



## **SOAP functions for web integration with Myriad 5.1**

Gordon & Gotch Publishing Ltd  
Old Kiln Yard,  
Shute End,  
Wokingham,  
Berkshire  
RG40 1BJ

**t** 0845 8990 341  
**f** 0845 8990 343  
**e** [info@gordon-gotch.co.uk](mailto:info@gordon-gotch.co.uk)  
[www.gordon-gotch.co.uk](http://www.gordon-gotch.co.uk)

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## Introduction

To use the listed SOAP functions, the 'GGPL SOAP Endpoint' service must be running on a computer/server that is accessible from the web and has access to the SQL Server instance running Myriad. See document 'Myriad GGPL SOAP Endpoint Service.pdf' for further details.

Below is a list of SOAP functions that are supplied with this version of the Myriad Web Module. Each function is listed with a short description, including a list of parameters and return data.

Only parameters in **Bold** are mandatory any others are optional.

## Glossary

SOAP	Simple Object Access Protocol
Request	Data required to call the SOAP function
Response	Data returned from the SOAP function
XML	Extensible Markup Language

## SOAP Envelope

The request and response examples shown below are not full SOAP envelopes. You will need to add the 'Envelope Element', a sample of which is shown here:

```
<env:Envelope xmlns:xsi="http://www.w3.org/1999/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/1999/XMLSchema"
xmlns:enc="http://www.w3.org/2001/09/soap-encoding"
env:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/"
xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Body>
    .....
  </env:Body>
</env:Envelope>
```

## SOAP fault

This explains that an error has occurred within the SOAP method which returns an error number and string. See example below:

```
<Body>
  <Fault>
    <faultcode>2</faultcode>
    <faultstring>Contact not on system</faultstring>
  </Fault>
</Body>
```

## Breaking Changes

Version	Date	Changes
1.0	24/07/2012	2 new fields are returned by the SOAP_getBookRates and SOAP_getSubscriptionRates. This may break code used to extract existing values.
1.1	23/05/2013	Changed parameter name from ExcludeSubsPromotionOnlyRate to LimitToSubsPromotionOnlyRates for: <ul style="list-style-type: none"><li>• SOAP_getBookRates</li><li>• SOAP_getBookRatesEx</li><li>• SOAP_getSubscriptionRates</li><li>• SOAP_getSubscriptionRatesEx</li></ul>

## Change History

Version	Date	Changes
1.0	07/09/2007	
1.1	25/09/2007	Added parameters to SOAP_getContactDetails, to create and update contacts
1.2	04/10/2007	Added parameters to createSubscriptionOrder
1.3	27/08/2008	Added method SOAP_getContactbyAccountCode Added parameter to method SOAP_createContact SOAP_getSubscriptionOrderDetails output amended for Time Based Subscriptions
1.4	15/09/2008	Added method SOAP_createContactLetter
1.5	13/10/2008	Added support for Multi User Subscriptions
1.6	26/10/2008	Added methods: <ul style="list-style-type: none"><li>• SOAP_getRenewalCampaigns</li><li>• SOAP_createCirculationOrder</li></ul>
1.7	10/12/2008	Added Contact Type to SOAP_createContact Added method SOAP_getContactTypes
1.8	21/04/2009	SOAP_getContactDetails – Added optional Institution_ID parameter to call Added ContactType_ID, Contact_ID & Institution_ID values to response
1.9	07/04/2009	Increased length of parameters to hold demographic answer list and check if length has been exceeded
2.0	15/06/2009	SOAP_getContactDetails – Return Institution_ID for a Contact_ID Add option to call with Institution_ID to return all contacts for that Institution_ID SOAP_updateContact – Pass optional Institution_ID, if not supplied then Contact will be removed from Institution SOAP_createContact – Pass optional Institution_ID to assign contact to an Institution if required
2.1	28/07/2009	Added method SOAP_createOrder
2.2	28/08/2009	Added optional Publisher_ID parameter as required
2.3	29/09/2009	Added method SOAP_creategetJobTitle

2.4	20/11/2009	Added methods: <ul style="list-style-type: none"> <li>• SOAP_getTitlesForProductType</li> <li>• SOAP_getIssueAndStock</li> <li>• SOAP_getIssuesAndStock</li> <li>• SOAP_getIssuesForTitle</li> </ul>
2.6	15/12/2009	Add ISO Code to SOAP_getCurrencies and SOAP_getCountries Return JobTitle for SOAP_getContactDetails Added methods: <ul style="list-style-type: none"> <li>• SOAP_getOrderTypes</li> <li>• SOAP_getVATRates</li> <li>• SOAP_getOrderPackageTypes</li> </ul>
2.7	18/12/2009	Added method SOAP_getContactIDForInstitution
2.8	18/01/2010	Added method SOAP_getGroupSubscriptionforInstitution Added Salutation for methods: <ul style="list-style-type: none"> <li>• SOAP_getContactDetails</li> <li>• SOAP_createContact</li> <li>• SOAP_updateContact</li> </ul>
2.9	20/01/2010	Added GroupSub fields to SOAP_getOrders
3.0	02/02/2010	Added methods: <ul style="list-style-type: none"> <li>• SOAP_getAccountCodeForContactInstitution</li> <li>• SOAP_getSubscriptionRatesEx</li> </ul> Added Keywords for methods: <ul style="list-style-type: none"> <li>• SOAP_getTitles</li> <li>• SOAP_getProductTypes</li> <li>• SOAP_getTitlesForProductType</li> </ul>
3.1	17/02/2010	Changed to show that ABC_ID is optional for Titles that are not using ABC
3.2	29/06/2010	Added method SOAP_updateContactAccountCodefor Newhall Publications
3.3	28/07/2010	Added optional Title_ID to call and return Vatable1IncludesVAT flag for methods: <ul style="list-style-type: none"> <li>• SOAP_getSubscriptionRate</li> <li>• SOAP_getSubscriptionRateEx</li> <li>• SOAP_getBookRate</li> </ul> Add optional Issue_ID to SOAP_getIssuesAndStock Added method SOAP_getOrdersBasic, returns basic order information Added Authorisation to CardPayment for SOAP_createOrder
3.3	07/08/2010	SOAP_createOrder: add DespatchMessage_Title_ID for Subs Promotions orders
3.4	09/09/2010	Added method SOAP_CreateDemographicAnswer
3.5	01/10/2010	Added Active & Keywords to SOAP_getSubsPromotions
3.6	16/10/2010	SOAP_createCirculation: added EndIssue_ID
3.7	16/10/2010	Added method SOAP_updateContactListRentalEmailStatus
3.8	10/02/2011	Added fields to SOAP_getOrdersBasic
3.9	21/03/2011	Added CreditCardToken for credit card payments
4.0	23/03/2011	Added Title/Start Issue to SOAP_createOrder method, defines issues

		for non-primary subscription subs promotion packages
		Added Title_ID to SOAP_checkforLiveSubscriptionforContact call
4.1	05/04/2011	Added method SOAP_getIssuesForTitleSubsPromotion
4.2	10/05/2011	Changed XML for SOAP_getIssuesForTitleSubsPromotion method
4.3	03/06/2011	Added method SOAP_getContactWebAccessLevel
4.4	27/07/2011	Add VATRates to methods: <ul style="list-style-type: none"> <li>• SOAP_getContactDetails</li> <li>• SOAP_createContact</li> <li>• SOAP_updateContact</li> </ul>
4.5	10/08/2011	Return OrderNumber for SOAP_createOrder
4.6	06/10/2011	Added method SOAP_contactLiveForTitleAndDespatchMode
4.7	24/10/2011	Amended SOAP_createOrder and SOAP_createSubscriptionOrder methods to cope with credit card payment plans
4.8	22/12/2011	Added methods: <ul style="list-style-type: none"> <li>• SOAP_getMarketingRules</li> <li>• SOAP_getMarkertingRuleQuestions</li> <li>• SOAP_getContactMarketingRules</li> </ul> SOAP_updateCreateContactMarketingRule
4.9	13/01/2012	Added FirstCollectionAmount to SOAP_createOrder Added DirectDebitFirstCollectionAmount to SOAP_createSubscriptionOrder
5.0	17/09/2012	Added Product UTL To SOAP_getIssueAndStock
5.1	30/04/2012	Added extra fields to SOAP_getSubscriptionRatesEx
5.2	22/05/2012	Added SOAP_getBookRatesEx
5.3	19/06/2012	Added Subs Promotion Only Rate to SOAP_getRates
5.4	20/09/2012	Added OrderReference, OrderDate and PaymentDate to SOAP_CreateOrder
5.5	24/10/2012	Amended SOAP_createContact and SOAP_updateContact, to return an error if the contact title is missing or invalid Added AreContactTitlesMandatory field to SOAP_getContactTypes Added method SOAP_getContactTitles
5.6	09/11/2012	Added methods: <ul style="list-style-type: none"> <li>• SOAP_getCommunicatorDespatchType</li> <li>• SOAP_checkEmail_Communicator</li> </ul> Added Forename to SOAP_checkContactExists
5.7	22/11/2012	Added method SOAP_getCirculationOrderDetailsEx to return extra fields
5.8	07/01/2012	Amended SOAP_checkContactExists to return Contact_ID if only one record matches the criteria
5.9	16/05/2013	Amended SOAP_getOrders to include an optional Title_ID parameter to limit returned data Amended SOAP_getOrders to include an optional parameters to limit the data returned by package category
6.0	30/01/2013	Add SOAP_getContactWebAccessLevelMC call
6.1	04/02/2013	Adding field Web Description to get Subscription Rates Ex, get Subs Promotions and get Book Rates Ex
6.2	18/03/2013	Amend the documentation of CreateCirculationOrder to show that Issue



		Id is an optional rather than a mandatory field.
6.3	30/04/2013	Alter SOAP_UpdateContact and SOAP_CreateContact to include the field Address Checked.
		Alter SOAP_getContactDetails to return the field Address Checked.
6.4	16/05/2013	Alter SOAP_getOrders to have an optional Title_ID parameter to limit returned data.
		Alter SOAP_getOrders to have optional parameters to limit the data returned by package category.
6.5	19/05/2013	Alter SOAP_getOrders to have an optional ReturnInvoiceAgentOrders Parameter to return orders where Contact_ID is the invoice or agent contact
		Added method SOAP_getContacts, returns a list of Contact_ID values
6.6	21/05/2013	Added parameter OverrideRateValue to SOAP_CreateOrder
6.7	27/08/2013	Add copies field to SOAP_getOrdersBasic
		Added SOAP_getOrderBasic
		Added Order_ID and OrderNumber parameters to SOAP_getOrders
6.8	17/09/2013	Amended SOAP_createOrder so CollectionFrequency_ID is optional for DD payments
6.9	16/01/2013	Amend SOAP_getOrdersBasic & SOAP_getOrderBasic to return CreationDate
7.0	06/04/2014	Added SOAP_getGiftAidDeclarations call
		Return GiftAidDeclaration_ID, GiftAid_StartDate & GiftAid_EndDate to SOAP_getContactDetails
		Add GiftAidDeclaration_ID, GiftAid_StartDate & GiftAid_EndDate to SOAP_updateContactDetails & SOAP_createContact

# 1 - Login and related functions

## SOAP\_login

### Description

Validates Username and Password on Myriad

### Request

```
<Body>
  <SOAP_login>
    <WebUsername xsi:type="xsd:string">andy@gg.co.uk</WebUsername>
    <WebPassword xsi:type="xsd:string">andy001</WebPassword>
  </SOAP_login>
</Body>
```

### Response

```
<Body>
  <SOAP_login_Response>
    <Success xsi:type="xsd:boolean">true</Success>
    <Contact_ID xsi:type="xsd:int">11</Contact_ID>
    <Contact xsi:type="xsd:string">Andy Smith</Contact>
  </SOAP_login_Response>
</Body>
```

### Soap Fault

- 10 Missing fields
- 29 Contact not found
- 30 Multiple contacts found

## SOAP\_checkEmail

### Description

Checks whether email address exists on Myriad

### Request

```
<Body>
  <SOAP_checkEmail>
    <EmailAddress xsi:type="xsd:string">andy@gg.co.uk</EmailAddress>
  </ SOAP_checkEmail>
</Body>
```

### Response

```
<Body>
  <SOAP_checkEmail_Response>
    <Exists xsi:type="xsd:boolean">true</Success>
    <Contact_ID xsi:type="xsd:int">11</Contact_ID>
  </ SOAP_checkEmail_Response>
</Body>
```

### Soap Fault

- 10 Missing fields
- 29 Contact not found
- 30 Multiple contacts found

## SOAP\_checkEmail\_Communicator

### Description

Checks whether an email address exists on Myriad for the Email Despatch Type setup on Communicator.

### Request

```
<Body>
  <SOAP_checkEmail_Communicator>
    <EmailAddress xsi:type="xsd:string">andy@gg.co.uk</EmailAddress>
  </ SOAP_checkEmail_Communicator>
</Body>
```

### Response

```
<Body>
  <SOAP_checkEmail_Communicator_Response>
    <Exists xsi:type="xsd:boolean">true</Success>
    <Contact_ID xsi:type="xsd:int">11</Contact_ID>
  </ SOAP_checkEmail_Communicator_Response>
</Body>
```

### Soap Fault

- 10 Missing fields
- 29 Contact not found
- 30 Multiple contacts found

## SOAP\_getDetailsforWebUsername

### Description

Gets Contact\_ID, AccountCode, WebPassword for a Web Username

### Request

```
<Body>
  <SOAP_getDetailsforWebUsername>
    <WebUsername xsi:type="xsd:string">andy@gg.co.uk</WebUsername>
  </ SOAP_getDetailsforWebUsername>
</Body>
```

### Response

```
<Body>
  <SOAP_getDetailsforWebUsername_Response>
    <Contact_ID xsi:type="xsd:int">11</Contact_ID>
    <AccountCode xsi:type="xsd:int">141</AccountCode>
    <WebPassword xsi:type="xsd:string">test</WebPassword>
  </ SOAP_ getDetailsforWebUsername_Response>
</Body>
```

### Soap Fault

- 10 Missing fields
- 30 Multiple Contacts found
- 57 Web Username not found

## SOAP\_getContactWebAccessLevel

### Description

Returns the WebAccessLevel based on the Access admin setup.

### Request

```
<Body>  
  <SOAP_getContactWebAccessLevel>  
    <Contact_ID xsi:type="xsd:int">34234</Contact_ID>  
  </SOAP_getContactWebAccessLevel>  
</Body>
```

### Response

```
<Body>  
  <SOAP_getContactWebAccessLevel_Response>  
    <WebAccessLevel xsi:type="xsd:string">Retail</WebAccessLevel>  
    <ExpiryDate xsi:type="xsd:date">2010-05-09</ExpiryDate>  
  </SOAP_getContactWebAccessLevel_Response>  
</Body>
```

### Soap Fault

- 10 Missing fields
- 29 Contact not found

## SOAP\_getContactWebAccessLevelMC

### Description

Returns the status and active flag for Account Code and Surname passed in, if there is no match status will be unknown and active will be false.

### Request

```
<Body>
  <SOAP_getContactWebAccessLevelMC>
    <AccountCode xsi:type="xsd:string">012345</AccountCode>
    <Surname xsi:type="xsd:string">Smith</Surname>
  </SOAP_getContactWebAccessLevelMC>
</Body>
```

### Response

```
<Body>
  <SOAP_getContactWebAccessLevelMC_Response>
    <status xsi:type="xsd:string">Gold</status>
    <active xsi:type="xsd:boolean">true</active>
  </SOAP_getContactWebAccessLevelMC_Response>
</Body>
```

### Soap Fault

10      Missing fields

## 2 – Retrieve contact related table data

### SOAP\_getAreas

#### Description

Returns a list of areas

#### Request

```
<Body>  
  <SOAP_getAreas>  
  </SOAP_getAreas>  
</Body>
```

#### Response

String Array – Area\_ID;Area

```
<Body>  
  <Areas enc:arrayType="xsd:string[0]">  
    <Area>3;AB10</Area>  
    <Area>4;AB11</Area>  
    <Area>5;AB12</Area>  
  </Areas>  
</Body>
```



## SOAP\_getCountries

### Description

Returns a list of countries

### Request

```
<Body>  
  <SOAP_getCountries>  
  </SOAP_getCountries>  
</Body>
```

### Response

String Array – Country\_ID;Country;ISOCODE

```
<Body>  
  <Countries enc:arrayType="xsd:string[0]">  
    <Country>1;UNITED KINGDOM;GBR</Country>  
    <Country>2;POLAND;POL</Country>  
    <Country>3;USA;USA</Country>  
    <Country>4;FRANCE;FRA</Country>  
  </Countries>  
</Body>
```

## SOAP\_getJobTitles

### Description

Returns a list of job titles

### Request

```
<Body>  
  <SOAP_getJobTitles>  
  </SOAP_getJobTitles>  
</Body>
```

### Response

String Array – JobTitle\_ID;JobTitle

```
<Body>  
  <JobTitles enc:arrayType="xsd:string[0]">  
    <JobTitle>1;(Unknown)</JobTitle>  
    <JobTitle>1000;Academic</JobTitle>  
    <JobTitle>1001;Geologist/Investigator</JobTitle>  
  </JobTitles>  
</Body>
```

## SOAP\_getCurrencies

### Description

Returns a list of currencies

### Request

```
<Body>  
  <SOAP_getCurrencies>  
  </SOAP_getCurrencies>  
</Body>
```

### Response

String Array – Currency\_ID;Currency;ISOCode

```
<Body>  
  <Currencies enc:arrayType="xsd:string[0]">  
    <Currency>1;UK Pounds;GBP</Currency>  
    <Currency>2;US Dollars;USD</Currency>  
    <Currency>4;Euro;EUR</Currency>  
  </Currencies>  
</Body>
```

## SOAP\_getDespatchTypes

### Description

Returns a list of despatch types

### Request

```
<Body>  
  <SOAP_getDespatchTypes>  
  </SOAP_getDespatchTypes>  
</Body>
```

### Response

String Array – DespatchCategory\_ID;DespatchType\_ID;DespatchType

```
<Body>  
  <DespatchTypes enc:arrayType="xsd:string[0]">  
    <DespatchType>3;1;Email</DespatchType>  
    <DespatchType>1;3;Phone</DespatchType>  
    <DespatchType>2;9;Fax</DespatchType>  
  </Currencies>  
</Body>
```

DespatchCategory_ID	Category
1	Telephone
2	Fax
3	Email
4	Post
5	Presstream or Mailsort
6	Website
7	Sales Lead Email

