



Global PAYplus Version 4.6.7

Tasks

Service-Oriented Architecture Guide

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Catalog ID: GPP4.6-00-S13-02-201708

Version Control

Version	Date	Summary of Changes
1.0		Document created
1.1	Aug 2015	Replaced BUSSINESS_DATE with BUSINESS_DATE
2.0	Dec 2015	Document updated for rebranding

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1 Introduction

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 D+H Project Manager.

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

This guide describes the tasks that can be executed via GPP SOA TasksService.

1.1 Target Audience

This guide describes service-oriented architecture (SOA) services that enable third party applications to interface with GPP for processing party identification.

2 TasksService

2.1 Overview

GPP operates 24 hours a day seven days a week. GPP needs to perform daily maintenance activities (moving messages to history, amending system business day etc.) and therefore exposes a list of services that perform these activities.

GPP is a multi-office system where all offices share the same application server but also require performing these maintenance activities according to the office local time. In other words, the maintenance activities are done during the office local time and for the office data only.

At the end of each business day, GPP must engage in sequential Start of Day (SOD) activities in preparation for the following business day.

Note: Financial institutions can set up scripts for SOD activities depending on their operational and functional needs:

- Run SOD at the end of the previous day
- Run SOD at the beginning of a business day

The time of day may also vary, for example performing End of Day (EOD) at 18:00 and starting to work as if the next day has begun while in fact the relevant messages will only be sent the following day.

GPP supports the following:

- If needed, database backup can be done while the system is online, which means that users can continue working on it.
- Running SOD per office (this means that offices in different countries run SOD according to their local time).

The SOD activities include generic maintenance tasks essential for proper operation of the application.

The correct order of tasks is crucial to the proper functioning of GPP. Tasks (operated by SOA services) can be run manually by the entitled operator or in unattended/automatic mode, using an external scheduling or monitoring application.

All GPP tasks are located under Housekeeping > New Day Activities and can be activated manually by an entitled system user.

Note: Some tasks should be executed only after other tasks complete processing. For example, before executing the Release from Schedule task you need to advance the local office and MOP business dates. If you do not do so, future dated transactions processing will never be completed.

Apply Changes is always the last task. TasksService is a generic web service that performs these tasks.

2.2 Input

This table lists the TasksService Input.

Parameter	Tag Name	L	Format	Comment
Header	Header	0		Request header
Fndt Header	+FndtHeader	1		Fndt header
Credentials	++Credentials	2		Credentials
User ID	+++UserID	3		Credentials check: Ensures the user exists and is entitled to perform the action
User Entitlement code	+++Role	3		Credentials check: Ensures the user is entitled to perform the relevant action
Body	Body	0		Fndt Body
Header	+Header	1		Header
User ID	++UserID	2		Audit user only. This input is not being validated.
Task ID	+taskID	1		ID of the task to be executed. Refer to Table 4: Task IDs.
Records	+ record	1	{0..n}	Varies according to Task ID.
		2		Different elements that vary according to the tasks (see tasks descriptions).

This table describes the required task ID for these GPP tasks.

Task Name	taskID
Activate mature profile changes	98
Clean deleted entries	27
Clean profile audit entries	16
Next business date	19
Release from scheduled	6
Suspend inactive users	53
Move to History	521

Task Name	taskID
Delete from History	522
Refresh Messages Snapshot	

2.3 Processing

2.3.1 Next Business Date

The Next business date task (taskID=19) advances the business date of:

- A specific office
- An office and all its active MOPs (for which the Roll forward at start of day checkbox is selected over the MOP profile)
- A specific MOP belonging to a specified office

Note: You can select a specific date based on the Office/MOP calendar. If no date is specified, the system automatically takes the next available working date based on Office or MOP calendar.

