Oracle® Banking Payments

US Fedwire User Guide

Release 14.8.1.0.0

G44880-01

October 2025

Oracle Banking Payments US Fedwire User Guide, Release 14.8.1.0.0

G44880-01

Contents

4 Fedwire Processing

5 Fedwire gpi Processing

Preface

Purpose

This guide is designed to help acquaint you with the Oracle Banking Payments application. This guide provides answers to specific features and procedures that the user need to be aware of the module to function successfully.

Audience

This manual is intended for the following User/User Roles:

Table 1 User Roles

Role	Function
Implementation & IT Staff	Implementation & Maintenance of the Software

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at Critical Patches, Security Alerts and Bulletins. All critical patches should be applied in a timely manner to make sure effective security, as strongly recommended by Oracle Software Security Assurance.

Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Related Resources

For more information on any related features, refer to the following documents:

- *Getting Started User Guide*
- *Oracle Banking Security Management System User Guide*
- *Oracle Banking Microservices Platform Foundation User Guide*
- *Routing Hub Configuration User Guide*
- *Oracle Banking Common Core User Guide*
- *Interest and Charges User Guide*
- *Oracle Banking Liquidity Management Configuration Guide*
- *Oracle Banking Liquidity Management File Upload User Guide*

Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

Acronyms and Abbreviations

The list of the acronyms and abbreviations that are used in this guide are as follows:

Table 2 Acronyms and Abbreviations

Abbreviation	Description
DDA	Demand Deposit Accounts
ECA	External Credit Approval
EOD	End of Day
IBAN	International Bank Account Number

Basic Actions

The basic actions performed in the screens are as follows:

Table 3 Basic Actions

Actions	Description
New	Click **New** to add a new record. The system displays a new record to specify the required data. The fields marked with asterisk are mandatory. - This button is displayed only for the records that are already created.
Save	Click **Save** to save the details entered or selected in the screen.
Unlock	Click **Unlock** to update the details of an existing record. The system displays an existing record in editable mode. - This button is displayed only for the records that are already created.
Authorize	Click **Authorize** to authorize the record created. A maker of the screen is not allowed to authorize the same. Only a checker can authorize a record. - This button is displayed only for the already created records. For more information on the process, refer Authorization Process.
Approve	Click **Approve** to approve the initiated record. - This button is displayed once the user click **Authorize**.
Audit	Click **Audit** to view the maker details, checker details of the particular record. - This button is displayed only for the records that are already created.
Close	Click **Close** to close a record. This action is available only when a record is created.
Confirm	Click **Confirm** to confirm the action performed.
Cancel	Click **Cancel** to cancel the action performed.
Compare	Click **Compare** to view the comparison through the field values of old record and the current record. - This button is displayed in the widget once the user click **Authorize**.
View	Click **View** to view the details in a particular modification stage. - This button is displayed in the widget once the user click **Authorize**.

Table 3 (Cont.) Basic Actions

Actions	Description
View Difference only	Click **View Difference only** to view a comparison through the field element values of old record and the current record, which has undergone changes. - This button is displayed once the user click **Compare**.
Expand All	Click **Expand All** to expand and view all the details in the sections. - This button is displayed once the user click **Compare**.
Collapse All	Click **Collapse All** to hide the details in the sections. - This button is displayed once the user click **Compare**.
OK	Click **OK** to confirm the details in the screen.

Symbols, Definitions and Abbreviations

The following are some of the Symbols you are likely to find in the manual:

Table 4 Symbols

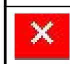
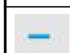
Icons	Function
	Exit
	Add row
	Delete row
	Option List

Table 5 Common Icons and its Definitions

Icon Names	Applicable Stages	Operation
Minimize	Initiation, Approval and Hand-off Retry	Users can minimize the transaction input screen. When the screen is minimized, it appears as to a separate tab within the same web page.
Maximiz e	Initiation, Approval and Hand-off Retry	User can maximize the transaction input screen.
Close	Initiation, Approval and Hand-off Retry	Users can close the transaction input screen. The system displays a warning message to the user that any unsaved data would be lost. User can either choose to ignore the message and close the screen or choose to ‘save and close’ the transaction.

1

Fedwire Maintenances

Fedwire Funds Service is a real-time, gross settlement (RTGS) payment system of USA. It processes each RTGS payment initiated by the Fedwire Member bank on an individual basis and settles it immediately upon receipt. Settlement of funds is immediate, final and irrevocable, as in a RTGS system in any other country.

Highlights of Fedwire Payments Module:

- Manual Payment Initiation
- Receipt of individual payment requests from bank channels
- Receipt of Bulk file for outward payments
- Fedwire network rules validation
- Derivation of Type Code and Sub-type Code in case of outgoing payment
- Sanctions check by interfacing with an external Sanctions screening system
- External Credit Approval Check
- Accounting
- Fedwire Message generation
- Multiple Network Cutoff times
- Fedwire business day spanning 2 calendar days
- Sending and receiving Service messages
- Incoming SWIFT to Fedwire Pass-through Transaction Processing
- Incoming Fedwire to SWIFT Pass-through Transaction Processing
- Support for Swift gpi

- Fedwire Network
- Fedwire Directory
- Fedwire Connectivity

1.1 Fedwire Network

- Fedwire Network Preferences Detailed
- Fedwire Network Currency Preferences Detailed

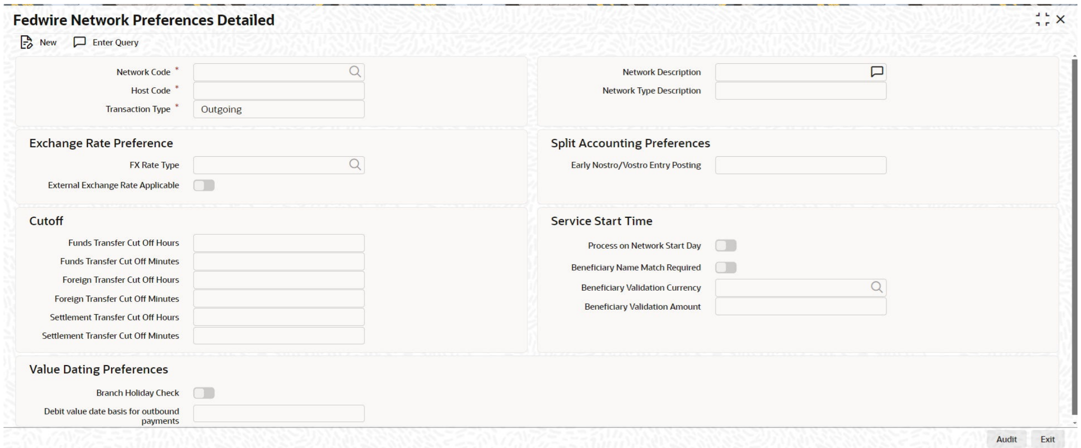
1.1.1 Fedwire Network Preferences Detailed

You can capture Network Preferences for Fedwire Network in this maintenance screen.

1. On Homepage, specify **PWDNWPRF** in the text box, and click next arrow.

   Fedwire Network Preferences Detailed screen is displayed.

Figure 1-1 Fedwire Network Preferences Detailed



2. On **Fedwire Network Preferences Detailed** screen, specify the fields.

   For more information about the fields, refer to field description below:

Table 1-1 Fedwire Network Preferences Detailed - Field Description

Field	Description
Network Code	Specify the Network Code from the list of values.
Network Description	System defaults the description of the Network Code displayed.
Network Type Description	System defaults the description of the Network Code displayed.
Host Code	System displays the Host Code of selected branch of the logged in user on clicking 'New' button.
Transaction Type	Specify Transaction Type from the following: • Outgoing • Incoming
Exchange Rate Preference	--
FX Rate Type	Specify the FX Rate Type from the list of values.
External Exchange Rate Applicable	Check this box to indicate that fetching External Exchange Rate is applicable.
Split Accounting Preferences	--
Early Nostro/Vostro Entry Posting	Select the values from the following: • Yes • No
Cutoff	--
Funds Transfer CutOff Hours	Specify the Cutoff hours for Funds Transfer of Type code 10.
Funds Transfer CutOff Minutes	Specify the Cutoff Minutes for Funds Transfer of Type code 10.
Foreign Transfer CutOff Hours	Specify the Cutoff hours for Foreign Transfers to foreign central banks and international organizations i.e. fund transfers of Type code 15.
Foreign Transfer CutOff Minutes	Specify the Cutoff Minutes for Foreign Transfers to foreign central banks and international organizations.
Settlement Transfer CutOff Hours	Specify the Cutoff hours for Settlement Transfers between Direct Fedwire members i.e. fund transfers of Type code 16.

Table 1-1 (Cont.) Fedwire Network Preferences Detailed - Field Description

Field	Description
Settlement Transfer CutOff Minutes	Specify the Cutoff Minutes for Settlement Transfers between Direct Fedwire members.
Service Start Time	--
Process on Network Start Day	You can check this box to specify the Process on Next Start Day.
Beneficiary Name Match Required	For inbound payments beneficiary name match is done based on this flag. The preference created here can be applied if the Host Code, Network code, Currency and Payment Method fields inputted during inbound payment processing is exactly matched.
Beneficiary Validation Currency	Specify the Currency.
Beneficiary Validation Amount	Specify the Amount in specified currency.

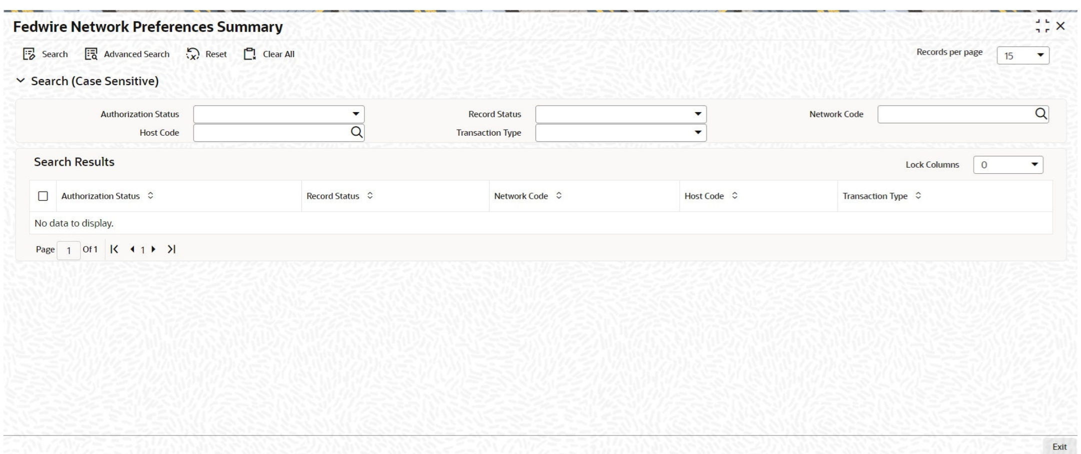
- Fedwire Network Preferences Summary

1.1.1.1 Fedwire Network Preferences Summary

1. On Homepage, specify **PWSNWPRF** in the text box, and click next arrow.

   Fedwire Network Preferences Summary screen is displayed.

   Figure 1-2 Fedwire Network Preferences Summary

2. Search using one or more of the following parameters:
   - Authorization Status
   - Record Status
   - Network Code
   - Host Code
   - Transaction Type
3. Once you specified the parameters, click the Search button.

   System displays the records that match the search criteria.

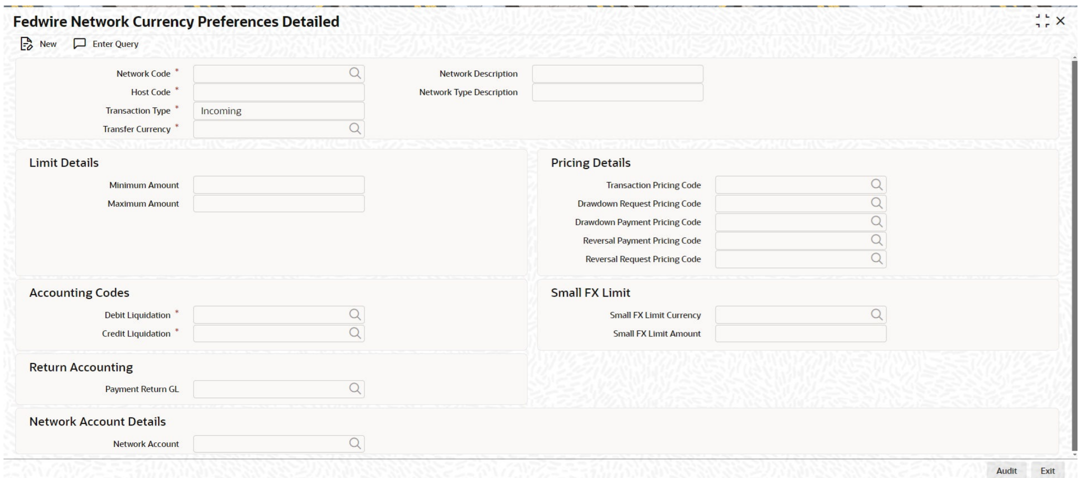
1.1.2 Fedwire Network Currency Preferences Detailed

You can capture Network Currency Preferences for Fedwire Network.

1. On Homepage, specify **PWDNWPRF** in the text box, and click next arrow.

   Fedwire Network Currency Preferences Detailed screen is displayed.

Figure 1-3 Fedwire Network Currency Preferences Detailed



2. On **Fedwire Network Currency Preferences Detailed** screen, specify the fields.

   For more information about the fields, refer to field description below:

Table 1-2 Fedwire Network Currency Preferences Detailed - Field Description

Field	Description
Network Code	System defaults the Network Code of transaction branch on clicking 'New'.
Network Description	System defaults the description of the Network Code displayed.
Network Type Description	System defaults the description of the Network Code displayed.
Transaction Type	Specify Transaction Type from the following: • Outgoing • Incoming
Transfer Currency	Select the required Currency from the list of available currencies for the Fedwire network.
Limit Details	--
Minimum Amount	Specify the minimum amount for a Fedwire payment.
Maximum Amount	Specify the maximum amount for a Fedwire payment.
Pricing Details	--
Transaction Pricing Code	Select the Pricing code from the list of available Pricing codes.
Drawdown Request Pricing Code	Select the drawdown pricing code from the list of available Pricing codes.
Drawdown Payment Pricing Code	Select the Payment pricing code from the list of available Pricing codes.

Table 1-2 (Cont.) Fedwire Network Currency Preferences Detailed - Field Description

Field	Description
Reversal Payment Pricing Code	Select the Reversal Payment pricing code from the list of available Pricing codes.
Reversal Request Pricing Code	Select the Reversal request pricing code from the list of available Pricing codes.
Accounting Codes	--
Debit Liquidation	Specify the template for Debit Liquidation from the list of available accounting templates. You can select the template from the option list. The list displays all the accounting templates maintained in the system.
Credit Liquidation	Specify the template for Credit Liquidation.
Small FX Limit	--
Small FX Limit Currency	Select the required currency from the list of available currencies for specifying the Small FX Limit.
Small FX Limit Amount	Specify the amount for the Small FX Limit.
Return Accounting	--
Payment Return GL	Specify the payment return GL, which of picked up, when return of transaction happens.
Network Account Details	--
Network Account	Specify the Network Account specific to Fedwire.

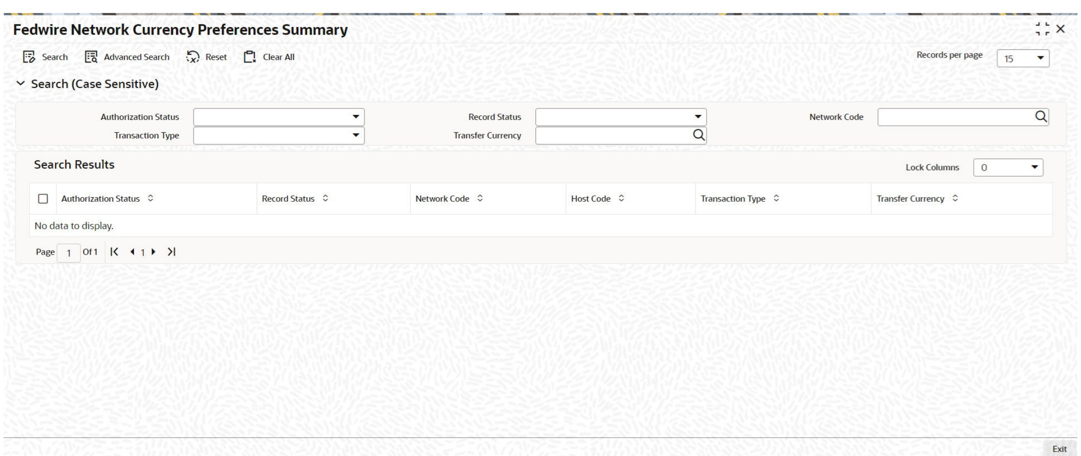
- Fedwire Network Currency Preferences Summary

1.1.2.1 Fedwire Network Currency Preferences Summary

1. On Homepage, specify **PWSNCPRF** in the text box, and click next arrow.

   Fedwire Network Currency Preferences Summary screen is displayed.