## SOAP\_getCommunicatorDespatchType

### Description

Returns despatch type set for Communicator Email

### Request

```
<Body>  
  <SOAP_getCommunicatorDespatchType>  
  </SOAP_getCommunicatorDespatchType>  
</Body>
```

### Response

```
<Body>  
  <DespatchTypes>  
    <DespatchType>  
      <DespatchCategory_ID xsi:type="xsd:int">1</DespatchCategory_ID>  
      <DespatchType_ID xsi:type="xsd:int">60</DespatchType_ID>  
      <DespatchType xsi:type="xsd:string">Communicator Email</DespatchType>  
    </DespatchType>  
  </DespatchTypes>  
</Body>
```

DespatchCategory_ID	Category
3	Email

## SOAP\_getDemographicQuestions

### Description

Returns a list of demographic questions

### Request

```
<Body>  
  <SOAP_getDemographicQuestions>  
  </SOAP_getDemographicQuestions>  
</Body>
```

### Response

String Array –

DemographicQuestion\_ID;DataType\_ID;DemographicUsage;DemographicQuestion

```
<Body>  
  <DemographicQuestions enc:arrayType="xsd:string[0]">  
    <DemographicQuestion>9;1;Contact;Email Preference</DemographicQuestion>  
    <DemographicQuestion>10;1;Order;Source</DemographicQuestion>  
  </DemographicQuestions>  
</Body>
```

DataType_ID -	1	Pick One From List
	2	Pick Many From List
	3	Integer
	4	Integer Range
	5	Number
	6	Number Range
	7	Currency
	8	Currency Range
	9	Percentage
	10	Percentage Range
	11	Date
	12	Date Range
	13	Free Text

## SOAP\_getDemographicAnswers

### Description

Returns a list of demographic answers to the related question

### Request

```
<Body>
  <SOAP_getDemographicQuestions>
    <DemographicQuestion_ID xsi:type="xsd:int">1</DemographicQuestion_ID>
  </SOAP_getDemographicQuestions>
</Body>
```

### Response

String Array – DemographicQuestList\_ID;ResponseNumber;Response

```
<Body>
  <DemographicAnswers enc:arrayType="xsd:string[0]">
    <DemographicAnswer>60;N;No</DemographicAnswer>
    <DemographicAnswer>59;Y,Yes</DemographicAnswer>
  </DemographicAnswers>
</Body>
```

### Soap Fault

10 Missing fields

## SOAP\_createDemographicAnswer

### Description

Creates a Demographic Answer for a One From/Many From List Demographic Question

### Request

```
<Body>
  <SOAP_createDemographicAnswer>
    <DemographicQuestion_ID xsi:type="xsd:int">1</DemographicQuestion_ID>
    <ResponseNumber xsi:type="xsd:string">Y</ResponseNumber>
    <Response xsi:type="xsd:string">Yes</Response>
  </SOAP_createDemographicAnswer>
</Body>
```

### Response

```
<Body>
  <SOAP_createDemographicAnswer_Response>
    <DemographicQuestList_ID xsi:type="xsd:int">60</DemographicQuestList_ID>
  </SOAP_createDemographicAnswer_Response>
</Body>
```

### Soap Fault

- 8 DemographicQuestion\_ID not found
- 10 Missing fields
- 67 Not allowed for this Demographic Question
- 68 Response Number already exists for this Demographic Question
- 69 Response already exists for this Demographic Question



## SOAP\_getInvoiceFrequencies

### Description

Returns a list of invoice frequencies

### Request

```
<Body>  
  <SOAP_getInvoiceFrequencies>  
  </SOAP_getInvoiceFrequencies>  
</Body>
```

### Response

String Array – InvoiceFrequency\_ID;InvoiceFrequency

```
<env:Body>  
  <InvoiceFrequencies enc:arrayType="xsd:string[0]">  
    <InvoiceFrequency>1;On Production</InvoiceFrequency>  
    <InvoiceFrequency>2;Monthly</InvoiceFrequency>  
    <InvoiceFrequency>3;By Date</InvoiceFrequency>  
  </InvoiceFrequencies>  
</env:Body>
```

## SOAP\_getCountryGrouping

### Description

Returns a list of country groupings

### Request

```
<Body>  
  <SOAP_getCountryGroupings>  
  </SOAP_getCountryGroupings>  
</Body>
```

### Response

String Array – CountryGrouping\_ID;CountryGrouping

```
<env:Body>  
  <CountryGroupings enc:arrayType="xsd:string[0]">  
    <CountryGrouping>1;United Kingdom</CountryGrouping>  
    <CountryGrouping>2;ROW</CountryGrouping>  
  </CountryGroupings>  
</env:Body>
```

## SOAP\_getContactTypes

### Description

Returns a list of contact types

### Request

```
<Body>  
  <SOAP_getContactTypes>  
  </SOAP_getContactTypes>  
</Body>
```

### Response

```
<env:Body>  
  <ContactTypes>  
    <ContactType>  
      <ContactType_ID xsi:type="xsd:int">1</ContactType_ID>  
      <ContactType xsi:type="xsd:string">Customer</ContactType>  
      <AreContactTitlesMandatory xsi:type="xsd:boolean">  
false</AreContactTitlesMandatory>  
    </ContactType>  
  </ContactTypes>  
</Body>
```

## SOAP\_getContactTitles

### Description

Returns a list of contact titles

### Request

```
<Body>  
  <SOAP_getContactTitles>  
  </SOAP_getContactTitles>  
</Body>
```

### Response

```
<env:Body>  
  <ContactTitles>  
    <ContactTitle>  
      <ContactTitle xsi:type="xsd:string">Mr</ContactTitle>  
    </ContactTitle >  
  </ContactTitles>  
</Body>
```

## SOAP\_getMarketingRules

### Description

Returns a list of marketing rules

### Request

```
<Body>  
  <SOAP_getMarketingRules>  
  </SOAP_getMarketingRules>  
</Body>
```

### Response

```
<Body>  
  <MarketingRules>  
    <MarketingRule>  
      <MarketingRule_ID xsi:type="xsd:int">9</MarketingRule_ID>  
      <Rule xsi:type="xsd:string">Subs Marketing</Rule>  
    </MarketingRule>  
  </MarketingRules>  
</Body>
```

## SOAP\_getMarketingRuleQuestions

### Description

Returns a list of questions to the related marketing rule

### Request

```
<Body>
  <SOAP_getMarketingRuleQuestions>
    <MarketingRule_ID xsi:type="xsd:int">1</MarketingRule_ID>
  </SOAP_getMarketingRuleQuestions>
</Body>
```

### Response

```
<Body>
  <MarketingQuestions>
    <MarketingQuestion>
      <MarketingQuestion_ID xsi:type="xsd:int">60</MarketingQuestion_ID>
      <Code xsi:type="xsd:string">Y</Code>
      <Question xsi:type="xsd:string">Yes</Question>
    </MarketingQuestion>
    <MarketingQuestion_ID xsi:type="xsd:int">61</MarketingQuestion_ID>
    <Code xsi:type="xsd:string">N</Code>
    <Question xsi:type="xsd:string">No</Question>
  </MarketingQuestions>
</Body>
```

### Soap Fault

10 Missing fields

## SOAP\_getGiftAidDeclarations

### Description

Returns a list of Gift Aid Declarations

### Request

```
<Body>  
  <SOAP_getGiftAidDeclarations>  
  </SOAP_getGiftAidDeclarations>  
</Body>
```

### Response

```
<Body>  
  <GiftAidDeclarations>  
    <GiftAidDeclaration>  
      <GiftAidDeclaration_ID xsi:type="xsd:int">1</GiftAidDeclaration_ID>  
      <GiftAidDeclaration xsi:type="xsd:string">Web</GiftAidDeclaration>  
    </GiftAidDeclaration>  
  </GiftAidDeclarations>  
</Body>
```

## 3 – Contact functions

### SOAP\_getContactDetails

#### Description

Returns contact details such as name, address and account code.

#### Request

```
<Body>
  <SOAP_getContactDetails>
    <Contact_ID xsi:type="xsd:int">2000</Contact_ID>
    <Institution_ID xsi:type="xsd:int">200</Institution_ID>
  </SOAP_getContactDetails>
</Body>
```

Either Contact\_ID or Institution\_ID must be passed

#### Response for Contact\_ID

```
<Body>
  <SOAP_getContactDetails_Response>
    <AccountCode xsi:type="xsd:string">2000</AccountCode>
    <Title xsi:type="xsd:string" />
    <Initials xsi:type="xsd:string">C</Initials>
    <Forename xsi:type="xsd:string" />
    <Surname xsi:type="xsd:string">Garent</Surname>
    <LabelName xsi:type="xsd:string">C Garent</LabelName>
    <JobTitle_ID xsi:type="xsd:int">1</JobTitle_ID>
    <Department xsi:type="xsd:string">Biochemistry</Department>
    <Company xsi:type="xsd:string">Alberta University</Company>
    <HouseName xsi:type="xsd:string" />
    <HouseNumber xsi:type="xsd:string" />
    <Street xsi:type="xsd:string">Medical Sciences Bldg</Street>
    <Locality xsi:type="xsd:string" />
    <Town xsi:type="xsd:string">EDMONTON</Town>
    <County xsi:type="xsd:string">AB</County>
    <PostCode xsi:type="xsd:string">T6G 2H7</PostCode>
    <Country_ID xsi:type="xsd:int">646</Country_ID>
    <SearchField1 xsi:type="xsd:string" />
    <SearchField2 xsi:type="xsd:string" />
    <SearchField3 xsi:type="xsd:string" />
    <WebUserName xsi:type="xsd:string">Test1</WebUserName>
    <WebPassword xsi:type="xsd:string">Test1</WebPassword>
    <AreaCode_ID xsi:type="xsd:string">3019</AreaCode_ID>
```



```

<Currency_ID xsi:type="xsd:int">1</Currency_ID>
<InvoiceSubscription xsi:type="xsd:boolean">true</InvoiceSubscription>
<InvoiceFrequency_ID xsi:type="xsd:int">1</InvoiceFrequency_ID>
<ContactType_ID xsi:type="xsd:int">1</ContactType_ID>
<Contact_ID xsi:type="xsd:int">12</Contact_ID>
<Institution_ID xsi:type="xsd:int">12</Institution_ID>
<Salutation xsi:type="xsd:string">Mr Garent</Salutation>
<Rate1_VATRate_ID xsi:type="xsd:int">1</Rate1_VATRate_ID>
<RatePostAndPack_VATRate_ID xsi:type="xsd:int">1
    </RatePostAndPack_VATRate_ID>
<AddressChecked xsi:type="xsd:int">1</AddressChecked>
<GiftAidDeclaration_ID xsi:type="xsd:int">1</GiftAidDeclaration_ID>
<GiftAid_StartDate xsi:type="xsd:string">YYYY-MM-DD</GiftAid_StartDate>
<GiftAid_EndDate xsi:type="xsd:string">YYYY-MM-DD</GiftAid_EndDate>
</SOAP_getContactDetails_Response>
</Body>

```

### Response for Institution\_ID

```

<Body>
<SOAP_getContactDetails_Response>
<Contacts>
<Contact>
<AccountCode xsi:type="xsd:string">2000</AccountCode>
<Title xsi:type="xsd:string" />
<Initials xsi:type="xsd:string">C</Initials>
<Forename xsi:type="xsd:string" />
<Surname xsi:type="xsd:string">Garent</Surname>
<LabelName xsi:type="xsd:string">C Garent</LabelName>
<JobTitle_ID xsi:type="xsd:int">1</JobTitle_ID>
<Department xsi:type="xsd:string">Biochemistry</Department>
<Company xsi:type="xsd:string">Alberta University</Company>
<HouseName xsi:type="xsd:string" />
<HouseNumber xsi:type="xsd:string" />
<Street xsi:type="xsd:string">Medical Sciences Bldg</Street>
<Locality xsi:type="xsd:string" />
<Town xsi:type="xsd:string">EDMONTON</Town>
<County xsi:type="xsd:string">AB</County>
<PostCode xsi:type="xsd:string">T6G 2H7</PostCode>
<Country_ID xsi:type="xsd:int">646</Country_ID>
<SearchField1 xsi:type="xsd:string" />
<SearchField2 xsi:type="xsd:string" />
<SearchField3 xsi:type="xsd:string" />
<WebUserName xsi:type="xsd:string">Test1</WebUserName>
<WebPassword xsi:type="xsd:string">Test1</WebPassword>
<AreaCode_ID xsi:type="xsd:string">3019</AreaCode_ID>

```

```

<Currency_ID xsi:type="xsd:int">1</Currency_ID>
<InvoiceSubscription xsi:type="xsd:boolean">true</InvoiceSubscription>
<InvoiceFrequency_ID xsi:type="xsd:int">1</InvoiceFrequency_ID>
<ContactType_ID xsi:type="xsd:int">1</ContactType_ID>
<Contact_ID xsi:type="xsd:int">12</Contact_ID>
<Institution_ID xsi:type="xsd:int">12</Institution_ID>
<Salutation xsi:type="xsd:string">Mr Garent</Salutation>
<Rate1_VATRate_ID xsi:type="xsd:int">1</Rate1_VATRate_ID>
<RatePostAndPack_VATRate_ID xsi:type="xsd:int">1
    </RatePostAndPack_VATRate_ID>
<AddressChecked xsi:type="xsd:int">1</AddressChecked>
<GiftAidDeclaration_ID xsi:type="xsd:int">1</GiftAidDeclaration_ID>
<GiftAid_StartDate xsi:type="xsd:string">YYYY-MM-DD</GiftAid_StartDate>
<GiftAid_EndDate xsi:type="xsd:string">YYYY-MM-DD</GiftAid_EndDate>
</Contact>
</Contacts>
</SOAP_getContactDetails_Response>
</Body>

```

### Soap Fault

- 2      Contact\_ID not found
- 10     Missing fields
- 60     Must supply Contact\_ID or Institution\_ID
- 61     Institution\_ID not found

## SOAP\_getContactCommunications

### Description

Returns all contact communications – phone, fax and email addresses

### Request

```
<Body>
  <SOAP_getContactCommunications>
    <Contact_ID xsi:type="xsd:int">2000</Contact_ID>
  </SOAP_getContactCommunications>
</Body>
```

### Response

String Array –

ContactCommunication\_ID;DespatchType\_ID;ContactCommunication;PrimaryUse

```
<Body>
  <ContactCommunications enc:arrayType="xsd:string[0]">
    <ContactCommunication>500;3;andy@gg.co.uk;Yes</ContactCommunication>
    <ContactCommunication>501;1;0845 8990 341;No</ContactCommunication>
  </ContactCommunications>
</Body>
```

### Soap Fault

- 2 Contact\_ID not found
- 10 Missing fields

## SOAP\_getContactIDForInstitution

### Description

Returns all Contact\_ID for an Institution\_ID

### Request

```
<Body>
  <SOAP_getContactIDForInstitution>
    <Institution_ID xsi:type="xsd:int">2000</Institution_ID>
  </SOAP_getContactIDForInstitution>
</Body>
```

### Response

```
<Body>
  <SOAP_getContactIDForInstitution_Response>
    <Contact_ID xsi:type="xsd:int">23</Contact_ID>
  </SOAP_getContactIDForInstitution_Response>
</Body>
```

### Soap Fault

61	Institution_ID not found
10	Missing fields

## SOAP\_getAccountCodeForContactInstitution

### Description

Returns Account Code for a Contact\_ID/Institution\_ID

### Request

```
<Body>
  <SOAP_getAccountCodeForContactInstitution>
    <Contact_ID xsi:type="xsd:int">2010</Contact_ID>
    <Institution_ID xsi:type="xsd:int">2000</Institution_ID>
  </SOAP_getAccountCodeForContactInstitution>
</Body>
```

### Response

```
<Body>
  <SOAP_getAccountCodeForContactInstitution_Response>
    <AccountCode xsi:type="xsd:string">00343</AccountCode>
  </SOAP_getAccountCodeForContactInstitution_Response>
</Body>
```

### Soap Fault

2      Contact\_ID not found  
61     Institution\_ID not found

## SOAP\_getContactDemographics

### Description

Returns all contact demographics

### Request

```
<Body>
  <SOAP_getContactDemographics>
    <Contact_ID xsi:type="xsd:int">2000</Contact_ID>
  </SOAP_getContactDemographics>
</Body>
```

### Response

String Array –

DemographicQuestion\_ID;DataType\_ID;DemographicAnswer1;DemographicAnswer2;DemographicQuestList\_ID's

```
<Body>
  <ContactDemographics enc:arrayType="xsd:string[0]">
    <ContactDemographic>2;2;;;6</ContactDemographic>
    <ContactDemographic>4;2;;;19|22|23|24</ContactDemographic>
    <ContactDemographic>3;13;From Import;;</ContactDemographic>
  </ContactDemographics>
</Body>
```

DataType_ID -	1	Pick One From List
	2	Pick Many From List
	3	Integer
	4	Integer Range
	5	Number
	6	Number Range
	7	Currency
	8	Currency Range
	9	Percentage
	10	Percentage Range
	11	Date
	12	Date Range
	13	Free Text

DemographicQuestList\_ID's is a | (pipe) terminated string of DemographicQuestList\_ID

## Soap Fault

2	Contact_ID not found
10	Missing fields

## SOAP\_getContactMarketingRules

### Description

Returns all contact marketing rules

### Request

```
<Body>
  <SOAP_getContactMarketingRules>
    <Contact_ID xsi:type="xsd:int">2000</Contact_ID>
  </SOAP_getContactMarketingRules>
</Body>
```

### Response

```
<Body>
  <ContactMarketingRules>
    <ContactMarketingRule>
      <MarketingRule_ID>2</MarketingRule_ID>
      <MarketingQuestions>
        <MarketingQuestion>
          <MarketingQuestion_ID>2</MarketingQuestion_ID>
          <Answer>Yes</Answer>
        </MarketingQuestion>
      </MarketingQuestions>
    </ContactMarketingRule>
  </ContactMarketingRules>
</Body>
```

### Soap Fault

2	Contact_ID not found
10	Missing fields



## SOAP\_createCountry

### Description

Creates Country record

### Request

```
<Body>
  <SOAP_createCountry>
    <Country xsi:type="xsd:string">34</Country>
    <CountryGroupng_ID xsi:type="xsd:int">1</CountryGroupng_ID>
    <DespatchMode_ID xsi:type="xsd:int">1</DespatchMode_ID>
  </SOAP_createCountry>
</Body>
```

### Response

```
<Body>
  <SOAP_createCountry_Response>
    <Success xsi:type="xsd:boolean">true</Success>
    <Country_ID xsi:type="xsd:int">23</Country_ID>
  </SOAP_createCountry_Response>
</Body>
```

### Soap Fault

- |    |                              |
|----|------------------------------|
| 1  | No parameters                |
| 22 | DespatchMode_ID not found    |
| 36 | CountryGrouping_ID not found |
| 10 | Missing Parameters           |

## SOAP\_updateContact

### Description

Updates a Contacts details

### Request

```
<Body>
  <SOAP_UpdateContact>
    <Contact_ID xsi:type="xsd:string">34</Contact_ID>
    <Title xsi:type="xsd:string">Mr</Title>
    <Initials xsi:type="xsd:string">AC</Initials>
    <Forename xsi:type="xsd:string" />
    <Surname xsi:type="xsd:string">Smith</Surname>
    <LabelName xsi:type="xsd:string" />
    <JobTitle_ID xsi:type="xsd:int">1</JobTitle_ID>
    <Department xsi:type="xsd:string" />
    <Company xsi:type="xsd:string" />
    <HouseName xsi:type="xsd:string">Old Kiln Yard</HouseName>
    <HouseNumber xsi:type="xsd:string" />
    <Street xsi:type="xsd:string">Shute End</Street>
    <Locality xsi:type="xsd:string" />
    <Town xsi:type="xsd:string">Wokingham</Town>
    <County xsi:type="xsd:string">Berkshire</County>
    <PostCode xsi:type="xsd:string">RG40 1BJ</PostCode>
    <Country_ID xsi:type="xsd:int">1</Country_ID>
    <Web_UserName xsi:type="xsd:string">Test2</Web_UserName>
    <Web_Password xsi:type="xsd:string">Test2</Web_Password>
    <AreaCode_ID xsi:type="xsd:int">2</AreaCode_ID>
    <Currency_ID xsi:type="xsd:int">1</Currency_ID>
    <InvoiceSubscription xsi:type="xsd:boolean">true</InvoiceSubscription>
    <InvoiceFrequency_ID xsi:type="xsd:int">1</InvoiceFrequency_ID>
    <Institution_ID xsi:type="xsd:int">12</Institution_ID>
    <Salutation xsi:type="xsd:string">Mr Garent</Salutation>
    <Rate1_VATRate_ID xsi:type="xsd:int">1</Rate1_VATRate_ID>
    <RatePostAndPack_VATRate_ID xsi:type="xsd:int">1
      </RatePostAndPack_VATRate_ID>
    <AddressChecked xsi:type="xsd:int">1</AddressChecked>
    <GiftAidDeclaration_ID xsi:type="xsd:int">1</GiftAidDeclaration_ID>
    <GiftAid_StartDate xsi:type="xsd:string">YYYY-MM-DD</GiftAid_StartDate>
    <GiftAid_EndDate xsi:type="xsd:string">YYYY-MM-DD</GiftAid_EndDate>
  </SOAP_UpdateContact>
</Body>
```

If Salutation element is not supplied then Salutation will not be updated.