Parameter	Tag Name	L	Format	Comment
Records	+ record	1	{0..n}	Varies according to Task ID.
Office name	++OFFICE	2	Text {1..1}	Any valid value from offices profile
Business date	++BUSINESS_DATE	2	Date {0..1}	Optional value of the required business date. The default is the next available working date based on Office calendar
MOP business date	++OFFICE_MOP_COVERAGE_BUS_DATE	2	Date {0..1}	Optional. Defines the business date of the selected MOP
MOP name	++Mop	2	Text {0..1}	Optional. Define the MOPs which needs to be advanced

Example:

```
<q2:field name="OFFICE">US1</q2:field>
<q2:field name=" BUSINESS_DATE"></q2:field>
<q2:field name="OFFICE_MOP_COVERAGE_BUS_DATE">1</q2:field>
<q2:field name="MOP">SWIFT</q2:field>
```

2.3.2 Release from Scheduled

The Release from scheduled task (taskID=6) checks whether messages with the Schedule status and the Wait Release status for a specific office or specific MOP can be released for further processing (the processing date is the same as or less than the office business date). A new entry is created in the Audit Trail for each message released.

Note: The task only creates a release from schedule event which is handled asynchronously by the event manager mechanism. This process takes time and follows specific logic so that the payments are not immediately released from the scheduled queue.

Parameter	Tag Name	L	Format	Comment
Records	+ record	1	{0..n}	Varies according to Task ID.
Office name	++OFFICE	2	Text {1..1}	Any valid value from offices profile
	++OFFICE_MOP_COVERAGE	2	Text (1..1)	Indicator. Either set to 'Office' or 'MOP' to indicate whether the task refers to the office payments or to the specified MOPs
MOP name	++MOP_LIST		Text (0..1)	Ability to release only payments that are set for the specified MOP in payment Cdt MOP attribute

Example:

```
<q0:record>
<q2:field name="OFFICE">BC1</q2:field>
<q2:field name="OFFICE_MOP_COVERAGE">Office</q2:field>
</q0:record>
```

2.3.3 Activate Matured Profile Changes

Activates matured profile changes (taskId=98) or a selected office, which were initially modified with a future effective date.

This task activates the approved profile changes when the selected office business date reaches the profile's effective date. The effective date represents the date from which the changes in the profile should be implemented.

Parameter	Tag Name	L	Format	Comment
Records	+ record	1	{0..n}	Varies according to Task ID.
Office name	++OFFICE	2	Text {1..1}	Any valid value from offices profile

Example:

```
<q0:record>
<q2:field name="OFFICE">BC1</q2:field>
</q0:record>
```

2.3.4 Clean deleted entries

The Clean deleted entries task (taskID=27) consists of two activities for a specific office:

- Clean profile entries marked for deletion
- Clean old non-profile entries over a date range

Parameter	Tag Name	L	Format	Comment
Records	+ record	1	{0..n}	Varies according to Task ID.
Office name	++OFFICE	2	Text {1..1}	Any valid value from offices profile

Example:

```
<q0:record>
  <q2:field name="OFFICE">BC1</q2:field>
</q0:record>
```

2.3.5 Clean Profile Audit Entries

The Clean Profile Audit Entries task (taskId=16) deletes audit entries for profiles belonging to the selected office with a date that is older than a preset time period.

Parameter	Tag Name	L	Format	Comment
Records	+ record	1	{0..n}	Varies according to Task ID.
Office name	++OFFICE	2	Text {1..1}	Any valid value from offices profile

Example:

```
<q0:record>
  <q2:field name="OFFICE">BC1</q2:field>
</q0:record>
```

2.3.6 Suspend Inactive Users

The Suspend inactive users task (taskId=53) suspends the users that have not logged in recently.

The task suspends all users, for the specified office, that have not logged in to GPP for a defined period of time. The time period is calculated based on the last login date of the user. GPP deducts the number of days defined in system option USERUS, from the current date and compares to the last login date. If the last login date is before this calculated date – user is marked as suspended.

Parameter	Tag Name	L	Format	Comment
Records	+ record	1	{0..n}	Varies according to Task ID.
Office name	++OFFICE	2	Text {1..1}	Any valid value from offices profile

Example:

```
<q0:record>
  <q2:field name="OFFICE">BC1</q2:field>
</q0:record>
```

2.3.7 Move to History

The Move to History task (taskId=521) sets payments to a history status. This task is only applicable to payments with a final status such as Complete or Cancelled, and payments that are matured, i.e. the current business date is greater than the processing date plus the date defined by the system option.

