terms>NET 30</Terms>
  <TotalCases>1</TotalCases>
  <TotalWeight>1</TotalWeight>
  <SubTotal>4.58</SubTotal>
  <SalesTax>0.0</SalesTax>
  <ShippingHandlingCharges>0.0</ShippingHandlingCharges>
  <TotalAmount>4.58</TotalAmount>
  <Miscellaneous>
    <FreightSavings>0.0</FreightSavings>
    <TrackingIDs>1Z426E000000000000</TrackingIDs>
  </Miscellaneous>
</InvoiceHeader>
</InvoicesHeader>
</S:Body>
</S:Envelope>
SanMar GetInvoice Service
This method retrieves all invoice headers and line item data for the last 3 months the first time the service is called. The next time the call is made the invoice data returned will be the difference from the last time the call was performed and when it was called again. (Add example, by (first time 6/10 through 9/10) date. 9-11 through 9-20) This is what sanmar recommends for customers who are processing invoices frequently.

SanMar GetInvoices Service Request
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header/>
  <soapenv:Body>
    <web:GetInvoices>
      <web:CustomerNo>5</web:CustomerNo>
      <web:UserName>Sanmar01</web:UserName>
      <web:Password>sanmar1</web:Password>
    </web:GetInvoices>
  </soapenv:Body>
</soapenv:Envelope>

SanMar GetInvoices Service Response
<Invoice>
  <Header>
    <InvoiceNo>12345678</InvoiceNo>
    <InvoiceDate>2014-09-05</InvoiceDate>
    <InvoiceStatus>Unpaid</InvoiceStatus>
    <CustomerNo>5</CustomerNo>
  </Header>
  <SoldTo>
    <Name>SANMAR</Name>
    <Address>
      <Address1>22833 SE Black Nugget Rd</Address1>
      <City>ISSAQUAH</City>
      <State>WA</State>
      <PostalCode>98029</PostalCode>
      <Country>USA</Country>
    </Address>
  </SoldTo>
  <ShipTo>
    <Name>SanMar Corporation Inc.</Name>
    <Address>
      <Address1>22834 SE Black Nugget Rd</Address1>
      <Address2>STE 001</Address2>
      <City>Issaquah</City>
      <State>WA</State>
      <PostalCode>98029</PostalCode>
    </Address>
  </ShipTo>
</Invoice>

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<Country>USA</Country>
</Address>
</ShipTo>
<RemitTo>
<Name>SANMAR CORP</Name>
<Address>
<Address1>PO BOX 643693</Address1>
<City>CINCINNATI</City>
<State>OH</State>
<PostalCode>45264-3693</PostalCode>
</Address>
</RemitTo>
<PurchaseOrderNo>4663454A</PurchaseOrderNo>
<OrderDate>2014-09-04</OrderDate>
<DueDate>2014-10-05</DueDate>
<ShipVia>UPSB</ShipVia>
<FOB>ROBBINSVILLE NJ</FOB>
<Terms>NET 30</Terms>
>TotalCases>1</TotalCases>
>TotalWeight>3</TotalWeight>
>SubTotal>1.98</SubTotal>
<SalesTax>0.0</SalesTax>
<ShippingHandlingCharges>0.0</ShippingHandlingCharges>
>TotalAmount>1.98</TotalAmount>
</Miscellaneous>
</Header>
</LineItem>
</Invoice>
</Invoices>
</S:Body>
</S:Envelope>
SanMar Licence Plate Number Service

**UAT WSDL:** https://uat-ws.sanmar.com:8080/SanMarWebService/webservices/PackingSlipService

**PRODUCTION WSDL:** https://ws.sanmar.com:8080/SanMarWebService/webservices/PackingSlipService

The `getPackingSlip` is a web service for SanMar’s customers to electronically receive packing slip information about each package by scanning the LPN barcode at the bottom of the shipping label and receive items into their systems. This new web service will remove the manual process of removing the shipping label to manually enter items in the box into the customer’s system.

This call will provide shipping information for shipments from the following SanMar **High Jump** warehouses.