## Response

```
<Body>
  <SOAP_updateContact_Response>
    <Success xsi:type="xsd:boolean">true</Success>
  </SOAP_updateContact_Response>
</Body>
```

## Soap Fault

- 1 No parameters
- 2 Contact\_ID not found
- 11 JobTitle\_ID not found
- 12 Country\_ID not found
- 13 AreaCode\_ID not found
- 14 Currency\_ID not found
- 28 InvoiceFrequency\_ID not found
- 58 Web Username already exists
- 61 Institution\_ID not found
- 62 Company not supplied for Institution
- 83 Must supply a Contact Title
- 84 Contact Title not found
- 93 GiftAidDeclaration\_ID not found

## SOAP\_updateContactCommunication

### Description

Updates a Contacts Communication record

### Request

```
<Body>
  <SOAP_updateContactCommunication>
    <Contact_ID xsi:type="xsd:int">34</Contact_ID>
    <ContactCommunication_ID xsi:type="xsd:int">
      34</ContactCommunication_ID>
    <DespatchType_ID xsi:type="xsd:int">1</DespatchType_ID>
    <ContactCommunication xsi:type="xsd:string">
      0845 89990 341</ContactCommunication>
    <PrimaryUse xsi:type="xsd:boolean">true</PrimaryUse>
  </SOAP_updateContactCommunication>
</Body>
```

If ContactCommunication is blank then that Communication is deleted

### Response

```
<Body>
  <SOAP_updateContactCommunication_Response>
    <Success xsi:type="xsd:boolean">true</Success>
    <ContactCommunication_ID xsi:type="xsd:int">23</ContactCommunication_ID>
    <Updated xsi:type="xsd:boolean">true</Updated>
    <Created xsi:type="xsd:boolean">true</Created>
  </SOAP_updateContactCommunication_Response>
</Body>
```

If Updated is true then current ContactCommunication record was Updated.

If Created is true then the current ContactCommunication record could not be found and a new ContactCommunication record was Created and the ContactCommunication\_ID will contain the new value.

### Soap Fault

- 1 No parameters
- 2 Contact\_ID not found
- 6 ContactCommunication\_ID not found
- 7 DespatchType\_ID not found
- 31 Communication already exists for this DespatchType/Communication/PrimaryUse

combination.

- 32 Communication already exists for this DespatchType/Communication combinataion.
- 33 Primary communication already exists for this DespatchType

## SOAP\_updateContactDemographic

### Description

Updates a Contacts Demographic

### Request

```
<Body>
  <SOAP_updateContactDemographic>
    <Contact_ID xsi:type="xsd:int">34</Contact_ID>
    <DemographicQuestion_ID xsi:type="xsd:int">
      3</DemographicQuestion_ID>
    <DemographicAnswer1 xsi:type="xsd:string">Telephone</DemographicAnswer1>
    <DemographicAnswer2 xsi:type="xsd:string">34</DemographicAnswer2>
    <DemographicQuestList_IDs xsi:type="xsd:string">
      12|23</DemographicQuestList_IDs>
  </SOAP_updateContactDemographic>
</Body>
```

DemographicQuestList\_IDs is a '|' terminated string of DemographicQuestList\_ID, if DemographicQuestList\_IDs is empty then demographic will be deleted.

### Response

```
<Body>
  <SOAP_updateContactDemographic _Response>
    <Success xsi:type="xsd:boolean">true</Success>
  </SOAP_updateContactDemographic _Response>
</Body>
```

### Soap Fault

- 1 No parameters
- 2 Contact\_ID not found
- 8 DemographicQuestion\_ID not found
- 9 DemographicQuestList\_ID not found

## SOAP\_updateContactAccountCode

### Description

Updates a Contacts Account Code for Newhall Publications, will also change Contact Type to Customer if changing to MEM.

### Request

```
<Body>
  <SOAP_UpdateContactAccountCode>
    <Contact_ID xsi:type="xsd:string">34</Contact_ID>
    <AccountCode xsi:type="xsd:string">MEM</AccountCode>
  </SOAP_UpdateContactAccountCode>
</Body>
```

Parameters in **Bold** are mandatory

AccountCode parameter use will depend on settings in Myriad. For Newhall Publications the known Prefixes will generate Account Codes as required.

### Response

```
<Body>
  <SOAP_updateContactAccountCode_Response>
    <Success xsi:type="xsd:boolean">true</Success>
    <AccountCode xsi:type="xsd:string">87323485</AccountCode>
  </SOAP_updateContactAccountCode_Response>
</Body>
```

AccountCode will return new AccountCode

### Soap Fault

- 1 No parameters
- 38 Cannot generate Account Code for Newhall

## SOAP\_checkContactExists

### Description

Checks if a contact is already on the database. If only one contact is matched then the Contact\_ID will be returned.

### Request

```
<Body>
  <SOAP_checkContactExists>
    <Surname xsi:type="xsd:string">Smith</Surname>
    <Company xsi:type="xsd:string" />
    <PostCode xsi:type="xsd:string">CB4 1TF</PostCode>
    <Country_ID xsi:type="xsd:int">1</Country_ID>
    <Forename xsi:type="xsd:string">Andy</Forename>
  </SOAP_checkContactExists>
</Body>
```

### Response

```
<Body>
  <checkContactExists_Response>
    <Exists xsi:type="xsd:boolean">True</Exists>
    <Contact_ID xsi:type="xsd:int">11</Contact_ID>
  </checkContactExists_Response>
</Body>
```

### Soap Fault

- 1 No parameters



## SOAP\_getContactbyAccountCode

### Description

Checks if a contact is already on the database by Account Code / Postal Code

### Request

```
<Body>
  <SOAP_ getContactbyAccountCode>
    <AccountCode xsi:type="xsd:string">000123</AccountCode>
    <PostalCode xsi:type="xsd:string">CB4 1TF</PostalCode>
  </SOAP_ getContactbyAccountCode>
</Body>
```

### Response

```
<Body>
  <getContactbyAccountCode_Response>
    <Contacts enc:arrayType="xsd:int[0]">>
      <Contact_ID>1234</Contact_ID>
    </SOAP_ getContactbyAccountCode_Response>
</Body>
```

### Soap Fault

- 1      No parameters
- 37     No Contacts found

## SOAP\_getLastAccountCodeforSurnamePostcode

### Description

Returns last create contact for Surname, Postal Code & House Name/House Number

### Request

```
<Body>
  <SOAP_getLastAccountCodeforSurnamePostcode>
    <Surname xsi:type="xsd:string">000123</Surname>
    <PostalCode xsi:type="xsd:string">CB4 1TF</PostalCode>
    <HouseNumber xsi:type="xsd:string">423</HouseNumber>
    <HouseName xsi:type="xsd:string">The House</HouseName>
  </SOAP_getLastAccountCodeforSurnamePostcode>
</Body>
```

House Number and House Name are optional will match on whatever is supplied.

### Response

```
<Body>
  <SOAP_getLastAccountCodeforSurnamePostcode_Response>
    <AccountCode>1234</AccountCode>
  </SOAP_getLastAccountCodeforSurnamePostcode_Response>
</Body>
```

### Soap Fault

- 1 No parameters
- 30 Multiple Contacts found
- 37 No Contacts found

## SOAP\_getContacts

### Description

Returns a list of Contact\_ID's that match the fields passed in.

### Request

```
<Body>
  <SOAP_getContacts>
    <Surname xsi:type="xsd:string">Smith</Surname>
    <Company xsi:type="xsd:string" />
    <PostCode xsi:type="xsd:string">CB4 1TF</PostCode>
    <Country_ID xsi:type="xsd:int">1</Country_ID>
    <Forename xsi:type="xsd:string">Andy</Forename>
  </SOAP_getContacts>
</Body>
```

### Response

```
<Body>
  <getContacts_Response>
    <Contacts>
      <Contact_ID>1234</Contact_ID>
      <Contact_ID>1234</Contact_ID>
    </Contacts>
  </SOAP_getContacts_Response>
</Body>
```

### Soap Fault

- 1      No parameters
- 37     No Contacts found

## SOAP\_createContact

### Description

Create a Contact

### Request

```
<Body>
  <SOAP_createContact>
    <Title xsi:type="xsd:string">Mr</Title>
    <Initials xsi:type="xsd:string">AC</Initials>
    <Forename xsi:type="xsd:string" />
    <Surname xsi:type="xsd:string">Smith</Surname>
    <LabelName xsi:type="xsd:string" />
    <JobTitle_ID xsi:type="xsd:int">1</JobTitle_ID>
    <Department xsi:type="xsd:string" />
    <Company xsi:type="xsd:string" />
    <HouseName xsi:type="xsd:string">Old Kiln Yard</HouseName>
    <HouseNumber xsi:type="xsd:string" />
    <Street xsi:type="xsd:string">Shute End</Street>
    <Locality xsi:type="xsd:string" />
    <Town xsi:type="xsd:string">Wokingham</Town>
    <County xsi:type="xsd:string">Berkshire</County>
    <PostCode xsi:type="xsd:string">RG40 1BJ</PostCode>
    <Country_ID xsi:type="xsd:int">1</Country_ID>
    <Web_UserName xsi:type="xsd:string">Test2</Web_UserName>
    <Web_Password xsi:type="xsd:string">Test2</Web_Password>
    <AreaCode_ID xsi:type="xsd:int">2</AreaCode_ID>
    <Currency_ID xsi:type="xsd:int">1</Currency_ID>
    <InvoiceSubscription xsi:type="xsd:boolean">true</InvoiceSubscription>
    <InvoiceFrequency_ID xsi:type="xsd:int">1</InvoiceFrequency_ID>
    <AccountCode xsi:type="xsd:string">WEB</AccountCode>
    <ContactType_ID xsi:type="xsd:int">1</ContactType_ID>
    <Institution_ID xsi:type="xsd:int">12</Institution_ID>
    <Salutation xsi:type="xsd:string">Mr Smith</Salutation>
    <Rate1_VATRate_ID xsi:type="xsd:int">1</Rate1_VATRate_ID>
    <RatePostAndPack_VATRate_ID xsi:type="xsd:int">1
      </RatePostAndPack_VATRate_ID>
    <AddressChecked xsi:type="xsd:int">1</AddressChecked>
    <GiftAidDeclaration_ID xsi:type="xsd:int">1</GiftAidDeclaration_ID>
    <GiftAid_StartDate xsi:type="xsd:string">YYYY-MM-DD</GiftAid_StartDate>
    <GiftAid_EndDate xsi:type="xsd:string">YYYY-MM-DD</GiftAid_EndDate>
  </SOAP_createContact>
</Body>
```

Parameters in **Bold** are mandatory

AccountCode parameter use will depend on settings in Myriad. For Newhall Publications the known Prefixes will generate Account Codes as required.

ContactType\_ID will default to 5 if not supplied.

## Response

```
<Body>
  <SOAP_createContact_Response>
    <Success xsi:type="xsd:boolean">true</Success>
    <Contact_ID xsi:type="xsd:int">60689</Contact_ID>
  </SOAP_createContact_Response>
</Body>
```

## Soap Fault

- 1 No parameters
- 10 Missing Parameters
- 11 JobTitle\_ID not found
- 12 Country\_ID not found
- 13 AreaCode\_ID not found
- 14 Currency\_ID not found
- 28 InvoiceFrequency\_ID not found
- 38 Cannot generate Account Code for Newhall
- 56 ContactType\_ID not found
- 61 Institution\_ID not found
- 62 Company not supplied for Institution
- 82 Must supply a Contact Title
- 84 Contact Title not found
- 93 GiftAidDeclaration\_ID not found

## SOAP\_createContactCommunication

### Description

Creates Contact Communication record

### Request

```
<Body>
  <SOAP_createContactCommunication>
    <Contact_ID xsi:type="xsd:int">34</Contact_ID>
    <DespatchType_ID xsi:type="xsd:int">1</DespatchType_ID>
    <ContactCommunication xsi:type="xsd:string">
      0845 89990 341</ContactCommunication>
    <PrimaryUse xsi:type="xsd:boolean">true</PrimaryUse>
  </SOAP_createContactCommunication>
</Body>
```

### Response

```
<Body>
  <SOAP_createContactCommunication_Response>
    <Success xsi:type="xsd:boolean">true</Success>
    <ContactCommunication_ID xsi:type="xsd:int">true</ContactCommunication_ID>
  </SOAP_createContactCommunication_Response>
</Body>
```

### Soap Fault

- 1 No parameters
- 2 Contact\_ID not found
- 7 DespatchType\_ID not found
- 10 Missing Parameters
- 31 Communication already exists for this DespatchType/Communication/PrimaryUse combination.
- 32 Communication already exists for this DespatchType/Communication combination.
- 33 Primary communication already exists for this DespatchType

## SOAP\_createContactDemographic

### Description

Creates Contact Demographic record

### Request

```
<Body>
  <SOAP_createContactDemographic>
    <Contact_ID xsi:type="xsd:int">34</Contact_ID>
    <DemographicQuestion_ID xsi:type="xsd:int">
      3</DemographicQuestion_ID>
    <DemographicAnswer1 xsi:type="xsd:string">Telephone</DemographicAnswer1>
    <DemographicAnswer2 xsi:type="xsd:string">34</DemographicAnswer2>
    <DemographicQuestList_IDs xsi:type="xsd:string">
      12|23</DemographicQuestList_IDs>
    </SOAP_createContactDemographic>
  </Body>
```

### Response

```
<Body>
  <SOAP_ createContactDemographic_Response>
    <Success xsi:type="xsd:boolean">true</Success>
  </SOAP_ createContactDemographic_Response>
</Body>
```

### Soap Fault

- 1 No parameters
- 2 Contact\_ID not found
- 8 DemographicQuestion\_ID not found
- 9 DemographicQuestList\_ID not found

## SOAP\_creategetJobTitle

### Description

Returns JobTitle\_ID for a JobTitle

### Request

```
<Body>  
  <SOAP_creategetJobTitle>  
    <JobTitle xsi:type="xsd:string">CEO</JobTitle>  
  </SOAP_creategetJobTitle>  
</Body>
```

If JobTitle does not exist it is created and the allocated ID is returned.

### Response

```
<Body>  
  <SOAP_creategetJobTitle_Response>  
    <JobTitle_ID>1</JobTitle_ID>  
  </SOAP_creategetJobTitle_Response>  
</Body>
```



## SOAP\_updateCreateContactMarketingRule

### Description

Updates/Create a Contacts Marketing Rule

### Request

```
<Body>
  <SOAP_updateCreateContactMarketingRule>
    <Contact_ID xsi:type="xsd:int">34</Contact_ID>
    <MarketingRule_ID xsi:type="xsd:int">3</MarketingRule_ID>
    <MarketingQuestions>
      <MarketingQuestion>
        <MarketingQuestion_ID xsi:type="xsd:int">1</MarketingQuestion_ID>
        <Answer xsi:type="xsd:string">No</Answer>
      </MarketingQuestion>
      <MarketingQuestion>
        <MarketingQuestion_ID xsi:type="xsd:int">2</MarketingQuestion_ID>
        <Answer xsi:type="xsd:string">Yes</Answer>
      </MarketingQuestion>
    </MarketingQuestions>
  </SOAP_updateCreateContactMarketingRule>
</Body>
```

### Response

```
<Body>
  <SOAP_updateCreateContactMarketingRule_Response>
    <Success xsi:type="xsd:boolean">true</Success>
  </SOAP_updateCreateContactMarketingRule_Response>
</Body>
```

### Soap Fault

- 1 No parameters
- 2 Contact\_ID not found
- 77 MarketingRule\_ID not found
- 78 MarketingQuestion\_ID not found
- 79 No MarketingQuestion\_ID was supplied for a marketing question
- 80 No answer was supplied for a marketing question
- 81 Invalid MarketingQuestion\_ID for marketing rule
- 82 Invalid Answer for marketing question (Yes/No only)

## 3 – Retrieve order related table data

### SOAP\_getPromotions

#### Description

Returns a list of Promotions

#### Request

```
<Body>  
  <SOAP_getPromotions>  
  </SOAP_getPromotions>  
</Body>
```

#### Response

String Array –

Promotion\_ID;Promotion;Date;TicketsAvailable;TicketsBooked;Description;Notes;Active

```
<Body>  
  <Promotions enc:arrayType="xsd:string[0]">  
    <Promotion>3;Early;2007-01-01;23;0;Ren Early;Early Renew;Yes</Promotion>  
  </Promotions>  
</Body>
```

## SOAP\_getPromotionsEx

### Description

Returns a list of Promotions

### Request

```
<Body>
  <SOAP_getPromotionsEx>
    <Publisher_ID xsi:type="xsd:int">1</Publisher_ID>
    <NewOrders xsi:type="xsd:Boolean">true</NewOrders>
    <RenewalOrders xsi:type="xsd:Boolean">true</RenewalOrders>
    <LimitByDate xsi:type="xsd:Boolean">true</LimitByDate>
  </SOAP_getPromotionsEx>
</Body>
```

The NewOrders and RenewalOrders parameters will limit down promotions that should be used for new or renewal orders. The LimitByDate parameter will allow promotions to be return whose start and end dates fall around the date the call is made.