Parameter	Tag Name	L	Format	Comment
Records	+ record	1	{0..n}	Varies according to Task ID.
Office name	++OFFICE	2	Text {1..1}	Any valid value from offices profile

Example:

```
<q0:record>
<q2:field name="OFFICE">FD1</q2:field>
</q0:record>
```

2.3.8 Delete from History

The Delete from History task (taskId=522) permanently deletes matured payments and templates from the system. Mature payments are payments where the current business date is greater than the date defined by the system option ARCKEEPHIS. Mature templates are templates where the current business date is greater than the date defined by the system option ARCKEEPHISTMPLT.

Parameter	Tag Name	L	Format	Comment
Records	+ record	1	{0..n}	Varies according to Task ID.
Office name	++OFFICE	2	Text {1..1}	Any valid value from offices profile

Example:

```
<q0:record>
<q2:field name="OFFICE">FD1</q2:field>
</q0:record>
```

2.3.9 Refresh Messages Snapshot

The Refresh Messages Snapshot task (taskId=524) is used for reconciliation. It uses the Materializes Query Table (Db2 feature) which takes a snapshot of MINF message table and enables the bank to run any query against it. This snapshot is static and does not affect GPP processing after the EOD time.

Note: The Refresh Messages Snapshot service will succeed only against an IBM DB2 database.

Parameter	Tag Name	L	Format	Comment
Records	+ record	1	{0..n}	Varies according to Task ID.
Office name	++OFFICE	2	Text {1..1}	Any valid value from offices profile

Example:

```
<q0:record>
<q2:field name="OFFICE">FD1</q2:field>
</q0:record>
```

2.3.10 Release from Wait Rate Queue

The Release from Wait Rate Queue task checks whether messages with the Wait Rate status can be released for further processing.

These payments require FX conversion and waits for a valid rate to be used for conversion. FX rate(s) can be loaded into GPP via a daily / intra-day FX upload or through a manual insertion of a FX rate in the exchange rate profile.

Payments which are held in Wait Rate Queue and can derive a valid rate will be released back into processing using this rate upon execution of the Release from Wait Rate Queue task.

Note: The task only creates a Release from Wait Rate event which is handled asynchronously by the event manager mechanism. No Parameters are required in order to run the Release from Wait Rate task.

This process takes time and follows specific logic so that the payments are not immediately released from the Wait Rate queue.

Example:

```
<soapenv:Body>
<tas:releaseFromWaitRate/>
</soapenv:Body>
```

2.3.11 Apply Changes

The Apply Changes task refresh the cache with the new static data changes which were done and approved.

Apply Changes can be executed in full mode or in partial mode.

- Full mode (Full cache refresh) will refresh all static data changes which were done and changes been approved.
- Selective/Partial mode (such as, Selective cache refresh) will refresh into the cache only selected profiles which were updated and changes been approved. Using Selective mode will require you to provide the static data profile id as a parameter in the apply changes request. Refer to the following table in this section for a list of profile id (cache Id) which can be provided as parameters when running apply changes in partial mode.

Once the cache is refreshed, then the changes done will become effective and will be used by the system for the payment processing.

Parameter	Tag Name	L	Format	Comment
Records	+ record	1	{0..n}	User which request to perform the change

Parameter	Tag Name	L	Format	Comment
User Id	UserId	2	text {1..1}	User that requested to perform the change
Profile Id	profile Ids	2	text {1..1}	Profile Id which will be refreshed in the GPP Cache. Can have one or more values comma separated. For example, P2,P3
Full mode	fullmode	2	text {1..1}	Indicates whether apply changes will be done in full mode on all profiles or partly on selected profiles. Possible values: True/False

Example:

```
<soap:Body>
<app:ApplyChangesRequest>
<stat:header>
<stat:UserID>ADMIN</stat:UserID>
</stat:header>
<app:profileIDs>P2,P3</app:profileIDs>
<app:fullmode>>false</app:fullmode>
</app:ApplyChangesRequest>
</soap:Body>
```

2.4 Output

Parameter	Tag Name	Format	Comment
	compCode	Flag {1,1}	
	info	[task name] completed successfully.	If the task was completed successfully.
		ERROR: [error message].	If task could not be completed.

