FINASTRA

Global PAYplus

Static Data Services

Service-Oriented Architecture Guide

Version Control

Version	Date	Summary of Changes
3.0	Dec-2015	Document rebranded
3.1	Jun-2017	• Updated with explanations and examples for the option to fetch and update Custom Fields (UDFs) on the Profile level in the same manner that generic Profile fields are fetched and updated. • ProfileMultiActions description updated with restrictions on usage when working in distributed mode from several threads against several GPPs
3.2	Aug-2017	• Removal of a mistaken comment indicating a tag is optional in the example of the Request of the ProfileList
3.3	Dec 2017	Exchange Rate Profile (EXCHRATE_BU Table): Added CCY_PAIR to table

Table of Contents

1 Overview

Note: This SOA Guide has not yet been certified for GPP V4.6; therefore, there may be inaccuracies in this document that may require amendments in the future. For more information, please contact your Finastra Project Manager.

1.1 Introduction

GPP is a robust payment engine whose workflow emulates the business flow of a bank or financial institution. Configurable reference data profiles control the sequence of workflow steps and the actions performed in each step.

This document describes the different services that help create, manage, and control the different static data profiles in GPP.

1.2 About This Book

This SOA Guide describes GPP Web services that are based on a Service-Oriented Architecture (SOA) concept, which enables third party applications to interact with GPP.

It includes information about these services:

- ApplyChangesService: Applies recent updates made to static data.
- LoadProfileService: Loads a specific profile entry according to the service request.
- ProfileActionsService: Takes an action, such as create or delete, on a profile.
- ProfileListService: Loads a list of applicable profile attributes per search criteria.

1.3 Service Input Table Legend

These are the symbols used in Service Input tables in this guide.

Symbol	Description
L	Element level in the file
++++	Shows the element indentation

2 Apply Changes Service

2.1 Overview

This service enables a third party application to apply recent updates that were made to specific profiles.

The same functionality is accessible using the Apply Changes dialog box in the GPP user interface.

2.2 Service Function

This service supports the applyChanges function.

2.3 Input

This table includes the input parameters for this service.

Parameter	Tag Name	L	Format	Comment
Header	Header	0		Request Header

Parameter	Tag Name	L	Format	Comment
Finastra Header	+FndtHeader	1		Service Header
Credentials	++Credentials	2		Credentials
User ID	+++UserID	3		A valid GPP user (see List of System Users). User name is case sensitive. Use the exact user name. The user must have these credentials: User exists, and active (status = AC) and not logged in (LOGGED_IN <> 2)
User Entitlement code	+++Role	3		A valid GPP Entitlement profile (see List of System Entitlements). Credentials check: The entitlement exists and is assigned to the user logged in. Also, where applicable, the relevant access permission is granted
Body	Body	0		Service Body
Header	+Header	1		Header
User ID	++UserID	2	STRING {0..1}	Audit user only. This input does not go through a validation process. Where applicable, this would be used as the audit user.
Effective date	+effectiveDate	1	Date	When specified date is greater than the local office business date the profile will be saved with a future status and will only become effective on that date.
Unique Profile IDs	+profileIDs	1	STRING {1..1}	Each profile in GPP has a unique ID. Each profile in the tag (except for the last profile) must be followed by a comma (,). The list of profiles is defined under MENU_ITEMS system table. For a list of frequently used profiles, see Frequently Used Profiles. For a complete list, see Profiles and Profile IDs.

2.4 Processing

The system processes this service request as follows:

1. The profile IDs in the profileIDs tag are converted to cache IDs.
2. Related caches are evaluated.
3. Invalid profile IDs are ignored.
4. Changes are applied and the cache is refreshed for each valid profile ID.
5. A response is returned.

2.5 Output

This table includes the output parameters for this service.

Parameter	Tag Name	L	Format	Comment
	+compCode	2	NUMBER	A return code, indicating the return error where applicable. 0 means passed successfully
	info	2	STRING	If compCode has a value other than 0, a description of the error

2.6 Error Codes

The system does not return service specific error codes in the response to an ApplyChangesService request.

The system does not process any invalid profile IDs in the **profileIDs** tag.

For more information, see Generic Error Codes.

2.7 Examples

2.7.1 Apply Changes Request

This is a request for this service:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:app="http://fundtech.com/SCL/ApplyChangesService"
xmlns:stat="http://fundtech.com/SCL/StaticDataCommonTypes">
   <soap:Header>
      <q2:FndtHeader xmlns:q2="http://fundtech.com/SCL/CommonTypes">
              <q2:credentials>
                <q2:UserID>PRANITA1</q2:UserID>
                <q2:Role>ADMIN</q2:Role>
         </q2:credentials>
      </q2:FndtHeader>
   </soap:Header>
   <soap:Body>
      <app:ApplyChangesRequest>
              <stat:header>
           <stat:UserID>AUDIT_U</stat:UserID>
         </stat:header>
         <app:effectiveDate>2010-01-01</app:effectiveDate>
          <app:profileIDs>P416,P417</app:profileIDs>
      </app:ApplyChangesRequest>
   </soap:Body>
</soap:Envelope>
```

2.7.2 Apply Changes Response

This is a response for this service:

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
   <soap:Body xmlns:ns1="http://fundtech.com/SCL/ApplyChangesService">
      <app:ApplyChangesResponse xmlns:app="http://fundtech.com/SCL/ApplyChangesService">
         <stat:compCode
xmlns:stat="http://fundtech.com/SCL/StaticDataCommonTypes">0</stat:compCode>
         <stat:info xmlns:stat="http://fundtech.com/SCL/StaticDataCommonTypes"/>
      </app:ApplyChangesResponse>
   </soap:Body>
</soap:Envelope>
```

3 Load Profile Service

3.1 Overview

The service enables a third party application to retrieve a single entry per profile by providing both the profile unique ID and the entry unique ID.

3.2 Service Function

This service supports the performLoadProfile function.

3.3 Input

This table includes the input parameters for this service.

Parameter	Tag Name	L	Format	Comment
Header	Header	0		Request Header
Finastra Header	+FndtHeader	1		Service Header
Credentials	++Credentials	2		Credentials
User ID	+++UserID	3		A valid GPP user (see List of System Users). User name is case sensitive. Use the exact user name. The user must have these credentials: User exists, and active (status = AC) and not logged in (LOGGED_IN <> 2)
User Entitlement code	+++Role	3		A valid GPP Entitlement profile (see List of System Entitlements). Credentials check: The entitlement exists and is assigned to the user logged in. Also, where applicable, the relevant access permission is granted
Body	Body	0		Service Body
Header	+Header	1		Header
User ID	++UserID	2	STRING {0..1}	Audit user only. Optional parameter that is not validated. Where applicable, this is the audit user.
Unique Profile ID	+profileID	1	STRING {1..1}	Each profile in GPP has a unique ID. To specify the correct profile for a query, a profile ID must be provided. The list of profiles is defined under MENU_ITEMS system table. For a list of frequently used profiles, see Frequently Used Profiles. For a complete list, see Profiles and Profile IDs.
Unique Profile record ID	+profileRecord UniqueID	1		Specify the Unique ID (UID) for the specified profile. The field name is a concatenation of UID and [profile name]. Example: MOP profile (ID = 32) UID_MOP possible value: '***^SWIFT'

3.4 Processing

The system processes this service request as follows:

1. The input parameters are validated. When the profile ID cannot be found or is not provided, an error is generated.
2. Profile query is generated.
3. All relevant attributes are returned.

3.5 Output

The full profile of data information, including Custom Fields (UDFs) if defined, is received as output from this service.

This table includes the output parameters for this service.

Parameter	Tag Name	L	Format	Comment
Records	record	0	{0..n}	Record – result entry
Field		1		Result columns specification
Field Name	+name	2		Specifies the column name (logical field ID) & then the field value. Example: <field name="OFFICE">US1</field> Office is the field name and then US1 is the field name value. In the case of a Custom Field example: <field name="name="***^Test111">12345Z</field> ***^Test111 is the Custom Field name and then 12345Z is the field name value.
Summary	Feedback	1		Result summary
	+compCode	2	NUMBER	A return code, indicating the return error where applicable. 0 means passed successfully

An unsuccessful request generates a response with these elements:

- **compCode**: Contains a relevant error code for the unsuccessful request
- **info**: Contains a description of the error

3.6 Error Codes

This table includes the error codes for this service.

Code	Description
40232	Profile with ID [Profile ID] does not exist.

An unsuccessful request generates a response with these elements:

- **compCode**: Contains a relevant error code for the unsuccessful request

- info: Contains a description of the error

For more information, see [Generic Error Codes](#).