   Figure 1-4 Fedwire Network Currency Preferences Summary

2. Search using one or more of the following parameters:
   - Authorization Status
   - Record Status

- Network Code
- Transaction Type
- Transfer Currency

3. Once you specified the parameters, click the Search button.

   System displays the records that match the search criteria.

1.2 Fedwire Directory

- Fedwire Directory Maintenances
- Fedwire Directory Upload

1.2.1 Fedwire Directory Maintenances

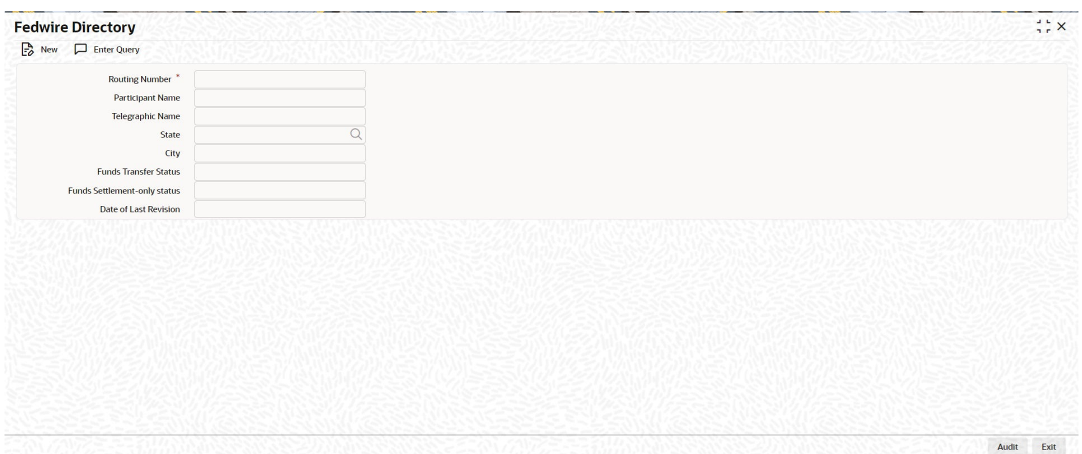
Fedwire Directory Maintenance can be used to maintain details of all types of Direct Fedwire participants. All the participants defined in this directory who are direct participants, can send/ receive to/from messages directly to Fedwire and settle payments on their Master account.

You can manually create new records through this maintenance screen or can upload the details through 'Fedwire Directory Upload' screen. Records created manually and the records uploaded can be viewed here.

1. On Homepage, specify **PMDFWDIR** in the text box, and click next arrow.

   Fedwire Directory screen is displayed.

Figure 1-5 Fedwire Directory



2. On **Fedwire Directory** screen, specify the fields.

   For more information about the fields, refer to field description below:

Table 1-3 Fedwire Directory - Field Description

Field	Description
Routing Number	Specify the routing number. It is a unique number and is mandatory. This is the 9 digit number of the Fedwire participant.
Participant Name	Specify the name of the Fedwire Participant.

Table 1-3 (Cont.) Fedwire Directory - Field Description

Field	Description
Telegraphic Name	Specify the short name of the Fedwire participant. This is an optional field with length of 18 characters.
State	Select the State from the list of values displayed. It is the 2 character code of the US state, where the Fedwire participant is located.
City	Specify the name of the City.
Funds Transfer Status	Select the Funds Transfer Status from the list of values displayed. This status indicates if the Fedwire Payment can be received by the participant and settled by Fedwire Clearing. The values are: • Yes - Eligible • No - Ineligible
Funds Settlement-only Status	Select the Funds Settlement Status from the list of values. This is an optional field and indicates if the settlement of payment is supported for the participant. The values are: • Blank • Settlement Only **Note** You can select the value in this field, only when the 'Funds Transfer Status' field has value of 'Yes- Eligible'.
Date of Last revision	Select the Last Revision date. This indicates the date, when the record was last updated in YYYYMMDD format Invoking Fedwire Directory Upload screen.

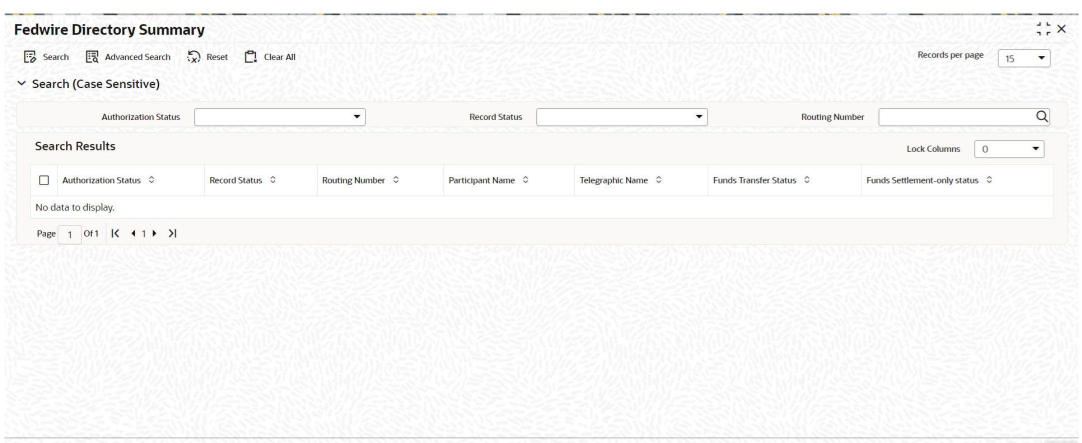
- Fedwire Directory Summary

1.2.1.1 Fedwire Directory Summary

1. On Homepage, specify **PMSFWDIR** in the text box, and click next arrow.

   Fedwire Directory Summary screen is displayed.

Figure 1-6 Fedwire Directory Summary



2. Search using one or more of the following parameters:
   - Authorization Status
   - Record Status
   - Routing Number
3. Once you specified the parameters, click the Search button.

   System displays the records that match the search criteria.

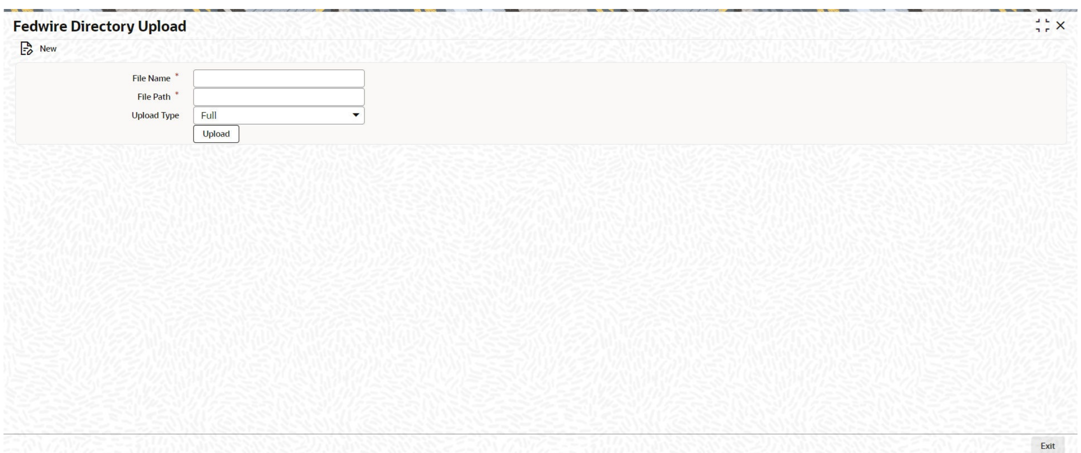
1.2.2 Fedwire Directory Upload

A facility is available for manual upload of Fedwire Directory using fixed length text file. The name of this screen is “Fedwire Directory Upload”.

1. On Homepage, specify **PMDFWUPD** in the text box, and click next arrow.

   Fedwire Directory Upload screen is displayed.

Figure 1-7 Fedwire Directory Upload



2. On **Fedwire Directory Upload** screen, specify the fields.

   For more information about the fields, refer to field description below:

Table 1-4 Fedwire Directory Upload - Field Description

Field	Description
File Name	Specify the File name of the Fedwire Directory text file.
File Path	Specify the DB server path where the Directory file is placed.
Upload Type	This field indicates if the file to be uploaded is a Full file containing all Fedwire participants or a Partial file containing records updated since a specific date in the past. Select the value from the following: • Full - All existing records in the Fedwire Directory table would be overwritten by the records in the uploaded file. • Partial - Only specific existing records in the Fedwire Directory table are overwritten by the records in the uploaded file. The records to be updated are identified based on routing number.

Table 1-4 (Cont.) Fedwire Directory Upload - Field Description

Field	Description
Upload	Click this button to initiate the process of picking up the file from the specified location, parsing it and inserting the records in the Fedwire Directory table.

1.3 Fedwire Connectivity

- Outgoing Fedwire Connectivity Details
- Incoming Fedwire Connectivity Details
- Fedwire Connector Start/Stop

1.3.1 Outgoing Fedwire Connectivity Details

You can capture specific JMS queues for outbound messages of FEDWIRE Network.

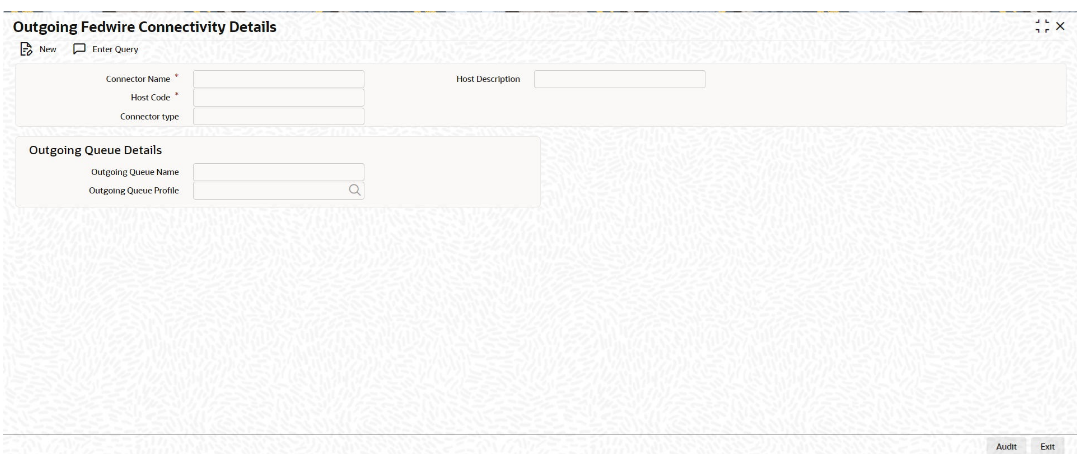
Below is the list of message types, which falls under the outbound messages category:

- Outbound Messages
  – Fund transfer messages
  – Service messages
  – Non Service messages

1. On Homepage, specify **PWDFDOCN** in the text box, and click next arrow.

   Outgoing Fedwire Connectivity Details screen is displayed.

   Figure 1-8 Outgoing Fedwire Connectivity Details

2. On **Outgoing Fedwire Connectivity Details** screen, specify the fields.

   For more information about the fields, refer to field description below:

Table 1-5 Outgoing Fedwire Connectivity Details - Field Description

Field	Description
Connector Name	Specify the Connector Name for which queue details to be mapped.
Host Code	System defaults the host code of transaction branch on click of 'New'.
Host Description	Displays the Description of the Host Code.
Connector type	Select the Connector type as given below: • Auto • Manual
Outgoing Queue Details	--
Outgoing Queue Name	Specify the JMS Queue name in which outbound messages gets dispatched.
Outgoing Queue Profile	Specify the JMS Queue Profile ID for Outbound Messages.

1.3.2 Incoming Fedwire Connectivity Details

You can capture specific JMS queues for inbound messages of FEDWIRE Network.

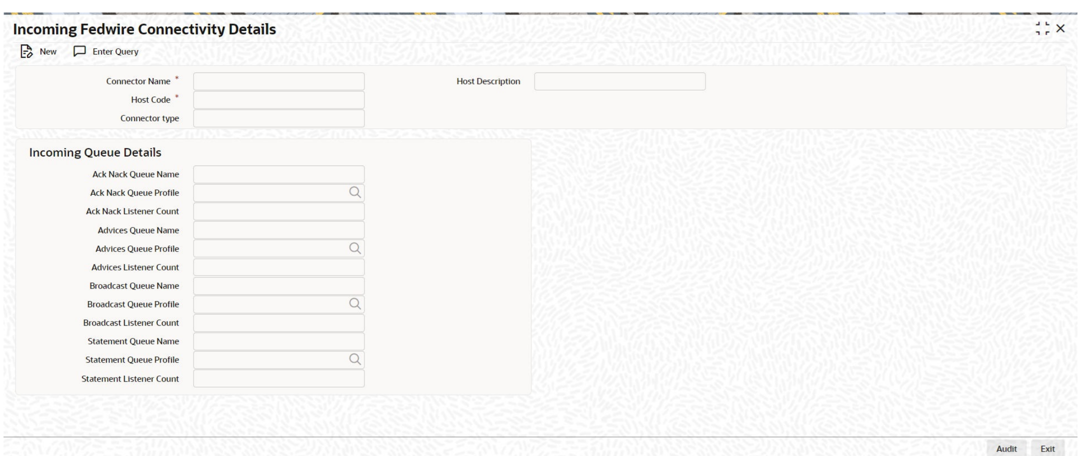
Below is the list of message types, which falls under the inbound messages category:

- Inbound Messages
  - Inbound fund transfer messages & normal Service messages
  - Acknowledgements & service responses
  - Broadcasts
  - Statements

1. On Homepage, specify **PWDFDICN** in the text box, and click next arrow.

   Incoming Fedwire Connectivity Details screen is displayed.

   Figure 1-9 Incoming Fedwire Connectivity Details

2. On **Incoming Fedwire Connectivity Details** screen, specify the fields.

   For more information about the fields, refer to field description below:

Table 1-6 Incoming Fedwire Connectivity Details - Field Description

Field	Description
Connector Name	Specify the Connector Name for which queue details to be mapped.
Host Code	System defaults the host code of transaction branch on click of 'New'.
Host Description	Displays the Description of the Host Code.
Connector type	Select the Connector type as given below: • Auto • Manual
<u>Incoming Queue Details</u>	--
AckNack Queue Name	Specify the JMS Queue name in which Ack/Nack messages received.
AckNack Queue Profile	Specify the JMS Queue Profile ID for Ack/Nack messages.
AckNack Listener Count	Specify the count of Listeners for Ack/Nack messages.
Advices Queue Name	Specify the JMS Queue name in which Funds transfer Service messages and Response to the Non Service messages gets received.
Advices Queue Profile	Specify the JMS Queue Profile ID for Advices.
Advices Listener Count	Specify the count of Listeners for Advices.
Broadcast Queue Name	Specify the JMS Queue name in which Broadcast messages gets received.
Broadcast Queue Profile	Specify the JMS Queue Profile ID for Broadcast Messages.
Broadcast Listener Count	Specify the count of Listeners for Broadcast Messages.
Statement Queue Name	Specify the JMS Queue name in which Statement messages gets received.
Statement Queue Profile	Specify the JMS Queue Profile ID for Statement Messages.
Statement Listener Count	Specify the count of Listeners for Statement Messages.

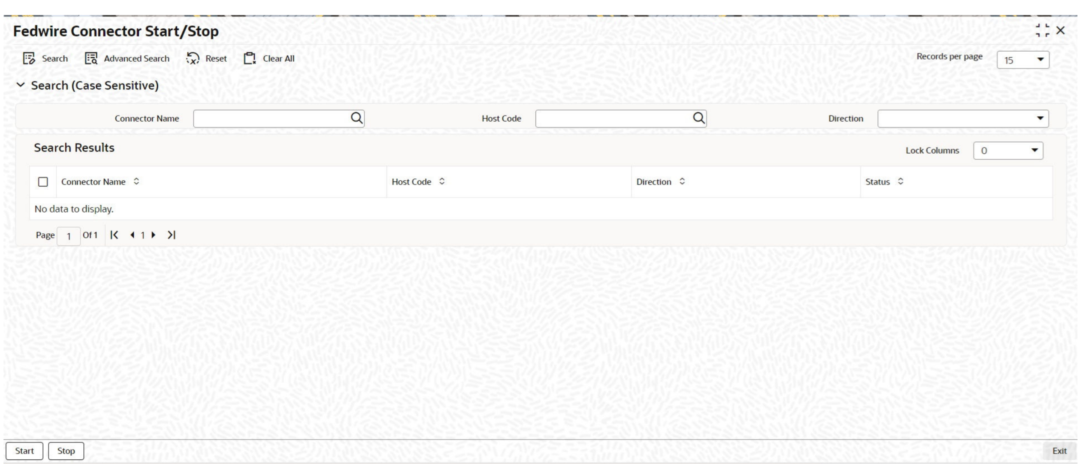
1.3.3 Fedwire Connector Start/Stop

You can view the summary in **Fedwire Connector Start/Stop** screen.