### Response

```
<Body>
  <Promotions>
    <Promotion>
      <Promotion_ID xsi:type="xsd:int">3</Promotion_ID>
      <Promotion xsi:type="xsd:string">Early</Promotion>
      <StartDate xsi:type="xsd:string">YYYY-MM-DD</StartDate>
      <EndDate xsi:type="xsd:string">YYYY-MM-DD</EndDate>
      <Description xsi:type="xsd:string">For early renewers</Description>
      <Notes xsi:type="xsd:string">Do the have an active sub running?</Notes>
      <Active xsi:type="xsd:boolean">true</Active>
      <NewOrder xsi:type="xsd:boolean">true</NewOrder>
      <RenewalOrder xsi:type="xsd:boolean">true</RenewalOrder>
    </Promotion>
  </Promotions>
</Body>
```

### Soap Fault

- 63 Publisher\_ID must be supplied as there are multiple Publishers
- 64 Publisher\_ID does not exist
- 75 NewOrders and RenewalOrders parameters are both False. This would cause no data to be returned.

## SOAP\_getPromotionRates

### Description

Returns a list of Rates related to the supplied Promotion

### Request

```
<Body>
  <SOAP_getPromotionRates>
    <Promotion_ID xsi:type="xsd:int">1</Promotion_ID>
  </SOAP_getPromotionRates>
</Body>
```

### Response

```
<Body>
  <Rates>
    <Rate>
      <Rate_ID xsi:type="xsd:int">3</Rate_ID>
    </Rate>
    <Rate>
      <Rate_ID xsi:type="xsd:int">5</Rate_ID>
    </Rate>
  </Rates>
</Body>
```

### Soap Fault

76      Promotion\_ID not found

## SOAP\_getPromotionSubsPromotions

### Description

Returns a list of Subs Promotions related to the supplied Promotion

### Request

```
<Body>
  <SOAP_getPromotionSubsPromotions>
    <Promotion_ID xsi:type="xsd:int">1</Promotion_ID>
  </SOAP_getPromotionSubsPromotions>
</Body>
```

### Response

```
<Body>
  <SubsPromotions>
    <SubsPromotion>
      <SubsPromotion_ID xsi:type="xsd:int">9</SubsPromotion_ID>
    </SubsPromotion>
    <SubsPromotion>
      <SubsPromotion_ID xsi:type="xsd:int">23</SubsPromotion_ID>
    </SubsPromotion>
  </SubsPromotions>
</Body>
```

### Soap Fault

76      Promotion\_ID not found

## SOAP\_getPaymentTypes

### Description

Returns a list of Payment Types

### Request

```
<Body>
  <SOAP_getPaymentTypes>
    <Publisher_ID xsi:type="xsd:int">1</Publisher_ID>
  </SOAP_getPaymentTypes>
</Body>
```

### Response

String Array – PaymentType\_ID;PaymentType;PaymentCategory

```
<Body>
  <PaymentTypes enc:arrayType="xsd:string[0]">
    <PaymentType>1;Cash / Cheque;Cash / Cheque</PaymentType>
    <PaymentType>2;Direct Debit;Direct Debit</PaymentType>
  </PaymentTypes>
</Body>
```

### Soap Fault

- 63 Publisher\_ID must be supplied as there are multiple Publishers
- 64 Publisher\_ID does not exist

## SOAP\_getProductTypes

### Description

Returns a list of Product Types

### Request

```
<Body>  
  <SOAP_getProductTypes>  
    <Keywords xsi:type="xsd:string">ABC</Keywords>  
  </SOAP_getProductTypes>  
</Body>
```

Keywords is a wildcard search based on Title Keywords, Product Types are returned where a title matches the keywords.

### Response

String Array – ProductType\_ID;ProductType;ProductCategory

```
<Body>  
  <ProductTypes enc:arrayType="xsd:string[0]">  
    <ProductType>5;Magazine;Magazine</ProductType>  
    <ProductType>6;Book from Stock;Book - From Stock</ProductType>  
  </ProductTypes>  
</Body>
```

## SOAP\_getTitles

### Description

Returns a list of Titles

### Request

```
<Body>
  <SOAP_getTitles>
    <Publisher_ID xsi:type="xsd:int">1</Publisher_ID>
    <Keywords xsi:type="xsd:string">ABC</Keywords>
  </SOAP_getTitles>
</Body>
```

Keywords is a wildcard search

### Response

String Array – Title\_ID;Title;ProductType\_ID;Current\_Issue\_ID;Active

```
<Body>
  <Titles enc:arrayType="xsd:string[0]">
    <Title>2;Title1;5;107;Yes</Title>
    <Title>6;Title 2;9;497;No</Title>
  </Titles>
</Body>
```

### Soap Fault

- 63 Publisher\_ID must be supplied as there are multiple Publishers
- 64 Publisher\_ID does not exist



## SOAP\_getTitlesForProductType

### Description

Returns a list of Titles for a Product

### Request

```
<Body>
  <SOAP_getTitlesForProductType>
    <ProductType_ID xsi:type="xsd:int">2</ProductType_ID>
    <Publisher_ID xsi:type="xsd:int">1</Publisher_ID>
    <Keywords xsi:type="xsd:string">ABC</Keywords>
  </SOAP_getTitlesForProductType>
</Body>
```

Keywords is a wildcard search

### Response

String Array – Title\_ID;Title;ProductType\_ID;Current\_Issue\_ID;Active

```
<Body>
  <Titles enc:arrayType="xsd:string[0]">
    <Title>2;Title1;5;107;Yes</Title>
    <Title>6;Title 2;9;497;No</Title>
  </Titles>
</Body>
```

### Soap Fault

- 63 Publisher\_ID must be supplied as there are multiple Publishers
- 64 Publisher\_ID does not exist
- 65 ProductType\_ID does not exist

## SOAP\_getIssues

### Description

Returns a list of Issues

### Request

```
<Body>
  <SOAP_getIssues>
    <Publisher_ID xsi:type="xsd:int">1</Publisher_ID>
  </SOAP_getIssues>
</Body>
```

### Response

String Array – Issue\_ID;Title\_ID;Issue;IssueNumber;PublicationDate

```
<Body>
  <Issues enc:arrayType="xsd:string[0]">
    <Issue>103;2;2007 - Issue 01;82;2007-01-01</Issue>
    <Issue>104;2;2007 - Issue 02;83;2007-03-01</Issue>
    <Issue>105;2;2007 - Issue 03;84;2007-05-01</Issue>
    <Issue>466;6;2007 - Issue 01;117;2007-01-01</Issue>
    <Issue>467;6;2007 - Issue 02;118;2007-03-01</Issue>
    <Issue>468;6;2007 - Issue 03;119;2007-05-01</Issue>
  </Issues>
</Body>
```

### Soap Fault

- 63 Publisher\_ID must be supplied as there are multiple Publishers
- 64 Publisher\_ID does not exist

## SOAP\_getIssuesAndStock

### Description

Returns a list of Issues with stock figures

### Request

```
<Body>
  <SOAP_getIssuesAndStock>
    <Publisher_ID xsi:type="xsd:int">1</Publisher_ID>
    <Issue_ID xsi:type="xsd:int">1</Issue_ID>
  </SOAP_getIssuesAndStock>
</Body>
```

### Response

String Array – Issue\_ID;Title\_ID;Issue;IssueNumber;PublicationDate;Stock;Weight

```
<Body>
  <Issues enc:arrayType="xsd:string[0]">
    <Issue>103;2;2007 - Issue 01;82;2007-01-01;3;45</Issue>
    <Issue>104;2;2007 - Issue 02;83;2007-03-01;0;0</Issue>
    <Issue>105;2;2007 - Issue 03;84;2007-05-01;34;25</Issue>
    <Issue>466;6;2007 - Issue 01;117;2007-01-01;1400;32</Issue>
  </Issues>
</Body>
```

### Soap Fault

- 63 Publisher\_ID must be supplied as there are multiple Publishers
- 64 Publisher\_ID does not exist
- 66 Issue\_ID does not exists

## SOAP\_getIssuesForTitle

### Description

Returns a list of Issues

### Request

```
<Body>
  <SOAP_getIssues>
    <Title_ID xsi:type="xsd:int">2</Title_ID>
  </SOAP_getIssues>
</Body>
```

### Response

String Array – Issue\_ID;Title\_ID;Issue;IssueNumber;PublicationDate

```
<Body>
  <Issues enc:arrayType="xsd:string[0]">
    <Issue>103;2;2007 - Issue 01;82;2007-01-01</Issue>
    <Issue>104;2;2007 - Issue 02;83;2007-03-01</Issue>
    <Issue>105;2;2007 - Issue 03;84;2007-05-01</Issue>
    <Issue>466;6;2007 - Issue 01;117;2007-01-01</Issue>
    <Issue>467;6;2007 - Issue 02;118;2007-03-01</Issue>
    <Issue>468;6;2007 - Issue 03;119;2007-05-01</Issue>
  </Issues>
</Body>
```

### Soap Fault

20     Title\_ID not found

## SOAP\_getIssueAndStock

### Description

Returns an Issue

### Request

```
<Body>
  <SOAP_getIssueAndStock>
    <Issue_ID xsi:type="xsd:int">2</Issue_ID>
  </SOAP_getIssueAndStock>
</Body>
```

### Response

```
<Body>
  <Issue>
    <Issue_ID xsi:type="xsd:int">2000</Issue_ID>
    <Title_ID xsi:type="xsd:int">2</Title_ID>
    <Issue xsi:type="xsd:string">Main</Issue>
    <IssueNumber xsi:type="xsd:int">23</IssueNumber>
    <PublicationDate xsi:type="xsd:string">2009-01-01</PublicationDate>
    <Stock xsi:type="xsd:int">23</Stock>
    <Weight xsi:type="xsd:int">23</Weight>
    <ProductURL xsi:type="xsd:string">http://</ProductURL>
  </Issue>
</Body>
```

### Soap Fault

66      Issue\_ID not found

## SOAP\_getIssuesForTitleSubsPromotion

### Description

Returns Issues for Title/Subs Promotion

### Request

```
<Body>
  <SOAP_getIssuesForTitleSubsPromotion>
    <Title_ID xsi:type="xsd:int">2</Title_ID>
    <SubsPromotion_ID xsi:type="xsd:int">2</SubsPromotion_ID>
    <NumberOfBackIssues xsi:type="xsd:int">2</NumberOfBackIssues>
    <NumberOfFutureIssues xsi:type="xsd:int">2</NumberOfFutureIssues>
    <ReturnInStockOnly xsi:type="xsd:boolean">true</ReturnInStockOnly>
  </SOAP_getIssuesForTitleSubsPromotion>
</Body>
```

### Response

```
<Body>
  <IssueDetail>
    <Title_ID xsi:type="xsd:int">2</Title_ID>
    <Title xsi:type="xsd:string">Main</Title>
    <Issue_ID xsi:type="xsd:int">2000</Issue_ID>
    <Issue xsi:type="xsd:string">Main</Issue>
    <IssueNumber xsi:type="xsd:int">23</IssueNumber>
    <PublicationDate xsi:type="xsd:string">2009-08-20</PublicationDate>
    <ExpectedLabelRunDate xsi:type="xsd:string">
      2009-08-15</ExpectedLabelRunDate>
    <IsCurrent xsi:type="xsd:boolean">false</IsCurrent>
  </IssueDetail>
</Body>
```

### Soap Fault

20 Title\_ID not found

## SOAP\_getSubscriptionRates

### Description

Returns a list of Subscription Rates

### Request

```
<Body>
  <SOAP_getSubscriptionRates>
    <Publisher_ID xsi:type="xsd:int">1</Publisher_ID>
    <Title_ID xsi:type="xsd:int">1</Title_ID>
    <LimitToSubsPromotionOnlyRates xsi:type="xsd:boolean">
      false</LimitToSubsPromotionOnlyRates>
  </SOAP_getSubscriptionRates>
</Body>
```

### Response

String Array –

Rate\_ID;Title\_ID;Currency\_ID;Renewal\_Rate\_ID;NumberOfIssues;Rate;SteppedRate;RateIsPerIssue;RateIsActive;RateZeroRated;RateVatable1;RateVatable2;RangeFrom;RangeTo;Vatable1IncludesVAT;SubsPromotionOnlyRate

```
<Body>
  <SubscriptionRates enc:arrayType="xsd:string[0]">
    <SubscriptionRate>7;1;1;0;12;Basic annual UK rate;No;Yes;Yes;
      75.00;0.00;0.00;1;999999;No;No</SubscriptionRate>
    <SubscriptionRate>9;1;1;0;12;Basic annual Overseas rate;No;Yes;Yes;
      175.00;0.00;0.00;1;999999;No;No</SubscriptionRate>
    <SubscriptionRate>33;10;1;0;52;2 Years Sub Airmail;No;Yes;Yes;
      200.00;0.00;0.00;1;999999;No;No</SubscriptionRate>
  </SubscriptionRates>
</Body>
```

### Soap Fault

- 63 Publisher\_ID must be supplied as there are multiple Publishers
- 64 Publisher\_ID does not exist
- 20 Title\_ID does not exist

## SOAP\_getSubscriptionRatesEx

### Description

Returns a list of Subscription Rates

### Request

```
<Body>
  <SOAP_getSubscriptionRatesEx>
    <Publisher_ID xsi:type="xsd:int">1</Publisher_ID>
    <Title_ID xsi:type="xsd:int">1</Title_ID>
    <LimitToSubsPromotionOnlyRates xsi:type="xsd:boolean">
      false</LimitToSubsPromotionOnlyRates>
    </SOAP_getSubscriptionRatesEx>
  </Body>
```

### Response

```
<Body>
  <SubscriptionRates>
    <SubscriptionRate>
      <Rate_ID xsi:type="xsd:int">20</Rate_ID>
      <Title_ID xsi:type="xsd:int">20</Title_ID>
      <Currency_ID xsi:type="xsd:int">2000</Currency_ID>
      <Renewal_Rate_ID xsi:type="xsd:int">34</Renewal_Rate_ID>
      <NumberOfIssues xsi:type="xsd:int">4</NumberOfIssues>
      <Rate xsi:type="xsd:string">UK 1 Year</Rate>
      <Description xsi:type="xsd:string">UK 1 Year 4 Issue</Description>
      <SteppedRate xsi:type="xsd:boolean">true</SteppedRate>
      <RateIsPerIssue xsi:type="xsd:boolean">true</RateIsPerIssue>
      <RateIsActive xsi:type="xsd:boolean">true</RateIsActive>
      <RateZeroRated xsi:type="xsd:decimal">2.00</RateZeroRated>
      <RateVatable1 xsi:type="xsd:decimal">0.00</RateVatable1>
      <RateVatable2 xsi:type="xsd:decimal">0.00</RateVatable2>
      <RangeFrom xsi:type="xsd:int">1</RateRangeFrom>
      <RangeTo xsi:type="xsd:int"></RateRangeTo>
      <Vatable1IncludesVAT xsi:type="xsd:boolean">true</RVatable1IncludesVAT>
      <DirectDebitRate xsi:type="xsd:boolean">true</DirectDebitRate>
      <BackIssueRate xsi:type="xsd:boolean">false</BackIssueRate>
      <CollectionFrequency_ID xsi:type="xsd:int">1</CollectionFrequency_ID>
      <Availability xsi:type="xsd:string">Both</Availability>
      <SubsPromotionOnlyRate xsi:type="xsd:boolean">false
        </SubsPromotionOnlyRate>
```



```
<WebDescription xsi:type="xsd:string"></WebDescription>
<CountryGroupings>
  <CountryGrouping_ID xsi:type="xsd:int">1</CountryGrouping_ID>
</CountryGroupings>
</SubscriptionRate>
</SubscriptionRates>
</Body>
```

### Soap Fault

- 63 Publisher\_ID must be supplied as there are multiple Publishers
- 64 Publisher\_ID does not exist
- 20 Title\_ID does not exist

## SOAP\_getSubPromotions

### Description

Returns a list of Subscription Promotions

### Request

```
<Body>
  <SOAP_getSubsPromotions>
    <Publisher_ID xsi:type="xsd:int">1</Publisher_ID>
    <Keywords xsi:type="xsd:string">XYZ</Keywords>
    <Active xsi:type="xsd:Boolean">true</Active>
  </SOAP_getSubsPromotions>
</Body>
```

Keywords is a wildcard search based on Title Keywords. If Active is not supplied then all records will be returned, if True it will return Active records only if False it will return Non Active records only.