3.7 Examples

3.7.1 Load Profile Request

Request an entry from <mark>accounts table (profile ID 28</mark>) with unique ID as '<mark>US1^44478521^USD</mark>'

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:load="http://fundtech.com/SCL/LoadProfileService"
xmlns:stat="http://fundtech.com/SCL/StaticDataCommonTypes">
   <soap:Header>
       <q2:FndtHeader xmlns:q2="http://fundtech.com/SCL/CommonTypes">
                     <q2:credentials>
                            <q2:UserID>YONIS</q2:UserID>
                            <q2:Role>ADMIN</q2:Role>
                     </q2:credentials>
              </q2:FndtHeader>
   </soap:Header>
   <soap:Body>
      <load:PerformLoadProfileRequest>
         <!--Optional:-->
         <stat:header>
            <stat:UserID>user</stat:UserID>
         </stat:header>
         <load:profileID>28</load:profileID>
         <load:profileRecordUniqueID>US1^44478521^USD</load:profileRecordUniqueID>
      </load:PerformLoadProfileRequest>
   </soap:Body>
</soap:Envelope>
```

3.7.2 Load Profile Response

This is a response for this service.

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
   <soap:Body xmlns:ns1="http://fundtech.com/SCL/LoadProfileService">
      <PerformLoadProfileResponse xmlns="http://fundtech.com/SCL/LoadProfileService">
         <records xmlns="http://fundtech.com/SCL/StaticDataCommonTypes">
            <record>
               <field name="COUNTRYNAME"/>
               <field name="ZIP"/>
               <field name="IN_LIMIT">0</field>
               <field name="POSITION_KEEPING">0</field>
               <field name="PERCENTAGE_F_USE">0</field>
               <field name="TXT_NET">-1500.0</field>
               <field name="EXT_ACCT_IND"/>
               <field name="CURRENCY">USD</field>
               <field name="ACCOUNTNAME"/>
               <field name="IN_NO">0</field>
               <field name="CREDIT_CONVERSION">1</field>
               <field name="FVT_ENROLLED">0</field>
               <field name="PEG_BAL">0</field>
               <field name="MT210_RELATE_REF">0</field>
               <field name="NON_COM_ADV">0</field>
               <field name="DAY_L_LIMIT">0</field>
               <field name="FEE_ACCOUNT_OFFICE"/>
               <field name="OUTPEND_NO">0</field>
               <field name="ACCOUNT_OWNER_NAME"/>
               <field name="BLRECEIVED">0</field>
               <field name="PROFILE_CHANGE_STATUS">FU</field>
               <field name="FA_CODE_REQUIRED">0</field>
               <field name="UID">US1^44478521^USD</field>
               <field name="IS_TREASURY">0</field>
               <field name="EXT_CUST_NAME"/>
```

```xml
<field name="ZEROBAL">0</field>
<field name="PMT_CATEGORY"/>
<field name="REF_210_TO_ADV">0</field>
<field name="OUT_LIMIT">0</field>
<field name="SUB_LIMIT_PRIO"/>
<field name="CREDIT_TRANSFER_LIMIT">0</field>
<field name="SOD_LIQUIDIY_STATUS">0</field>
<field name="PHONE"/>
<field name="DEPARTMENT">PSV</field>
<field name="EXTERNAL_ADDTL_AVAIL">0</field>
<field name="REL_ACC_CCY">USD</field>
<field name="ACC_TYPE">DDA</field>
<field name="CUST_CODE">US1SABOFAFRPPXXX</field>
<field name="STOPFLAGCR">0</field>
<field name="DAY_OPN_BL">0</field>
<field name="ACC_NO">44478521</field>
<field name="PREFERREDACC">1</field>
<field name="DD_DAILY_USED">0</field>
<field name="COUNTRYCODE"/>
<field name="GROUP_LIMIT_CHECK">0</field>
<field name="EFFECTIVE_DATE">2010-03-02 00:00:00.0</field>
<field name="WAIT_4_BALANCE">0</field>
<field name="DEBIT_CONVERSION">1</field>
<field name="CITY"/>
<field name="CREDIT_CAP">0</field>
<field name="PHONBFEXEC">0</field>
<field name="FEE_ACCOUNT_CCY"/>
<field name="STATE"/>
<field name="OUT_NO">1</field>
<field name="TXT_PROJECTEDBALANCE">-500.0</field>
<field name="VALUE_DESCR"/>
<field name="NET_ADDR"/>
<field name="BAL_ADJ_REQ">1</field>
<field name="CASH_RES">0</field>
<field name="SINGLE_NOSTRO">0</field>
<field name="BYPASS_CAMP">0</field>
<field name="ORIG_CUST_NAME">BANK OF AMERICA, N.A. PARIS</field>
<field name="***^Test111">12345Z </field>
<field name="STOPFLAGDR">0</field>
<field name="OPEN_BAL_SRC"/>
<field name="DAY_DD_LIMIT">9999</field>
<field name="HOSTBLCHCK">0</field>
<field name="ReadOnly"/>
<field name="IN_TOTAL">0</field>
<field name="DESCRIPT"/>
<field name="MATCHING_210">0</field>
<field name="REF_SWITCH_210">N</field>
<field name="LIMIT_EXPIRY_DATE"/>
<field name="EXT_CUST_CODE"/>
<field name="LCL_BLCHCK">0</field>
<field name="REC_STATUS">AC</field>
<field name="TEMP_ACCOUNT">0</field>
<field name="PHONE2"/>
<field name="DEF_CONTACT"/>
<field name="DESCRIPTION_DEBIT"/>
<field name="X90_TO_SENDER">0</field>
<field name="GLOBAL_DR">0</field>
<field name="FEE_ACCOUNT_NO"/>
<field name="TIME_STAMP">2010-05-26 07:48:36.689</field>
<field name="REG_REPORT1"/>
<field name="REASONCR"/>
<field name="LOCATION"/>
<field name="CHRGS_INF"/>
<field name="DESCRIPTION_CREDIT"/>
<field name="BALANCE">-500</field>
<field name="OFFICE">US1</field>
<field name="DEF_CR_CCY"/>
<field name="IS_RESIDENT">0</field>
<field name="ACC_AUTH">0</field>
<field name="USE_HOSTBL">0</field>
```

```
                <field name="CR_LIMIT">0</field>
                <field name="LIQUIDITY_STOP_IND">0</field>
                <field name="ASSET">0</field>
                <field name="ACC_ALIAS"/>
                <field name="REASONDR"/>
                <field name="INCLUDE_IN_STOPRLS_BANDS">0</field>
                <field name="OUT_TOTAL">1500</field>
                <field name="BALANCE_INTERFACE_NAME"/>
                <field name="LIQ_GROUP_IND">0</field>
                <field name="LAST_TIME"/>
                <field name="SOD_COLLAT">0</field>
                <field name="DAILY_INCR">0</field>
                <field name="ADDRESS1"/>
                <field name="ADDRESS2"/>
                <field name="ADDRESS3"/>
                <field name="REL_ACC_OFFICE">US1</field>
                <field name="ACCOUNT_OWNER">BOFAFRPPXXX// - BANK OF AMERICA, N.A. PARIS</field>
                <field name="REL_ACC_NO">4565432</field>
                <field name="TXT_CALCCURRBALANCE">-1500.0</field>
                <field name="CHECK_COLLATERAL">0</field>
                <field name="USE_LEDGER_BAL">0</field>
                <field name="REL_ACC_OWNER"/>
                <field name="SUB_TYPE"/>
                <field name="FAX"/>
                <field name="LAST_MID"/>
                <field name="RECON_INDICATOR">0</field>
            </record>
        </records>
        <feedback xmlns="http://fundtech.com/SCL/StaticDataCommonTypes">
            <compCode>0</compCode>
        </feedback>
    </PerformLoadProfileResponse>
  </soap:Body>
</soap:Envelope>
```

4 Profile Actions Service

4.1 Overview

This service enables a third party application to perform different actions on a static data profile, such as Save, Hold, Delete and Activate. These action buttons are taken from GPP user interface.

4.2 Service Function

This table includes the functions (Static Data Actions) support by this service.

Each of these options is available as an individual service.

Button	Description	Function Name
Save	Saves a new profile entry into the database, or updates an existing one with some new or changed values. Information saved can be values for the generic profile attributes, but also values for Custom Fields configured if configured.	profileSave
Hold	Sets an existing entry to status hold (until a further time is defined by Effective Date attribute)	profileHold
Delete	Deletes (soft delete: set status to DL) a specific entry	profileDelete
Activate	Changes a specific status to AC (active)	profileActivate

Button	Description	Function Name
Decline	Where a profile is pending approval (status PN), reverts to previous values	profileDecline
Approve	Approves a pending profile (status PN) and applies the proposed (pending) new attribute values. Sets new status to AC (active)	profileApprove
N/A	Enables multiple actions on multiple records in a single request. This service can be used for static data uploads. Supports all actions for this service using these values in the **ProfileActionType**: • **SV**: Save • **HD**: Hold • **DL**: Delete • **AC**: Activate • **DC**: Decline • **AP**: Approve Note: When working from several threads against several GPPs, • The sender thread must wait until a request is complete, meaning there is a successful SOAP response for the specific request before sending the 'APPROVE'. • The processing duration of a request to change a profile is significantly longer compared to the processing duration of the APPROVE message. This means that when a request for change and an APPROVE for that profile are sent asynchronously, in most cases the handling of the APPROVE request will finish before the first request is done, and the record will stay in PENDING state. • Apply Changes is NOT relevant in this activity, as the UI displays the database status, and not the cache. This means that there is no need to send apply_changes after each request or approve, in order for the updates to the profiles to appear in the UI. Apply changes is only applied on the cache for processing purposes.	profileMultiActions

4.3 Input

This table includes the input parameters for this service.