1. On Homepage, specify **PWSFDCST** in the text box, and click next arrow.

   Fedwire Connector Start/Stop screen is displayed.

Figure 1-10 Fedwire Connector Start/Stop



2. You can click Start/Stop button to start or stop specific JMS queues for inbound and outbound messages of Fedwire Network.
3. You can search using one or more of the following parameters:
   - Connector Name
   - Host Code
   - Direction
4. Once you specified the parameters, click the **Search** button.

   System displays the records that match the search criteria. You can view the following details:
   - Connector Name
   - Host Code
   - Direction
   - Status
5. Double click a record or select a record and click on **Details** button to view the detailed maintenance screen.

2 Fedwire Transactions

2.1 Fedwire Outbound Transactions

All outbound Fedwire transactions, reversal of the transactions can be done through these screens.

2.1.1 Outbound Fedwire Transaction Input

System supports Fedwire Outbound Payments for the below mentioned transfer type:

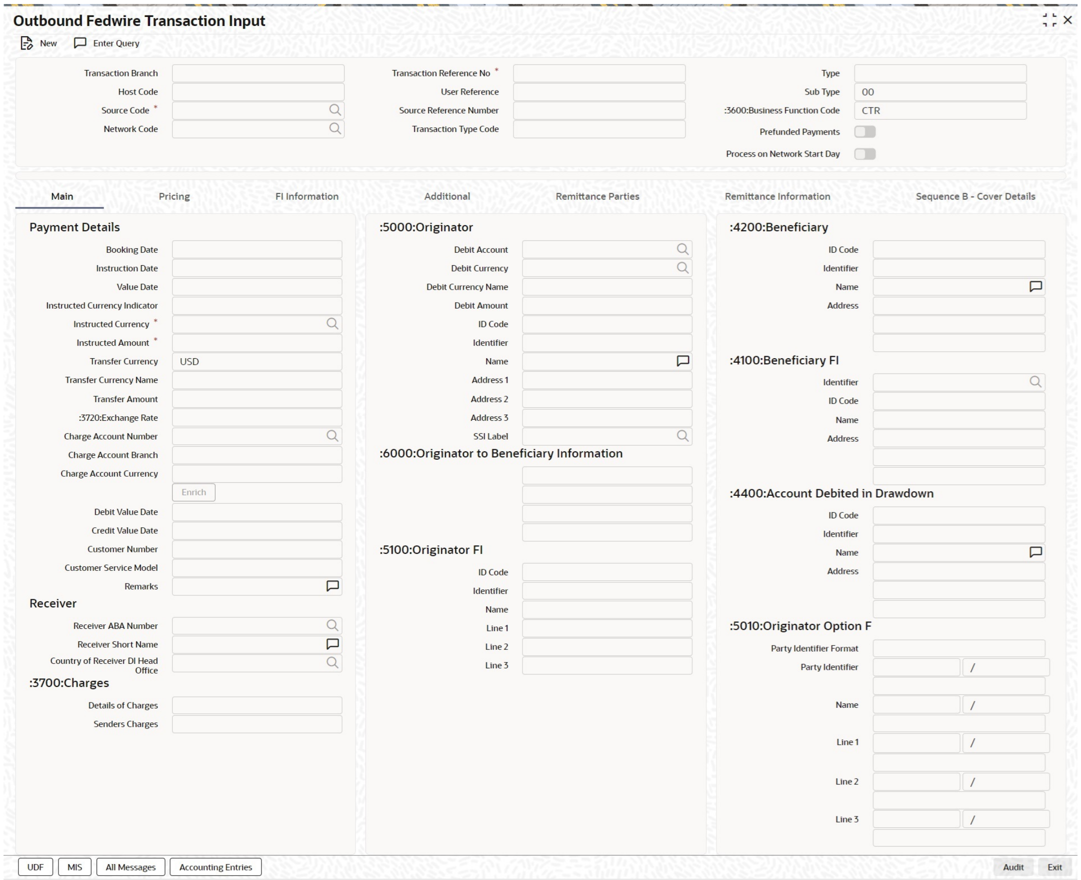
- Customer Transfer
- Bank Transfer

Outbound Fedwire payments can be manually booked from this screen.

1. On Homepage, specify **PWDOTONL** in the text box, and click next arrow.

   Outbound Fedwire Transaction Input screen is displayed.

Figure 2-1 Outbound Fedwire Transaction Input



2. The following tabs are visible on this screen:
   - Main
   - Pricing
   - FI Information
   - Additional
   - Remittance Parties
   - Remittance Information
   - Sequence B - Cover Details

- Outbound Fedwire Transaction Summary

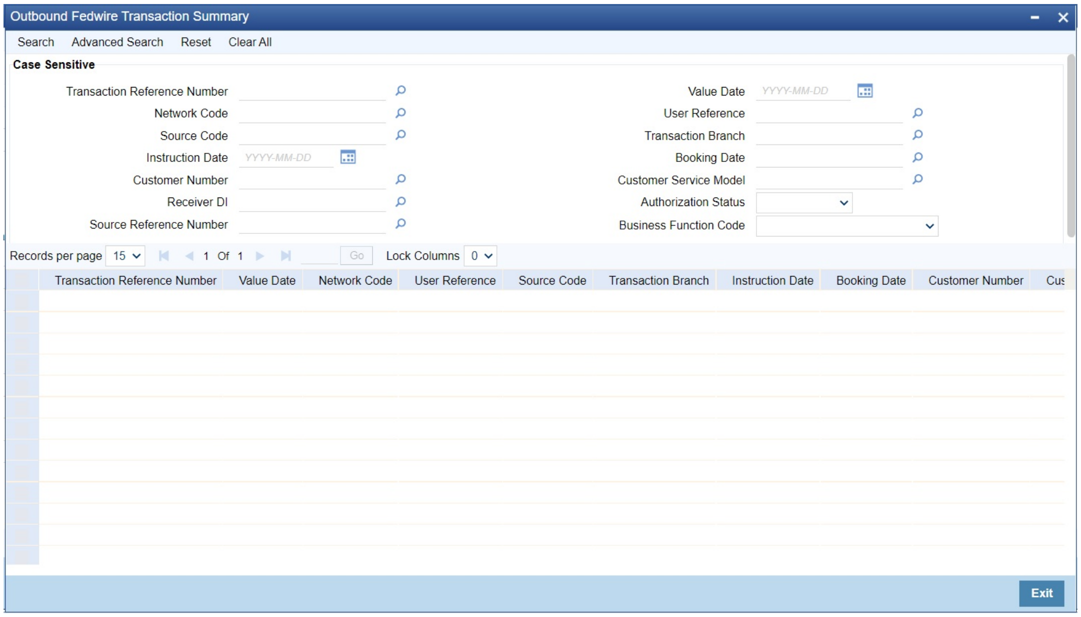
2.1.1.1 Outbound Fedwire Transaction Summary

You can view the outbound fedwire transactions summary in this screen.

1. On Homepage, specify **PWSOTONL** in the text box, and click next arrow.

   Outbound Fedwire Transaction Summary screen is displayed.

Figure 2-2   Outbound Fedwire Transaction Summary



2. Search using one or more of the following parameters:
3. Once you specified the parameters, click the Search button.

   System displays the records that match the search criteria.

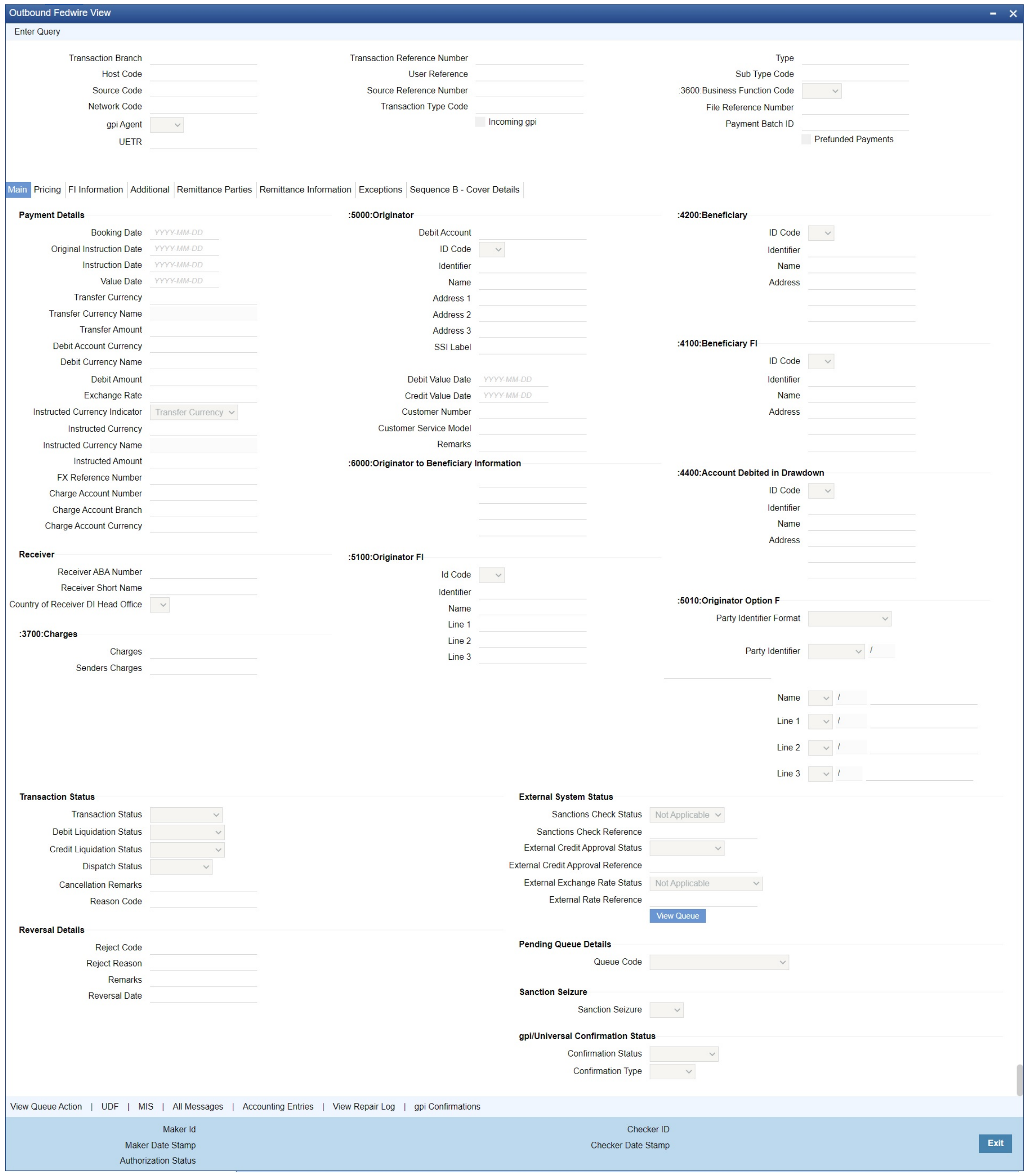
2.1.2 Outbound Fedwire View

You can view the details of an outbound Fedwire transaction in this screen.

1. On Homepage, specify **PWDOVIEW** in the text box, and click next arrow.

   Outbound Fedwire View screen is displayed.

Figure 2-3 Outbound Fedwire View



2. The following tabs are visible on this screen:
   - Main
   - Pricing
   - FI Information
   - Additional
   - Remittance Parties
   - Remittance Information
   - Exceptions
   - Sequence B - Cover Details

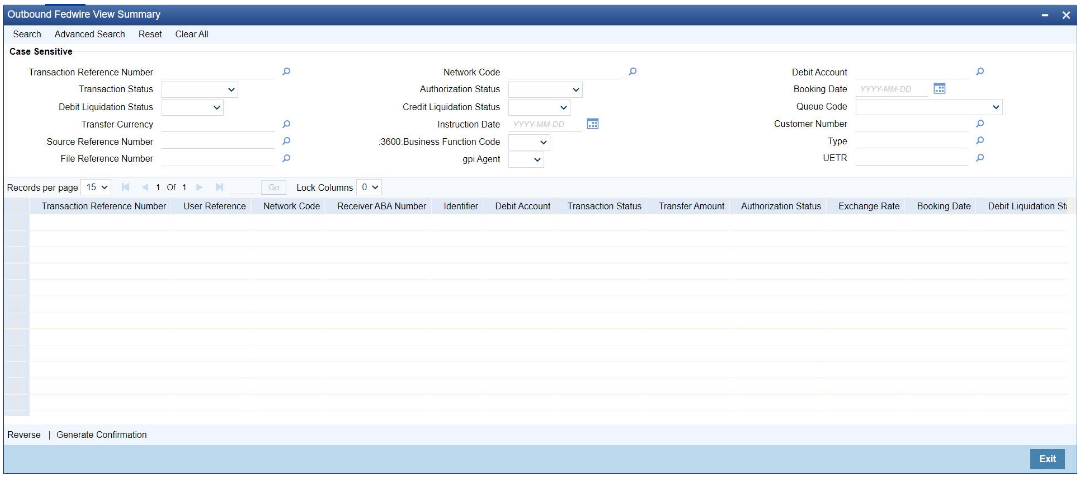
- [Outbound Fedwire View Summary]

2.1.2.1 Outbound Fedwire View Summary

1. On Homepage, specify **PWSOVIEW** in the text box, and click next arrow.

   Outbound Fedwire View Summary screen is displayed.

   Figure 2-4 Outbound Fedwire View Summary

2. Search for the records using one or more of the available parameters.
3. Once you specified the parameters, click the Search button.

   System displays the records that match the search criteria.
4. You can perform following actions:

Action	Description
Reverse	You can use this action for manually reversing the transaction. On clicking of the Reverse action button, the Fedwire Transaction Reversal Request (PWDTRNRV) get invoked to capture the reversal details.
Generate Confirmation	You can use this action for manually generating the Swift gpi/ Universal Confirmation.

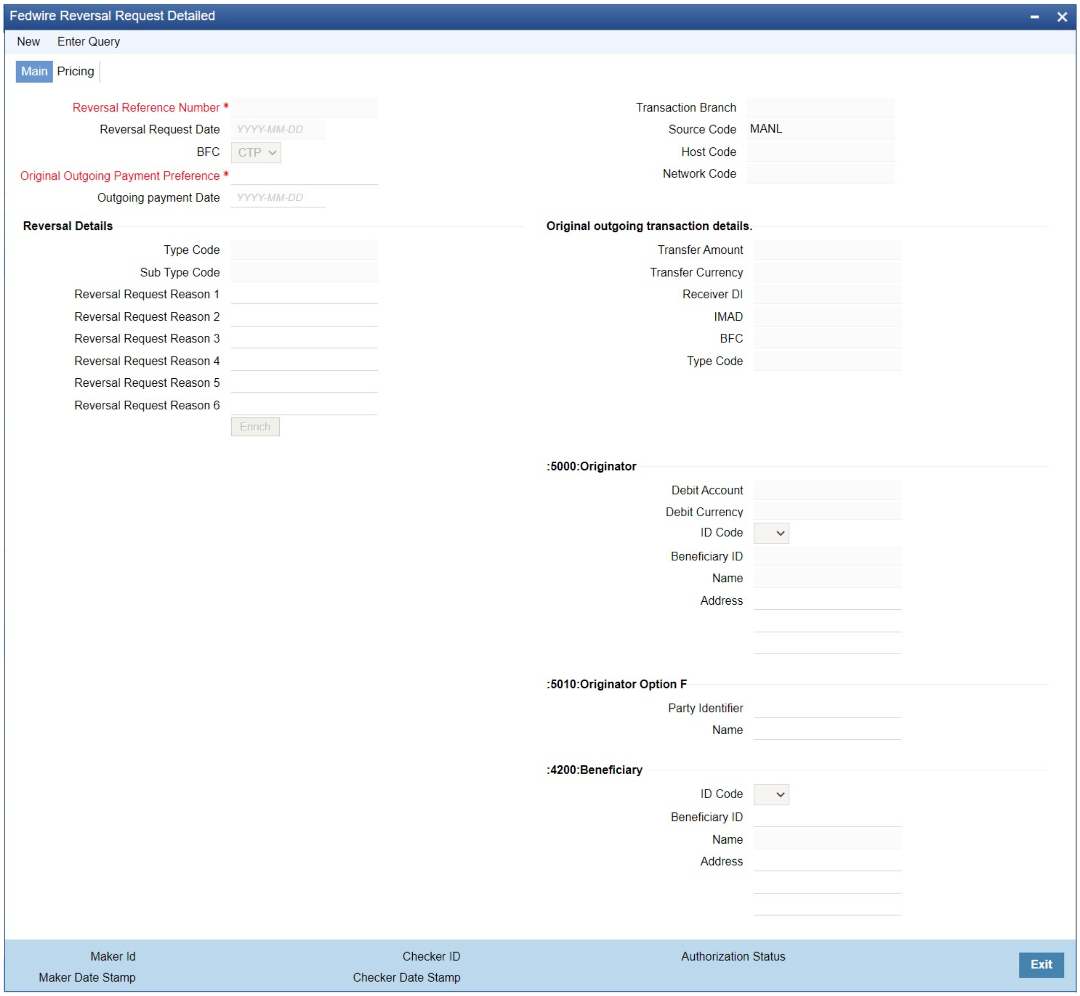
2.1.3 Fedwire Reversal Request Detailed

A new Transaction Input screen is created for initiating Request for Reversal of a Fedwire payment sent in the current or previous Fedwire business day.
You can view the details of a Fedwire Reversal Request Detailed in the “Fedwire Reversal Request Detailed” Screen.