<table>
<thead>
<tr>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seattle, WA</td>
</tr>
<tr>
<td>Reno, NV</td>
</tr>
<tr>
<td>Jacksonville, FL</td>
</tr>
<tr>
<td>Phoenix, AZ</td>
</tr>
<tr>
<td>Dallas, TX</td>
</tr>
<tr>
<td>Minneapolis, MN</td>
</tr>
<tr>
<td>Robbinsville, NJ</td>
</tr>
<tr>
<td>Cincinnati, OH</td>
</tr>
</tbody>
</table>

**Preventing April 2018**

**Preventing April 2019**

---

**SanMar Licence Plate Number Service Request**

<table>
<thead>
<tr>
<th>PARAMETER</th>
<th>REQUIRED</th>
<th>TYPE</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>wsVersion</td>
<td>Yes</td>
<td>Integer</td>
<td>Valid SanMar.com Customer Number</td>
</tr>
<tr>
<td>UserId</td>
<td>Yes</td>
<td>String</td>
<td>Valid SanMar.com Web Username</td>
</tr>
<tr>
<td>Password</td>
<td>Yes</td>
<td>String</td>
<td>Valid SanMar.com Web User Password</td>
</tr>
</tbody>
</table>

---

**SanMar Licence Plate Number Service Error Codes**

<table>
<thead>
<tr>
<th>ERROR CODE</th>
<th>ERROR Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>115</td>
<td>InValid WsVersion</td>
</tr>
<tr>
<td>200</td>
<td>Invalid packing SlipID</td>
</tr>
<tr>
<td>105</td>
<td>Invalid User ID or Password</td>
</tr>
</tbody>
</table>

```xml
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:pac="http://ws.sanmar.com/webservices/PackingSlip">
  <soapenv:Header/>
  <soapenv:Body>
    <pac:GetPackingSlip>
      <pac:wsVersion>1.0.0</pac:wsVersion>
      <pac:UserId>username</pac:UserId>
      <pac:Password>password</pac:Password>
      <pac:PackingSlipId>LNP#</pac:PackingSlipId>
    </pac:GetPackingSlip>
  </soapenv:Body>
</soapenv:Envelope>
```
SanMar Licence Plate Number Service Response

<ShipmentDate>2017-12-01</ShipmentDate>
<ShipmentUnitIndex>9</ShipmentUnitIndex>
<ShipmentUnitQuantity>15</ShipmentUnitQuantity>
<OrderDate>2017-12-01</OrderDate>
<OrderNumber>300735883</OrderNumber>
<InvoiceNumber>78016697</InvoiceNumber>
<PurchaseOrderReference>13364A</PurchaseOrderReference>
<ShipFrom><Name>SanMar</Name>
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<CityName>ISSAQUAH</CityName>
<StateCode>WA</StateCode>
<PostalCode>98027</PostalCode>
</ShipFrom>
<ShipTo><Name>CORPORATE IMPRESSIONS</Name>
<Address><Line1>3863 S VALLEY VIEW # 14</Line1>
<CityName>Las Vegas</CityName>
<StateCode>NV</StateCode>
<PostalCode>89103</PostalCode>
</ShipTo>
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<Address><Line1>230 BETHWICK CIR</Line1>
<CityName>Las Vegas</CityName>
<StateCode>NV</StateCode>
<PostalCode>89183</PostalCode>
</BillTo>
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<Color>Dk Choc Brown</Color>
<Size>XL</Size>
<Quantity>350</Quantity></Item>
Sample License Plate Number Label

The License Plate Number barcode is at the bottom of the PSST Shipping label (outlined in red below).

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Sample License Plate Number Label

**Invoic**e: 76744387  R023483819  99
**PO:**  Box: 3/4
**ULTIMATE TEAM SPIRIT**

12 LBS 1 OF 1

**SHIP TO:**

(503) 263-6283
WOOD VIEW GRAPHICS/LTS
17854 5  AV THE LH
OREGON CITY OR 97045

---

**UPS GROUND**

**TRACKING #:**  1Z 343 247 65 6939 5738

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**BILLING PAP**

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**REF:** 76744387  **REF:**  R023483819
**REF2:** 76744387  **REF3:**  R023483819

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**Questions or Problems?** Please Email sanmarintegrations@sanmar.com or Call 206-727-6458

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**TLS version 1.2 Update Code**

**Please Note:** You may experience connection issues if you have not disabled TLS version 1.0 and 1.1

To be PCI Compliant, we have disabled TLS V1.0/1 and you need to have TLS version 1.2 enabled.