Parameter	Tag Name	L	Format	Comment
Header	Header	0		Request Header
Finastra header	+FndtHeader	1		Service Header
Credentials	++Credentials	2		Credentials
User ID	+++UserID	3		A valid GPP user (see List of System Users). User name is case sensitive. Use the exact user name. The user must have these credentials: User exists, and active (status = AC) and not logged in (LOGGED_IN <> 2)

Parameter	Tag Name	L	Format	Comment
User Entitlement code	+++Role	3		A valid GPP Entitlement profile (see List of System Entitlements). Credentials check: The entitlement exists and is assigned to the user logged in. Also, where applicable, the relevant access permission is granted
Body	Body	0		Service Body
Header	+Header	1		Header
User ID	++UserID	2	STRING {0..1}	Audit user only. This input does not go through a validation process. Where applicable, this would be used as the audit user.
Profile ID	+profileID	1	STRING {1..1}	Each profile in GPP has a unique ID. To specify the correct profile for a query, a profile ID must be provided. The list of profiles is defined under MENU_ITEMS system table. For a list of profiles, see Profiles and Profile IDs.
Unique Profile ID	profileUniqueID	String	[1..1]	Each profile in GPP has a unique ID. To specify the correct profile for a query, a profile ID must be provided. For a new profile, this section is empty. The list of profiles is defined under MENU_ITEMS system table. For a list of profiles, , see Profiles and Profile IDs.
Effective date	+effectiveDate	1	String in this format: YYYY-MM-DD hh:mm:ss:ms	When specified date is greater than the local office business date the profile is saved with a future status and will only become effective on that date.
User audit note	+note	1	String	
Time Stamp	+timeStamp	1	String in this format: YYYY-MM-DD hh:mm:ss:ms	
record	Record	1	{1..n}	
Record entry	field name dataType	2	{0..1}	<stat:field name="?" dataType="?">?</stat:field> Note: Generic and Custom fields in the Profile can be listed in these entries with their desired values.
Field**	Field		[1..n]	Static data field type

4.4 Processing

The system processes this service request as follows:

1. The input parameters are validated. When the profile ID cannot be found or is not provided, an error is generated.
2. The list of applicable profile IDs is defined in the system (MENU_ITEMS.ITEM_ID).
3. Profile query is generated.
4. These are valid statuses (selection from system table FIELDS_VALUES with FIELD_TYPE = 'REC_STAT').

This table includes the status codes for this service.

Code	Description
AC	Active
CR	Create
DL	Delete
HL	Hold
NW	New

All relevant attributes are returned.

4.5 Output

This table includes the output parameters for this service.

Parameter	Tag Name	L	Format	Comment
	+compCode	2	NUMBER	A return code, indicating the return error where applicable. **0** means passed successfully
	info	2	STRING	If compCode has a value other than 0, a description of the error

4.6 Error Codes

This table includes the error codes for this service.

Code	Description
28560	Record is not in active status, the action is not permitted
28560	Following required fields are missing in the service call [missing field]

An unsuccessful request generates a response with these elements:

- **compCode**: Contains a relevant error code for the unsuccessful request
- **info**: Contains a description of the error

Note: An error returned for any action on any record in a **ProfileMultiActions** request causes the system to rollback all actions on all records in the request to their original states.

For more information, see [Generic Error Codes](#).

4.7 Examples

4.7.1 Activate Profile

4.7.1.1 Request

This request contains a ==profile ID== and a ==unique identification code==.

```xml
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
xmlns:q0="http://fundtech.com/SCL/ProfileActionsService"
xmlns:q1="http://fundtech.com/SCL/StaticDataCommonTypes"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
<soapenv:Header>
<q2:FndtHeader xmlns:q2="http://fundtech.com/SCL/CommonTypes">
<q2:credentials>
  <q2:UserID>YONIS</q2:UserID>
  <q2:Role>DEMOSOA</q2:Role>
  </q2:credentials>
  </q2:FndtHeader>
  </soapenv:Header>
<soapenv:Body>
<q0:ProfileActivateRequest>
<q1:header>
 <q1:UserID>YONIS</q1:UserID>
  <q1:Role>DEMOSOA</q1:Role>
  </q1:header>
  <q0:profileID>191</q0:profileID>
  <q0:effectiveDate>2009-04-05</q0:effectiveDate>
  <q0:profileRecordUniqueID>PARTIES1</q0:profileRecordUniqueID>
  </q0:ProfileActivateRequest>
  </soapenv:Body>
  </soapenv:Envelope>
```

4.7.1.2 Response

This is a response for this service.

```xml
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
 xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
 <soap:Body
   xmlns:ns1="http://fundtech.com/SCL/ProfileActionsService">
  <ProfileActivateResponse
    xmlns="http://fundtech.com/SCL/ProfileActionsService">
   <compCode
    xmlns="http://fundtech.com/SCL/StaticDataCommonTypes">0</compCode>
   <info xmlns="http://fundtech.com/SCL/StaticDataCommonTypes"/>
  </ProfileActivateResponse>
 </soap:Body>
</soap:Envelope>
```

4.7.2 Approve Profile

4.7.2.1 Request

This request contains a ==profile ID== and a ==unique identification code==.

```xml
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
xmlns:q0="http://fundtech.com/SCL/ProfileActionsService"
xmlns:q1="http://fundtech.com/SCL/StaticDataCommonTypes"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
<soapenv:Header>
<q2:FndtHeader xmlns:q2="http://fundtech.com/SCL/CommonTypes">
<q2:credentials>
  <q2:UserID>YONIS</q2:UserID>
```

```
   <q2:Role>DEMOSOA</q2:Role>
   </q2:credentials>
   </q2:FndtHeader>
   </soapenv:Header>
<soapenv:Body>
<q0:ProfileApproveRequest>
<q1:header>
 <q1:UserID>YONIS</q1:UserID>
   <q1:Role>DEMOSOA</q1:Role>
   </q1:header>
   <q0:profileID>191</q0:profileID>
   <q0:effectiveDate>2009-04-05</q0:effectiveDate>
   <q0:profileRecordUniqueID>PRO123</q0:profileRecordUniqueID>
   </q0:ProfileApproveRequest>
   </soapenv:Body>
   </soapenv:Envelope>
```

4.7.2.2 Response

This is a response for this service.

```
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
 xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
 <soap:Body
   xmlns:ns1="http://fundtech.com/SCL/ProfileActionsService">
  <ProfileApproveResponse
    xmlns="http://fundtech.com/SCL/ProfileActionsService">
   <compCode
   xmlns="http://fundtech.com/SCL/StaticDataCommonTypes">0</compCode>
   <info xmlns="http://fundtech.com/SCL/StaticDataCommonTypes"/>
  </ProfileApproveResponse>
 </soap:Body>
</soap:Envelope>
```

4.7.3 Decline Profile

4.7.3.1 Request

This request contains a profile ID and a unique identification code.

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
xmlns:q0="http://fundtech.com/SCL/ProfileActionsService"
xmlns:q1="http://fundtech.com/SCL/StaticDataCommonTypes"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
<soapenv:Header>
<q2:FndtHeader xmlns:q2="http://fundtech.com/SCL/CommonTypes">
<q2:credentials>
  <q2:UserID>YONIS</q2:UserID>
  <q2:Role>DEMOSOA</q2:Role>
  </q2:credentials>
  </q2:FndtHeader>
  </soapenv:Header>
<soapenv:Body>
<q0:ProfileDeclineRequest>
<q1:header>
 <q1:UserID>YONIS</q1:UserID>
  <q1:Role>DEMOSOA</q1:Role>
  </q1:header>
  <q0:profileID>191</q0:profileID>
  <q0:effectiveDate>2009-04-05</q0:effectiveDate>
  <q0:profileRecordUniqueID>PR789</q0:profileRecordUniqueID>
  </q0:ProfileDeclineRequest>
  </soapenv:Body>
  </soapenv:Envelope>
```

4.7.3.2 Response

This is a response for this service.

```xml
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
 xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
 <soap:Body
   xmlns:ns1="http://fundtech.com/SCL/ProfileActionsService">
  <ProfileDeclineResponse
    xmlns="http://fundtech.com/SCL/ProfileActionsService">
   <compCode
    xmlns="http://fundtech.com/SCL/StaticDataCommonTypes">0</compCode>
   <info xmlns="http://fundtech.com/SCL/StaticDataCommonTypes"/>
  </ProfileDeclineResponse>
 </soap:Body>
</soap:Envelope>
```

4.7.4 Delete Profile

4.7.4.1 Request

This is a request contains a <mark>profile ID</mark> and a <mark>unique identification code</mark>.

```xml
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
xmlns:q0="http://fundtech.com/SCL/ProfileActionsService"
xmlns:q1="http://fundtech.com/SCL/StaticDataCommonTypes"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
<soapenv:Header>
<q2:FndtHeader xmlns:q2="http://fundtech.com/SCL/CommonTypes">
<q2:credentials>
  <q2:UserID>YONIS</q2:UserID>
  <q2:Role>DEMOSOA</q2:Role>
  </q2:credentials>
  </q2:FndtHeader>
  </soapenv:Header>
<soapenv:Body>
<q0:ProfileDeleteRequest>
<q1:header>
 <q1:UserID>YONIS</q1:UserID>
  <q1:Role>DEMOSOA</q1:Role>
  </q1:header>
  <q0:profileID>191</q0:profileID>
  <q0:effectiveDate>2009-04-05</q0:effectiveDate>
  <q0:profileRecordUniqueID>PARTIES1</q0:profileRecordUniqueID>
  </q0:ProfileDeleteRequest>
  </soapenv:Body>
  </soapenv:Envelope>
```

4.7.4.2 Response

This is a response for this service.