2.5 Examples

2.5.1 Task - Release Schedule (TaskId=6)

2.5.1.1 Execute Task with Office=BC1

2.5.1.1.1 Request

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
xmlns:q0="http://dh.com/SCL/TaskService" xmlns:q1="http://dh.com/SCL/StaticDataCommonTypes"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
<soapenv:Header>
```

```

<q1:FndtHeader
  xmlns:q1="http://dh.com/SCL/CommonTypes">
  <q1:credentials>
    <q1:UserID>SERVICES</q1:UserID>
    <q1:Role>ADMIN</q1:Role>
  </q1:credentials>
</q1:FndtHeader>
</soapenv:Header>
<soapenv:Body>
  <q0:RunTaskRequest>
    <q1:header>
      <q1:UserID>BOFA1</q1:UserID>
    </q1:header>
    <q0:taskID>6</q0:taskID>
    <q0:record>
      <q1:field name="OFFICE">BC1</q1:field>
      <q1:field name="OFFICE_MOP_COVERAGE">Office</q1:field>
    </q0:record>
  </q0:RunTaskRequest>
</soapenv:Body>
</soapenv:Envelope>

```

2.5.1.1.2 Response

```

<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://dh.com/SCL/TaskService">
    <RunTaskResponse xmlns="http://dh.com/SCL/TaskService">
      <compCode xmlns="http://dh.com/SCL/StaticDataCommonTypes">0</compCode>
      <info xmlns="http://dh.com/SCL/StaticDataCommonTypes">Release from Scheduled task completed
      successfully</info>
    </RunTaskResponse>
  </soap:Body>
</soap:Envelope>

```

2.5.1.2 Execute Task with Office=BC1 and MOP

2.5.1.2.1 Request

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:q0="http://dh.com/SCL/TasksService" xmlns:q1="http://dh.com/SCL/StaticDataCommonTypes"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
  instance">

  <soapenv:Header>

  <q1:FndtHeader
    xmlns:q1="http://dh.com/SCL/CommonTypes">

    <q1:credentials>

    <q1:UserID>SERVICES</q1:UserID>

    <q1:Role>ADMIN</q1:Role>

    </q1:credentials>

    </q1:FndtHeader>

  </soapenv:Header>

  <soapenv:Body>

    <q0:RunTaskRequest>

      <q1:header>

        <q1:UserID>BOFA1</q1:UserID>

      </q1:header>

      <q0:taskID>6</q0:taskID>

      <q0:record>

        <q1:field name="OFFICE">BC1</q1:field>

        <q1:field name="OFFICE_MOP_COVERAGE">Mop</q1:field>

        <q1:field name="MOP_LIST">SWIFT</q1:field>

      </q0:record>

    </q0:RunTaskRequest>

  </soapenv:Body>

</soapenv:Envelope>
```

2.5.1.2.2 Response

```
<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://dh.com/SCL/TasksService">

    <RunTaskResponse xmlns="http://dh.com/SCL/TasksService">

      <compCode xmlns="http://dh.com/SCL/StaticDataCommonTypes">0</compCode>
```

```
<info xmlns="http://dh.com/SCL/StaticDataCommonTypes">Release
from Scheduled task completed successfully</info>
```

```
</RunTaskResponse>
```

```
</soap:Body>
```

```
</soap:Envelope>
```

2.5.1.3 Execute Task with Office and MOP and MOP Not Provided, Error Condition

2.5.1.3.1 Request

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
xmlns:q0="http://dh.com/SCL/TasksService" xmlns:q1="http://dh.com/SCL/StaticDataCommonTypes"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
```

```
<soapenv:Header>
```

```
<q1:FndtHeader xmlns:q1="http://dh.com/SCL/CommonTypes"><q1:credentials>
```

```
<q1:UserID>SERVICES</q1:UserID>
```

```
<q1:Role>ADMIN</q1:Role>
```

```
</q1:credentials>
```

```
</q1:FndtHeader>
```

```
</soapenv:Header>
```

```
<soapenv:Body>
```

```
<q0:RunTaskRequest>
```

```
<q1:header>
```

```
<q1:UserID>B0FA1</q1:UserID>
```

```
</q1:header>
```

```
<q0:taskID>6</q0:taskID>
```

```
<q0:record>
```

```
<q1:field name="OFFICE">BC1</q1:field>
```

```
<q1:field name="OFFICE_MOP_COVERAGE">Mop</q1:field>
```

```
</q0:record>
```

```
</q0:RunTaskRequest>
```

```
</soapenv:Body>
```

```
</soapenv:Envelope>
```

2.5.1.3.2 Response

```
<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://dh.com/SCL/TasksService">
```