1. On Homepage, specify **PWDOTREV** in the text box, and click next arrow.

   Fedwire Reversal Request Detailed screen is displayed.

Figure 2-5 Fedwire Reversal Request Detailed



2. The following tabs are available in this screen:.

   Main

   You can specify the Main details of the Fedwire Reversal Request like Reversal Details, Original Outging Transaction Details, Originator and Beneficiary details.

   Pricing

   Pricing related information of the Fedwire Reversal Request are available in this tab.

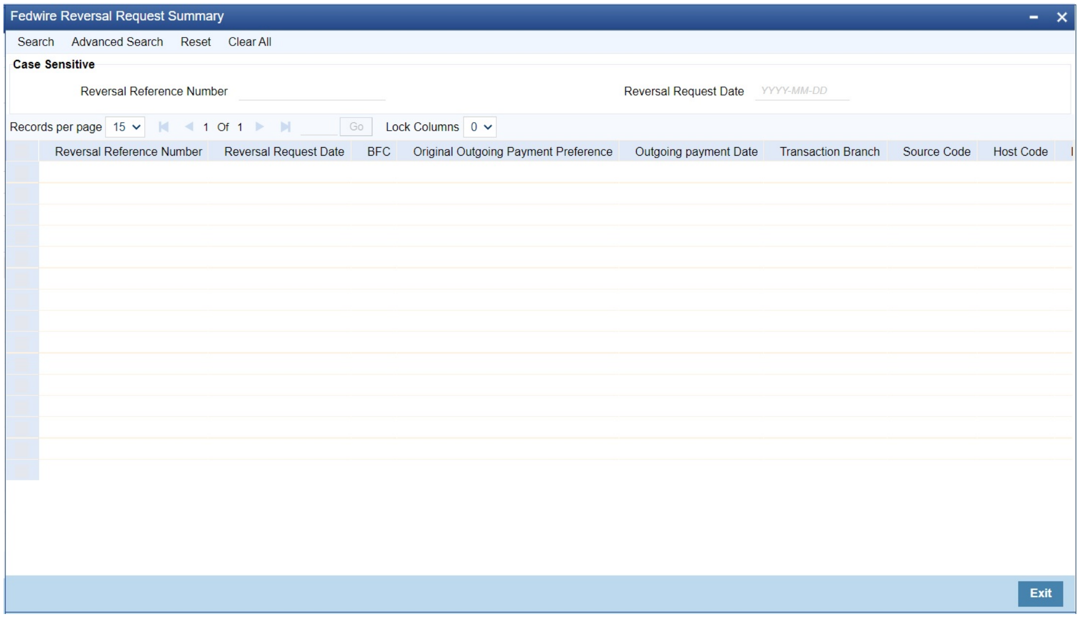
- Fedwire Reversal Request Summary

2.1.3.1 Fedwire Reversal Request Summary

1. On Homepage, specify **PWSOTREV** in the text box, and click next arrow.

   Fedwire Reversal Request Summary screen is displayed.

Figure 2-6   Fedwire Reversal Request Summary



2. Search for the records using one or more of the available parameters.
3. Once you specified the parameters, click the Search button.

   System displays the records that match the search criteria.

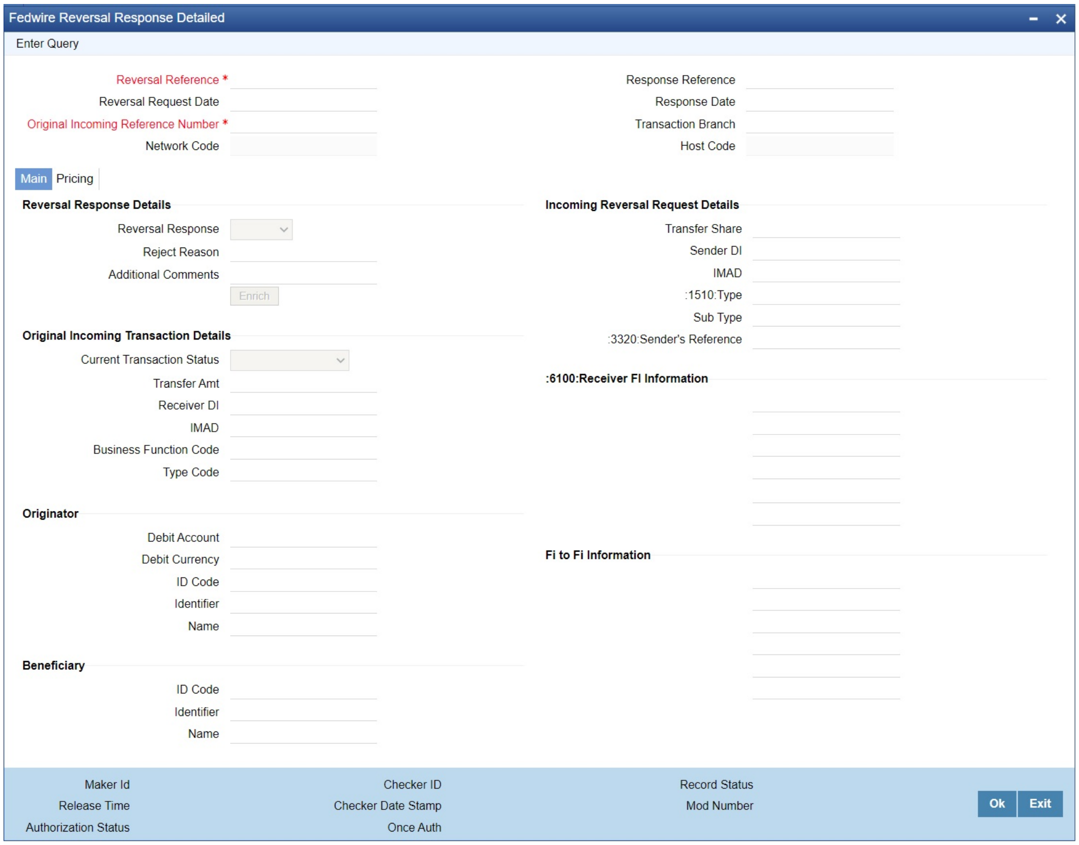
2.1.4 Fedwire Reversal Response Detailed

All the Reversal requests that are successful, are made available in the Reversal response screen for Ops decision. Responses for the reversal requests initiated is given through this screen.

1. On Homepage, specify **PWDREVRS** in the text box, and click next arrow.

   Fedwire Reversal Response Detailed screen is displayed.

Figure 2-7 Fedwire Reversal Response Detailed



2. On **Fedwire Reversal Response Detailed** screen, specify the fields.
3. The following tabs are available in this screen.

   Main

   You can specify the Main details of the Fedwire Reversal Response like Reversal Response Details, Original Incoming Transaction Details, Originator, Beneficiary details, Incoming Reversal Request details, and Fi to FI Information.

   Pricing

   Pricing related information of the Fedwire Reversal Request are available in this tab.

- Fedwire Reversal Response Summary

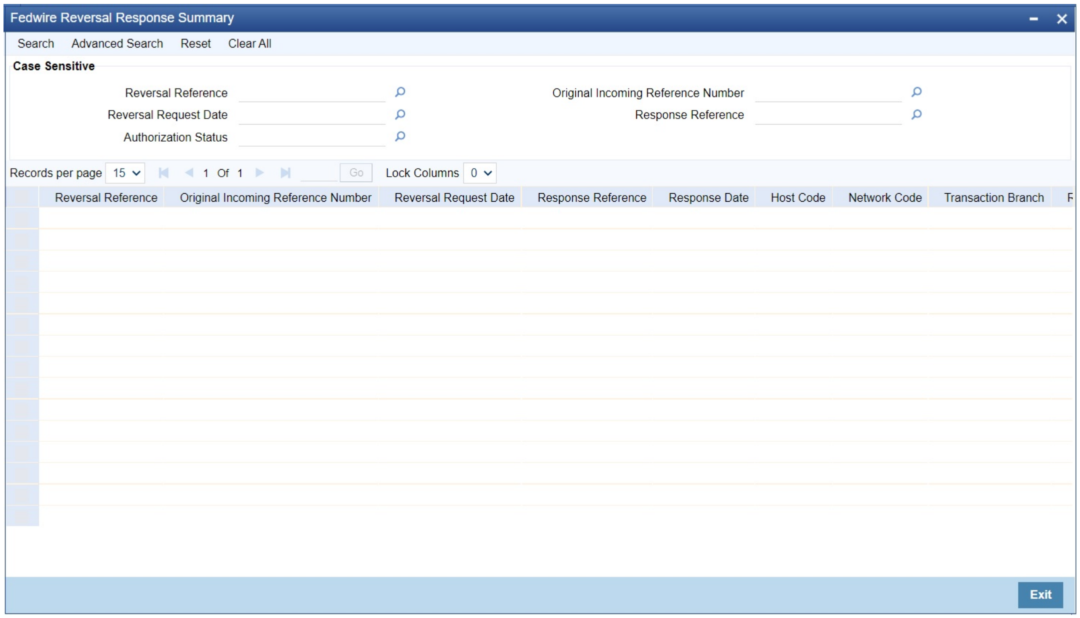
2.1.4.1 Fedwire Reversal Response Summary

You can search for reversal response records in this screen.

1. On Homepage, specify **PWSREVRS** in the text box, and click next arrow.

   Fedwire Reversal Response Summary screen is displayed.

Figure 2-8 Fedwire Reversal Response Summary



2. Search using one or more of the available parameters.
3. Once you specified the parameters, click the Search button.

   System displays the records that match the search criteria.

2.1.5 Fedwire Service Message Detailed

You can initiate Fedwire Service Message.

This input screen allows you to initiate Service messages with reference to any Fedwire value and non-value message sent or received earlier.

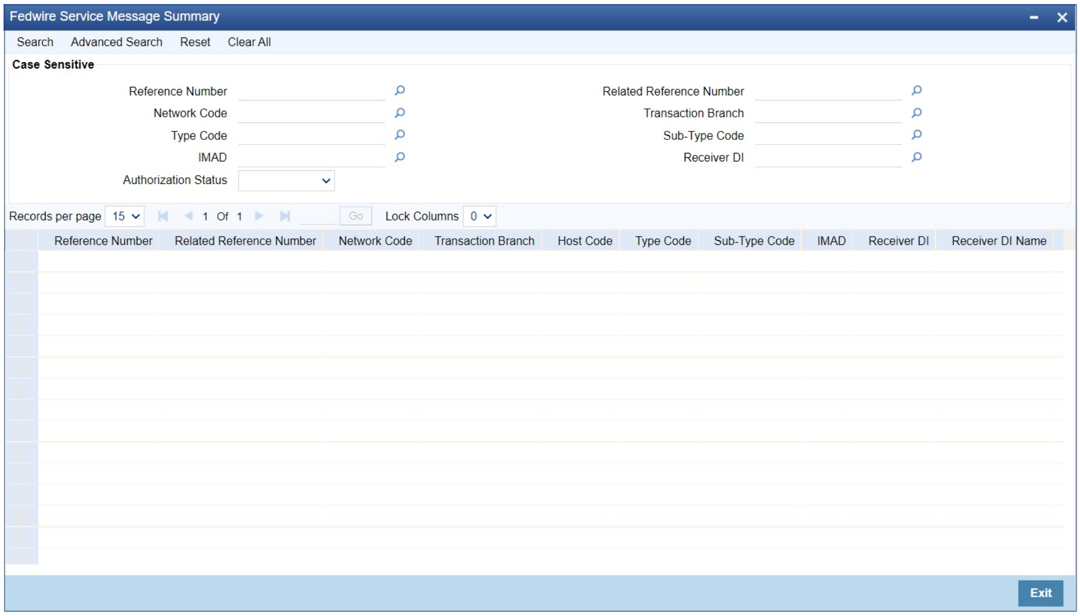
- Fedwire Service Message Summary

2.1.5.1 Fedwire Service Message Summary

1. On Homepage, specify **PWSSVCME** in the text box, and click next arrow.

   Fedwire Service Message Summary screen is displayed.

Figure 2-9 Fedwire Service Message Summary



2. Search for the records using one or more of the available parameters.
3. Once you specified the parameters, click the Search button.

   System displays the records that match the search criteria.

2.2 Fedwire Inbound Transactions

All inbound Fedwire transactions, reversal of the transactions can be done through these screens.

- Inbound Fedwire Transaction Input
- Inbound Fedwire View
- Fedwire Reversal Request Queue Summary

2.2.1 Inbound Fedwire Transaction Input

System supports Fedwire Incoming Payments for the below mentioned transfer type:

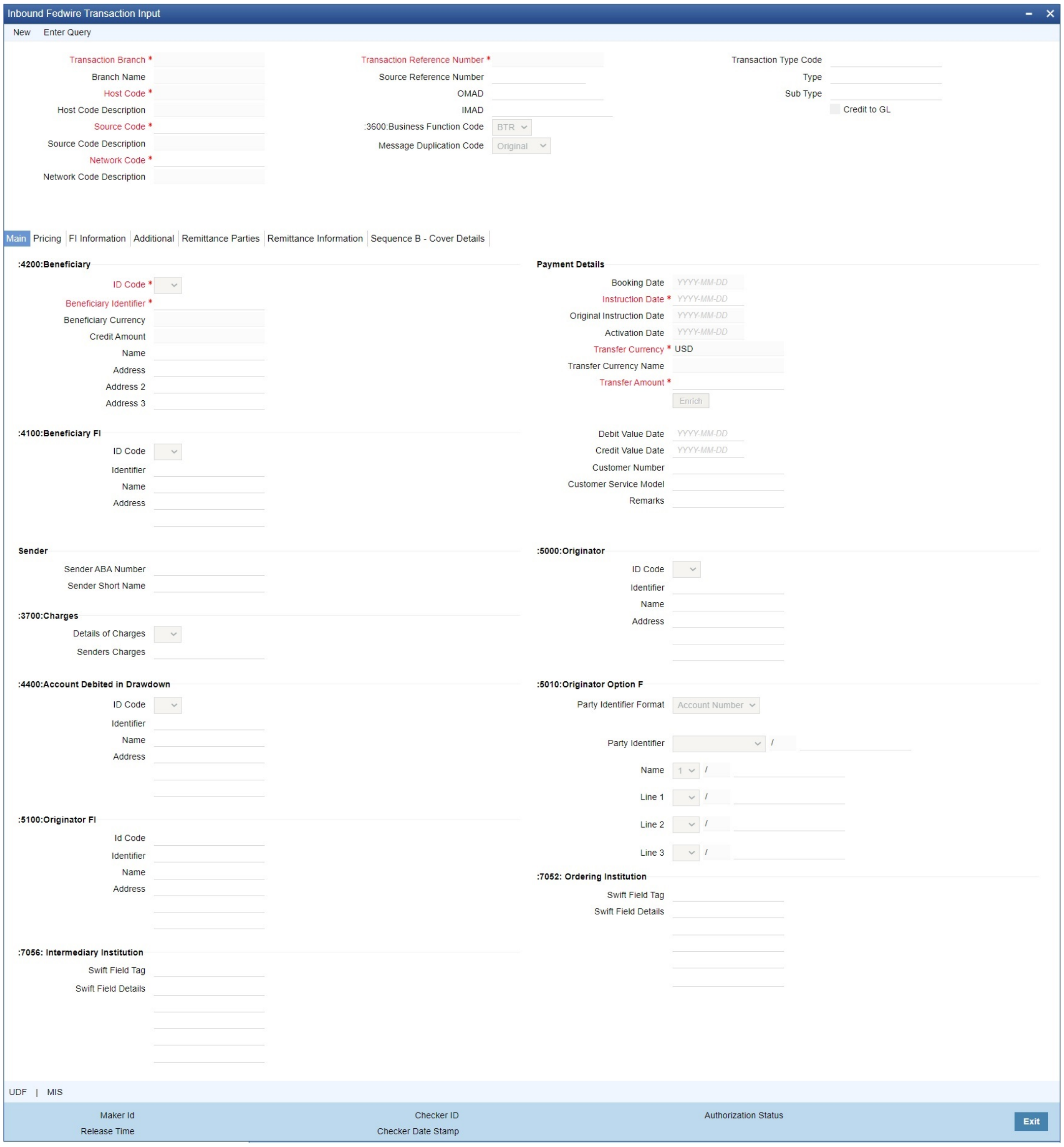
- Customer Transfer
- Bank Transfer

Inbound Fedwire payments can be manually booked from this screen in case the inward Fedwire message cannot be received or processed due to any reason.