```xml
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
 xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
 <soap:Body
   xmlns:ns1="http://fundtech.com/SCL/ProfileActionsService">
  <ProfileDeleteResponse
    xmlns="http://fundtech.com/SCL/ProfileActionsService">
   <compCode
    xmlns="http://fundtech.com/SCL/StaticDataCommonTypes">0</compCode>
   <info xmlns="http://fundtech.com/SCL/StaticDataCommonTypes"/>
  </ProfileDeleteResponse>
 </soap:Body>
</soap:Envelope>
```

4.7.5 Hold Profile

4.7.5.1 Request

This request contains a <mark>profile ID</mark>, a <mark>unique identification code</mark>, and an <mark>effective date</mark>.

```xml
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
xmlns:q0="http://fundtech.com/SCL/ProfileActionsService"
xmlns:q1="http://fundtech.com/SCL/StaticDataCommonTypes"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
<soapenv:Header>
<q2:FndtHeader xmlns:q2="http://fundtech.com/SCL/CommonTypes">
<q2:credentials>
  <q2:UserID>YONIS</q2:UserID>
  <q2:Role>DEMOSOA</q2:Role>
  </q2:credentials>
  </q2:FndtHeader>
  </soapenv:Header>
<soapenv:Body>
<q0:ProfileHoldRequest>
<q1:header>
 <q1:UserID>YONIS</q1:UserID>
  <q1:Role>DEMOSOA</q1:Role>
  </q1:header>
  <q0:profileID>191</q0:profileID>
  <q0:effectiveDate>2009-04-05</q0:effectiveDate>
  <q0:profileRecordUniqueID>PARTIES1</q0:profileRecordUniqueID>
  </q0:ProfileHoldRequest>
  </soapenv:Body>
  </soapenv:Envelope>
```

4.7.5.2 Response

This is a response for this service.

```xml
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
 xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
 <soap:Body
  xmlns:ns1="http://fundtech.com/SCL/ProfileActionsService">
  <ProfileHoldResponse
   xmlns="http://fundtech.com/SCL/ProfileActionsService">
   <compCode
   xmlns="http://fundtech.com/SCL/StaticDataCommonTypes">0</compCode>
   <info xmlns="http://fundtech.com/SCL/StaticDataCommonTypes"/>
  </ProfileHoldResponse>
 </soap:Body>
</soap:Envelope>
```

4.7.6 Save Profile – New

4.7.6.1 Request

This request contain a profile ID (**27** for BANKS), which is the Office profile, and a list of mandatory attributes.

```xml
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:prof="http://fundtech.com/SCL/ProfileActionsService"
xmlns:stat="http://fundtech.com/SCL/StaticDataCommonTypes">
   <soap:Header>
 <q2:FndtHeader xmlns:q2="http://fundtech.com/SCL/CommonTypes">
 <q2:credentials>
  <q2:UserID>HANA1</q2:UserID>
  <q2:Role>MASTER</q2:Role>
  </q2:credentials>
  </q2:FndtHeader>
  </soap:Header>
   <soap:Body>
     <prof:ProfileSaveRequest>

        <prof:profileID>27</prof:profileID>
<prof:effectiveDate>2009-04-05</prof:effectiveDate>

        <prof:record>
```

```
          <stat:field dataType="" name="BANKS.UID_BANKS">BBB</stat:field>
          <stat:field dataType="" name="BANKS.OFFICE">BBB</stat:field>
          <stat:field dataType="" name="BANKS.CALNAME">BBB</stat:field>
          <stat:field dataType="" name="BANKS.CURRENCY">EUR</stat:field>
          <stat:field dataType="" name="BANKS.COUNTRYCODE">GB</stat:field>
          <stat:field dataType="" name="BANKS.OFFC_NAME">GB</stat:field>
        </prof:record>
      </prof:ProfileSaveRequest>
    </soap:Body>
</soap:Envelope>
```

4.7.6.2   Response

This is a response for this service.

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
    <soap:Body xmlns:ns1="http://fundtech.com/SCL/ProfileActionsService">
      <ProfileSaveResponse xmlns="http://fundtech.com/SCL/ProfileActionsService">
        <compCode xmlns="http://fundtech.com/SCL/StaticDataCommonTypes">0</compCode>
        <info xmlns="http://fundtech.com/SCL/StaticDataCommonTypes"/>
      </ProfileSaveResponse>
    </soap:Body>
</soap:Envelope>
```

4.7.7   Save Profile - Update

4.7.7.1   Request – only with generic profile fields

This request updates the country code of the profile to IN.

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
xmlns:q0="http://fundtech.com/SCL/ProfileActionsService"
xmlns:q1="http://fundtech.com/SCL/StaticDataCommonTypes"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
<soapenv:Header>
<q2:FndtHeader xmlns:q2="http://fundtech.com/SCL/CommonTypes">
<q2:credentials>
  <q2:UserID>YONIS</q2:UserID>
  <q2:Role>DEMOSOA</q2:Role>
  </q2:credentials>
  </q2:FndtHeader>
  </soapenv:Header>
<soapenv:Body>
<q0:ProfileSaveRequest>
        <q1:header>
                <q1:UserID>YONIS</q1:UserID>
                <q1:Role>DEMOSOA</q1:Role>
        </q1:header>
  <q0:profileID>191</q0:profileID>
  <q0:effectiveDate>2009-04-05</q0:effectiveDate>
<q0:record>
  <q1:field dataType="" name="CUSTOMRS.CUST_CODE">PARTIES1</q1:field>
  <q1:field dataType="" name="CUSTOMRS.OFFICE">BBB</q1:field>
  <q1:field dataType="" name="CUSTOMRS.DEPARTMENT">BBC</q1:field>
  <q1:field dataType="" name="CUSTOMRS.CUST_NAME">Name1</q1:field>
  <q1:field dataType="" name="CUSTOMRS.COUNTRYCODE">IN</q1:field>
  <q1:field dataType="" name="CUSTOMRS.CUST_TYPE">BK</q1:field>
   </q0:record>
  </q0:ProfileSaveRequest>
  </soapenv:Body>
  </soapenv:Envelope>
```

4.7.7.2   Response

This is a response for this service.

```
<?xml version="1.0" encoding="UTF-8"?>
```

```xml
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
 xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
 <soap:Body
   xmlns:ns1="http://fundtech.com/SCL/ProfileActionsService">
  <ProfileSaveResponse
    xmlns="http://fundtech.com/SCL/ProfileActionsService">
   <compCode
   xmlns="http://fundtech.com/SCL/StaticDataCommonTypes">0</compCode>
   <info xmlns="http://fundtech.com/SCL/StaticDataCommonTypes"/>
  </ProfileSaveResponse>
 </soap:Body>
</soap:Envelope>
```

The ProfileSaveRequest can update a User Defined Field (UDF) in a specified profile.

4.7.7.3   Request – including generic and Custom (UDFs) profile fields

The following is a ProfileSaveRequest example that updates the Test111 UDF in the specified profile.

```xml
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:prof="http://fundtech.com/SCL/ProfileActionsService"
xmlns:stat="http://fundtech.com/SCL/StaticDataCommonTypes">
    <soap:Header>
        <q2:FndtHeader xmlns:q2="http://fundtech.com/SCL/CommonTypes">
            <q2:credentials>
                <q2:UserID>ADMIN11</q2:UserID>
                <q2:Role>ALL2</q2:Role>
            </q2:credentials>
        </q2:FndtHeader>
    </soap:Header>
    <soap:Body>
        <prof:ProfileSaveRequest>
            <prof:profileID>191</prof:profileID>
            <prof:effectiveDate>2010-09-10</prof:effectiveDate>
            <prof:record>
                <!--1 or more repetitions:-->
                <stat:field dataType="" name="CUSTOMRS.CUST_CODE">NZ1SADEESH29</stat:field>
                <stat:field dataType="" name="CUSTOMRS.CUST_TYPE">CU</stat:field>
                <stat:field dataType="" name="CUSTOMRS.FULL_NAME">Sadeesh Venugopal</stat:field>
                <stat:field dataType="" name="CUSTOMRS.OFFICE">NZ1</stat:field>
                <stat:field dataType="" name="CUSTOMRS.DEPARTMENT">NZ1</stat:field>
                <stat:field dataType="" name="CUSTOMRS.COUNTRYCODE">NZ</stat:field>
                <stat:field dataType="" name="***^Test111">12345Z</stat:field>
            </prof:record>
        </prof:ProfileSaveRequest>
    </soap:Body>
</soap:Envelope>
```

4.7.7.4   Response

The following is a ProfileSaveResponse example for a UDF update.