### Response

```
<Body>
  <SubsPromotions>
    <SubsPromotion>
      <SubsPromotion_ID xsi:type="xsd:int">2000</SubsPromotion_ID>
      <Currency_ID xsi:type="xsd:int">2000</Currency_ID>
      <Code xsi:type="xsd:string">Main</Code>
      <Active xsi:type="xsd:boolean">true</Active>
      <NewOrder xsi:type="xsd:boolean">true</NewOrder>
      <RenewalOrder xsi:type="xsd:boolean">true</RenewalOrder>
      <CountryGrouping_ID xsi:type="xsd:int">2</CountryGrouping_ID>
      <Notes xsi:type="xsd:string">This is a note</Notes>
      <WebDescription xsi:type="xsd:string">This is a web description
      </WebDescription>
    <SubsPromotionDetails>
      <SubsPromotionDetail>
        <ProductType_ID xsi:type="xsd:int">2000</ProductType_ID>
        <Title_ID xsi:type="xsd:int">2000</Title_ID>
        <Rate_ID xsi:type="xsd:int">2000</Rate_ID>
        <PrimarySubscription xsi:type="xsd:boolean">true</PrimarySubscription>
        <BaseValueZeroRated xsi:type="xsd:decimal">12.00</BaseValueZeroRated>
        <BaseValueVatable xsi:type="xsd:decimal">12.00</BaseValueVatable>
        <DonorIncentive xsi:type="xsd:boolean">true</DonorIncentive>
        <DoNotRenew xsi:type="xsd:boolean">true</DoNotRenew>
        <FreeIssues xsi:type="xsd:int">0</FreeIssues>
```

```
<MarkFreeIssueAsLive xsi:type="xsd:boolean">true</MarkFreeIssueAsLive>
<TransferToRenewal xsi:type="xsd:boolean">true</TransferToRenewal>
<DirectDebitsIgnoreFreeIssues xsi:type="xsd:boolean">
    true</ DirectDebitsIgnoreFreeIssues>
</SubsPromotionDetail>
</SubsPromotionDetails>
</SubsPromotion>
</SubsPromotions>
</Body>
```

### Soap Fault

- 63 Publisher\_ID must be supplied as there are multiple Publishers
- 64 Publisher\_ID does not exist

## SOAP\_getBookRates

### Description

Returns a list of Books Rates

### Request

```
<Body>
  <SOAP_getBookRates>
    <Publisher_ID xsi:type="xsd:int">1</Publisher_ID>
    <Title_ID xsi:type="xsd:int">1</Title_ID>
    <LimitToSubsPromotionOnlyRates xsi:type="xsd:boolean">>false
      </LimitToSubsPromotionOnlyRates>
    </SOAP_getBookRates>
  </Body>
```

### Response

String Array –

Rate\_ID;Title\_ID;Currency\_ID;Renewal\_Rate\_ID;NumberOfIssues;Rate;SteppedRate;RateIs  
PerIssue;RateIsActive;RateZeroRated;RateVatable1;RateVatable2;RangeFrom;RangeTo;Vata  
ble1IncludesVAT;RateIsSubsPromotionOnlyRate

```
<Body>
  <BookRates enc:arrayType="xsd:string[0]">
    <BookRate>75;2;1;0;1;Single Copy;No;Yes;Yes;
      29.99;0.00;0.00;1;999999;No;No</BookRate>
    <BookRate>65;18;1;0;1;UK rate;No;Yes;Yes;
      32.00;0.00;0.00;1;999999;No;No</BookRate>
  </BookRates>
</Body>
```

### Soap Fault

- 63 Publisher\_ID must be supplied as there are multiple Publishers
- 64 Publisher\_ID does not exist
- 20 Title\_ID does not exist

## SOAP\_getBookRatesEx

### Description

Returns a list of Book Rates

### Request

```
<Body>
  <SOAP_getBookRatesEx>
    <Publisher_ID xsi:type="xsd:int">1</Publisher_ID>
    <Title_ID xsi:type="xsd:int">2</Title_ID>
    <LimitToSubsPromotionOnlyRates xsi:type="xsd:boolean">>false
      </LimitToSubsPromotionOnlyRates>
    </SOAP_getBookRatesEx>
  </Body>
```

### Response

```
<Body>
  <BookRates>
    <BookRate>
      <Rate_ID xsi:type="xsd:int">20</Rate_ID>
      <Title_ID xsi:type="xsd:int">2</Title_ID>
      <Currency_ID xsi:type="xsd:int">2000</Currency_ID>
      <Rate xsi:type="xsd:string">Euro zone rate</Rate>
      <Description xsi:type="xsd:string">Rate within the Euro zone</Description>
      <SteppedRate xsi:type="xsd:boolean">true</SteppedRate>
      <RateIsPerIssue xsi:type="xsd:boolean">true</RateIsPerIssue>
      <RateIsActive xsi:type="xsd:boolean">true</RateIsActive>
      <RateZeroRated xsi:type="xsd:decimal">2.00</RateZeroRated>
      <RateVatable1 xsi:type="xsd:decimal">0.00</RateVatable1>
      <RateVatable2 xsi:type="xsd:decimal">0.00</RateVatable2>
      <RangeFrom xsi:type="xsd:int">1</RateRangeFrom>
      <RangeTo xsi:type="xsd:int"></RateRangeTo>
      <Vatable1IncludesVAT xsi:type="xsd:boolean">true</RVatable1IncludesVAT>
      <Availability xsi:type="xsd:string">Both</Availability>
      <CountryGroupings>
        <CountryGrouping_ID xsi:type="xsd:int">1</CountryGrouping_ID>
      </CountryGroupings>
    </BookRate>
  </BookRates>
</Body>
```

## Soap Fault

- 63 Publisher\_ID must be supplied as there are multiple Publishers
- 64 Publisher\_ID does not exist
- 20 Title\_ID does not exist

## SOAP\_getPostAndPackRates

### Description

Returns a list of Post And Pack Rates

### Request

```
<Body>  
  <SOAP_getPostAndPackRates>  
  </SOAP_getPostAndPackRates>  
</Body>
```

### Response

String Array – PostAndPack\_ID;PostAndPack;Currency\_ID;Value

```
<Body>  
  <PostAndPackRates enc:arrayType="xsd:string[0]">  
    <PostAndPackRate>1;Standard UK - single item;1;3.00</PostAndPackRate>  
  </PostAndPackRates>  
</Body>
```

## SOAP\_getDespatchModes

### Description

Returns a list of Despatch Modes

### Request

```
<Body>  
  <SOAP_getDespatchModes>  
  </SOAP_getDespatchModes>  
</Body>
```

### Response

String Array – DespatchMode\_ID;DespatchMode; DespatchType\_ID;DespatchType

```
<Body>  
  <DespatchModes enc:arrayType="xsd:string[0]">  
    <DespatchMode>3;Presstream;6;Presstream / Mailsort</DespatchMode>  
    <DespatchMode>1;UK First Class;7;Royal Mail</DespatchMode>  
  </DespatchModes>  
</Body>
```



## SOAP\_getABCCodes

### Description

Returns a list of ABC Codes

### Request

```
<Body>  
  <SOAP_getABCCodes>  
  </SOAP_getABCCodes>  
</Body>
```

### Response

String Array – ABC\_ID;ABCCode;ABCCategory;ABCType

```
<Body>  
  <ABCCodess enc:arrayType="xsd:string[0]">  
    <ABCCode>1;11;Full Rate Subs - Single;  
                                     Subscriber - Single Copy Sales</ABCCode>  
    <ABCCode>14;63;Company req. - Writing;  
                                     Circulation - Controlled Requested</ABCCode>  
  </ABCCodess>  
</Body>
```

## SOAP\_getCollectionFrequencies

### Description

Returns a list of Direct Debit Collection Frequencies

### Request

```
<Body>  
  <SOAP_getCollectionFrequencies>  
  </SOAP_getCollectionFrequencies>  
</Body>
```

### Response

String Array – CollectionFrequency\_ID;CollectionFrequency

```
<Body>  
  <CollectionFrequencies enc:arrayType="xsd:string[0]">  
    <CollectionFrequency>1;Monthly</CollectionFrequency>  
    <CollectionFrequency>2;Quarterly</CollectionFrequency>  
    <CollectionFrequency>3;Annually</CollectionFrequency>  
  </CollectionFrequencies>  
</Body>
```

## SOAP\_getOrderStatusTypes

### Description

Returns a list of Order Status Types

### Request

```
<Body>  
  <SOAP_getOrderStatusTypes>  
  </SOAP_getOrderStatusTypes>  
</Body>
```

### Response

String Array – OrderStatusType\_ID;OrderStatusType

```
<Body>  
  <OrderStatusTypes enc:arrayType="xsd:string[0]">  
    <OrderStatusType>3;Firm</OrderStatusType>  
    <OrderStatusType>7;Invoiced</OrderStatusType>  
    <OrderStatusType>10;Paid</OrderStatusType>  
  </OrderStatusTypes>  
</Body>
```

## SOAP\_getRenewalCampaigns

### Description

Returns a list of Renewal Campaigns

### Request

```
<Body>
  <SOAP_getRenewalCampaigns>
    <Publisher_ID xsi:type="xsd:int">1</Publisher_ID>
  </SOAP_getRenewalCampaigns>
</Body>
```

### Response

```
<Body>
  <RenewalCampaigns>
    <RenewalCampaign>
      <RenewalCampaign_ID>3</RenewalCampaign_ID>
      <RenewalCampaign>Circ Re-reg</RenewalCampaign>
    </RenewalCampaign>
  </RenewalCampaigns>
</Body>
```

### Soap Fault

- 63 Publisher\_ID must be supplied as there are multiple Publishers
- 64 Publisher\_ID does not exist

## SOAP\_getCirculationRenewalCampaigns

### Description

Returns a list of Circulation Renewal Campaigns

### Request

```
<Body>
  <SOAP_getCirculationRenewalCampaigns>
    <Publisher_ID xsi:type="xsd:int">1</Publisher_ID>
  </SOAP_getCirculationRenewalCampaigns>
</Body>
```

### Response

```
<Body>
  <RenewalCampaigns>
    <RenewalCampaign>
      <RenewalCampaign_ID>3</RenewalCampaign_ID>
      <RenewalCampaignType>Circ Re-reg</RenewalCampaignType>
    </RenewalCampaign>
  </RenewalCampaigns>
</Body>
```

### Soap Fault

- 63 Publisher\_ID must be supplied as there are multiple Publishers
- 64 Publisher\_ID does not exist

## SOAP\_getPublishers

### Description

Returns a list of Publishers

### Request

```
<Body>  
  <SOAP_getPublishers>  
  </SOAP_getPublishers>  
</Body>
```

### Response

```
<Body>  
  <Publishers>  
    <Publisher>GGPL</Publisher>  
    <Publisher_ID>1</Publisher_ID>  
  </Publishers>  
</Body>
```

## SOAP\_getOrderTypes

### Description

Returns a list of order types

### Request

```
<Body>  
  <SOAP_getOrderTypes>  
  </SOAP_getOrderTypes>  
</Body>
```

### Response

```
<env:Body>  
  <OrderTypes>  
    <OrderType>  
      <OrderCategory xsi:type="xsd:string">New Order</OrderCategory>  
      <OrderType_ID xsi:type="xsd:int">1</OrderType_ID>  
      <OrderType xsi:type="xsd:string">New Order via Web</OrderType>  
    </OrderType>  
  </OrderTypes>  
</Body>
```

## SOAP\_getVATRates

### Description

Returns a list of order types

### Request

```
<Body>  
  <SOAP_getVATRates>  
  </SOAP_getVATRates>  
</Body>
```

### Response

```
<env:Body>  
  <VATRates>  
    <VATRate>  
      <VATRate_ID xsi:type="xsd:int">1</VATRate_ID>  
      <VATRate xsi:type="xsd:decimal">17.5</VATRate>  
      <Description xsi:type="xsd:string">UK Standard</Description>  
    </VATRate>  
  </VATRate>  
</Body>
```



## SOAP\_getOrderPackageTypes

### Description

Returns a list of order package types

### Request

```
<Body>  
  <SOAP_getOrderPackageTypes>  
  </SOAP_getOrderPackageTypes>  
</Body>
```

### Response

```
<env:Body>  
  <OrderPackageTypes>  
    <OrderPackageType>  
      <OrderPackageCategory xsi:type="xsd:string">New Order  
                                                                </OrderPackageCategory>  
      <OrderPackageType_ID xsi:type="xsd:int">1</OrderPackageType_ID>  
      <OrderPackageType xsi:type="xsd:string">New Order via Web  
                                                                </OrderPackageType>  
    </OrderPackageType>  
  </OrderPackageTypes>  
</Body>
```

## 4 – Order functions

### SOAP\_getSubscriptionOrderDetails

#### Description

Gets Subscription Orders for Contact

#### Request

```
<Body>
  <SOAP_getSubscriptionOrderDetails>
    <Contact_ID xsi:type="xsd:int">2000</Contact_ID>
    <Publisher_ID xsi:type="xsd:int">1</Publisher_ID>
  </SOAP_getSubscriptionOrderDetails>
</Body>
```

#### Response

String Array –

Order\_ID;OrderDate;OrderStatusType\_IDCurrency\_ID;PaymentType\_ID;Title\_ID;Start\_Issue\_ID/TimeBasedStartDate;Issues/TimeBasedEndDate;Copies;DespatchMode\_ID;Rate\_ID;ABC\_ID;CurrentSubscription

```
<Body>
  <SubscriptionOrderDetails enc:arrayType="xsd:string[0]">
    <SubscriptionOrderDetail>329;2005-03-01;1;3;1;77;12;1;3;7;
    Yes</SubscriptionOrderDetail>
  </SubscriptionOrderDetails>
</Body>
```

#### Soap Fault

- 1 No parameters
- 2 Contact\_ID not found
- 63 Publisher\_ID must be supplied as there are multiple Publishers
- 64 Publisher\_ID does not exist

## SOAP\_getCirculationOrderDetails

### Description

Gets Circulation Orders for Contact

### Request

```
<Body>
  <SOAP_getCirculationOrderDetails>
    <Contact_ID xsi:type="xsd:int">2000</Contact_ID>
    <Publisher_ID xsi:type="xsd:int">1</Publisher_ID>
  </SOAP_getCirculationOrderDetails>
</Body>
```

### Response

String Array – Order\_ID; OrderDate;OrderStatusType\_ID  
Title\_ID;Start\_Issue\_ID;End\_Issue\_ID;Copies;DespatchMode\_ID;ABC\_ID;CurrentCirculation

```
<Body>
  <CirculationOrderDetails enc:arrayType="xsd:string[0]">
    <CirculationOrderDetail>60390;2007-04-19;6;1;105;106;1;27;57;
    No</SubscriptionOrderDetail>
  </CirculationOrderDetails>
</Body>
```

### Soap Fault

- 1 No parameters
- 2 Contact\_ID not found
- 63 Publisher\_ID must be supplied as there are multiple Publishers

## SOAP\_getCirculationOrderDetailsEx

### Description

Gets Circulation Orders for Contact

### Request

```
<Body>
  <SOAP_getCirculationOrderDetailsEx>
    <Contact_ID xsi:type="xsd:int">2000</Contact_ID>
    <Publisher_ID xsi:type="xsd:int">1</Publisher_ID>
  </SOAP_getCirculationOrderDetailsEx>
</Body>
```

### Response

```
<Body>
  <Orders>
    <Order>
      <Order_ID xsi:type="xsd:int">2000</Order_ID>
      <OrderNumber xsi:type="xsd:int">2000</OrderNumber>
      <OrderDate xsi:type="xsd:string">YYYY-MM-DD</OrderDate>
      <ApplicationDate xsi:type="xsd:string">YYYY-MM-DD</ApplicationDate>
      <SourceDate xsi:type="xsd:string">YYYY-MM-DD</SourceDate>
      <OrderStatusType_ID xsi:type="xsd:int">3</OrderStatusType_ID>
      <Title_ID xsi:type="xsd:int">2</Title_ID>
      <Start_Issue_ID xsi:type="xsd:int">23</Start_Issue_ID>
      <End_Issue_ID xsi:type="xsd:int">26</End_Issue_ID>
      <Copies xsi:type="xsd:int">2</Copies>
      <DespatchMode_ID xsi:type="xsd:int">2</DespatchMode_ID>
      <ABC_ID xsi:type="xsd:int">2</ABC_ID>
      <CurrentCirculation xsi:type="xsd:boolean">true</CurrentCirculation>
    </Order>
  </Orders>
</Body>
```

### Soap Fault

- 1 No parameters
- 2 Contact\_ID not found
- 63 Publisher\_ID must be supplied as there are multiple Publishers

## SOAP\_getBookOrderDetails

### Description

Gets Books Orders for Contact

### Request

```
<Body>
  <SOAP_getBookOrderDetails>
    <Contact_ID xsi:type="xsd:int">2000</Contact_ID>
    <Publisher_ID xsi:type="xsd:int">1</Publisher_ID>
  </SOAP_getBookOrderDetails>
</Body>
```

### Response

String Array –

Order\_ID;OrderDate;OrderStatusType\_ID;Currency\_ID;Title\_ID;Issue\_ID;Copies;DespatchMode\_ID;Rate\_ID

```
<Body>
  <BookOrderDetails enc:arrayType="xsd:string[0]">
    <BookOrderDetail>110;2004-04-08;12;1;6;18;1;1;8</BookOrderDetail>
  </BookOrderDetails>
</Body>
```

### Soap Fault

- 1 No parameters
- 2 Contact\_ID not found
- 63 Publisher\_ID must be supplied as there are multiple Publishers

## SOAP\_getOrders

### Description

Gets Orders for Contact as follows

Get any orders (books/circulations/subscriptions) that contain the current issue (LIVE)

Get any Cancelled/Credited orders that are not linked to LIVE orders above (CANCEL)

Get any Lapsed orders (LAPSED)

If a LIVE subscription order has been renewed then the NextPayment details will be populated in the Order Element and the Start/End/Issues details will reflect the total number of Paid Issues.

A Order Element will be returned for each Subscription chain for the supplied contact.

The Include parameters will default to true. So if none are supplied then all items will be returned.

If ReturnInvoiceAgentOrders is not supplied it will default to false. If set to true then orders will be returned when the Agent or Invoice Contact is the Contac\_ID supplied.