1. On Homepage, specify **PWDITONL** in the text box, and click next arrow.

   Inbound Fedwire Transaction Input screen is displayed.

Figure 2-10 Inbound Fedwire Transaction Input



2. The following tabs are visible on this screen:
   - Main
   - Pricing
   - FI Information
   - Additional
   - Remittance Parties
   - Remittance Information

- Inbound Fedwire Transaction Summary

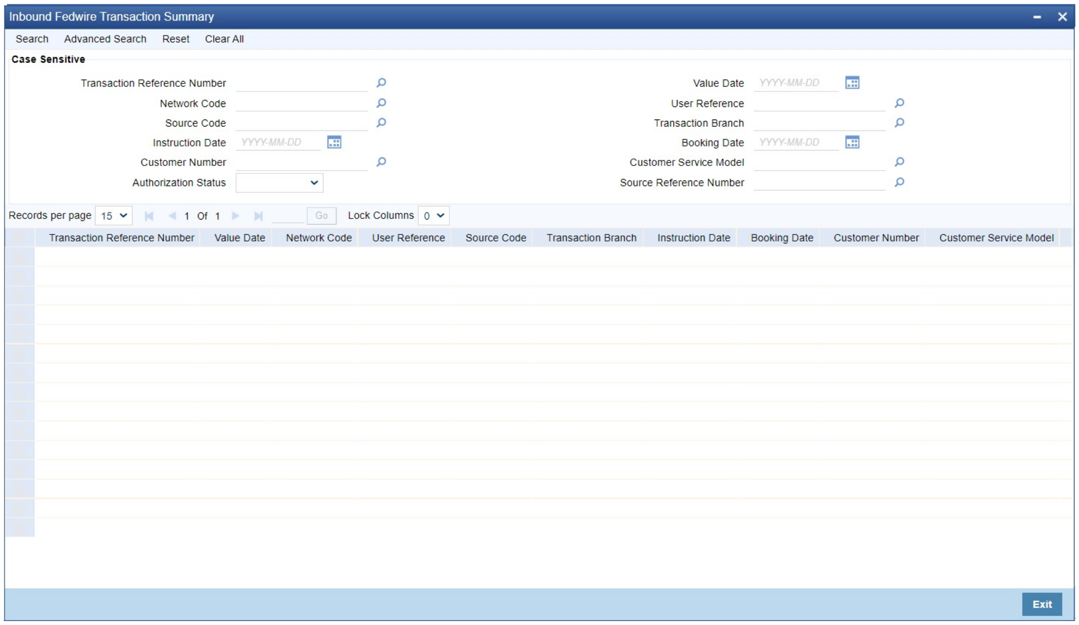
2.2.1.1 Inbound Fedwire Transaction Summary

You can view the summary in “Inbound Fedwire Transaction Summary” screen.

1. On Homepage, specify **PWSITONL** in the text box, and click next arrow.

Inbound Fedwire Transaction Summary screen is displayed.

Figure 2-11 Inbound Fedwire Transaction Summary



2. Search for the records using one or more of the available parameters.
3. Once you specified the parameters, click the Search button.

   System displays the records that match the search criteria.

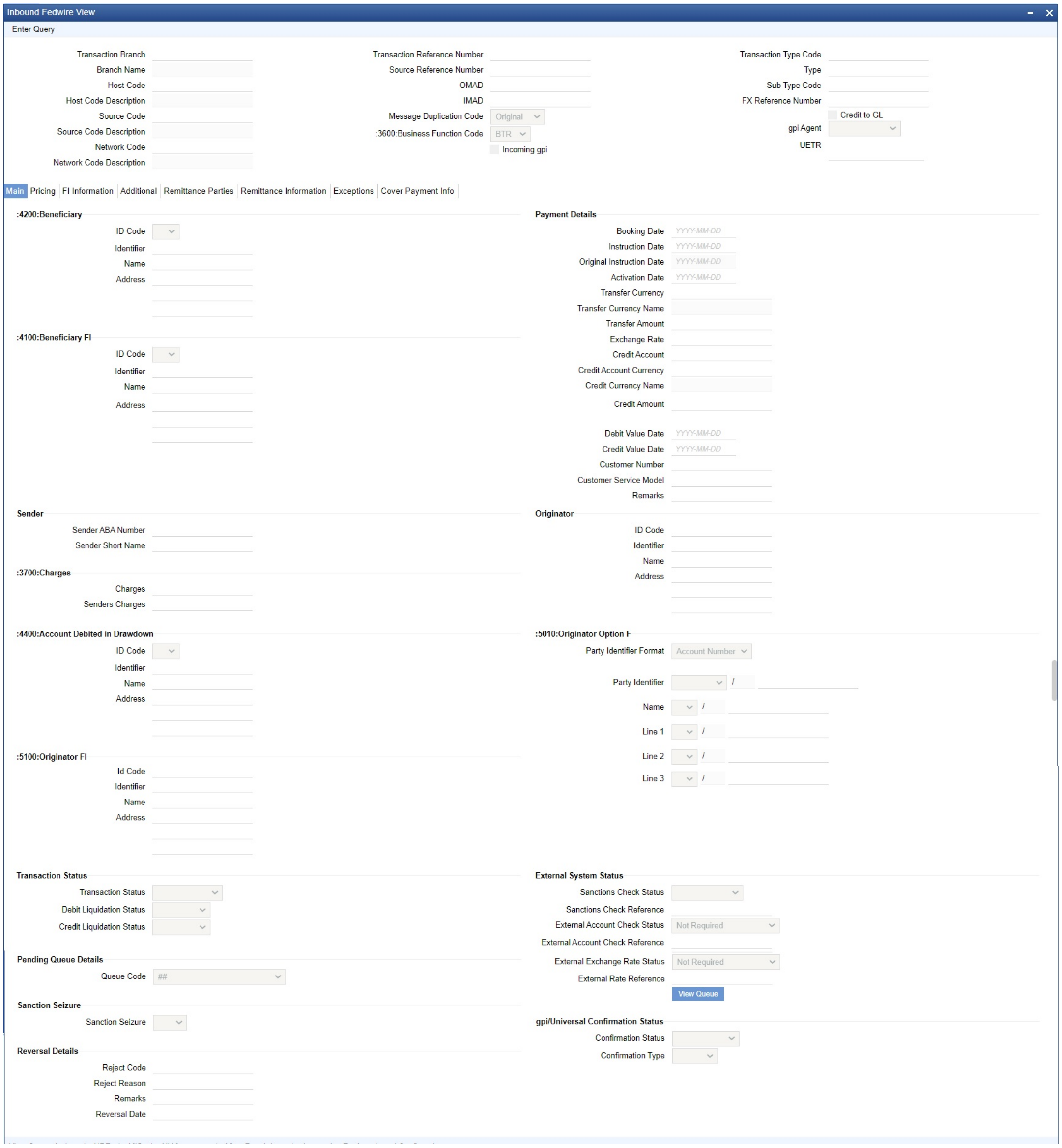
2.2.2 Inbound Fedwire View

You can view the details of an Incoming Fedwire transaction in the “Inbound Fedwire View” Screen

1. On Homepage, specify **PWDIVIEW** in the text box, and click next arrow.

   Inbound Fedwire View screen is displayed.

Figure 2-12 Inbound Fedwire View



2. The following tabs are visible on this screen:
   - Main
   - Pricing
   - FI Information
   - Additional
   - Remittance Parties
   - Remittance Information
   - Exceptions
   - Cover Payment Info

   View Queue

   This button launches the corresponding Queue screen, where the transaction is currently held. The Queue screen will be launched in query mode, listing this transaction alone.

- Click **Execute Query** to populate the details of the transaction in the Inbound Fedwire View Detailed screen.

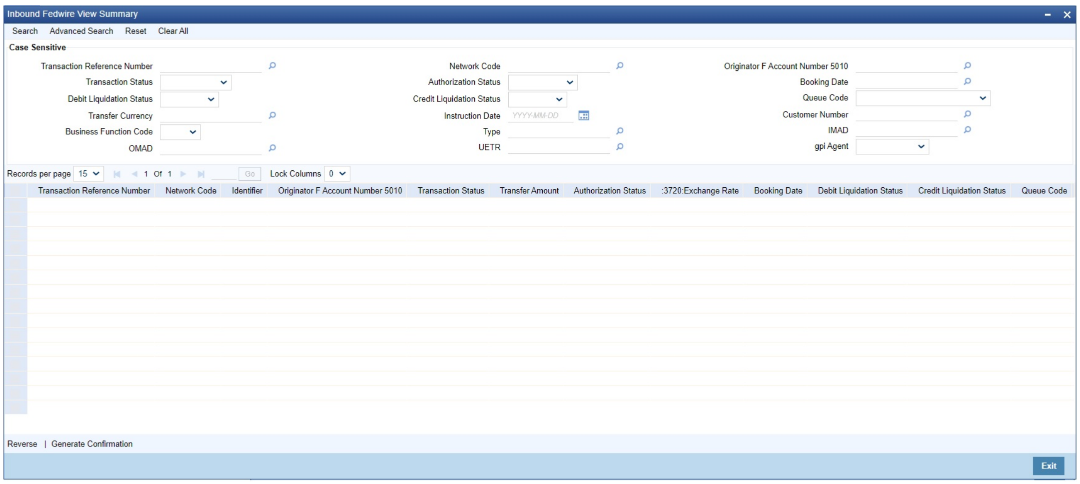
- Inbound Fedwire View Summary

2.2.2.1 Inbound Fedwire View Summary

1. On Homepage, specify **PWSIVIEW** in the text box, and click next arrow.

   Inbound Fedwire View Summary screen is displayed.

Figure 2-13 Inbound Fedwire View Summary



2. Search for the records using one or more of the available parameters.
3. Once you specified the parameters, click the Search button.

   System displays the records that match the search criteria.
4. Below actions are allowed in this Summary screen:

Action	Description
Reverse	You can use this action for manually reversing the transaction. On clicking of the Reverse action button, the Fedwire Transaction Reversal Request (PWDTRNRV) get invoked to capture the reversal details.
Generate Confirmation	You can use this action for manually generating the Swift gpi/ Universal Confirmation.

2.2.3 Fedwire Reversal Request Queue Summary

1. On Homepage, specify **PQSFREVQ** in the text box, and click next arrow.

   Fedwire Reversal Request Queue Summary screen is displayed.
2. You can search for the records using one or more of the available parameters.
3. Once you specified the parameters, click the Search button.

   System displays the records that match the search criteria.
4. Below actions are allowed in this Summary screen:

Action	Description
View Reversal Transaction	On clicking of 'View Reversal Transaction' action, the reversal request transaction screen ‘PWDIREVW’ gets launched displaying the reversal request transaction details.
View Queue Action	After clicking View Queue Action, existing Queue Action screen ‘PQDQUACL’ gets launched and displays all the user actions taken on the reversal request transaction from this screen.
Manual Match	This action is allowed if the reversal request match status is 'Unmatched'. A Manual Match sub screen is launched to capture the Inbound Fedwire Transaction Reference.
Accept	This action is allowed if the reversal request match status is 'Unmatched'. A Reversal Response sub screen is launched to capture the remarks.
Reject	This action is allowed if the reversal request match status is 'Unmatched'. The sub screen which gets launched for 'Accept' user action to capture the remarks. The user action field is populated as 'Reject'.
Authorize	This action is allowed only if the user has required role/user level access and if the user is different from maker. This action launches sub screens based on the last user action to capture the Authorizer's remarks and the authorization processing for the last user action gets triggered.
Delete	This action is allowed if the current user is the maker of that user action. Queue action log gets deleted. Authorization status is made blank. If last user action is Accept or Reject, the 'Queue status' field is marked as 'Pending'. If last user action is Manual Match, then the 'Queue Status' field is marked as 'Pending'.

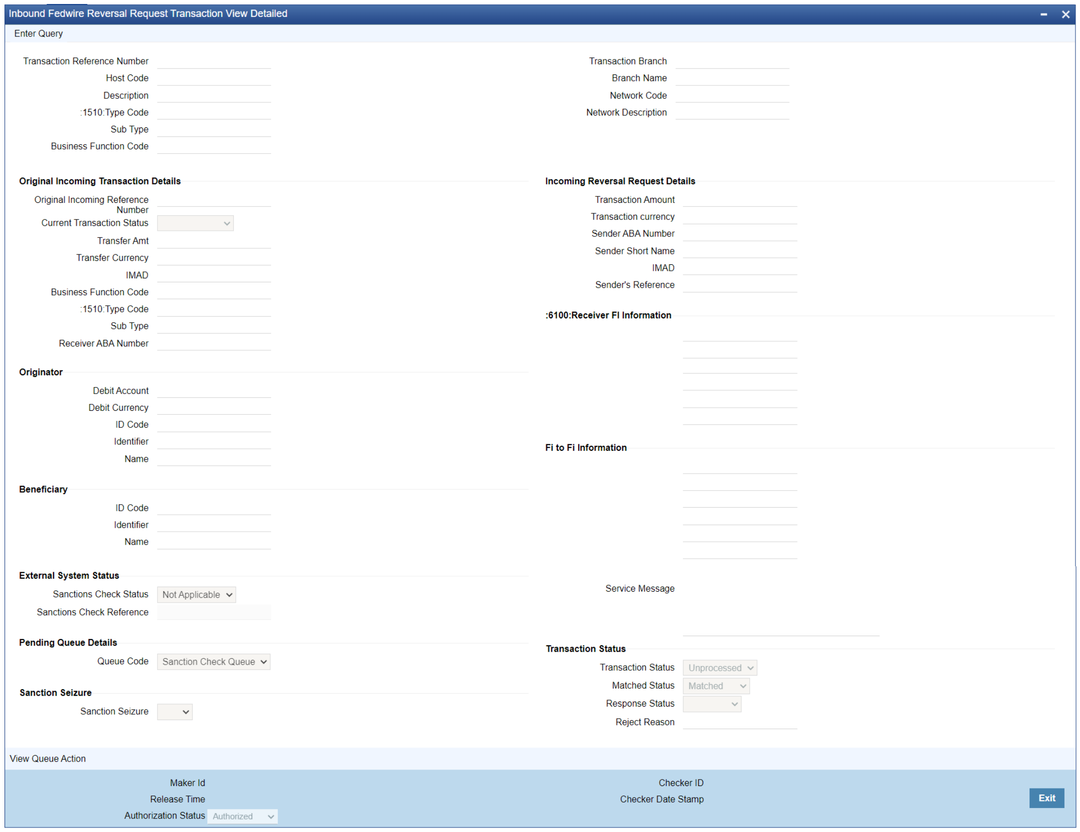
- Inbound Fedwire Reversal Request Transaction View Detailed

2.2.3.1 Inbound Fedwire Reversal Request Transaction View Detailed

- Click on **View Reversal Transaction** button on the Fedwire Reversal Request Queue Summary (PQSFREVQ) screen to invoke the **Inbound Fedwire Reversal Request Transaction View Detailed** (PWDIREVW) screen.

  The **Inbound Fedwire Reversal Request Transaction View Detailed** screen displays the reversal request transaction details.

Figure 2-14   Inbound Fedwire Reversal Request Transaction View Detailed



2.3 Fedwire Browser

- Fedwire Outbound Browser Summary
- Fedwire Inbound Message Browser Summary
- Fedwire Incoming Service Message View
- Fedwire Broadcasts & Statements Browser Summary

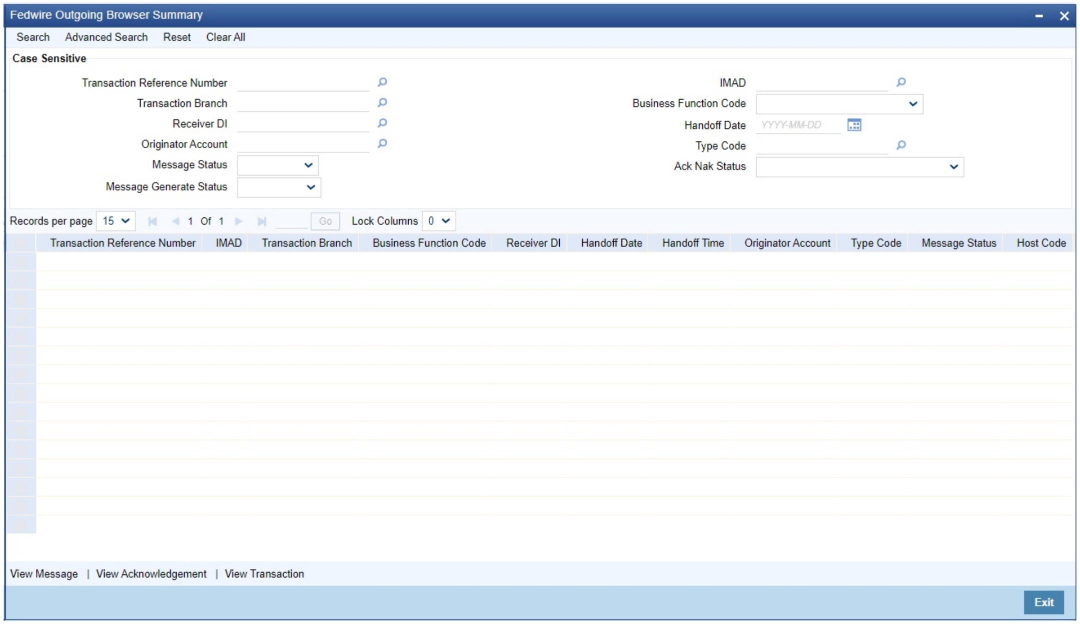
2.3.1 Fedwire Outbound Browser Summary

You can view all the outbound Fedwire messages sent through this screen. All the outbound messages of all the message status are displayed here.