```xml
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
   <env:Header xmlns:env="http://www.w3.org/2003/05/soap-envelope"/>
   <soap:Body>
      <ProfileSaveResponse xmlns="http://fundtech.com/SCL/ProfileActionsService">
         <compCode xmlns="http://fundtech.com/SCL/StaticDataCommonTypes">0</compCode>
         <info xmlns="http://fundtech.com/SCL/StaticDataCommonTypes"/>
      </ProfileSaveResponse>
   </soap:Body>
</soap:Envelope>
```

4.7.8 Profile Multi Actions

The ProfileActionsService ProfileMultiActions request enables the system to perform multiple actions on multiple records in a single request.

- Multiple Actions Request shows a ProfileMultiActions request example.

- Multiple Actions Response shows a ProfileMultiActions response example.

Based on MaxAllowedErrors, error/s returned for any action on any record in a ProfileMultiActions request causes GPP to stop processing. When the MaxAllowedErrors limit is reached then the process stops but does not rollback the records.

4.7.8.1 Multiple Actions Request

This ProfileMultiActions request shows these actions:

- **Save**: Indicated by **SV** in the **action** attribute of the **record** element. The request saves a new profile entry in the database with the specified values.

- **Hold**: Indicated by **HD** in the **action** attribute of the **record** element. The request sets the specified profile entry with a **HOLD** status.

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:prof="http://fundtech.com/SCL/ProfileActionsService"
xmlns:stat="http://fundtech.com/SCL/StaticDataCommonTypes">
    <soap:Header>
       <q2:FndtHeader xmlns:q2="http://fundtech.com/SCL/CommonTypes">
          <q2:credentials>
           <q2:UserID>ADMIN6</q2:UserID>
           <q2:Role>ADMIN</q2:Role>
           </q2:credentials>
       </q2:FndtHeader>
    </soap:Header>
    <soap:Body>
       <prof:ProfileMultiActionsRequest>
          <stat:header>
             <stat:UserID>U_AUDIT</stat:UserID>
          </stat:header>
          <prof:profileID>459</prof:profileID>
          <prof:effectiveDate>2010-11-17</prof:effectiveDate>
          <prof:enableMaxAllowedErrors>true</prof:enableMaxAllowedErrors>
          <prof:maxAllowedErrors>1</prof:maxAllowedErrors>
          <prof:records>
          <stat:record action="SV" >
             <stat:field name="OFFICE" >US1</stat:field>
             <stat:field name="DEPARTMENT" >PSV</stat:field>
             <stat:field name="CUST_CODE" >ABCD</stat:field>
             <stat:field name="COMPANY.BUS_REG_NO" >12345</stat:field>
          </stat:record>
          <stat:record action="HD" >
             <stat:field name="OFFICE" >US1</stat:field>
             <stat:field name="DEPARTMENT" >PSV</stat:field>
             <stat:field name="CUST_CODE" >ABCD</stat:field>
             <stat:field name="BUS_REG_NO" >12345</stat:field>
          </stat:record>
          </prof:records>
       </prof:ProfileMultiActionsRequest>
    </soap:Body>
</soap:Envelope>
```

4.7.8.2 Multiple Actions Response

This ProfileMultiActions response shows a successful completion to a request, which is indicated by a **0** value in the **returnCode** element.

```
<ProfileMultiActionsResponse>
    <returnCode>0</returnCode>
    <description></description>
```

```
        <errorsList>
            <error>
                <code></code>
                <description></description>
            </error>
        </errorsList>
</ProfileMultiActionsResponse>
```

5 Profile List Service

5.1 Overview

The Get Profile List service enables a third party application to retrieve any related reference data (also known as profiles in GPP) by providing a set of query criteria. The service assesses the relevant selected profile and returns the matching results. For example, from the Parties profile, get a list of parties (BIC, party name and address) where BIC is like 'FNDTGB22%'. The service response would be all entries from the Parties profiles that meet this search criterion.

5.2 Service Function

This service supports the getProfileList function.

5.3 Input

This table includes the input parameters for this service.

Parameter	Tag Name	L	Format	Comment
Header	Header	0		Request Header
D+H Header	+FndtHeader	1		Service Header
Credentials	++Credentials	2		Credentials
User ID	+++UserID	3		A valid GPP user (see List of System Users). User name is case sensitive. Use the exact user name. The user must have these credentials: User exists, and active (status = AC) and not logged in (LOGGED_IN <> 2)
User Entitlement code	+++Role	3		A valid GPP Entitlement profile (see List of System Entitlements). Credentials check: The entitlement exists and is assigned to the user logged in. Also, where applicable, the relevant access permission is granted
Body	Body	0		Service Body
Header	+Header	1		Header
User ID	++UserID	2	STRING {0..1}	Audit user only. This input does not go through a validation process. Where applicable, this would be used as the audit user.
Profile ID	+profileID	1	STRING {1..1}	Each profile in GPP has a unique ID. To specify the correct profile for a query, a profile ID must be provided. The list of

Parameter	Tag Name	L	Format	Comment
				profiles is defined under MENU_ITEMS system table. For a list of frequently used profiles, see Frequently Used Profiles. For a complete list, see Profiles and Profile IDs.
Searching filter	+ profileFilter	1	{0..n}	Optional. An ability to define search criteria over the profile query. When not provided, all the queried profile fields return
aggregationMethod	++ aggregationMethod	2	ALL, ANY {1..1}	When more than 1 criterion is set, specifies the relationship between the different conditions. Either **ALL** (where all criteria must be met) or **ANY** where at least one of the criteria must be met
Condition	+++condition	3		
Field name	+++ fieldname	3	STRING {1..1}	Field name must include the full database field name (i.e. table name, then field name). The list of applicable fields per profile is detailed in GPP data model. Example: <prof:fieldName>ACCOUNTS.CURRENCY</prof:fieldName>
Operator	+++ operator	3	Equal, Like, Greater Than, Less Than, Between, Starts With,Ends With {1..1}	The operator element is comprised of 2 fields. A true/false indicator to state whether 'not' is used (for example: not like …). The second indication is of the operator, which is only one of the specified available operators. Example: <prof:operator Not="false">Equal</prof:operator> Note: Operators are case sensitive
Field value	+++ fieldValue	3	STRING {1..1}	Field value. Example: <prof:fieldValue>EUR</prof:fieldValue>
Required columns in response	++ requiredColumns	2	{0..n}	Specifies the return columns for the response. When not specified, the response includes all profile columns.
Column name	+++Column	3	STRING {0..1}	Specifies the column full name. Example: ACCOUNTS.CURRENCY Optional. The list of applicable columns is defined in a system table (SD_PROFILE_FIELDS.AVAILABLE_FOR_LIST_VIEW).

Parameter	Tag Name	L	Format	Comment
				When not defined, the system uses the default list of columns (SD_PROFILE_FIELDS. MANDATORY_IN_LIST_VIEW).
				See the GPP SOA Static Data Fields Reference Document for further reference.

5.4 Processing

The system processes this service request as follows:

1. The input parameters are validated. When the profile ID cannot be found, an error is generated.
2. Required columns are checked. If a column is not found the database, it is ignored and a relevant log entry is made in **nonExistCols**.
3. Profile query is generated.
4. Results are returned (where no preferred columns were defined, return all profile columns).

5.5 Output

This table includes the output parameters for this service.

Parameter	Tag Name	L	Format	Comment
Records	record	0	{0..n}	Record – result entry
Field		1		Result columns specification
Field Name	+name	2	{1..1}	Specifies the column name (logical field ID)
Data Type	+dataType	2	{1..1}	Sepcifies the column data type. May be STRING,
Entry value		2	{0..1}	Value of the field
Summary	Feedback	1		Result summary
	+compCode	2	NUMBER	A return code, indicating the return error where applicable. 0 means passed successfully.

Note: If no columns are specified in **requiredColumns**, the list of all profile fields where a default is provided is followed by a **VIRTUAL.UID**, which contains a unique entry ID. This is also stated under the profile UID field.

5.6 Error Codes

This table includes the error codes for this service.

Code	Description	
40208	Invalid Filter, these columns are not applicable: [requested columns which do not exist]	
40232	Profile with ID [Profile ID] does not exist	
28560	String value 'EQUAL' is not a valid enumeration value for FilterOperatorType in namespace http://fundtech.com/SCL/ProfileListService	The operator is case sensitive

An unsuccessful request generates a response with these elements:

- **compCode**: Contains a relevant error code for the unsuccessful request

- **info**: Contains a description of the error

For more information, see Generic Error Codes.

5.7 Examples

5.7.1 List Profile Request

This request contains a profile ID (**28**) and currency (**EUR**), and requests to return these columns ACC_NO, DEPARTMENT, and ACC_TYPE, ALIAS.