```
<RunTaskResponse xmlns="http://dh.com/SCL/TasksService">
```

```

<compCode xmlns="http://dh.com/SCL/StaticDataCommonTypes">1</compCode>

<info xmlns="http://dh.com/SCL/StaticDataCommonTypes">ERROR:
MOP selection is mandatory</info>

</RunTaskResponse>

</soap:Body>

</soap:Envelope>

```

2.5.2 Task - Clean Profile Audit Entries (TaskId=16)

2.5.2.1 Execute Task with Office

2.5.2.1.1 Request

```

<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
xmlns:q0="http://dh.com/SCL/TasksService" xmlns:q1="http://dh.com/SCL/StaticDataCommonTypes"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">

<soapenv:Header>

<q1:FndtHeader xmlns:q1="http://dh.com/SCL/CommonTypes">

<q1:credentials>

<q1:UserID>SERVICES</q1:UserID>

<q1:Role>ADMIN</q1:Role>

</q1:credentials>

</q1:FndtHeader>

</soapenv:Header>

<soapenv:Body>

<q0:RunTaskRequest>

<q1:header>

<q1:UserID>BOFA1</q1:UserID>

</q1:header>

<q0:taskID>    16    </q0:taskID>

<q0:record>

<q1:field name="OFFICE">JP1</q1:field>

</q0:record>

</q0:RunTaskRequest>

</soapenv:Body>

</soapenv:Envelope>

```

2.5.2.1.2 Response

```

<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://dh.com/SCL/TasksService">
  <RunTaskResponse xmlns="http://dh.com/SCL/TasksService">
    <compCode
      xmlns="http://dh.com/SCL/StaticDataCommonTypes">0</compCode>
    <info xmlns="http://dh.com/SCL/StaticDataCommonTypes">Clean
      Profile Audit Entries task completed successfully</info>
  </RunTaskResponse>
</soap:Body>
</soap:Envelope>

```

2.5.3 Task - Clean Deleted Entries (TaskId=27)

2.5.3.1 Execute Task with Office

2.5.3.1.1 Request

```

<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
  xmlns:q0="http://dh.com/SCL/TasksService" xmlns:q1="http://dh.com/SCL/StaticDataCommonTypes"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
  instance">
  <soapenv:Header>
    <q1:FndtHeader
      xmlns:q1="http://dh.com/SCL/CommonTypes">
      <q1:credentials>
        <q1:UserID>SERVICES</q1:UserID>
        <q1:Role>ADMIN</q1:Role>
      </q1:credentials>
    </q1:FndtHeader>
  </soapenv:Header>
  <soapenv:Body>
    <q0:RunTaskRequest>
      <q1:header>
        <q1:UserID>BOFA1</q1:UserID>
      </q1:header>
      <q0:taskID> 27 </q0:taskID>
      <q0:record>
        <q1:field name="OFFICE">JP1</q1:field>
      </q0:record>
    </q0:RunTaskRequest>
  </soapenv:Body>
</soapenv:Envelope>

```

2.5.3.1.2 Response

```
<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://dh.com/SCL/TasksService">

<RunTaskResponse xmlns="http://dh.com/SCL/TasksService">

<compCode
xmlns="http://dh.com/SCL/StaticDataCommonTypes">0</compCode>

<info xmlns="http://dh.com/SCL/StaticDataCommonTypes">Clean
Deleted Entries task completed successfully</info>