1. On Homepage, specify **PWSOTBRW** in the text box, and click next arrow.

   Fedwire Outbound Browser Summary screen is displayed.

Figure 2-15 Fedwire Outgoing Browser Summary



2. Search using one or more of the available parameters.
3. Once you specified the parameters, click the Search button.

   System displays the records that match the search criteria.
4. Below actions are allowed in this Summary screen:

Action	Description
View Message	Also you can view the outbound Fedwire message details by clicking the ‘View Message’ action button, present in the bottom of the screen.
View Acknowledgement	Also you can view the ack message sent by clicking the ‘View Acknowledgement ’ action button, present in the bottom of the screen.
View Transaction	Also you can view the Outbound Fedwire View screen by clicking the ‘View Transaction’ action button, present in the bottom of the screen.

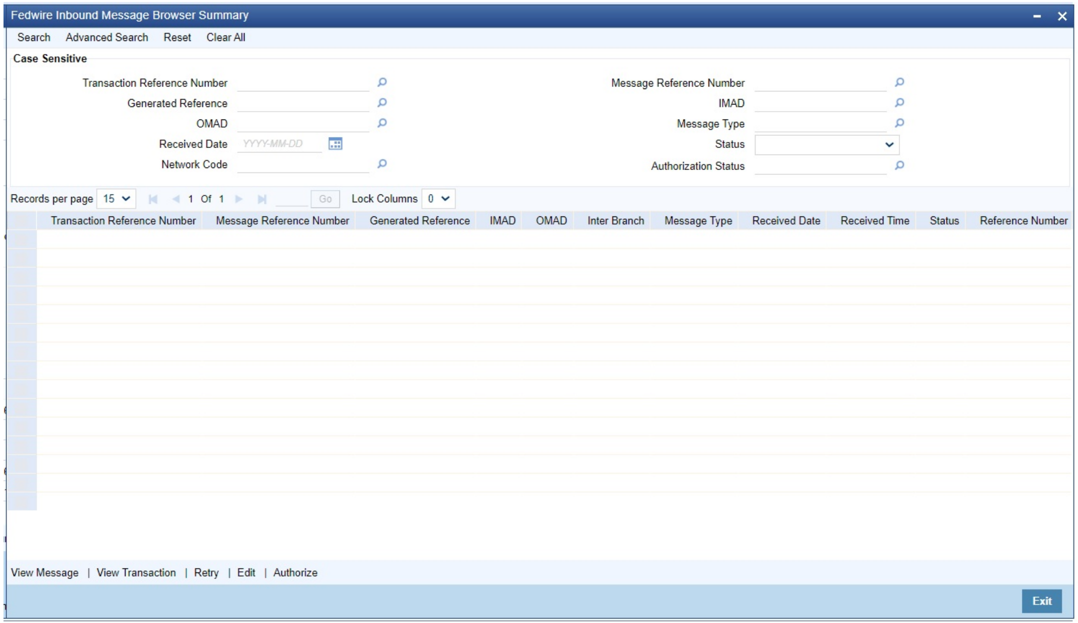
2.3.2 Fedwire Inbound Message Browser Summary

You can view the uploaded inbound Fedwire messages and its related transactions, if any through this screen. All Service messages, received by the system, are displayed here.

1. On Homepage, specify **PWSSVCBR** in the text box, and click next arrow.

   Fedwire Inbound Message Browser Summary screen is displayed.

Figure 2-16 Fedwire Inbound Message Browser Summary



2. Search for records using one or more of the available parameters.
3. Once you specified the parameters, click the Search button.

   System displays the records that match the search criteria.
4. Select a record and click on View Message or View Transaction button to view the detailed transaction or uploaded inbound message.
5. Below actions are allowed in this Summary screen:

Action	Description
View Message	You can view the uploaded inbound Fedwire message by clicking the **View Message** action button, present in the bottom of the screen. The uploaded inbound message gets displayed. You need to select a record and click on ‘View Message’to view the message details.
View Transaction	Click on **View Transaction** button, detailed Inbound FEDWIRE view screen gets displayed to view the Transaction linked to an uploaded inbound Fedwire message. You need to select a record and click on ‘View Transaction’ to view the linked transaction in detailed view: • Fedwire Incoming transaction view screen (PWDIVIEW) gets launched for Fedwire Incoming payment. • Cross Border Outbound transaction view (PXDOVIEW) screen gets launched for the Fedwire pass-through payment.

	Note In case the Incoming Fedwire transaction is in Non-STP queue, the launched Fedwire Incoming transaction view screen (PWDIVIEW) do not shows any transaction data.
Retry	This action is allowed only if the message status is 'Failed', and authorization status is 'Blank'/ 'Authorized'. The inbound Fedwire message upload processing gets triggered. The payment type is resolved first. • If the payment type is resolved as Fedwire inbound, then an inbound Fedwire transaction is booked. • If the payment type is resolved as Cross Border pass-through, then an outbound Cross Border transaction is booked. • If the payment type resolution is failed again, the status field in Inbound Fedwire message browser is updated to 'Failed' and Error code/Error description is populated again. **Note** It is expected that user maintains the required D to A maintenance before retrying message upload.
Edit	This action is allowed only if the status is in 'Failed'.
Authorize	This action is allowed only if the user has required role/user level access and if the user is different from maker.

2.3.3 Fedwire Incoming Service Message View

Processing of Incoming Service Messages would involve linking them to underlying payment transactions and making them available to be viewed in the relevant View screen.

On receipt of incoming Service message, system would attempt to match it to an underlying outgoing/incoming payment transaction (including Drawdown or Reversal payment), Once the underlying transaction or message is identified, system would validate that the Sender DI of the Service message is either the Receiver DI or Sender DI of the identified underlying transaction or message.

- Thereafter, system would generate Sanctions request for the received Service message and send it to Sanctions system.
  - This would involve including the actual Service message in a message block in the Sanctions request and sending it to Sanctions system.
- Once the underlying transaction or message is identified, system would validate that the Sender DI of the Service message is either the Receiver DI or Sender DI of the identified underlying transaction or message.

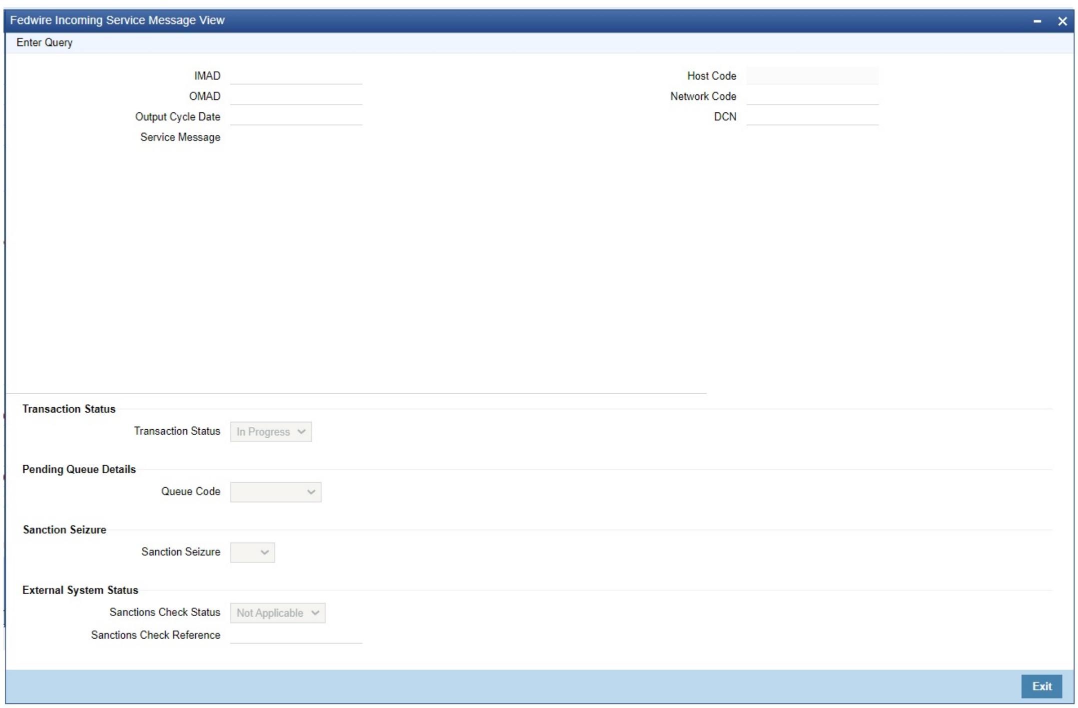
- Thereafter, system would generate Sanctions request for the received Service message and send it to Sanctions system.
  - This would involve including the actual Service message in a message block in the Sanctions request and sending it to Sanctions system.
- On receiving an Approved response from Sanctions system, the incoming Service message would be linked to the matched Payment or Request transaction, and would be available to be viewed in the relevant View screen.
- If any status other than Approved is received from Sanctions system then system will move the incoming Service message to the existing Sanctions queue.
  - You can take appropriate action on the message in the queue similar to the existing functionality for payment transactions.
  - If Auto-cancellation has been configured for a Reject response from Sanctions then the incoming Service message would be auto-canceled.

If the incoming Service message could not be matched to any payment/request transaction then it would be available to be viewed in a Fedwire Incoming Service Message View screen.

1. On Homepage, specify **PWDISMVW** in the text box, and click next arrow.

   Fedwire Incoming Service Message View screen is displayed.

Figure 2-17 Fedwire Incoming Service Message View



2. Specify the 'DCN' and click on enter query button to view the details. System displays the following details on clicking Execute Query.

- Fedwire Incoming Service Message View Summary
- Inbound Fedwire Reversal Request Transaction View Detailed

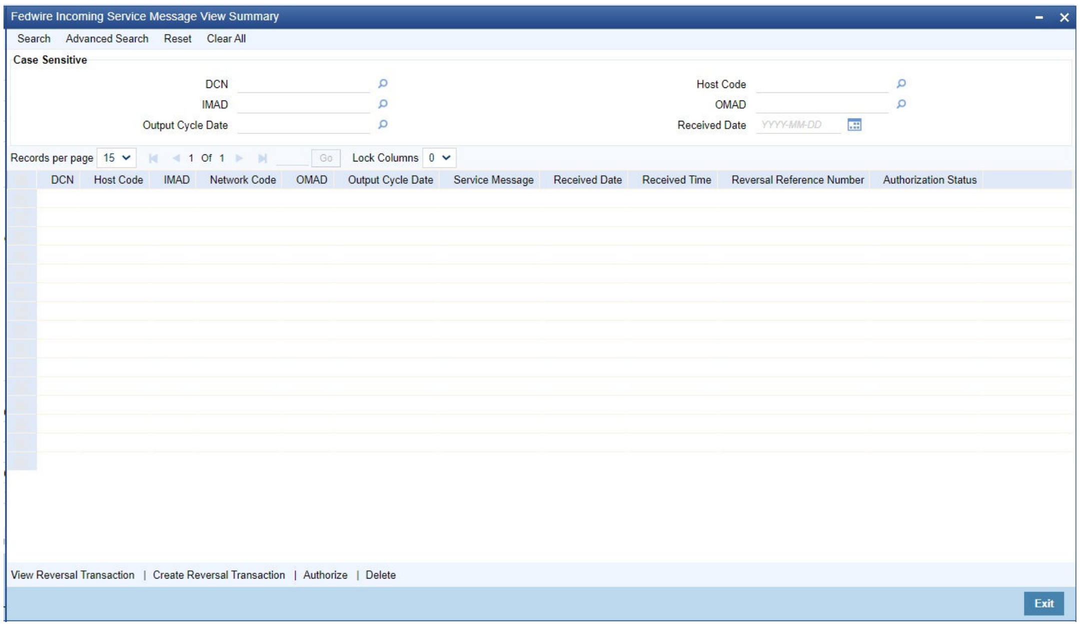
2.3.3.1 Fedwire Incoming Service Message View Summary

This screen enables you to query for incoming service messages that were not matched with any underlying transaction or message.

1. On Homepage, specify **PWSISMVW** in the text box, and click next arrow.

   Fedwire Incoming Service Message View Summary screen is displayed.

Figure 2-18   Fedwire Incoming Service Message View Summary



2. Search using one or more of the available parameters.
3. Once you specified the parameters, click the Search button.

   System displays the records that match the search criteria.
4. Double click a record or select a record and click on **Details** button to view the detailed input screen.
5. You can perform following actions:

Action	Description
View Reversal Transaction	Click on 'View Reversal Transaction' action to launch the reversal request transaction screen ‘PWDIREVW’ that displays the reversal request transaction details.
Create Reversal Request	This action is allowed if the reversal request reference is blank. A new sub screen gets launched to capture the remarks and a provision to match with an existing inbound Fedwire transaction.
Authorize	This action launches the same sub screen that is launched for the 'Create Reversal Request' action to capture the authorizer remarks.

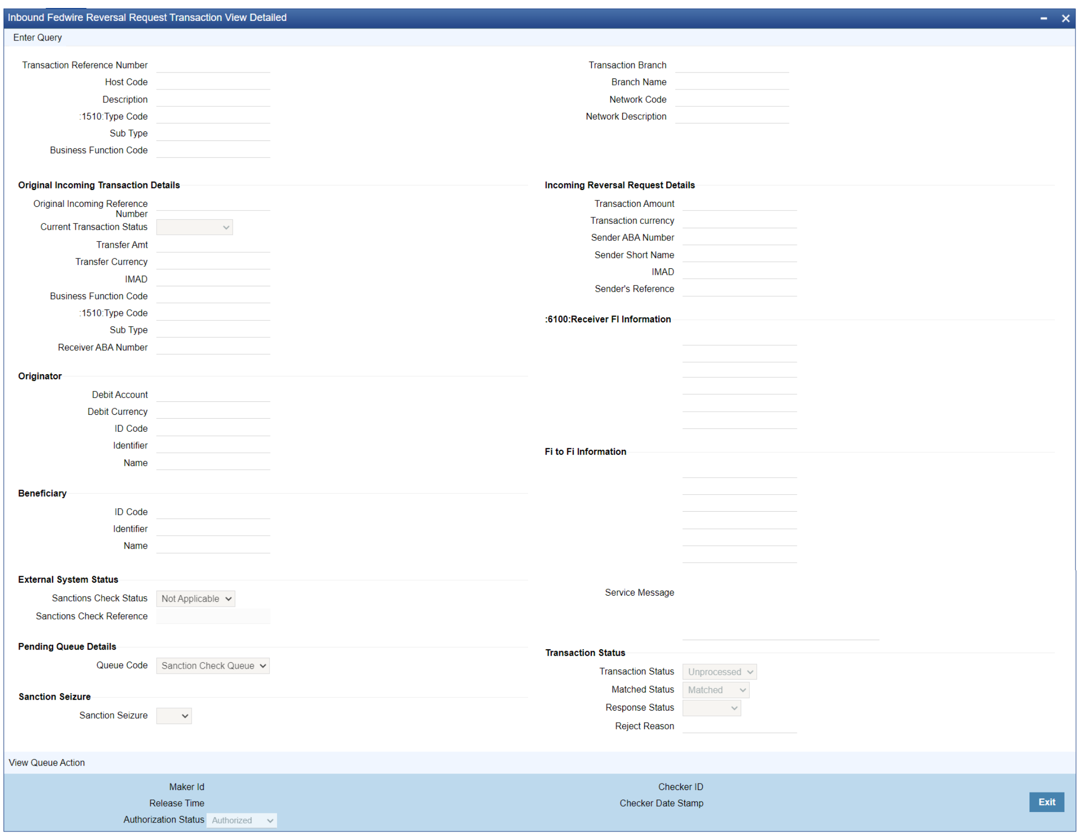
	Authorizer remarks are updated in the queue action log and checker id/date time is also updated.
Delete	This action is allowed if the current user is the maker of that user action. Queue action log gets deleted. Authorization status is made blank. Reversal Response reference is updated as blank.