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:prof="http://fundtech.com/SCL/ProfileListService"
xmlns:stat="http://fundtech.com/SCL/StaticDataCommonTypes">
   <soap:Header>
       <q2:FndtHeader xmlns:q2="http://fundtech.com/SCL/CommonTypes">
                   <q2:credentials>
                           <q2:UserID>YONIS</q2:UserID>
                           <q2:Role>ADMIN</q2:Role>
                   </q2:credentials>
           </q2:FndtHeader>
   </soap:Header>
   <soap:Body>
     <prof:ProfileListRequest>
        <!--Optional:-->
        <stat:header>
           <stat:UserID>audit</stat:UserID>
        </stat:header>
        <prof:profileID>28</prof:profileID>


  <prof:profileFilter aggregationMethod="ALL">
          <!--1 or more repetitions:-->
        <prof:condition>
               <prof:fieldName>ACCOUNTS.CURRENCY</prof:fieldName>
               <prof:operator Not="false">Equal</prof:operator>
               <prof:fieldValue>EUR</prof:fieldValue>
           </prof:condition>
        </prof:profileFilter>
   <prof:requiredColumns>
           <!--1 or more repetitions:-->
        <prof:column>ACCOUNTS.ACC_NO</prof:column>
         <prof:column>ACCOUNTS.DEPARTMENT</prof:column>
         <prof:column>ACCOUNTS.ACC_TYPE</prof:column>
         <prof:column>ACCOUNTS.ACC_ALIAS</prof:column>
    </prof:requiredColumns>
```

```
            </prof:ProfileListRequest>
        </soap:Body>
    </soap:Envelope>
```

5.7.2 List Profile Response

This is a response for this service.

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
    <soap:Body xmlns:ns1="http://fundtech.com/SCL/ProfileListService">
        <ProfileListResponse xmlns="http://fundtech.com/SCL/ProfileListService">
            <records xmlns="http://fundtech.com/SCL/StaticDataCommonTypes">
                <record>
                    <field name="ACCOUNTS.ACC_NO" dataType="STRING">55559987</field>
                    <field name="ACCOUNTS.DEPARTMENT" dataType="STRING">PSV</field>
                    <field name="ACCOUNTS.ACC_TYPE" dataType="STRING">NOS</field>
                    <field name="ACCOUNTS.ACC_ALIAS" dataType="STRING"/>
                </record>
                <record>
                    <field name="ACCOUNTS.ACC_NO" dataType="STRING">0500013002606</field>
                    <field name="ACCOUNTS.DEPARTMENT" dataType="STRING">PSV</field>
                    <field name="ACCOUNTS.ACC_TYPE" dataType="STRING">DDA</field>
                    <field name="ACCOUNTS.ACC_ALIAS" dataType="STRING"/>
                </record>
                <record>
                    <field name="ACCOUNTS.ACC_NO" dataType="STRING">1234567890</field>
                    <field name="ACCOUNTS.DEPARTMENT" dataType="STRING">PSV</field>
                    <field name="ACCOUNTS.ACC_TYPE" dataType="STRING">DDA</field>
                    <field name="ACCOUNTS.ACC_ALIAS" dataType="STRING"/>
                </record>
                <record>
                    <field name="ACCOUNTS.ACC_NO" dataType="STRING">1500013002606</field>
                    <field name="ACCOUNTS.DEPARTMENT" dataType="STRING">PSV</field>
                    <field name="ACCOUNTS.ACC_TYPE" dataType="STRING">DDA</field>
                    <field name="ACCOUNTS.ACC_ALIAS" dataType="STRING"/>
                </record>
                <record>
                    <field name="ACCOUNTS.ACC_NO" dataType="STRING">111222333</field>
                    <field name="ACCOUNTS.DEPARTMENT" dataType="STRING">PSV</field>
                    <field name="ACCOUNTS.ACC_TYPE" dataType="STRING">DDA</field>
                    <field name="ACCOUNTS.ACC_ALIAS" dataType="STRING"/>
                </record>
                <record>
                    <field name="ACCOUNTS.ACC_NO" dataType="STRING">8552502</field>
                    <field name="ACCOUNTS.DEPARTMENT" dataType="STRING">PSV</field>
                    <field name="ACCOUNTS.ACC_TYPE" dataType="STRING">VOS</field>
                    <field name="ACCOUNTS.ACC_ALIAS" dataType="STRING"/>
                </record>
                <record>
                    <field name="ACCOUNTS.ACC_NO" dataType="STRING">8255000DT3410S8</field>
                    <field name="ACCOUNTS.DEPARTMENT" dataType="STRING">PSV</field>
                    <field name="ACCOUNTS.ACC_TYPE" dataType="STRING">DAA</field>
                    <field name="ACCOUNTS.ACC_ALIAS" dataType="STRING"/>
                </record>
                <record>
                    <field name="ACCOUNTS.ACC_NO" dataType="STRING">8255000DT3410S7</field>
                    <field name="ACCOUNTS.DEPARTMENT" dataType="STRING">PSV</field>
                    <field name="ACCOUNTS.ACC_TYPE" dataType="STRING">DAA</field>
                    <field name="ACCOUNTS.ACC_ALIAS" dataType="STRING"/>
                </record>
                <record>
                    <field name="ACCOUNTS.ACC_NO" dataType="STRING">11199988877</field>
                    <field name="ACCOUNTS.DEPARTMENT" dataType="STRING">PSV</field>
                    <field name="ACCOUNTS.ACC_TYPE" dataType="STRING">DDA</field>
                    <field name="ACCOUNTS.ACC_ALIAS" dataType="STRING"/>
                </record>
            </records>
```

```
        <feedback xmlns="http://fundtech.com/SCL/StaticDataCommonTypes">
            <compCode>0</compCode>
        </feedback>
    </ProfileListResponse>
  </soap:Body>
</soap:Envelope>
```

6 Generic Error Codes

This table includes the GPP generic error codes for static data services.

Code	Description	
28560	An error has occurred while trying to perform this action	Generic Error
40207	No user credentials were found	
1	Missing mandatory request fields: [missing information]	Validation error
0	Successful Request	

An unsuccessful request generates a response with these elements:

- **compCode**: Contains a relevant error code for the unsuccessful request
- **info**: Contains a description of the error

7 System Users, Profiles & DB Maintenance Queries

7.1 System Users

GPP users are accessed via the **System User** menu in the GPP GUI. For more information, see the GPP Online Help.

7.2 System Entitlements

GPP users are associated with a specific entitlement. An Entitlement profile is a profile in GPP that is accessed via the **Entitlement** menu in the GPP GUI. For more information, see the GPP Online Help.

7.3 Profiles and Profile IDs

This table includes the GPP profiles and their profile ID.

Profile ID	Profile Name	Description
2	Outgoing File Summary	Outgoing File Summary
3	System Users	System Users
4	User Absence	Suspend user from log into the system
6	Access Class	Access level profile
7	Departments Class	Department entitlement class
8	Message Types Level Profile	Message Types entitlement class
9	Queue Level Profile	Statuses and filters entitlement class

Profile ID	Profile Name	Description
13	Alerts Classes	Alert entitlement class
16	Standing Order	Standing Order
25	Currency Preferences	Currency Preferences
26	Cut-off Times	Cutoff Times
27	Offices	Local Offices
28	Accounts	Accounts
29	National Clearing Codes	National Clearing Codes
30	Exchange Rate	Exchange Rate Data
32	Method of Payment	Method of Payment
33	Memberships	Memberships
34	Settlement Instructions	Bank Routing
39	Rate Usage	Rate Usage
40	Payment Types	Payment Types
41	Party Limits	Party Limits
45	Products	Products
46	Departments	Departments
47	Alerts	Alerts
48	Sender Credit Line	Sender Credit Line
49	Calendars	Calendars
50	Country Info	Country Info
51	Currency Info	Currency Info
53	User Codes	User Codes
54	System Parameters	System Parameters
55	Account Types	Account Types
58	Country Preferences	Country Preferences
75	Transaction Codes	Transaction Codes
76	Message Field Verification	Field Verification Profile
78	Business Areas	Business Areas
79	Bulking	Bulking
80	Mandate	Mandate

Profile ID	Profile Name	Description
82	Transfer Method	Transfer Method
114	Stop Flags	Stop Flags
128	Value List Codes	Value List Codes for Business Rule
136	Value List Types	Value List Types for Business Rule
142	Profile Control	Profile Control
183	Time Zone	Time Zone
188	Identifiers	Identifiers
191	Parties	Parties
193	Apply Changes	Apply Changes
195	System Log	Error Log
206	Activity Log	Activity Log
228	Fee Types	Fee Types
414	Currency Pairs	Exchange Rate Info
415	Fee Formulas	Fee Formulas
424	Override STP	Override STP
427	SWIFT RMA	SWIFT RMA - Relationship Management Application
428	Data Manipulation	Data manipulation profile
430	Debit Authorization	Debit Authorization
432	Incoming File Summary	Incoming File Summary
435	Sender Credit Line Activity	Sender credit line activity
443	Reject/Return Codes	Reject/Return Codes
444	Advices	Advices
446	Customized Field Settings	User Defined Fields
447	Value List	Value List Codes for User Defined Fields
449	Message Codeword	Codeword
450	Character Set	Character Set
455	Service Level Agreement	Service Level Agreement
456	Interfaces	Interfaces
457	Internal Errors and Audit	Internal Errors and Audit
458	Account Additional Owners	Account Additional Owners

Profile ID	Profile Name	Description
459	Company	Company
460	Party Identifier Enrichment	Party Identifier Enrichment
461	Events Management	Events Management
463	Client IDs	Client IDs
464	Vendor Codes	Vendor Codes
466	Net Settlement Messages	Net Settlement Messages
467	Message Interactions	Message Interactions
469	Interest Types	Interest Types
470	Interest Rates	Interest Rates

7.4 Profile Fields

This section provides tables listing the fields and descriptions for Profiles which can be used by the ProfileActionsService. These tables/fields are example for some of the profiles used for upload. For additional fields or profiles refer to the GPP Database Schema.

7.4.1 Exchange Rate Profile (EXCHRATE_BU Table)

Pre-requisite for exchange rate upload is definition of currencies and the currency pairs in the Currency Pair profile.