If you are having issues connecting please try adding the following code for .NET, JAVA or PHP to your code.

**TLS v1.2: .NET Code**

.NET 4.6 and above. You don’t need to do any additional work to support TLS 1.2, it’s supported by default.

.NET 4.5. TLS 1.2 is supported, but it’s not a default protocol. You need to opt-in to use it. The following code will make TLS 1.2 default, make sure to execute it before making a connection to secured resource:

```csharp
```

.NET 4.0. TLS 1.2 is not supported, but if you have .NET 4.5 (or above) installed on the system then you still can opt in for TLS 1.2 even if your application framework doesn’t support it. The only problem is that SecurityProtocolType in .NET 4.0 doesn’t have an entry for TLS1.2, so we’d have to use a numerical representation of this enum value:

```csharp
ServicePointManager.SecurityProtocol = (SecurityProtocolType)3072;
```

.NET 3.5 or below. TLS 1.2 is not supported (*) and there is no workaround. Upgrade your application to more recent version of the framework.


**TLS v1.2: JAVA Code**

**Java 6** If your application runs on Java 1.6 prior to update 111, or earlier, TLS 1.1 and 1.2 are not supported. Therefore, you need to update the version of Java your application runs on.

**Java 7** needs to be set manually

Added the following in JAVA_OPTS

```bash
-Djdk.tls.client.protocols="TLSv1.2"
-Dhttps.protocols="TLSv1.2"
```

**Linux Code:**

```bash
export JAVA_OPTS="$JAVA_OPTS -Dhttps.protocols="TLSv1.2" -Djdk.tls.client.protocols="TLSv1.2"
```

**Windows Code:**

```bash
set "JAVA_OPTS=%JAVA_OPTS% -Dhttps.protocols=TLSv1.2 -Djdk.tls.client.protocols=TLSv1.2"
```

**Java 8 will use TLS 1.2 by default** [https://blogs.oracle.com/java-platform-group/jdk-8-will-use-tls-12-as-default](https://blogs.oracle.com/java-platform-group/jdk-8-will-use-tls-12-as-default)
TLS v1.2: PHP Code

**PHP Version >=5.6:**
STREAM_CRYPTO_METHOD_TLSv1_2_CLIENT
OR
use ciphers option
'ciphers' => 'DHE-RSA-AES256-SHA:DHE-DSS-AES256-SHA:AES256-SHA'

```php
try{
    *$_ctx = stream_context_create([  
        'ssl' => ['crypto_method' => STREAM_CRYPTO_METHOD_TLSv1_2_CLIENT  
        //you can also use cipher option 'ciphers' => 'DHE-RSA-AES256-SHA:DHE-DSS-AES256-SHA:AES256-SHA'],]); _*
    $client = new SoapClient($localhostWsdlUrl, array('trace'=>true,  
        'exceptions'=>true,'stream_context' => $ctx ));
}
```

**PHP Version <5.6:**
```php
try{
    *$_ctx = stream_context_create([  
        'ssl' => [  
            'ciphers' => 'DHE-RSA-AES256-SHA:DHE-DSS-AES256-SHA:AES256-SHA'],]); _*
    $client = new SoapClient($localhostWsdlUrl, array('trace'=>true,  
        'exceptions'=>true,'stream_context' => $ctx *  
    ));
}
```

TLS v1.2 is described in RFC5246, you can read it here.
Change Log

August 2018

- Added Promostands Inventory Version 2.0
- Corrected Promostands validation page link

July 2018

- Removed web service access IP restriction
- Added Brand: Bella+Canvas
- Corrected: product pricing info data fields to reflect Inventory key and size index
- Added TLS version 1.2 code information

April 2018

- Added the Licence Plate Number web services for high jump warehouses
- Updated SoapUI URL link

January 2018

- Corrected all UAT environment WSDL links from stage to UAT

December 2017

- Updated all links stage environment WSDLs from stage to uat for improved access and stability
- Updated Brands list for ProductInfo call
- Added Promostands Prodct Data Service

October 2017

- Updated links to sanmar.com
- Updated Brand Restriction information
- Added The North Face to Brand Restrictions
- Added Rabbit Skins to Brand Restrictions

April 2017

- Added Promostandard Order shipment Notification