</RunTaskResponse>

</soap:Body>

</soap:Envelope>
```

2.5.4 Task - Advance Business Date (TaskId=19)

2.5.4.1 Execute Task with Office Only

2.5.4.1.1 Request

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
xmlns:q0="http://dh.com/SCL/TasksService" xmlns:q1="http://dh.com/SCL/StaticDataCommonTypes"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">

<soapenv:Header>

<q1:FndtHeader
xmlns:q1="http://dh.com/SCL/CommonTypes">

<q1:credentials>

<q1:UserID>SERVICES</q1:UserID>

<q1:Role>ADMIN</q1:Role>

</q1:credentials>

</q1:FndtHeader>

</soapenv:Header>

<soapenv:Body>

<q0:RunTaskRequest>

<q1:header>

<q1:UserID>B0FA1</q1:UserID>

</q1:header>

<q0:taskID>19</q0:taskID>

<q0:record>

<q1:field name="OFFICE">JP1</q1:field>

</q0:record>
```

```
</q0:RunTaskRequest>

</soapenv:Body>

</soapenv:Envelope>
```

2.5.4.1.2 Response

```
<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://dh.com/SCL/TasksService"><RunTaskResponse
xmlns="http://dh.com/SCL/TasksService"><compCode
xmlns="http://dh.com/SCL/StaticDataCommonTypes">0</compCode><info
xmlns="http://dh.com/SCL/StaticDataCommonTypes">Advance Next Business Date task completed
successfully</info></RunTaskResponse></soap:Body></soap:Envelope>
```

2.5.4.2 Execute Task with Office and MOP

2.5.4.2.1 Request

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
xmlns:q0="http://dh.com/SCL/TasksService" xmlns:q1="http://dh.com/SCL/StaticDataCommonTypes"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">

<soapenv:Header>

<q1:FndtHeader
xmlns:q1="http://dh.com/SCL/CommonTypes">

<q1:credentials>

<q1:UserID>SERVICES</q1:UserID>

<q1:Role>ADMIN</q1:Role>

</q1:credentials>

</q1:FndtHeader>

</soapenv:Header>

<soapenv:Body>

<q0:RunTaskRequest>

<q1:header>

<q1:UserID>BOFA1</q1:UserID>

</q1:header>

<q0:taskID>19</q0:taskID>

<q0:record>

<q1:field name="OFFICE">JP1</q1:field>

<q1:field name=" BUSINESS_DATE">26/07/2010</q1:field>

<q1:field name="OFFICE_MOP_COVERAGE_BUS_DATE"></q1:field>

<q1:field name="MOP">SWIFT </q1:field>

</q0:record>

</q0:RunTaskRequest>
```

```
</soapenv:Body>
```

```
</soapenv:Envelope>
```

2.5.4.2.2 Response

```
<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://dh.com/SCL/TasksService"><RunTaskResponse
xmlns="http://dh.com/SCL/TasksService"><compCode
xmlns="http://dh.com/SCL/StaticDataCommonTypes">0</compCode><info
xmlns="http://dh.com/SCL/StaticDataCommonTypes"> Advance Next Business Date task completed
successfully</info>
```

```
</RunTaskResponse></soap:Body></soap:Envelope>
```

2.5.5 Task - Suspend inactive users (TaskId=53)

2.5.5.1 Execute Task with Office=JP1

2.5.5.1.1 Request

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
xmlns:q0="http://dh.com/SCL/TasksService" xmlns:q1="http://dh.com/SCL/StaticDataCommonTypes"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">
```

```
<soapenv:Header>
```

```
<q1:FndtHeader
xmlns:q1="http://dh.com/SCL/CommonTypes">
```

```
<q1:credentials>
```

```
<q1:UserID>SERVICES</q1:UserID>
```

```
<q1:Role>ADMIN</q1:Role>
```

```
</q1:credentials>
```

```
</q1:FndtHeader>
```

```
</soapenv:Header>
```

```
<soapenv:Body>
```

```
<q0:RunTaskRequest>
```

```
<q1:header>
```

```
<q1:UserID>BOFA1</q1:UserID>
```

```
</q1:header>
```

```
<q0:taskID>53</q0:taskID>
```

```
<q0:record>
```

```
<q1:field name="OFFICE">JP1</q1:field>
```

```
</q0:record>
```

```
</q0:RunTaskRequest>
```

```
</soapenv:Body>
```

```
</soapenv:Envelope>
```