Name	Type	Mandatory	Description
CCY1	Char(3)	Yes	Convert From currency (ISO code)
CCY2	Char(3)	Yes	Convert To currency (ISO code)
CCY_PAIR	Char(6)	No	A unique name for the currency pair created by concatenating the names of the two currencies in the pair in alphabetical order.
OFFICE	Char(3)	Yes	Office code to which the profile belongs
RATE_TYPE	Varchar2(10)	Yes	The exchange rate type taken from the rate type profile
HIGH_RATE	Number(16,8)	No	Rate used when the bank sells a unit of Currency 1, to buy Currency 2
LOW_RATE	Number(16,8)	No	Rate used when the bank buys a unit of Currency 1, to sell Currency 2
VALID_DATE_TIME	Date (ISO format)	No	The date and time the profile information will be valid
EFFECTIVE_DATE	Date (ISO format)	No	Rate effective date
DEPARTMENT	Char(3)	No	Office Department
MID_RATE	Number(16,8)	No	For each currency pair the system holds a Low Rate and a High Rate.

Name	Type	Mandatory	Description
			Alternatively, the system may hold the Mid Rate, Spread Up and Spread down. In this case: High Rate = Mid Rate + Spread Up Low Rate = Mid Rate – Spread Down
SPREAD_UP	Number(16,8)	No	The spread value (Sell spread) is added to the Mid Rate to calculate the Sell rate (high rate), when the system parameter SHOWSPREAD is set to YES
SPREAD_DOWN	Number(16,8)	No	The spread value (Buy spread) is subtracted from the Mid Rate to calculate the Buy rate (low rate), when the system parameter SHOWSPREAD is set to YES

Note: ** Either provide Sell/Buy Rate or provide Mid Rate plus Sell/Buy Spread

7.4.2 Settlement Instruction Profile (Bank Routing table)

Name	Type	Mandatory	Description
DESTINATION	Varchar2(11)	Yes	The BIC of the Destination bank
AGENT	Varchar2(11)	Yes	The BIC of the provisional agent through which the payment will be effected.
TRANSFER_METHOD	Char(1)	Yes	Possible values: • Serial Direct message funds via a third bank • Cover: Direct cover message transfer from bank to bank, with funds transfer via a third bank • Serial/Cover Control: the transfer method will be determined by the Serial/Cover Control Profile according to destination country and currency
OFFICE	Char(3)	Yes	Office code to which the profile belongs
DEPARTMENT	Char(3)	Yes	Department code to which the profile belongs
CURRENCY	Char(3)	No	A currency code selected from the currency list. If not selected, routing operates for all currencies.
MSG_TYPE	Varchar2(10)	No	An optional message type selected from the list. Enables the definition of a routing agent per message type. If empty, routing operates for all MT's.
EFFECTIVE_DATE	DATE (ISO format)	No	Bank Routing Profile effective date

7.4.3 User Codes Profile

Name	Type	Mandatory	Description
REASON_TYPE	VARCHAR2(10)	Yes	Reason Type code.
REASONCODE	VARCHAR2(30)	Yes	Code
REASON_DESCRIPTION	VARCHAR2(200)	Yes	Short description about the user code
QUALIFIER	VARCHAR2(10)	No	Optional User code selected from the list such that the reason type matches the qualifier type of the reason type selected in field 1.

7.4.4 Value List Types for Rules Profile

Name	Type	Mandatory	Description
DEPARTMENT	Char(3)	Yes	Profile Department
LIST_ID	VARCHAR2(8)	Yes	Identifier
DESCRIPTION	VARCHAR2(30)	Yes	Short description about the List Type
EXT_LIST	NUMBER(1,0)	Yes	Possible Values: 0 = No 1 =Yes (Default)
Office	Char(3)	No	Office code which the profile belongs
MANUAL_UPDATE	NUMBER(1,0)	No	Possible Values: 0 = No (Default) 1 = Yes
EXT_LIST	NUMBER(1,0)	No	Possible Values: 0 = No 1=Yes (Default)
SWFPARTNER	VARCHAR2(15)	No	Swift Partner ID

7.4.5 Value List for Rules Profile

Name	Type	Mandatory	Description
DEPARTMENT	Char(3)	Yes	Profile Department
LIST_ID	VARCHAR2(8)	Yes	Identifier
LIST_VALUE	VARCHAR2(255)	Yes	List Value

7.4.6 Codeword Profile

Name	Type	Mandatory	Description
TAG	CHAR(3)	Yes	The field identifier in a payment message.
CODEWORD	VARCHAR2(8)	Yes	The text of the codeword.

Name	Type	Mandatory	Description
MSG_TYPE	VARCHAR2(10)	Yes	The message type identifier of message types supported in the system.
QUEUEWITHNOTEXT	VARCHAR2(25)	No	Specify the queue name to route the message to, if there is no text associated with the codeword
QUEUEWITHTEXT	VARCHAR2(25)	No	Specify the queue name to route the message to, if there is text associated with the codeword
COPYTOONWARD	NUMBER(1,0)	No	If selected, this option copies the codeword and related text is to the onward message. Possible Values 0 = No (Default) 1 = Yes

7.4.7 Departments Profile

Name	Type	Mandatory	Description
OFFICE	CHAR(3)	Yes	Profile Office
DEPARTMENTCODE	CHAR(3)	Yes	Code that will act as the identifier for the department.
DESCRIPTION	VARCHAR2(30)	Yes	Short description about the Department
NCC	VARCHAR2(14)	No	The National Clearing Code that is related to the department.
ALLOW_REROUTE	NUMBER(1,0)	No	Possible Values 0 = No (Default) 1 = Yes

7.4.8 Product Profile

Name	Type	Mandatory	Description
DEPARTMENT	Char(3)	Yes	Profile Department
PROD_CODE	VARCHAR2(5)	Yes	Product Code
ALIAS	CHAR(5)		An alias for this Product profile.
DESCRIPT	VARCHAR2(254)		Short description about the Product

7.4.9 Stop Flags Profile

Name	Type	Mandatory	Description
DEPARTMENT	Char(3)	Yes	Profile Department
STOP_FLAGS_CODE	VARCHAR2(8)	Yes	Stop Flag Code.
DESCRIPTION	VARCHAR2(500)	Yes	Short description about flag

Name	Type	Mandatory	Description
NON_OVERRIDDEN	NUMBER(1,0)	No	Indicator enable manual (user) override. Possible Values: 0 = No (Default) 1 = Yes

7.4.10 Transaction Codes Profile

Name	Type	Mandatory	Description
DEPARTMENT	Char(3)	Yes	Profile Department
TRANSACTION_CODE	VARCHAR2(6)	Yes	Transaction code
DESCRIPTION	VARCHAR2(50)	Yes	Short description about Transaction code
DEBIT_CREDIT_FLAG	CHAR(1)	Yes	Possible Values: D = Debit C = Credit B = Both

7.4.11 Calendar Profile

*** If holiday date is provided, the description is mandatory. Multiple sets of "Holiday Date" & "Holiday Description" can be provided. Holiday detail set is identified by the number (**#**) provided at the end of the field for example, HOLIDAYS.HOLDATE_**2** and HOLIDAYS.HOLDESC_**2** forms one set.

Name	Type	Mandatory	Description
CALNAME	VARCHAR2(8)	Yes	Profile Department
CALDESC	VARCHAR2(50)	No	Calendar code
ISDEF	NUMBER(1,0)	No	Specify if this will be the Default Calendar
WEEKENDSDAYS	VARCHAR2(30)	No	Specify the days of the week that should be considered as weekend days. ";" should be used as separator. Example: "Sat;Sun"
HOLIDAYS.HOLDATE_#	DATE (ISO format)	***	# can have value starting 2 onwards. Holiday Date
HOLIDAYS.HOLDESC_#	VARCHAR2(50)	***	# can have value starting 2 onwards. Holiday Description

7.4.12 Time Zone Profile

Name	Type	Mandatory	Description
ZONE_CODE	VARCHAR2(4)	Yes	Time zone Identifier
STANDARD_HOURS_FROM_UTC	NUMBER(4,0)	Yes	Value expected is between -23 to 23
DESCRIPTION	VARCHAR2(70)	No	Short description about this Time Zone

Name	Type	Mandatory	Description
DAYLIGHT_ZONE_CODE	VARCHAR2(4)	No	The DST zone code

7.4.13 Users Profile

Name	Type	Mandatory	Description
DEPARTMENT	CHAR(3)	Yes	Profile Department
USER_ID	VARCHAR2(8)	Yes	Provide User ID. This is the ID used to log on to GPP.
USERPASSWD	VARCHAR2(50)	Yes	Provide a password for the user to log on to GPP
U_ENT_NAME	VARCHAR2(30)	Yes	User Entitlement applicable to the user
EMP_TYPE	CHAR(1)	No	Employee type of the user
FIRST_NAME	VARCHAR2(30)	No	User's First Name
USER_NAME	VARCHAR2(30)	No	User's Family Name
MIDDLE_NAME	VARCHAR2(30)	No	Users Middle Name
EMPID_CONTRACTID	VARCHAR2(10)	No	User's contract code number
PHONE_NO	VARCHAR2(30)	No	The user's phone number
EMAIL_ADDRESS	VARCHAR2(125)	No	The user's email address
COST_CTR	VARCHAR2(10)	No	User's Cost Center
COST_CTR_MGR	VARCHAR2(50)	No	Name of the Manager for the above cost center
MAX_AMOUNT	NUMBER(19,4)	No	Maximum amount per transaction allowed for this user
MAX_FORCE_AMOUNT	NUMBER(19,4)	No	Maximum transaction amount (in base currency) that the user is allowed to force out of the NSF queue
LOC_CNTRY_ID	VARCHAR2(2)	No	Code of the country where the user is located
SUSPENDED	NUMBER(1,0)	No	Possible Values: 0 = not suspended (Default) 1 = suspended