2.3.3.2 Inbound Fedwire Reversal Request Transaction View Detailed

- Click on **View Reversal Transaction** button on the Fedwire Reversal Request Queue Summary (PQSFREVQ) screen to invoke the **Inbound Fedwire Reversal Request Transaction View Detailed** (PWDIREVW) screen.

  The **Inbound Fedwire Reversal Request Transaction View Detailed** screen displays the reversal request transaction details.

  Figure 2-19 Inbound Fedwire Reversal Request Transaction View Detailed



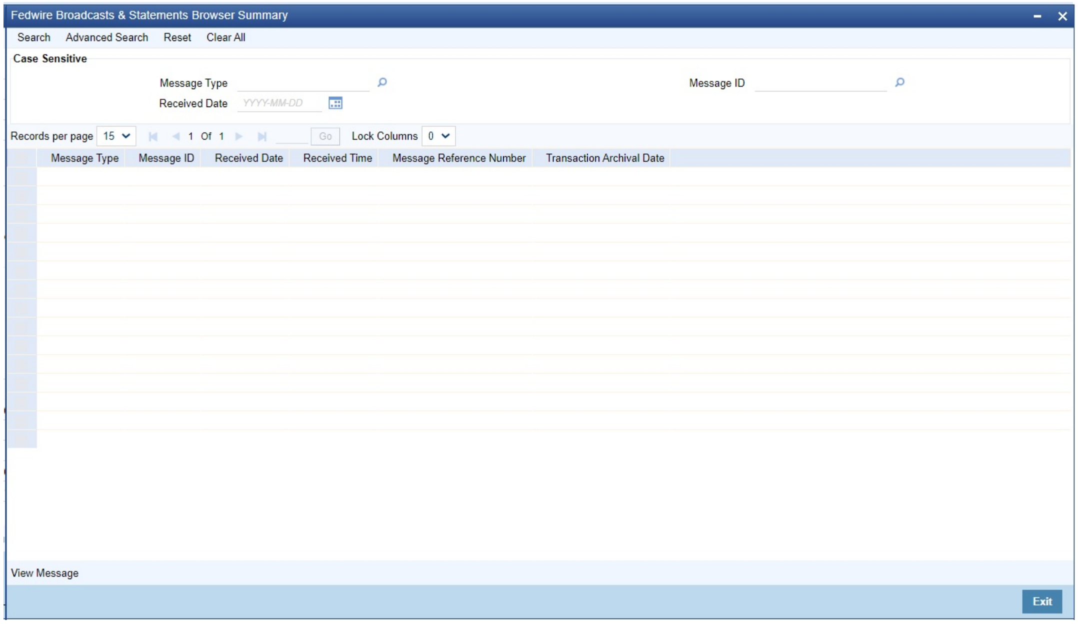
2.3.4 Fedwire Broadcasts & Statements Browser Summary

You can view the broadcasts messages & statements received from network in this screen.

1. On Homepage, specify **PWSBRBRW** in the text box, and click next arrow.

   Fedwire Broadcasts & Statements Browser Summary screen is displayed.

Figure 2-20 Fedwire Broadcasts & Statements Browser Summary



2. Search using one or more of the available parameters. You can view messages based on the gpi enabled.
3. Once you specified the parameters, click the Search button.

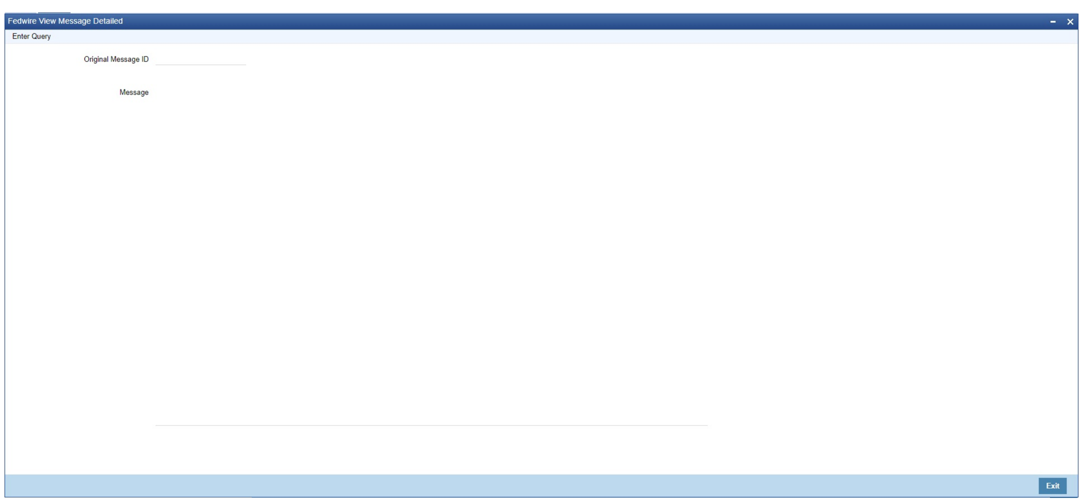
   System displays the records that match the search criteria.
4. Select a record and click on **View Message** button to view the message received from Network.

- View Messages

2.3.4.1 View Messages

1. You can view the uploaded inbound Fedwire Broadcast and Statement messages received from network by clicking the **View Message** action button, present in the bottom of the screen.The uploaded message gets displayed.

Figure 2-21 Fedwire Broadcasts & Statements Browser Summary_View Messages



2. You need to select a record and click on 'View Message' to view the message details.

2.4 Fedwire Non-Financial Service Request

System supports Fedwire Non-Financial Service Request messages.

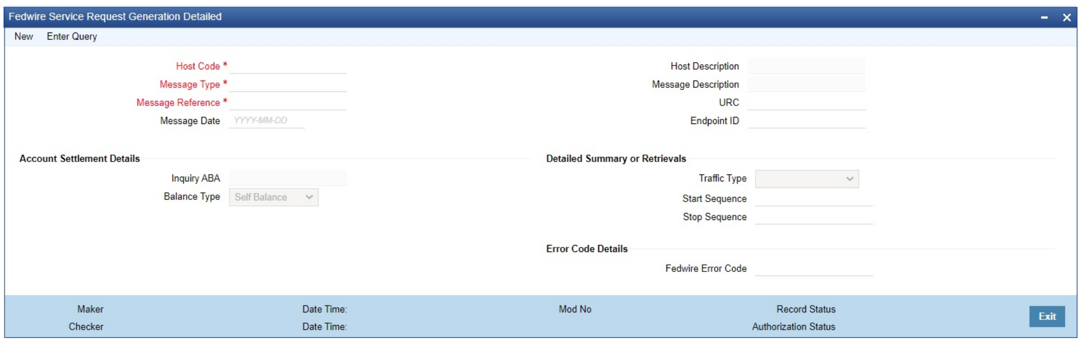
- Fedwire Service Request Generation
- Fedwire Service Request Generation Summary

2.4.1 Fedwire Service Request Generation

- On Homepage, specify **PWDFWSVC** in the text box, and click next arrow.

  The system generates Servive Request in **Fedwire Service Request Generation** Screen.

Figure 2-22 Fedwire Service Request Generation Detailed

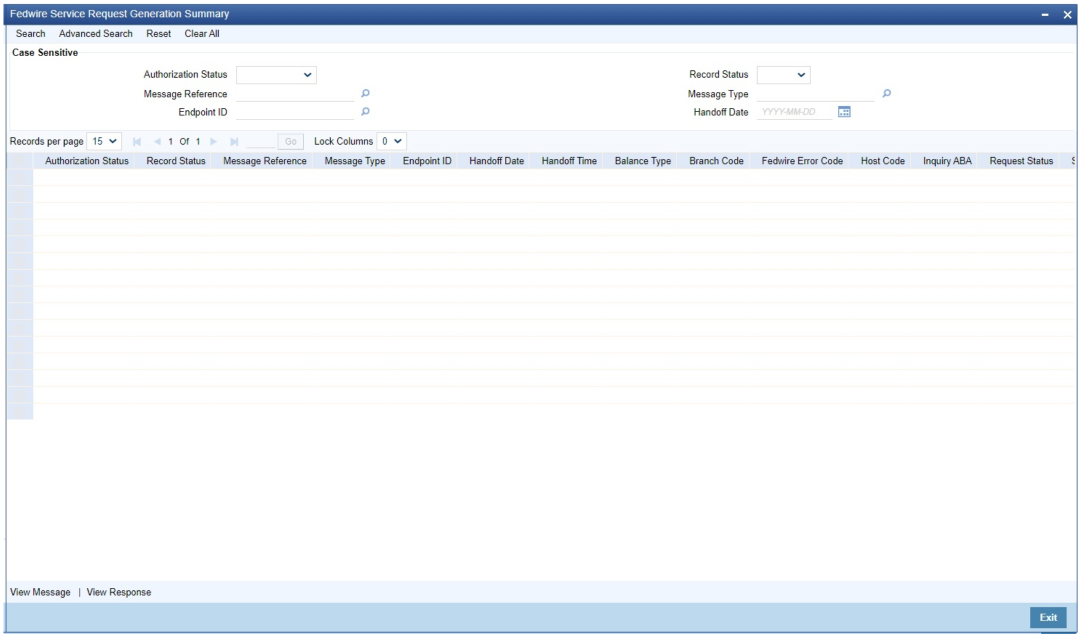


2.4.2 Fedwire Service Request Generation Summary

1. On Homepage, specify **PWSFWSVC** in the text box, and click next arrow.

   Fedwire Service Request Generation Summary screen is displayed.

Figure 2-23 Fedwire Service Request Generation Summary



2. You can view the Fedwire Service Request and the corresponding response message.
3. You can search using one or more of the avialable parameters.
4. Once you specified the parameters, click the Search button.

   System displays the records that match the search criteria.
5. Select a record and click on **View Message** button to view the message received from Network.

- View Messages
- View Response

2.4.2.1 View Messages

1. You can view the uploaded messages received from network by clicking the **View Message** action button, present in the bottom of the screen. The uploaded message gets displayed.
2. You need to select a record and click on ‘View Message’ to view the message details.

2.4.2.2 View Response

- You can view the responses received from network by clicking the ‘View Response’ action button, present in the bottom of the screen.The uploaded message gets displayed.

3
Fedwire Drawdowns

3.1 Fedwire Drawdowns

- Fedwire Drawdown requests and payments are also known as “Reverse Wires”.
- A Fedwire Drawdown or Reverse wire is typically a B2B transaction which involves the corporate bank account holder authorizing another party, such as a vendor, to withdraw funds from their account via a wire transfer. It is called a Reverse wire because it is initiated by the recipient of the funds, rather than the sender.
- The payment for a Drawdown request, called Drawdown payment, is similar to any other Fedwire payment and settled by Fedwire Funds Service in real time and sent to the beneficiary mentioned in the Drawdown request.
- The benefit to the payer of Drawdown payment is that once they have authorized their bank in writing to respond to future draw-down requests, no work is required on the payer’s part to execute a payment.
- Drawdown requests are of particular use where the payment is high-risk (or time critical), on a recurring basis, and for a variable amount. Typical scenarios for initiating Drawdown requests include high-volume, variable amount purchases of perishable inventory, and Payroll services.
- If the inbound Drawdown request matches with the agreement and all the validations are success then the Drawdown request gets automatically processed by booking an outbound Fedwire payment transaction.

This section contains the following sub-sections:

3.1.1 Fedwire Drawdown Authorization Agreement

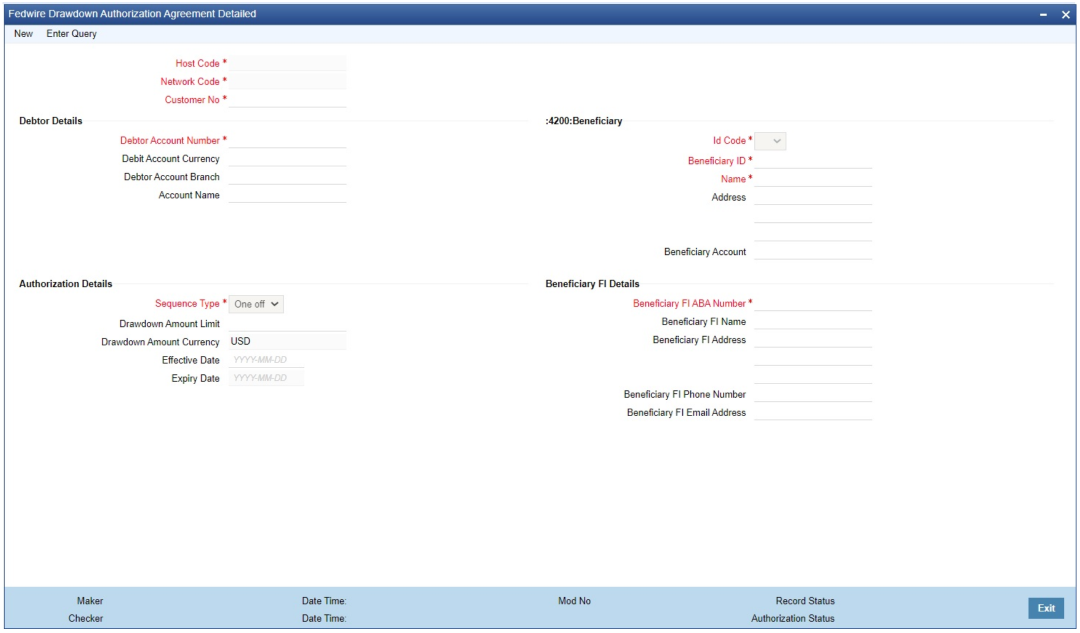
This Maintenance captures the details of Drawdown Authorization Agreement between the Payer (Originator) of a Drawdown payment and their bank i.e. ODFI (same as Sender DI) of the Drawdown payment.

This agreement maintenance captures transaction attributes necessary for validating an incoming Drawdown request and for the ODFI to process the outgoing Drawdown payment.

- On Homepage, specify **PWDRAGMT** in the text box, and click next arrow.

  Fedwire Drawdown Authorization Agreement Detailed screen is displayed.

  Figure 3-1 Fedwire Drawdown Authorization Agreement Deatiled

- Fedwire Drawdown Authorization Agreement Summary

3.1.1.1 Fedwire Drawdown Authorization Agreement Summary

1. On Homepage, specify **PWSRAGMT** in the text box, and click next arrow.

   Fedwire Drawdown Authorization Agreement Summary screen is displayed.
2. You can search for the records using one or more of the available parameters.
3. Once you specified the parameters, click the Search button.

   System displays the records that match the search criteria.

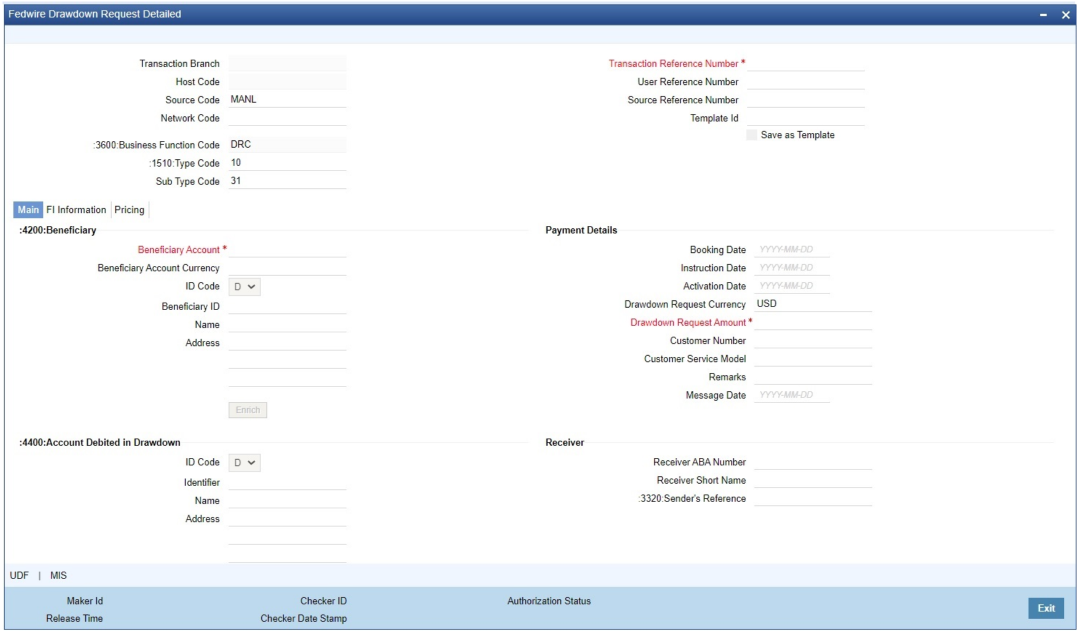
3.1.2 Fedwire Drawdown Request Detailed

This screen allows only Corporate Drawdown requests to be initiated for receiving Fedwire payment from a corporate account maintained with another bank (who would be the receiver of Drawdown request).