2.5.5.1.2 Response

```
<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://dh.com/SCL/TasksService">

<RunTaskResponse xmlns="http://dh.com/SCL/TasksService">

<compCode xmlns="http://dh.com/SCL/StaticDataCommonTypes">0</compCode>

<info xmlns="http://dh.com/SCL/StaticDataCommonTypes">Suspend
Inactive Users task completed successfully</info>

</RunTaskResponse>

</soap:Body>

</soap:Envelope>
```

2.5.6 Task - Activate Matured Profile Changes (TaskId=98)

2.5.6.1 Execute Task with Office

2.5.6.1.1 Request

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
xmlns:q0="http://dh.com/SCL/TasksService" xmlns:q1="http://dh.com/SCL/StaticDataCommonTypes"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance">

<soapenv:Header>

<q1:FndtHeader xmlns:q1="http://dh.com/SCL/CommonTypes">

<q1:credentials>

<q1:UserID>SERVICES</q1:UserID>

<q1:Role>ADMIN</q1:Role>

</q1:credentials>

</q1:FndtHeader>

</soapenv:Header>

<soapenv:Body>

<q0:RunTaskRequest>

<q1:header>

<q1:UserID>BOFA1</q1:UserID>

</q1:header>

<q0:taskID> 98 </q0:taskID>

<q0:record>

<q1:field name="OFFICE">JP1</q1:field>

</q0:record>

</q0:RunTaskRequest>
```

```
</soapenv:Body>

</soapenv:Envelope>
```

2.5.6.1.2 Response

```
<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://dh.com/SCL/TasksService"><RunTaskResponse
xmlns="http://dh.com/SCL/TasksService"><compCode
xmlns="http://dh.com/SCL/StaticDataCommonTypes">0</compCode><info
xmlns="http://dh.com/SCL/StaticDataCommonTypes"> Activate matured profile changes task completed
successfully</info>

</RunTaskResponse></soap:Body></soap:Envelope>
```

2.5.7 Task - Refresh Messages Snapshot (TaskId=524)

2.5.7.1 Execute Task with Office

2.5.7.1.1 Request

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
xmlns:q0="http://dh.com/SCL/TasksService" xmlns:q2="http://dh.com/SCL/StaticDataCommonTypes"
xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" xmlns:stat="http://dh.com/SCL/StaticDataCommonTypes">

<soapenv:Header>

<q2:FndtHeader xmlns:q2="http://dh.com/SCL/CommonTypes">

<q2:credentials>

<q2:UserID>ADMIN6</q2:UserID>

<q2:Role>ADMIN</q2:Role>

</q2:credentials>

</q2:FndtHeader>

</soapenv:Header>

<soapenv:Body>

<q0:RunTaskRequest>

<q0:taskID>524</q0:taskID>

<q0:record>

<stat:field name="OFFICE" >US1</stat:field>

</q0:record>

</q0:RunTaskRequest>

</soapenv:Body>

</soapenv:Envelope>
```

2.5.7.1.2 Response:

```
<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://dh.com/SCL/TasksService">

<RunTaskResponse xmlns="http://dh.com/SCL/TasksService">

<compCode xmlns="http://dh.com/SCL/StaticDataCommonTypes">0</compCode>

<info xmlns="http://dh.com/SCL/StaticDataCommonTypes">Refresh
Messages Snapshot task completed successfully</info>

</RunTaskResponse>

</soap:Body>

</soap:Envelope>

```

2.5.8 Task - Release from Wait Rate

2.5.8.1 WSDL

```

<?xml version="1.0" encoding="UTF-8" ?>
- <wsdl:definitions name="releasePaymentsService" targetNamespace="http://login.ws.dh.com/"
xmlns:ns1="http://tasks.ws.dh.com/" xmlns:ns2="http://schemas.xmlsoap.org/soap/http"
xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/" xmlns:tns="http://login.ws.dh.com/"
xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/" xmlns:xsd="http://www.w3.org/2001/XMLSchema">

<wsdl:import location="https://192.168.168.133:9515/GPPWS/services/PaymentProcessing/ReleasePayments?wsdl=ReleasePaymentsService.wsdl" namespace="http://tasks.ws.dh.com/" />

- <wsdl:binding name="releasePaymentsServiceSoapBinding"
type="ns1:ReleasePaymentsService">

<soap:binding style="document"
transport="http://schemas.xmlsoap.org/soap/http" />

- <wsdl:operation name="releaseFromWaitRate">

<soap:operation soapAction="" style="document" />

- <wsdl:input name="releaseFromWaitRate">

<soap:body use="literal" />

</wsdl:input>

- <wsdl:output name="releaseFromWaitRateResponse">

<soap:body use="literal" />

</wsdl:output>

</wsdl:operation>

</wsdl:binding>

- <wsdl:service name="releasePaymentsService">

- <wsdl:port binding="tns:releasePaymentsServiceSoapBinding"
name="ReleasePaymentsServiceImplPort">

<soap:address
location="https://192.168.168.133:9515/GPPWS/services/PaymentProcessing/ReleasePayments" />

</wsdl:port>

</wsdl:service>

</wsdl:definitions>