### Request

```
<Body>
  <SOAP_getOrders>
    <Contact_ID xsi:type="xsd:int">2000</Contact_ID>
    <Publisher_ID xsi:type="xsd:int">1</Publisher_ID>
    <Title_ID xsi:type="xsd:int">8</Publisher_ID>
    <IncludeBooks xsi:type="xsd:boolean">true</IncludeBooks>
    <IncludeCircs xsi:type="xsd:boolean">true</IncludeCircs>
    <IncludeSubs xsi:type="xsd:boolean">true</IncludeSubs>
    <ReturnInvoiceAgentOrders xsi:type="xsd:Boolean">
      false</ReturnInvoiceAgentOrders>
    <OrderNumber xsi:type="xsd:int">1</OrderNumber>
    <Order_ID xsi:type="xsd:int">1</Order_ID>
  </SOAP_getOrders>
</Body>
```

## Response

```
<Body>
  <Orders>
    <Order>
      <Order_ID xsi:type="xsd:int">110</Order_ID>
      <OrderNumber xsi:type="xsd:int">130</OrderNumber>
      <GroupSubscription xsi:type="xsd:boolean">false</GroupSubscription>
      <SubsPromotion_ID xsi:type="xsd:int">3</SubsPromotion_ID>
      <DespatchContact_ID xsi:type="xsd:int">34</DespatchContact_ID>
      <InvoiceContact_ID xsi:type="xsd:int">34</InvoiceContact_ID>
      <AgentContact_ID xsi:type="xsd:int">34</AgentContact_ID>
      <Currency_ID xsi:type="xsd:int">1</Currency_ID>
      <CreationDate xsi:type="xsd:string">2010-02-20</CreationDate>
      <LastModifiedDate xsi:type="xsd:string">2010-02-22</LastModifiedDate>
      <LastPaymentCurrency_ID xsi:type="xsd:int">1</LastPaymentCurrency_ID>
      <LastPaymentAmount xsi:type="xsd:decimal">1.50</LastPaymentAmount>
      <LastPaymentType_ID xsi:type="xsd:decimal">1</LastPaymentType_ID>
      <LastPaymentDate xsi:type="xsd:string">2010-02-20</LastPaymentDate>
      <LastPaymentStatus xsi:type="xsd:string">Collected</LastPaymentStatus>
      <NextPaymentCurrency_ID xsi:type="xsd:int"></NextPaymentCurrency_ID>
      <NextPaymentAmount xsi:type="xsd:decimal"></NextPaymentAmount>
      <NextPaymentType_ID xsi:type="xsd:decimal"></NextPaymentType_ID>
      <NextPaymentDate xsi:type="xsd:string"></NextPaymentDate>
      <NextPaymentStatus xsi:type="xsd:string"></NextPaymentStatus>
      <GroupSub_Copies xsi:type="xsd:int">2</GroupSub_Copies>
    <Packages>
      <Package>
        <MyriadPackage_ID xsi:type="xsd:int">1310</MyriadPackage_ID>
        <OrderPackageType_ID xsi:type="xsd:int">1</OrderPackageType_ID>
        <GroupSub_Recipient_Contact_ID xsi:type="xsd:int">
          1310</GroupSub_Recipient_Contact_ID>
        <GroupSub_Primary_Contact xsi:type="xsd:boolean">
          true</GroupSub_Primary_Contact>
        <Status xsi:type="xsd:string">Cancelled</Status>
        <Title_ID xsi:type="xsd:int">1</Title_ID>
        <StartIssue_ID xsi:type="xsd:int">1</StartIssue_ID>
        <Issues xsi:type="xsd:int">1</Issues>
        <EndIssue_ID xsi:type="xsd:int">1</EndIssue_ID>
        <StartDate xsi:type="xsd:string">2010-01-25</StartDate>
        <EndDate xsi:type="xsd:string">2011-01-24</EndDate>
        <DespatchMode_ID xsi:type="xsd:int">10</DespatchMode_ID>
        <PaidIssuesRemaining xsi:type="xsd:int">3</PaidIssuesRemaining>
        <FreeIssuesRemaining xsi:type="xsd:int">0</FreeIssuesRemaining>
      </Package>
    </Packages>
  </Orders>
</Body>
```

```

<LastDespatchIssue_ID xsi:type="xsd:int">10</LastDespatchIssue_ID>
<NextDespatchIssue_ID xsi:type="xsd:int">11</NextDespatchIssue_ID>
<Rate_ID xsi:type="xsd:int">11</Rate_ID>
<RenewalRate_ID xsi:type="xsd:int">15</RenewalRate_ID>
<OrderStatusType_ID xsi:type="xsd:int">10</OrderStatusType_ID>
<OrderStatusChangeDate xsi:type="xsd:string">
    2010-02-20</OrderStatusChangeDate>
<NettValue xsi:type="xsd:decimal">10.45</NettValue>
<PostAndPackValue xsi:type="xsd:decimal">0.00</PostAndPackValue>
<VATValue xsi:type="xsd:decimal">0.00</VATValue>
<RenewalValueExclPostAndPack xsi:type="xsd:decimal">
    10.45</RenewalValueExclPostAndPack>
<RenewalPostAndPackValue xsi:type="xsd:decimal">
    0.00</RenewalPostAndPackValue>
<GroupSub_Recipient_AccountCode xsi:type="xsd:string">
    01310</GroupSub_Recipient_AccountCode>
<Copies xsi:type="xsd:int">10</Copies>
<RenewalZeroRated xsi:type="xsd:decimal">10.45</RenewalZeroRated>
<RenewalVatable xsi:type="xsd:decimal">0.00</RenewalVatable>
<RenewalVAT xsi:type="xsd:decimal">0.00</RenewalVAT>
</Package>
<Packages>
</Order>
</Orders>
</Body>

```

### Soap Fault

- 1 No parameters
- 2 Contact\_ID not found
- 63 Publisher\_ID must be supplied as there are multiple Publishers



## SOAP\_getOrdersBasic

### Description

Gets Orders for Contact as follows

Gets the last Subs Promotion Order, last Subs Order, last Circulation Order and any Book orders.

### Request

```
<Body>
  <SOAP_getOrdersBasic>
    <Contact_ID xsi:type="xsd:int">2000</Contact_ID>
    <Publisher_ID xsi:type="xsd:int">1</Publisher_ID>
    <Keywords xsi:type="xsd:string">Birds</Keywords>
  </SOAP_getOrdersBasic>
</Body>
```

Keywords is a wildcard search based on Title Keywords, Orders are returned where the title matches the keywords.

### Response

```
<Body>
  <Orders>
    <Order>
      <OrderNumber xsi:type="xsd:int">130</OrderNumber>
      <SubsPromotion xsi:type="xsd:stringint">UK</SubsPromotion>
      <Currency xsi:type="xsd:string">UK Pounds</Currency>
      <PaymentType xsi:type="xsd:string">Cash.Cheque</PaymentType>
      <StatusType xsi:type="xsd:string">Cancelled</StatusType>
      <Amount xsi:type="xsd:decimal"></Amount>
      <CollectionFrequency xsi:type="xsd:string">Annual</CollectionFrequency>
      <Invoice_Contact_ID xsi:type="xsd:int">130</Invoice_Contact_ID>
      <Invoice_Contact xsi:type="xsd:string">Mr Smith</Invoice_Contact>
      <Despatch_Contact_ID xsi:type="xsd:int">130</Despatch_Contact_ID>
      <Despatch_Contact xsi:type="xsd:string">Mr Smith</Despatch_Contact>
      <Agent_Contact_ID xsi:type="xsd:int"></Agent_Contact_ID>
      <Agent_Contact xsi:type="xsd:string"></Agent_Contact>
      <CreationDate xsi:type="xsd:string">DD-MM-YYYY</CreationDate>
      <Packages>
        <Package>
          <OrderPackageType_ID xsi:type="xsd:int">5</OrderPackageType_ID>
          <Title_ID xsi:type="xsd:int">1</Title_ID>
          <StartIssue xsi:type="xsd:string">Jan 2010</StartIssue>
```

```

    <EndIssue xsi:type="xsd:string">Dec 2010</EndIssue>
    <Amount xsi:type="xsd:decimal">10.45</Amount>
    <StatusType xsi:type="xsd:string">Cancelled</StatusType>
    <Stopcode xsi:type="xsd:string">Live</Stopcode>
    <OrderPackageType xsi:type="xsd:string">Book</OrderPackageType>
    <Title xsi:type="xsd:string">Offer Book</Title>
    <MyriadPackage_ID xsi:type="xsd:int"></MyriadPackage_ID>
    <RemainingIssues xsi:type="xsd:int">1344</RemainingIssues>
    <Copies xsi:type="xsd:int">1</Copies>
  </Package>
  <Package>
    <OrderPackageType_ID xsi:type="xsd:int">2</OrderPackageType_ID>
    <Title_ID xsi:type="xsd:int">14</Title_ID>
    <StartIssue xsi:type="xsd:string">Annual</StartIssue>
    <EndIssue xsi:type="xsd:string"></EndIssue>
    <Amount xsi:type="xsd:decimal">0.00</Amount>
    <StatusType xsi:type="xsd:string">Cancelled</StatusType>
    <Stopcode xsi:type="xsd:string">Live</Stopcode>
    <OrderPackageType xsi:type="xsd:string">Subscription
      </OrderPackageType>
    <Title xsi:type="xsd:string">Main Pub</Title>
    <MyriadPackage_ID xsi:type="xsd:int">1344</MyriadPackage_ID>
    <RemainingIssues xsi:type="xsd:int">1344</RemainingIssues>
    <Copies xsi:type="xsd:int">1</Copies>
  </Package>
</Packages>
</Order>
</Orders>
</Body>

```

## Soap Fault

- 1 No parameters
- 2 Contact\_ID not found
- 63 Publisher\_ID must be supplied as there are multiple Publishers

## SOAP\_getOrderBasic

### Description

Gets Orders for Order\_ID/OrderNumber as follows

Gets the last Subs Promotion Order, last Subs Order, last Circulation Order and any Book orders.

### Request

```
<Body>
  <SOAP_getOrderBasic>
    <Order_ID xsi:type="xsd:int">2000</Order_ID>
    <OrderNumber xsi:type="xsd:int">1</OrderNumber>
  </SOAP_getOrderBasic>
</Body>
```

### Response

```
<Body>
  <Order>
    <OrderNumber xsi:type="xsd:int">130</OrderNumber>
    <SubsPromotion xsi:type="xsd:stringint">UK</SubsPromotion>
    <Currency xsi:type="xsd:string">UK Pounds</Currency>
    <PaymentType xsi:type="xsd:string">Cash.Cheque</PaymentType>
    <StatusType xsi:type="xsd:string">Cancelled</StatusType>
    <Amount xsi:type="xsd:decimal"></Amount>
    <CollectionFrequency xsi:type="xsd:string">Annual</CollectionFrequency>
    <Invoice_Contact_ID xsi:type="xsd:int">130</Invoice_Contact_ID>
    <Invoice_Contact xsi:type="xsd:string">Mr Smith</Invoice_Contact>
    <Despatch_Contact_ID xsi:type="xsd:int">130</Despatch_Contact_ID>
    <Despatch_Contact xsi:type="xsd:string">Mr Smith</Despatch_Contact>
    <Agent_Contact_ID xsi:type="xsd:int"></Agent_Contact_ID>
    <Agent_Contact xsi:type="xsd:string"></Agent_Contact>
    <CreationDate xsi:type="xsd:string">DD-MM-YYYY</CreationDate>
    <Packages>
      <Package>
        <OrderPackageType_ID xsi:type="xsd:int">5</OrderPackageType_ID>
        <Title_ID xsi:type="xsd:int">1</Title_ID>
        <StartIssue xsi:type="xsd:string">Jan 2010</StartIssue>
        <EndIssue xsi:type="xsd:string">Dec 2010</EndIssue>
        <Amount xsi:type="xsd:decimal">10.45</Amount>
        <StatusType xsi:type="xsd:string">Cancelled</StatusType>
        <Stopcode xsi:type="xsd:string">Live</Stopcode>
        <OrderPackageType xsi:type="xsd:string">Book</OrderPackageType>
```

```

<Title xsi:type="xsd:string">Offer Book</Title>
<MyriadPackage_ID xsi:type="xsd:int"></MyriadPackage_ID>
<RemainingIssues xsi:type="xsd:int">1</RemainingIssues>
<Copies xsi:type="xsd:int">1</Copies>
</Package>
<Package>
  <OrderPackageType_ID xsi:type="xsd:int">2</OrderPackageType_ID>
  <Title_ID xsi:type="xsd:int">14</Title_ID>
  <StartIssue xsi:type="xsd:string">Annual</StartIssue>
  <EndIssue xsi:type="xsd:string"></EndIssue>
  <Amount xsi:type="xsd:decimal">0.00</Amount>
  <StatusType xsi:type="xsd:string">Cancelled</StatusType>
  <Stopcode xsi:type="xsd:string">Live</Stopcode>
  <OrderPackageType xsi:type="xsd:string">Subscription
                                                                </OrderPackageType>
  <Title xsi:type="xsd:string">Main Pub</Title>
  <MyriadPackage_ID xsi:type="xsd:int">1344</MyriadPackage_ID>
  <RemainingIssues xsi:type="xsd:int">1344</RemainingIssues>
  <Copies xsi:type="xsd:int">2</Copies>
</Package>
<Packages>
</Order>
</Body>

```

## Soap Fault

- 1 No parameters

## SOAP\_getOrderDemographics

### Description

Returns Order Demographics for Order

### Request

```
<Body>
  <SOAP_getOrderDemographics>
    <Order_ID xsi:type="xsd:int">2000</Order_ID>
  </SOAP_getOrderDemographics>
</Body>
```

### Response

String Array –

DemographicQuestion\_ID;DataType\_ID;DemographicAnswer1;DemographicAnswer2;DemographicQuestList\_ID's

```
<Body>
  <ContactDemographics enc:arrayType="xsd:string[0]">
    <ContactDemographic>2;2;;;6</ContactDemographic>
    <ContactDemographic>4;2;;;19|22|23|24</ContactDemographic>
    <ContactDemographic>3;13;From Import;;</ContactDemographic>
  </ContactDemographics>
</Body>
```

DataType_ID -	1	Pick One From List
	2	Pick Many From List
	3	Integer
	4	Integer Range
	5	Number
	6	Number Range
	7	Currency
	8	Currency Range
	9	Percentage
	10	Percentage Range
	11	Date
	12	Date Range
	13	Free Text

DemographicQuestList\_IDs is a '|' (Pipe) terminated string of DemographicQuestList\_ID

## Soap Fault

- 1 No parameters
- 26 Order\_ID not found

## SOAP\_checkforLiveSubscriptionforContact

### Description

Returns list of Live subscriptions for a Contact

### Request

```
<Body>
  <SOAP_checkforLiveSubscriptionforContact>
    <Contact_ID xsi:type="xsd:int">2000</Contact_ID>
    <Publisher_ID xsi:type="xsd:int">1</Publisher_ID>
    <Title_ID xsi:type="xsd:int">1</Title_ID>
  </SOAP_checkforLiveSubscriptionforContact>
</Body>
```

### Response

```
<Body>
  <SubscriptionOrders enc:arrayType="xsd:int[0]">
    <Order_ID>110</Order_ID>
  </SubscriptionOrders>
</Body>
```

### Soap Fault

- 1 No parameters
- 2 Contact\_ID not found
- 20 Title\_ID not found
- 63 Publisher\_ID must be supplied as there are multiple Publishers

## SOAP\_updateOrderDemographic

### Description

Update Order Demographic record

### Request

```
<Body>
  <SOAP_updateOrderDemographic>
    <Order_ID xsi:type="xsd:int">34</Order_ID>
    <DemographicQuestion_ID xsi:type="xsd:int">
      3</DemographicQuestion_ID>
    <DemographicAnswer1 xsi:type="xsd:string">Telephone</DemographicAnswer1>
    <DemographicAnswer2 xsi:type="xsd:string">34</DemographicAnswer2>
    <DemographicQuestList_IDs xsi:type="xsd:string">
      12|23</DemographicQuestList_IDs>
    </SOAP_updateOrderDemographic>
  </Body>
```

DemographicQuestList\_IDs is a '|' (Pipe) terminated string of DemographicQuestList\_IDs, if DemographicQuestList\_IDs is empty then demographic will be deleted.

### Response

```
<Body>
  <SOAP_updateOrderDemographic_Response>
    <Success xsi:type="xsd:boolean">true</Success>
  </SOAP_updateOrderDemographic_Response>
</Body>
```

### Soap Fault

- |    |                                   |
|----|-----------------------------------|
| 1  | No parameters                     |
| 26 | Order_ID not found                |
| 8  | DemographicQuestion_ID not found  |
| 9  | DemographicQuestList_ID not found |



## SOAP\_createSubscriptionOrder

### Description

Creates a Subscription Order

### Request

#### Request

```
<Body>
  <SOAP_createSubscriptionOrder>
    <Contact_ID xsi:type="xsd:int">223</Contact_ID>
    <OrderStatusType_ID xsi:type="xsd:int">3</OrderStatusType_ID>
    <InvoiceFrequency_ID xsi:type="xsd:int">1</InvoiceFrequency_ID>
    <Currency_ID xsi:type="xsd:int">1</Currency_ID>
    <Promotion_ID xsi:type="xsd:int"></Promotion_ID>
    <PaymentType_ID xsi:type="xsd:int">1</PaymentType_ID>
    <CreditCardNumber xsi:type="xsd:string"></CreditCardNumber>
    <CreditCardExpiryDate xsi:type="xsd:string">MMYY</CreditCardExpiryDate>
    <CreditCardStartDate xsi:type="xsd:string">MMYY</CreditCardStartDate>
    <CreditCardIssueNumber xsi:type="xsd:string"></CreditCardIssueNumber>
    <CreditCardCVV xsi:type="xsd:string" />
    <BankSortCode xsi:type="xsd:string">112233</BankSortCode>
    <BankAccountNumber xsi:type="xsd:string">01234567</BankAccountNumber>
    <BankAccountName xsi:type="xsd:string">A C Smith</BankAccountName>
    <DirectDebitFirstCollectionDate xsi:type="xsd:string">
      YYYY-MM-DD</DirectDebitFirstCollectionDate>
    <DirectDebitFirstCollectionAmount xsi:type="xsd:decimal">
      10.00</DirectDebitFirstCollectionAmount>
    <CollectionFrequency_ID xsi:type="xsd:int">1</CollectionFrequency_ID>
    <Title_ID xsi:type="xsd:int">1</Title_ID>
    <Start_Issue_ID xsi:type="xsd:int">23</Start_Issue_ID>
    <Issues xsi:type="xsd:int">12</Issues>
    <Copies xsi:type="xsd:int">2</Copies>
    <DespatchMode_ID xsi:type="xsd:int">1</DespatchMode_ID>
    <Rate_ID xsi:type="xsd:int">13</Rate_ID>
    <InvoiceSubscription xsi:type="xsd:boolean">true</InvoiceSubscription>
    <SetAsLive xsi:type="xsd:boolean">false</SetAsLive>
    <Start_Issue_Date xsi:type="xsd:string">YYYY-MM-DD</Start_Issue_Date>
  </SOAP_createSubscriptionOrder>
</Body>
```

Start\_Issue\_ID and Issues are required for Non Time Based subscriptions

SetAsLive will default to false if not supplied.

Start\_Issue\_Date is required for Time Based Subscriptions

For Credit Card Payment Plan payment types DirectDebitFirstCollectionDate & CollectionFrequency\_ID need to be supplied

## Response

```
<Body>
  <SOAP_createSubscriptionOrder_Response>
    <Success xsi:type="xsd:boolean">true</Success>
    <Order_ID xsi:type="xsd:int">60689</Order_ID>
  </SOAP_createSubscriptionOrder_Response>
</Body>
```

## Soap Fault

- 1 No parameters
- 2 Contact\_ID not found
- 14 Currency\_ID not found
- 15 Promotion\_ID not found
- 16 PaymentType\_ID not found
- 17 Credit Cards Details missing
- 18 Bank Detail Missing
- 19 CollectionFrequency\_ID not found
- 20 Title\_ID not found
- 21 Start\_Issue\_ID not found
- 22 DespatchMode\_ID not found
- 23 Rate\_ID not found
- 24 Cannot create Direct Debit Plan for this Subscription
- 25 No RateCurrency record for Rate and Currency
- 28 InvoiceFrequency\_ID not found
- 34 OrderStatusType\_ID not found
- 35 Direct Debit Order cannot have Paid status
- 39 Start\_Issue\_Date is not valid
- 40 Cannot find Issue Number 1 for Time Based Title
- 41 Start\_Issue\_ID is not valid
- 42 Number of Issues not supplied

## SOAP\_createCirculationOrder

### Description

Creates a Circulation Order

### Request

```
<Body>
  <SOAP_createCirculationOrder>
    <Contact_ID xsi:type="xsd:int">223</Contact_ID>
    <ApplicationDate xsi:type="xsd:date">YYYY-MM-DD</ApplicationDate>
    <Title_ID xsi:type="xsd:int">1</Title_ID>
    <Issue_ID xsi:type="xsd:int">23</Issue_ID>
    <EndIssue_ID xsi:type="xsd:int">23</EndIssue_ID>
    <Copies xsi:type="xsd:int">2</Copies>
    <DespatchMode_ID xsi:type="xsd:int">1</DespatchMode_ID>
    <ABC_ID xsi:type="xsd:int">1</ABC_ID>
    <RenewalCampaign_ID xsi:type="xsd:int">1</RenewalCampaign_ID>
  </SOAP_createCirculationOrder>
</Body>
```

ABC\_ID is mandatory if the title being created is set to use ABC.