7.4.14 Business Area Profile

Name	Type	Mandatory	Description
OFFICE	CHAR(3)	Yes	Profile Office
DEPARTMENT	CHAR(3)	Yes	Profile Department

Name	Type	Mandatory	Description
BUSINESS_AREA_CODE	VARCHAR2(4)	Yes	Business Area Code
DESCRIPTION	VARCHAR2(100)	Yes	Profile Description

7.4.15 System Parameters

Name	Type	Mandatory	Description
OFFICE	CHAR(3)	Yes	Profile Office
PARAM_NAME	VARCHAR2(25)	Yes	System Option Name
CATEGORYCODE	NUMBER(10,0)	Yes	Code for category of this option. The valid codes are defined in PARAMCATEGORY database table
ENABLE	NUMBER(1,0)	Yes	Determines whether the Value may be changed. Possible Values 0 = No 1 = Yes
STATUS	NUMBER(10,0)	Yes	Determines whether the system parameter can be viewed in GPP. Possible Values 1 = No 2 = Yes 3 = Yes (STATUS as 3 and ENABLE set to yes: when viewed in GPP the user will have "Save As" option which will allow setting this option for another office)
UNITCODE	NUMBER(22)	Yes	Units in which the value is given. The available units are defined in PARAMUNITS database table.
DESCRIPTION	VARCHAR2(1000)	No	A text description of the option.
TIME_ZONE	CHAR(5)	No	Generally defaulted to "GMT"
PARM_VALUE	VARCHAR2(254)	No	The value assigned to the option. The field name for the Parameter value depends on the Unit code field value. The mapping table is provided below.

This table (System Parameters Fields – UNITCODE and PARM_VALUE) lists the unit code field values, field UNITCODE and the expected parameter value for each of the unit code values, field PARM_VALUE.

Unit Code	Parameter Value Expected in Field
1, 18	PARM_VALUE

Unit Code	Parameter Value Expected in Field
2, 3, 8, 12	V_PARM_VALUE_INTEGER
4	V_PARM_VALUE_DATE
5, 6, 14	V_PARM_VALUE_NO_TEXTAREA
7	V_PARM_VALUE_SELECT_YESNO
9, 10	V_PARM_VALUE_MINUTES_SECONDS
11	V_PARM_VALUE_TIME
13	V_PARM_VALUE_FLOAT
15	V_PARM_VALUE_SELECT_LOGLEVEL
16	V_PARM_VALUE_SELECT_BOOLSTRING

7.4.16 NCC Profile

Name	Type	Mandatory	Description
OFFICE	CHAR(3)	Yes	Profile office
DEPARTMENT	Char(3)	Yes	Profile Department
NCC_TYPE_SWIFT	CHAR(2)	Yes	NCC type Based on the Clearing System ID, for example, SC
NCC_CODE	VARCHAR2(14)	Yes	NCC code
INTERNAL_NCC	NUMBER(1,0)	No	Internal NCC. Value can be 0 or 1
DEFAULT_NCC	NUMBER(1,0)	No	Default NCC. Value can be 0 or 1
CUST_CODE	VARCHAR2(20)	No	Party code
BANK_NAME	VARCHAR2(105)	No	Bank name
ADDRESS 1	VARCHAR2(35)	No	First of four address lines
ADDRESS2	VARCHAR2(35)	No	Second of four address lines
ADDRESS3	VARCHAR2(35)	No	Third of four address lines
ADDRESS4	VARCHAR2(35)	No	Fourth of four address lines
CITY	VARCHAR2 (35)	No	City
ZIP	VARCHAR2(15)	No	Postal code
COUNTRY CODE	CHAR(2)	No	Country code
NCC_TYPE_ISO	VARCHAR2(5)	No	ISO NCC type

7.4.17 Customers Profile

Name	Type	Mandatory	Description
OFFICE	CHAR(3)	Yes	Profile office
DEPARTMENT	Char(3)	Yes	Profile Department
CUST_CODE	VARCHAR2(20)	Yes	Unique customer (party) identifier. XXXSAYYYYYYYYYYY where: XXX = Office, SA = Swift Address, YYYYYYYYYYY = 11-char BIC.
CUST_NAME	VARCHAR2(35)	No	Party name
FULL_NAME	VARCHAR2(105)	No	Full party number, for informational use only.
ADDRESS 1	VARCHAR2(35)	No	First of four address lines
ADDRESS2	VARCHAR2(35)	No	Second of four address lines
ADDRESS3	VARCHAR2(35)	No	Third of four address lines
ADDRESS4	VARCHAR2(35)	No	Fourth of four address lines
CITY	VARCHAR2 (35)	No	City
STATE	CHAR(2)	No	State
ZIP	VARCHAR2(15)	No	Postal code
COUNTRY CODE	CHAR(2)	No	Country code
SWIFT_ID	VARCHAR2(12)	No	SWIFT identification number

7.4.18 Accounts Profile

Name	Type	Mandatory	Description
OFFICE	CHAR(3)	Yes	Profile office
ACC_NO	VARCHAR2(34)	Yes	Account number
CURRENCY	CHAR(3)	Yes	ISO currency code
CUST_CODE	VARCHAR2(20)	Yes	Unique customer (party) identifier. XXXSAYYYYYYYYYYY where: XXX = Office, SA = Swift Address, YYYYYYYYYYY = 11-char BIC.
DEPARTMENT	CHAR(3)	No	Profile Department
DESCRIPT	VARCHAR2(80)	No	Free text description of the account
ACC_ALIAS	VARCHAR2(35)	No	Number of Asset (Nostro) acct. Enabled if Asset check box is selected
ASSET	NUMBER(1)	No	Indicator that determines whether account is an asset, such as Nostro, settlement, or CSM account.

Name	Type	Mandatory	Description
IBAN	VARCHAR2(35)	No	International Bank Account Number

7.4.19 Membership

Name	Type	Mandatory	Description
MEMBER_ID	VARCHAR(20)	Yes	Member identification for the MOP
MOP	VARCHAR(20)	Yes	Method of Payment (MOP) in which membership is registered.
VALID_FROM_DATE	DATE	Yes	Start date of the membership. Format - to_date('1980/01/01','yyyy/mm/dd')
Currency	CHAR(3)	No	Three character ISO currency code for the membership currency.
VALID_TO_DATE	DATE	No	End date of the membership. Format to_date('2079/12/31','yyyy/mm/dd')
MEMBERASSOCIATE	CHAR(1)	No	Associate member indicator.
MEMBERIFASSOCIATE	VARCHAR(11)	No	Name of associate member.

7.5 Database Maintenance Queries

This table includes the database maintenance queries.

Table	Query	Comments
SD_PROFILES	Select * from sd_profiles t	
MENU_ITEMS	Select * from menu_items t where t.item_type = 'PROFILE_CTRL' and t.rec_status = 'AC' and t.item_id not in (99998,99999) order by 3	Any change around any attribute in this query.
SD_PROFILE_BUTTONS	Select * from sd_profile_buttons t	Available buttons for all static data profiles.
SD_PROFILE_FIELDS	Select * from SD_PROFILE_FIELDS t Exclude: • ADVISE_GLOBAL_SUPPRESS • ACC_POS • AKA • BILATERALKEY • CR_PPROFILE • CYCLE_SETTLEMENT • DIRECT_DEBITS • DR_PPROFILE • FIELDSALIAS • INTEREST_RATES • MESSAGE_FIELDS	Any change that may affect the profile list service

Table	Query	Comments

	- TRANSACTION_CODE - SOURCE - RTGS_POS - MOP_FPS_EXTENSION - PARTNER_PHYSICAL_END select *
	
	from sd_profile_fields t
	
	where t.table_name not in
	
	    ('MANDATE', 'MINF', 'V_RUN_TASKS', 'EVENT_DEFINITIONS', 'RTGS_POS',
	
	    'ADVISE_GLOBAL_SUPPRESS', 'ACC_POS', 'AKA', 'BILATERALKEY',
	
	    'CR_PPROFILE', 'CYCLE_SETTLEMENT', 'DIRECT_DEBITS', 'DR_PPROFILE',
	
	    'FIELDSALIAS', 'INTEREST_RATES', 'MESSAGE_FIELDS',
	
	    'TRANSACTION_CODE', 'SOURCE', 'RTGS_POS', 'MAPPING',
	
	    'MOP_FPS_EXTENSION', 'PARAMUNITS', 'PARAMCATEGORY',
	
	    'PARTNER_PHYSICAL_END', 'SWFPRTNR', 'VIRTUAL', 'STATIC_DATA_REFRESH',
	
	    'SEARCH_SCREEN', 'SD_PRULE_TYPE_ACTION', 'PRULE_SYS_ACTIONS',
	
	    'OBJECT_PRULE_TYPES', 'ACC_BALANCE_ERR')	

Appendix A: Glossary

This table describes the terms used in this document.

Term	Description
GPP	Global PAYplus
SOA	Service-Oriented Architecture
UID	Unique ID. Each GPP profile is identified by a unique identification string