```

2.5.8.2 Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:tas="http://tasks.ws.dh.com/">

<soapenv:Header/>

<soapenv:Body>

<tas:releaseFromWaitRate/>

</soapenv:Body>

</soapenv:Envelope>
```

2.5.8.3 Response

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">

<soap:Body>

<ns1:releaseFromWaitRateResponse
xmlns:ns1="http://tasks.ws.dh.com/">

<return>true</return>

</ns1:releaseFromWaitRateResponse>

</soap:Body>

</soap:Envelope>
```

2.5.9 Task - Settings Name

2.5.9.1 Request

```
<soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope"
xmlns:q0="http://fundtech.com/SCL/TaskService"
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>
    <q1:FndtHeader
xmlns:q1="http://fundtech.com/SCL/CommonTypes">
      <q1:credentials>
        <q1:UserID>${#Project#USER_ID}</q1:UserID>
        <q1:Role>${#Project#USER_ROLE}</q1:Role>
      </q1:credentials>
    </q1:FndtHeader>
  </soapenv:Header>
  <soapenv:Body>
    <q0:RunTaskRequest>
      <q1:header>
        <q1:UserID>${#Project#USER_ID}</q1:UserID>
      </q1:header>
      <q0:taskID>${#TestCase#taskID}</q0:taskID>
      <q0:record>
        <q1:field name="OFFICE">${#TestSuite#OFFICE}</q1:field>
      <q1:field name="TASKS_SETTINGS_NAME">${#TestCase#task_settings_name}</q1:field>
    </q0:record>
    </q0:RunTaskRequest>
  </soapenv:Body>
</soapenv:Envelope>
```


2.5.10 Apply Changes Service

2.5.10.1 Request

```
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
xmlns:app="http://dh.com/SCL/ApplyChangesService"
xmlns:stat="http://dh.com/SCL/StaticDataCommonTypes">

  <soap:Header>

    <q2:FndtHeader xmlns:q2="http://dh.com/SCL/CommonTypes">

      <q2:credentials>

        <q2:UserID>USER_ID</q2:UserID>

        <q2:Role>ADMIN</q2:Role>

      </q2:credentials>

    </q2:FndtHeader>

  </soap:Header>

  <soap:Body>

    <app:ApplyChangesRequest>

      <stat:header>

        <stat:UserID>USER_ID</stat:UserID>

      </stat:header>

      <app:fullmode>true</app:fullmode>

    </app:ApplyChangesRequest>

  </soap:Body>

</soap:Envelope>
```

2.5.10.2 Response

```
<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://dh.com/SCL/ApplyChangesService">

    <app:ApplyChangesResponse xmlns:app="http://dh.com/SCL/ApplyChangesService">

      <stat:compCode
xmlns:stat="http://dh.com/SCL/StaticDataCommonTypes">0</stat:compCode>

      <stat:info
xmlns:stat="http://dh.com/SCL/StaticDataCommonTypes"/>

    </app:ApplyChangesResponse>

  </soap:Body>

</soap:Envelope>
```

Appendix A: Glossary

This table lists the terms that are used in this document.

Term	Description
EOD	End of day
GPP	Global PAYplus
ISO	International Organization for Standardization
MOP	Method of Payment
PAIN	Payment Initiation
PACS	Payments Clearing and Settlement
SOD	Start of day
SWIFT	Society for Worldwide Interbank Financial Telecommunication
UID	Unique ID. Each GPP profile is identified by a unique identification string