EndIssue\_ID will set the EndIssue on the Circulation

### Response

String Array – Success  
Order\_ID

### Soap Fault

- 1 No parameters
- 2 Contact\_ID not found
- 20 Title\_ID not found
- 21 Issue\_ID not found
- 22 DespatchMode\_ID not found
- 54 ABC\_ID not found
- 55 RenewalCampaign\_ID not found
- 70 EndIssue\_ID not found

## SOAP\_reregisterCirculationOrder

### Description

Creates a Subscription Order

### Request

```
<Body>
  <SOAP_reregisterCirculationOrder>
    <Order_ID xsi:type="xsd:int">223</Order_ID>
    <Copies xsi:type="xsd:int">2</Copies>
    <DespatchMode_ID xsi:type="xsd:int">1</DespatchMode_ID>
    <ABC_ID xsi:type="xsd:int">13</ABC_ID>
    <RenewalCampaign_ID xsi:type="xsd:int">1</RenewalCampaign_ID>
    <ApplicationDate xsi:type="xsd:string">YYYY-MM-DD</ApplicationDate>
  </SOAP_reregisterCirculationOrder>
</Body>
```

If Copies or DespatchMode\_ID is not supplied it will take from current order.

Application Date will default to current date if not supplied.

ABC\_ID is mandatory if the title being created is set to use ABC.

### Response

```
<Body>
  <SOAP_registerCirculationOrder_Response>
    <Success xsi:type="xsd:boolean">true</Success>
    <Order_ID xsi:type="xsd:int">60689</Order_ID>
  </SOAP_registerCirculationOrder_Response>
</Body>
```

### Soap Fault

- 1 No parameters
- 2 Contact\_ID not found
- 22 DespatchMode\_ID not found
- 54 ABC\_ID not found

## SOAP\_createOrder

### Description

Create Order

### Request

<Body>

<SOAP\_createOrder>

<OrderType\_ID xsi:type="xsd:int">2</OrderType\_ID>

<Paid xsi:type="xsd:boolean">>false</Paid>

<SetToLive xsi:type="xsd:boolean">>false</SetToLive>

<Vatable\_VATRate\_ID xsi:type="xsd:int">1</Vatable\_VATRate\_ID>

<PostAndPack\_VATRate\_ID xsi:type="xsd:int">1</PostAndPack\_VATRate\_ID>

<DespatchContact\_ID xsi:type="xsd:int">2</DespatchContact\_ID>

<InvoiceContact\_ID xsi:type="xsd:int">2</InvoiceContact\_ID>

<AgentDonorContact\_ID xsi:type="xsd:int">2</AgentDonorContact\_ID>

<Event\_ID xsi:type="xsd:int">2</Event\_ID>

<OrderReference xsi:type="xsd:string">An Order Reference</OrderReference>

<OrderDate xsi:type="xsd:date">YYYY-MM-DD</OrderDate>

<PaymentDate xsi:type="xsd:date">YYYY-MM-DD</PaymentDate>

<OverrideRateValue xsi:type="xsd:boolean">>false</OverrideRateValue>

<Packages>

<Package>

<RecipientContact\_ID xsi:type="xsd:int">2</RecipientContact\_ID>

<PrimaryContact xsi:type="xsd:boolean">>false</PrimaryContact>

<MyriadPackage\_ID xsi:type="xsd:int">2</MyriadPackage\_ID>

<SubsPromotion\_ID xsi:type="xsd:int">2</SubsPromotion\_ID>

<OrderPackageType\_ID xsi:type="xsd:int">2</OrderPackageType\_ID>

<Title\_ID xsi:type="xsd:int">2</Title\_ID>

<Rate\_ID xsi:type="xsd:int">2</Rate\_ID>

<Copies xsi:type="xsd:int">2</Copies>

<Issues xsi:type="xsd:int">2</Issues>

<StartIssue>

<Date xsi:type="xsd:string">YYYY-MM-DD</Date>

<Issue\_ID xsi:type="xsd:int">34</Issue\_ID>

</StartIssue>

<DespatchMode\_ID xsi:type="xsd:int">2</DespatchMode\_ID>

<HoldDate xsi:type="xsd:string">YYYY-MM-DD</HoldDate>

<DespatchMessage xsi:type="xsd:string">Test</DespatchMessage>

<DespatchMessage\_Title\_ID xsi:type="xsd:int">2</DespatchMessage\_Title\_ID>

<RenewalDocumentNumber xsi:type="xsd:int">2</RenewalDocumentNumber>

<ABC\_ID xsi:type="xsd:int">2</ABC\_ID>

<SourceReference xsi:type="xsd:string">Test</SourceReference>

<PostAndPackValue xsi:type="xsd:decimal">2.00</PostAndPackValue>

```

    <FreePackage>
      <OrderPackageType_ID xsi:type="xsd:int">2</OrderPackageType_ID>
      <Title_ID xsi:type="xsd:int">2</Title_ID>
      <Issue_ID xsi:type="xsd:int">34</Issue_ID>
      <Copies xsi:type="xsd:int">2</Copies>
      <DespatchMode_ID xsi:type="xsd:int">2</DespatchMode_ID>
      <DespatchContact_ID xsi:type="xsd:int">2</DespatchContact_ID>
      <DespatchMessage xsi:type="xsd:string">Test</DespatchMessage>
    </FreePackage>
    <BaseValueZeroRated xsi:type="xsd:decimal">0.00</BaseValueZeroRated>
    <BaseValueVatable1 xsi:type="xsd:decimal">0.00</BaseValueVatable1>
    <Vatable1VatValue xsi:type="xsd:decimal">0.00</Vatable1VatValue>
  </Package>
</Packages>
<Payment>
  <CardPayment>
    <PaymentType_ID xsi:type="xsd:int">2</PaymentType_ID>
    <CardNumber xsi:type="xsd:string">2342324365341278</CardNumber>
    <ExpiryDate xsi:type="xsd:string">MMYY</ExpiryDate>
    <StartDate xsi:type="xsd:string">MMYY</StartDate>
    <Issue xsi:type="xsd:int">78</Issue>
    <Amount xsi:type="xsd:decimal">78.45</Amount>
    <Currency_ID xsi:type="xsd:int">2</Currency_ID>
    <PaymentReference xsi:type="xsd:string">Cheque</PaymentReference>
    <CVV xsi:type="xsd:string">345</CVV>
    <Authorisation xsi:type="xsd:string">AB34T</Authorisation>
    <CardHolderName xsi:type="xsd:string">Mr Smith</CardHolderName>
    <CreditCardToken xsi:type="xsd:string">
      {1B9C4FCA-E001-AA1F-D1D1-11A19AE11A1D}</CreditCardToken>
    <CollectionFrequency_ID xsi:type="xsd:int">1</CollectionFrequency_ID>
    <FirstCollectionDate xsi:type="xsd:string">
      YYYY-MM-DD</FirstCollectionDate>
    </CardPayment>
    <DDPayment>
      <PaymentType_ID xsi:type="xsd:int">2</PaymentType_ID>
      <BankSortCode xsi:type="xsd:string">112233</BankSortCode>
      <BankAccountNumber xsi:type="xsd:string">
        01234567</BankAccountNumber>
      <BankAccountName xsi:type="xsd:string">
        A C Smith</BankAccountName>
      <Reference xsi:type="xsd:string">A002342</Reference>
      <FirstCollectionDate xsi:type="xsd:string">
        YYYY-MM-DD</FirstCollectionDate>
      <FirstCollectionAmount xsi:type="xsd:decimal">
        10.00</FirstCollectionAmount>
      <CollectionFrequency_ID xsi:type="xsd:int">

```

```

1</CollectionFrequency_ID>
  <Amount xsi:type="xsd:decimal">78.45</Amount>
  <Currency_ID xsi:type="xsd:int">2</Currency_ID>
</DDPayment>
<PrePaid>
  <PaymentType_ID xsi:type="xsd:int">2</PaymentType_ID>
  <Amount xsi:type="xsd:decimal">78.45</Amount>
  <Currency_ID xsi:type="xsd:int">2</Currency_ID>
  <PaymentReference xsi:type="xsd:string">Cheque</PaymentReference>
  <CreditCardToken xsi:type="xsd:string">
    {1B9C4FCA-E001-AA1F-D1D1-11A19AE11A1D}</CreditCardToken>
</PrePaid>
<Invoice>
  <Amount xsi:type="xsd:decimal">78.45</Amount>
  <Currency_ID xsi:type="xsd:int">2</Currency_ID>
  <InvoiceFrequency_ID xsi:type="xsd:int">2</InvoiceFrequency_ID>
</Invoice>
</Payment>
</SOAP_createOrder>
</Body>

```

## Order Element

The Paid attribute will tell Myriad whether or not the money has been taken on the website or not.

The GroupSubscription attribute specifies if the order is a group subscription. Only subscriptions of the same title can be part of a group subscription order.

VAT Rates - Default VAT rates for the order to use. If none are supplied the default from the Invoice contact will be used.

Only one Packages element is required for each Order element.

Only one Payment element is required for each Order element.

## Packages Element

The Packages element can contain any number of Package elements.

If OrderType\_ID is of a Group Subscription Renewal Category then a Packages element should not be supplied this functionality has not been implemented.

## Package Element

A Package element contains a single item being purchased i.e. a book, subscription, or Subs Promotion.

The MyriadPackage\_ID element is only required when the Order Type is 'Renewal' Order Category. It is the MyriadPackage\_ID that is passed up as part of the SOAP\_getOrders call.

If the Copies element is not supplied then the number of copies will be set to one for the product.

If the Issues element is not supplied for subscription orders then the number of issues will be set as the default amount on the rate supplied. This is not required for book orders or orders where a SubsPromotion\_ID is supplied.

If no StartIssue element is supplied for an issue based title, the subscription/book will use the current issue on the title for new orders. For renewals the issues will not be changed. Time based subscriptions will always start with the first issue of a title for new orders.

The DespatchMode\_ID can be retrieved using the SOAP\_getDespatchModes call. This will tell Myriad what the despatch mode of the subscription this Package element relates to is. If it is not supplied then the default for the country the despatch contact resides in will be used.

The HoldDate element will allow the despatch of a book to be delayed until the specified date. This is not required for subscription orders.

The HoldDate element will allow the despatch of a book to be delayed until the specified date. This is not required for subscription orders.

The DespatchMessage element will be output as part of the despatch for the book as a cover note. This is not required for subscription orders. For SubsPromotion orders the DespatchMessage\_Title\_ID should be supplied so that the Message can be assigned to the correct Package this will be ignored for Non SubsPromotion Orders.

The RenewalDocumentNumber element tells Myriad which document number a subscription was renewed on. If it is not supplied then, depending on the options setup in Myriad, either the last sent document number or no document number will be stored.

The ABC\_ID element is used to specify which ABC code is applied to a circulation order. If no ABC\_ID is supplied for a circulation order then an error will be raised.

The SourceReference element is used to specify where the customers details were sourced.

The PostAndPackValue element is used to specify the amount of postage for each package.



The FreePackage element is optional but can add a free book/product onto the order, useful for Subs Promotions where you need to add an optional Free Gift. The items in Bold are required if a FreePackage element is defined. If no Issue\_ID is supplied the current issue will be used. If no Copies is supplied it will default to 1. If no DespatchMode\_ID is supplied it will come from the Country Area Default for the DespatchContact\_ID. If DespatchContact\_ID is not supplied then it will default to the Order Despatch Contact.

If a SubsPromotion\_ID is passed through then extra Package elements can be supplied that will allow the Start Issue to be defined for each Title on the Subs Promotion that is not the Primary Subscription, if no element exists for a Title then the current logic of using the Current Issue will apply.

```
<Package>
  <Title_ID xsi:type="xsd:int">2</Title_ID>
  <StartIssue>
    <Date xsi:type="xsd:string">YYYY-MM-DD</Date>
    <Issue_ID xsi:type="xsd:int">34</Issue_ID>
  </StartIssue>
</Package>
```

## Payments Element

Either a CardPayment, DDPayment, Prepaid or Invoice element is required

### CardPayment Element

Either the Card details need to be supplied or the Credit Card Token if using SagePay Token.

The Card Number element contains the credit or debit card number.

The Amount element is the total value the payment will be for. This should equal the value of the rates supplied for each package (plus any postage).

The PaymentReference element is only used if the Paid attribute in the Order element is set to Yes.

FirstCollectionDate and CollectionFrequency\_ID are only required for Credit Card Payment Plans.

### Prepaid Element

The PaymentType\_ID supplied must have a payment category on Myriad of Cash/Cheque unless a CreditCardToken is passed through then a Credit Card payment category can be used.

The Amount element is the total value the payment will be for. This should equal the value of the rates supplied for each package.

### Override Rate Value

By default the value of the package on an order is the value from the rate. The Override Rate Value option will allow this value to be overridden by the new value parameters, Zero Rated Value, Vatable Value and Vat Value, from above.

If Override Rate Value is set to True, then at least one of the fields Base Value Zero Rated, Base Value Vatable 1 or Vatable 1 Vat Value must be set for each package within the order. If any of the fields are not set then they will be set to 0.

### Response

```
<Body>
  <SOAP_createOrder_Response>
    <Success xsi:type="xsd:boolean">true</Success>
    <Order_ID xsi:type="xsd:int">33</Order_ID>
    <OrderNumber xsi:type="xsd:int">34</OrderNumber>
  </SOAP_createOrder_Response>
</Body>
```

### Soap Fault

- 0 Error returned in Fault
- 1 No parameters
- 2 Contact\_ID not found

## SOAP\_createOrderDemographic

### Description

Creates Order Demographic record

### Request

```
<Body>
  <SOAP_createOrderDemographic>
    <Order_ID xsi:type="xsd:int">34</Order_ID>
    <DemographicQuestion_ID xsi:type="xsd:int">
      3</DemographicQuestion_ID>
    <DemographicAnswer1 xsi:type="xsd:string">Telephone</DemographicAnswer1>
    <DemographicAnswer2 xsi:type="xsd:string">34</DemographicAnswer2>
    <DemographicQuestList_IDs xsi:type="xsd:string">
      12|23</DemographicQuestList_IDs>
  </SOAP_createOrderDemographic>
</Body>
```

DemographicQuestList\_IDs is a '|' (Pipe) terminated string of DemographicQuestList\_IDs.

### Response

```
<Body>
  <SOAP_createOrderDemographic_Response>
    <Success xsi:type="xsd:boolean">true</Success>
  </SOAP_createOrderDemographic_Response>
</Body>
```

### Soap Fault

- 1 No parameters
- 26 Order\_ID not found
- 8 DemographicQuestion\_ID not found
- 9 DemographicQuestList\_ID not found

## SOAP\_getGroupSubscriptionforInstitution

### Description

Returns Group Subscription information for order that contains the Current Issue for an Institution by Contact\_ID/Institution\_ID

### Request

```
<Body>
  <SOAP_getGroupSubscriptionforInstitution>
    <Contact_ID xsi:type="xsd:int">2000</Contact_ID>
    <Institution_ID xsi:type="xsd:int">20</Institution_ID>
  </SOAP_getGroupSubscriptionforInstitution>
</Body>
```

### Response

```
<Body>
  <SOAP_getGroupSubscriptionforInstitution_Response>
    <InstitutionCopies xsi:type="xsd:int">5</InstitutionCopies>
    <Recipients>
      <Recipient>
        <Copies xsi:type="xsd:int">3</Copies>
        <Contact_ID xsi:type="xsd:int">2000</Contact_ID>
        <AccountCode xsi:type="xsd:string">2340</AccountCode>
      </Recipient>
      <Recipient>
        <Copies xsi:type="xsd:int">1</Copies>
        <Contact_ID xsi:type="xsd:int">2001</Contact_ID>
        <AccountCode xsi:type="xsd:string">2341</AccountCode>
      </Recipient>
      <Recipient>
        <Copies xsi:type="xsd:int">1</Copies>
        <Contact_ID xsi:type="xsd:int">2002</Contact_ID>
        <AccountCode xsi:type="xsd:string">2343</AccountCode>
      </Recipient>
    </Recipients>
  </SOAP_getGroupSubscriptionforInstitution_Response>
</Body>
```

### Soap Fault

- 1 No parameters

## SOAP\_contactLiveForTitleAndDespatchMode

### Description

Returns whether a contact is live for a title based on today's date (not the current issue) using issue publication and end dates. This can also be limited down to specific despatch modes. Only despatch contacts and recipients will be checked.

### Request

```
<Body>
  <SOAP_contactLiveForTitleAndDespatchMode>
    <Contact_ID xsi:type="xsd:int">2000</Contact_ID>
    <Title_ID xsi:type="xsd:int">5</Title_ID>
    <DespatchModes>
      <DespatchMode_ID xsi:type="xsd:int">1</DespatchMode_ID>
      <DespatchMode_ID xsi:type="xsd:int">2</DespatchMode_ID>
    </DespatchModes>
  </SOAP_contactLiveForTitleAndDespatchMode>
</Body>
```

### Response

```
<Body>
  <SOAP_contactLiveForTitleAndDespatchMode_Response>
    <Live xsi:type="xsd:boolean">true</Live>
  </SOAP_contactLiveForTitleAndDespatchMode_Response>
</Body>
```

### Soap Fault

- 1 No parameters
- 10 Missing parameters
- 2 Contact\_ID not found
- 20 Title\_ID not found
- 22 DespatchMode\_ID not found

## 5 – Miscellaneous functions

### SOAP\_createContactLetter

#### Description

Inserts a Contact Letter record for the Specified Contact

#### Request

```
<Body>
  <SOAP_createContactLetter>
    <Contact_ID xsi:type="xsd:int">2000</Contact_ID>
    <LetterCode xsi:type="xsd:string">Welcome</LetterCode>
    <UserDefindedField1 xsi:type="xsd:string">Mr</UserDefinedField1>
    <UserDefindedField2 xsi:type="xsd:string">Mr</UserDefinedField2>
    <UserDefindedField3 xsi:type="xsd:string">Mr</UserDefinedField3>
    <UserDefindedField4 xsi:type="xsd:string">Mr</UserDefinedField4>
    <UserDefindedField5 xsi:type="xsd:string">Mr</UserDefinedField5>
  </SOAP_createContactLetter>
</Body>
```

#### Response

```
<Body>
  <SOAP_createContactLetter>
    <Success xsi:type="xsd:boolean">true</Success>
  </SOAP_createContactLetter>
</Body>
```

#### Soap Fault

- 1 No parameters
- 2 Contact\_ID not found
- 43 Letter Code does not Exist

## SOAP\_updateContactListRentalEmailStatus

### Description

Updates the Email Status of a List Rental record

### Request

```
<Body>
  <SOAP_updateContactListRentalEmailStatus>
    <ContactListRental_ID xsi:type="xsd:int">2000</ContactListRental_ID>
    <ListRentalEmailStatus_ID xsi:type="xsd:int">1</ListRentalEmailStatus_ID>
  </SOAP_updateContactListRentalEmailStatus>
</Body>
```

The ContactListRental\_ID is the UNIQUEID of the email sent to the contact.

Valid ListRentalEmailStatus\_ID's are :-

	Description	Can be updated to
1	Sent	2, 3, 4, 5, 6
2	Open	3, 4
3	Clicked	4
4	Unsubscribe	
5	Soft Bounced	4, 5
6	Hard Bounced	4, 6

The 'Can be updated to' column indicates that a Sent Status can be changed to Open Status but that an Open Status cannot be set back to Sent Status.

### Response

```
<Body>
  <SOAP_updateContactListRentalEmailStatus_Response>
    <Success xsi:type="xsd:boolean">true</Success>
    <Contact_ID xsi:type="xsd:int">32</Contact_ID>
  </SOAP_updateContactListRentalEmailStatus_Response>
</Body>
```

### Soap Fault

- |    |                                  |
|----|----------------------------------|
| 1  | No parameters                    |
| 71 | ContactListRental_ID not found   |
| 72 | Invalid ListRentalEmailStatus_ID |

## 6 – Multi User Subscriptions

### SOAP\_musLogin

#### Description

Checks that login details exist on system and returns Contact\_ID of Contact login belongs to.

#### Request

```
<Body>
  <SOAP_musLogin>
    <Webkey xsi:type="xsd:string">EL3232</Webkey>
    <Surname xsi:type="xsd:string">Smith</Surname>
    <PostalCode xsi:type="xsd:string">RG40 1BJr</PostalCode>
  </SOAP_musLogin>
</Body>
```

Either Surname/PostalCode must be supplied

#### Response

```
<Body>
  <SOAP_musLogin_Response>
    <Contact_ID xsi:type="xsd:int">2323</Success>
  </SOAP_musLogin_Response>
</Body>
```

#### Soap Fault

- 1 No parameters
- 29 Contact not found



## SOAP\_musgetOrderSummary

### Description

Returns orders for a contact.

### Request

```
<Body>
  <SOAP_musgetOrderSummary>
    <Contact_ID xsi:type="xsd:int">3232</Contact_ID>
  </SOAP_musgetOrderSummary>
</Body>
```

### Response

```
<Body>
  <SOAP_musgetOrderSummary_Response>
    <Orders>
      <Order>
        <Order_ID xsi:type="xsd:int">2323</Order_ID>
        <OrderNumber xsi:type="xsd:int">2323</OrderNumber>
        <OrderReference xsi:type="xsd:string">TEST323</OrderReference>
        <OrderDate xsi:type="xsd:date">YYYY-MM-DD</OrderDate>
        <Status xsi:type="xsd:string">Multi User Sub Live</Status>
      </Order>
    </Orders>
  </SOAP_musgetOrderSummary_Response>
</Body>
```

### Soap Fault

- 1 No parameters
- 2 Contact\_ID not found
- 44 No orders for contact

## SOAP\_musgetSubscriptionSummary

### Description

Returns Multi User Subscriptions for a contact.

### Request

```
<Body>
  <SOAP_musgetSubscriptionSummary>
    <Contact_ID xsi:type="xsd:int">3232</Contact_ID>
  </SOAP_musgetSubscriptionSummary>
</Body>
```

### Response

```
<Body>
  <SOAP_musgetSubscriptionSummary_Response>
    <Subscriptions>
      <Subscription>
        <Order_ID xsi:type="xsd:int">2323</Order_ID>
        <OrderNumber xsi:type="xsd:int">2323</OrderNumber>
        <OrderReference xsi:type="xsd:string">TEST323</OrderReference>
        <OrderDate xsi:type="xsd:date">YYYY-MM-DD</OrderDate>
        <Products>
          <Product>
            <OrderPackage_ID xsi:type="xsd:int">1212</OrderPackage_ID>
            <Title xsi:type="xsd:string">Title</Title>
            <Recipients xsi:type="xsd:int">1212</Recipients>
            <StartDate xsi:type="xsd:date">YYYY-MM-DD</StartDate>
            <ExpiryDate xsi:type="xsd:date">YYYY-MM-DD</ExpiryDate>
          </Product>
        </Products>
      </Subscription>
    </Subscriptions>
  </SOAP_musgetSubscriptionSummary_Response>
</Body>
```

### Soap Fault

- 1 No parameters
- 2 Contact\_ID not found
- 44 No orders for contact

## SOAP\_musgetAdministratorDetails

### Description

Returns details for Administrator Contact

### Request

```
<Body>
  <SOAP_musgetAdministratorDetails>
    <Contact_ID xsi:type="xsd:int">3232</Contact_ID>
  </SOAP_musgetAdministratorDetails>
</Body>
```

### Response

```
<Body>
  <SOAP_musgetAdministratorDetails_Response>
    <Title xsi:type="xsd:string">XXX</Title>
    <Forename xsi:type="xsd:string">XXX</Forename>
    <Initials xsi:type="xsd:string">XXX</Initials>
    <Surname xsi:type="xsd:string">XXX</Surname>
    <LabelName xsi:type="xsd:string">XXX</LabelName>
    <Salutation xsi:type="xsd:string">XXX</Salutation>
    <JobTitle xsi:type="xsd:string">XXX</JobTitle>
    <Department xsi:type="xsd:string">XXX</Department>
    <Company xsi:type="xsd:string">XXX</Company>
    <HouseName xsi:type="xsd:string">XXX</HouseName>
    <HouseNumber xsi:type="xsd:string">XXX</HouseNumber>
    <Street xsi:type="xsd:string">XXX</Street>
    <Locality xsi:type="xsd:string">XXX</Locality>
    <Town xsi:type="xsd:string">XXX</Town>
    <County xsi:type="xsd:string">XXX</County>
    <Country xsi:type="xsd:string">XXX</Country>
    <PostalCode xsi:type="xsd:string">XXX</PostalCode>
    <Email xsi:type="xsd:string">XXX</Email>
    <Phone xsi:type="xsd:string">XXX</Phone>
    <DP_E xsi:type="xsd:boolean">true</DP_E>
    <DP_Direct xsi:type="xsd:boolean">false</DP_Direct>
  </SOAP_musgetAdministratorDetails_Response>
</Body>
```

### Soap Fault

- 1 No parameters
- 2 Contact\_ID not found

## SOAP\_musupdateAdministratorDetails

### Description

Returns details for Administrator Contact

### Request

```
<Body>
  <SOAP_musupdateAdministratorDetails>
    <Contact_ID xsi:type="xsd:int">3232</Contact_ID>
    <Title xsi:type="xsd:string">XXX</Title>
    <Forename xsi:type="xsd:string">XXX</Forename>
    <Initials xsi:type="xsd:string">XXX</Initials>
    <Surname xsi:type="xsd:string">XXX</Surname>
    <LabelName xsi:type="xsd:string">XXX</LabelName>
    <Salutation xsi:type="xsd:string">XXX</Salutation>
    <JobTitle xsi:type="xsd:string">XXX</JobTitle>
    <Department xsi:type="xsd:string">XXX</Department>
    <Company xsi:type="xsd:string">XXX</Company>
    <HouseName xsi:type="xsd:string">XXX</HouseName>
    <HouseNumber xsi:type="xsd:string">XXX</HouseNumber>
    <Street xsi:type="xsd:string">XXX</Street>
    <Locality xsi:type="xsd:string">XXX</Locality>
    <Town xsi:type="xsd:string">XXX</Town>
    <County xsi:type="xsd:string">XXX</County>
    <Country xsi:type="xsd:string">XXX</Country>
    <PostalCode xsi:type="xsd:string">XXX</PostalCode>
    <Email xsi:type="xsd:string">XXX</Email>
    <Phone xsi:type="xsd:string">XXX</Phone>
    <DP_E xsi:type="xsd:boolean">true</DP_E>
    <DP_Direct xsi:type="xsd:boolean">false</DP_Direct>
  </SOAP_musupdateAdministratorDetails>
</Body>
```

### Response

```
<Body>
  <SOAP_musupdateAdministratorDetails_Response>
    <Success xsi:type="xsd:boolean">true</Success>
  </SOAP_musupdateAdministratorDetails_Response>
</Body>
```

## Soap Fault

- 1 No parameters
- 2 Contact\_ID not found
- 10 Missing Parameters
- 45 No Country

## SOAP\_musgetSubscriptionDetail

### Description

Returns Multi User Subscriptions Details for a package.

### Request

```
<Body>
  <SOAP_musgetSubscriptionDetail>
    <OrderPackage_ID xsi:type="xsd:int">3232</OrderPackage_ID>
  </SOAP_musgetSubscriptionDetail>
</Body>
```

### Response

```
<Body>
  <SOAP_musgetSubscriptionDetail_Response>
    <Subscription>
      <Order_ID xsi:type="xsd:int">2323</Order_ID>
      <OrderNumber xsi:type="xsd:int">2323</OrderNumber>
      <OrderReference xsi:type="xsd:string">TEST323</OrderReference>
      <OrderDate xsi:type="xsd:date">YYYY-MM-DD</OrderDate>
      <Products>
        <Product>
          <OrderPackage_ID xsi:type="xsd:int">1212</OrderPackage_ID>
          <Title xsi:type="xsd:string">Title</Title>
          <StartDate xsi:type="xsd:date">YYYY-MM-DD</StartDate>
          <ExpiryDate xsi:type="xsd:date">YYYY-MM-DD</ExpiryDate>

          <Currency xsi:type="xsd:string">UK Pounds</Currency>
          <CurrentValue_Nett xsi:type="xsd:decimal">34.45</CurrentValue_Nett>
          <CurrentValue_VAT xsi:type="xsd:decimal">34.45</CurrentValue_VAT>
          <CurrentValue_Gross xsi:type="xsd:decimal">34.45</CurrentValue_Gross>
          <CurrentPaymentAmount xsi:type="xsd:decimal">23.50
            </CurrentPaymentAmount>
          <CurrentLastPaymentDate xsi:type="xsd:date">YYYY-MM-DD
            </CurrentLastPaymentDate>
          <RenewalValue_Nett xsi:type="xsd:decimal">34.45</RenewalValue_Nett>
          <RenewalValue_VAT xsi:type="xsd:decimal">34.45</RenewalValue_VAT>
          <RenewalValue_Gross xsi:type="xsd:decimal">34.45</RenewalValue_Gross>
          <Recipients xsi:type="xsd:int">23</Recipients>
          <AllocatedRecipients xsi:type="xsd:int">23</AllocatedRecipients>
          <Components>
            <Component>
              <ComponentName xsi:type="xsd:string">Component
```

```

                                </ComponentName>
        <ComponentAllowed xsi:type="xsd:boolean">true
                                </ComponentAllowed>
    </Component>
</Components>
</Product>
</Products>
</Subscription>
</SOAP_musgetSubscriptionDetail_Response>
</Body>
```

### Soap Fault

- 1      No parameters
- 46     Order Package Not Found



## SOAP\_musgetRecipients

### Description

Returns Multi User Subscriptions Details for a package.

### Request

```
<Body>
  <SOAP_musgetRecipients>
    <OrderPackage_ID xsi:type="xsd:int">3232</OrderPackage_ID>
  </SOAP_musgetRecipients>
</Body>
```

### Response

```
<Body>
  <SOAP_musgetRecipients_Response>
    <Recipients>
      <Order_ID xsi:type="xsd:int">2323</Order_ID>
      <OrderPackage_ID xsi:type="xsd:int">1212</OrderPackage_ID>
      <Recipient>
        <Recipient_ID xsi:type="xsd:int">999</Recipient_ID>
        <WebID xsi:type="xsd:string">XXX</WebID>
        <UniqueCode xsi:type="xsd:string">XXX</UniqueCode>
        <Name xsi:type="xsd:string">XXX</Name>
        <JobTitle xsi:type="xsd:string">XXX</JobTitle>
        <Department xsi:type="xsd:string">XXX</Department>
        <Company xsi:type="xsd:string">XXX</Company>
        <HouseName xsi:type="xsd:string">XXX</HouseName>
        <HouseNumber xsi:type="xsd:string">XXX</HouseNumber>
        <Street xsi:type="xsd:string">XXX</Street>
        <Locality xsi:type="xsd:string">XXX</Locality>
        <Town xsi:type="xsd:string">XXX</Town>
        <County xsi:type="xsd:string">XXX</County>
        <Country xsi:type="xsd:string">XXX</Country>
        <PostalCode xsi:type="xsd:string">XXX</PostalCode>
        <Active xsi:type="xsd:boolean">true</Active>
      </Recipient>
    </Recipients>
  </SOAP_musgetRecipients_Response>
</Body>
```

### Soap Fault

- 1 No parameters
- 46 Order Package Not Found

## SOAP\_musgetRecipientDetail

### Description

Returns Recipeint Details for a Recipient.

### Request

```
<Body>
  <SOAP_musgetRecipientDetail>
    <OrderPackage_ID xsi:type="xsd:int">3232</OrderPackage_ID>
    <Recipient_ID xsi:type="xsd:int">3232</Recipient_ID>
  </SOAP_musgetRecipientDetail>
</Body>
```

### Response

```
<Body>
  <SOAP_musgetRecipientDetail_Response>
    <Recipient>
      <OrderPackage_ID xsi:type="xsd:int">1212</OrderPackage_ID>
      <Recipient_ID xsi:type="xsd:int">1212</Recipient_ID>
      <WebID xsi:type="xsd:string">XXX</WebID>
      <UniqueCode xsi:type="xsd:string">XXX</UniqueCode>
      <Name xsi:type="xsd:string">XXX</Name>
      <JobTitle xsi:type="xsd:string">XXX</JobTitle>
      <Department xsi:type="xsd:string">XXX</Department>
      <Company xsi:type="xsd:string">XXX</Company>
      <HouseName xsi:type="xsd:string">XXX</HouseName>
      <HouseNumber xsi:type="xsd:string">XXX</HouseNumber>
      <Street xsi:type="xsd:string">XXX</Street>
      <Locality xsi:type="xsd:string">XXX</Locality>
      <Town xsi:type="xsd:string">XXX</Town>
      <County xsi:type="xsd:string">XXX</County>
      <Country xsi:type="xsd:string">XXX</Country>
      <PostalCode xsi:type="xsd:string">XXX</PostalCode>
      <Email xsi:type="xsd:string">XXX</Email>
      <Phone xsi:type="xsd:string">XXX</Phone>
      <DP_E xsi:type="xsd:boolean">true</DP_E>
      <DP_Direct xsi:type="xsd:boolean">true</DP_Direct>
      <Active xsi:type="xsd:boolean">true</Active>
      <Components>
        <Component>
          <ComponentName xsi:type="xsd:string">XXX</ComponentName>
          <ComponentAllowed xsi:type="xsd:boolean">true</ComponentAllowed>
          <HasComponent xsi:type="xsd:boolean">true</HasComponent>
        </Component>
      </Components>
    </Recipient>
  </SOAP_musgetRecipientDetail_Response>
</Body>
```

```
        </Component>
      </Components>
    </Receipt>
  </SOAP_musgetRecipientDetail_Response>
</Body>
```

### Soap Fault

- 1 No parameters
- 46 Order Package Not Found
- 47 Recipient Not Found

## SOAP\_musupdateRecipientDetail

### Description

Returns Recipeint Details for a Recipient.

### Request

```
<Body>
  <SOAP_musupdateRecipientDetail>
    <Recipient>
      <OrderPackage_ID xsi:type="xsd:int">1212</OrderPackage_ID>
      <Recipient_ID xsi:type="xsd:int">1212</Recipient_ID>
      <WebID xsi:type="xsd:string">XXX</WebID>
      <UniqueCode xsi:type="xsd:string">XXX</UniqueCode>
      <Name xsi:type="xsd:string">XXX</Name>
      <JobTitle xsi:type="xsd:string">XXX</JobTitle>
      <Department xsi:type="xsd:string">XXX</Department>
      <Company xsi:type="xsd:string">XXX</Company>
      <HouseName xsi:type="xsd:string">XXX</HouseName>
      <HouseNumber xsi:type="xsd:string">XXX</HouseNumber>
      <Street xsi:type="xsd:string">XXX</Street>
      <Locality xsi:type="xsd:string">XXX</Locality>
      <Town xsi:type="xsd:string">XXX</Town>
      <County xsi:type="xsd:string">XXX</County>
      <Country xsi:type="xsd:string">XXX</Country>
      <PostalCode xsi:type="xsd:string">XXX</PostalCode>
      <DP_E xsi:type="xsd:boolean">true</DP_E>
      <DP_Direct xsi:type="xsd:boolean">true</DP_Direct>
      <Active xsi:type="xsd:boolean">true</Active>
      <Components>
        <Component>
          <ComponentName xsi:type="xsd:string">XXX</ComponentName>
          <ComponentAllowed xsi:type="xsd:boolean">true</ComponentAllowed>
          <HasComponent xsi:type="xsd:boolean">true</HasComponent>
        </Component>
      </Components>
    </Recipient>
  </SOAP_musupdateRecipientDetail>
</Body>
```

### Response

```
<Body>
  <SOAP_musupdateRecipientDetail_Response>
    <Success xsi:type="xsd:boolean">true</Success>
  </SOAP_musupdateRecipientDetail_Response>
</Body>
```

### Soap Fault

- 1 No parameters
- 46 Order Package Not Found
- 47 Recipient Not Found
- 49 Cannot assign Component when it is not allowed
- 50 Cannot find Component for this Package
- 51 Cannot Allocate any more Recipients for this Subscription
- 52 Cannot Allocate Web ID
- 53 Cannot Allocate Component as it is not allowed on this subscription