1. On Homepage, specify **PWDOTDRC** in the text box, and click next arrow.

   Fedwire Drawdown Request Detailed screen is displayed.

Figure 3-2   Fedwire Drawdown Request Detailed



2. The following tabs are visible on this screen:
    - Main
    - FI Information
    - Pricing

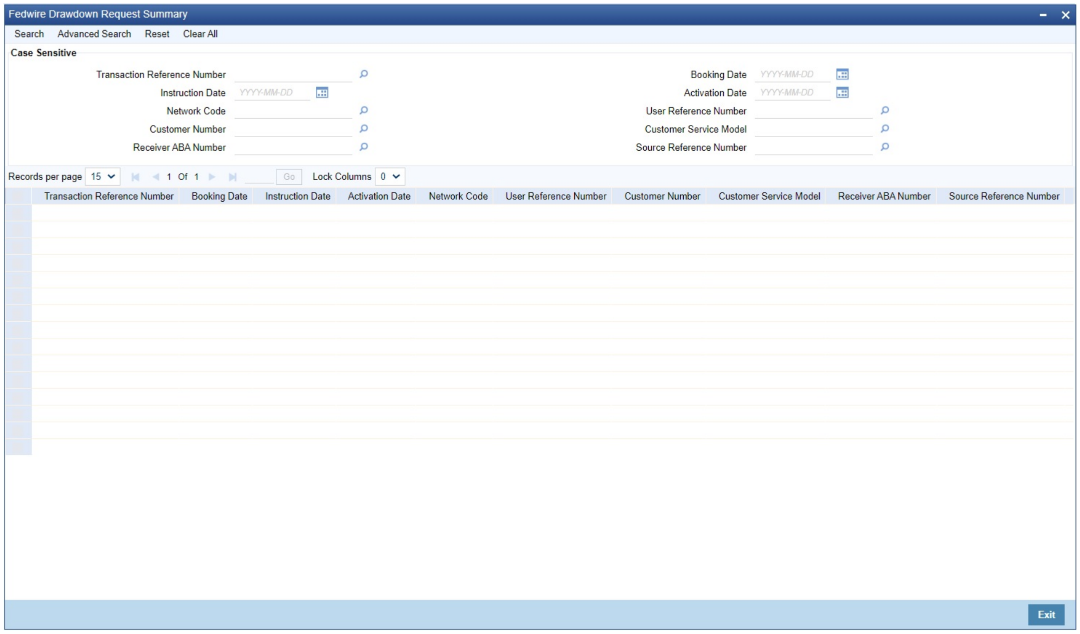
- Fedwire Drawdown Request Summary

3.1.2.1 Fedwire Drawdown Request Summary

1. On Homepage, specify **PWSOTDRC** in the text box, and click next arrow.

   Fedwire Drawdown Request Summary screen is displayed.

Figure 3-3 Fedwire Drawdown Request Summary



2. Search for the records using one or more of the available parameters.
3. Once you specified the parameters, click the Search button.

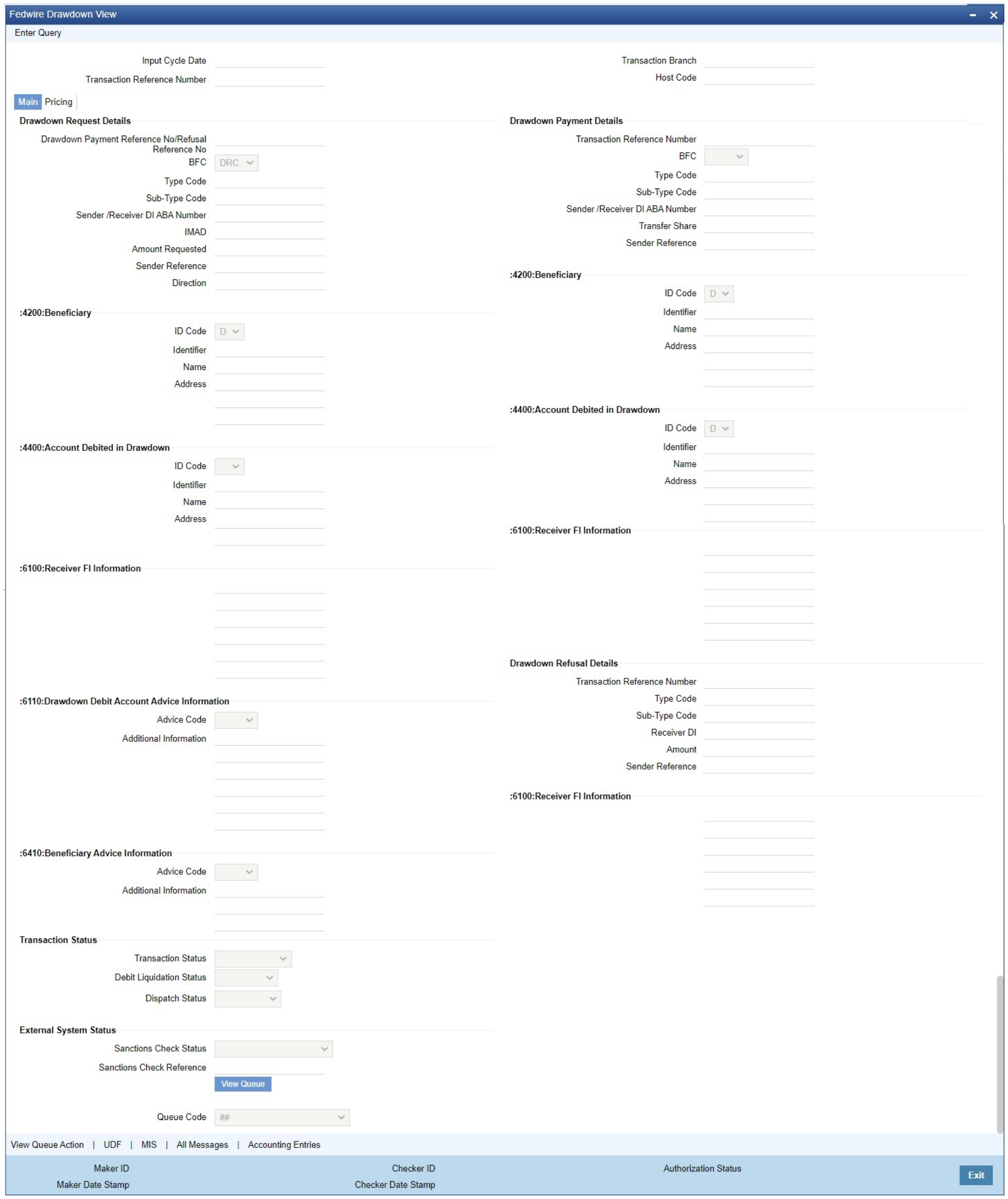
   System displays the records that match the search criteria.

3.1.3 Fedwire Drawdown View

1. On Homepage, specify **PWDDDRVW** in the text box, and click next arrow.

   Fedwire Drawdown View screen is displayed.

Figure 3-4 Fedwire Drawdown View



2. The following tabs are visible on this screen:
   - Main
   - Pricing

   View Queue

   This button launches the corresponding Queue screen, where the transaction is currently held. The Queue screen will be launched in query mode, listing this transaction alone.

   - Click Execute Query to populate the details of the transaction in the Fedwire Drawdown View screen.

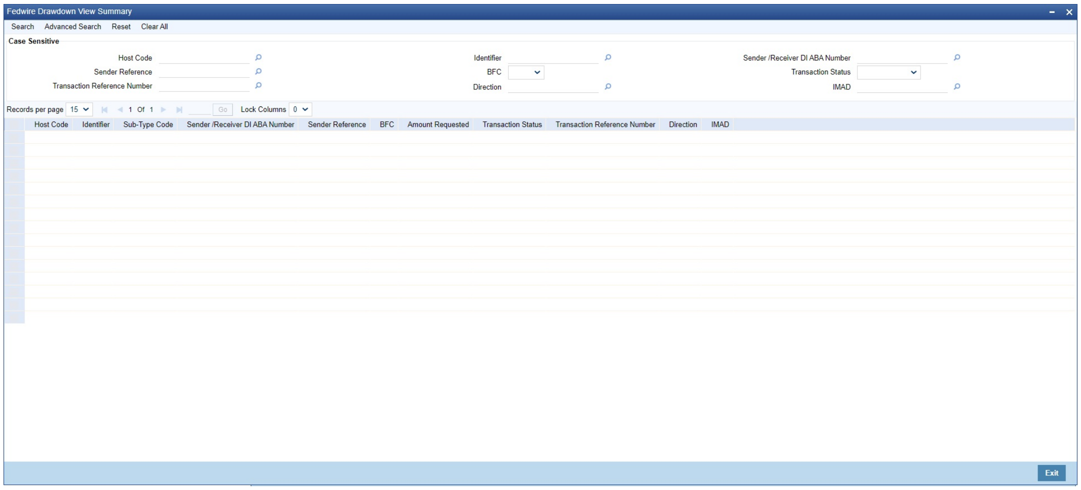
- Fedwire Drawdown View Summary

3.1.3.1 Fedwire Drawdown View Summary

1. On Homepage, specify **PWSDDRVW** in the text box, and click next arrow.

   Fedwire Drawdown View Summary screen is displayed.

Figure 3-5 Fedwire Drawdown View Summary



2. Search using one or more of the available parameters.
3. Once you specified the parameters, click the **Search** button.

   System displays the records that match the search criteria.

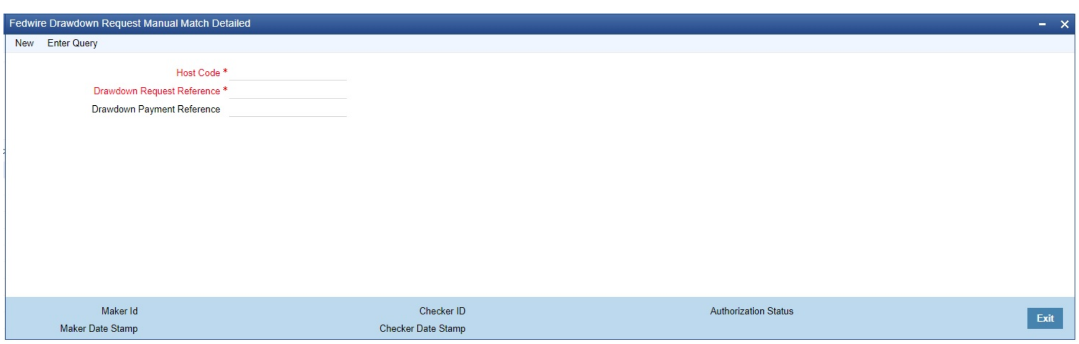
3.1.4 Fedwire Drawdown Request Manual Match

If the system cannot match a Processed Drawdown payment to Drawdown request sent earlier then you can manually match both from a New Manual match screen called “Fedwire Drawdown Request Manual Match”.

- On Homepage, specify **PWDDDMAT** in the text box, and click next arrow.

  Fedwire Drawdown Request Manual Match Detailed screen is displayed.

Figure 3-6 Fedwire Drawdown Request Manual Match Detailed



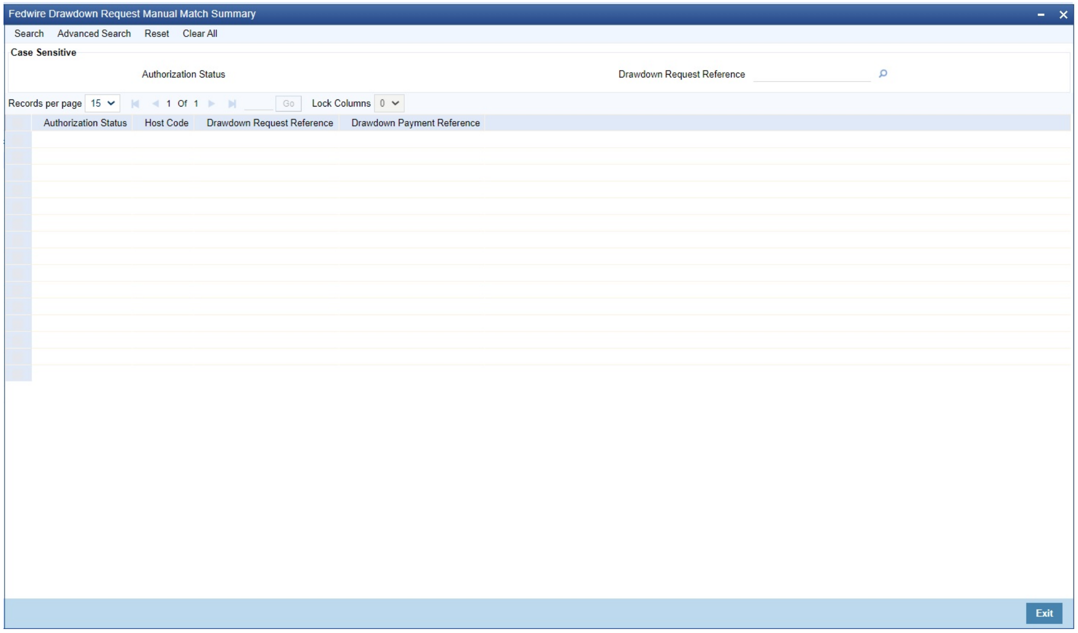
- Fedwire Drawdown Request Manual Match Summary

3.1.4.1 Fedwire Drawdown Request Manual Match Summary

1. On Homepage, specify **PWSDDMAT** in the text box, and click next arrow.

   Fedwire Drawdown Request Manual Match Summary screen is displayed.

Figure 3-7 Fedwire Drawdown Request Manual Match Summary



2. Search for the records using one or more of the available parameters.
3. Once you specified the parameters, click the **Search** button.

   System displays the records that match the search criteria.

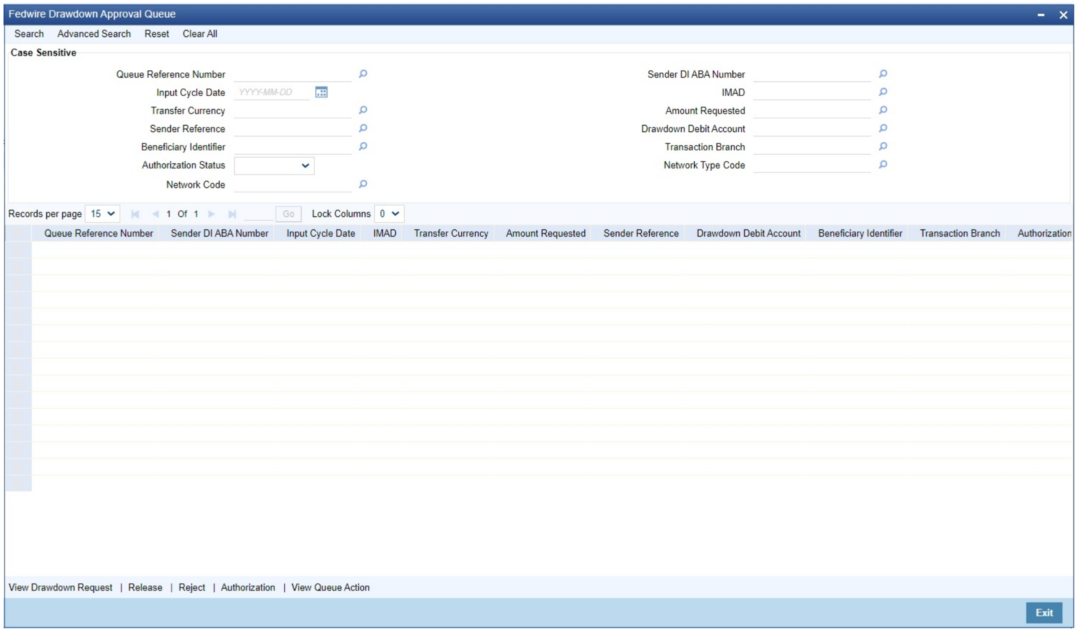
3.1.5 Fedwire Drawdown Approval Queue

In case of failure of non-critical agreement validations, the Drawdown request is moved to a New exception queue called “Fedwire Drawdown Approval” queue for decision by Operational users.

1. On Homepage, specify **PQSFWDDQ** in the text box, and click next arrow.

   Fedwire Drawdown Approval Queue screen is displayed.

Figure 3-8 Fedwire Drawdown Approval Queue



2. Search using one or more of the available parameters.
3. Once you specified the parameters, click the **Search** button.

   System displays the records that match the search criteria.
4. The following actions can be performed for transactions in Business Override queue:

Action	Description
View Drawdown Request	You can view the selected transaction details.
Release	The system processes the Drawdown request.
Reject	The system generates the Drawdown Refusal message. While rejecting the Drawdown request, it is mandatory to input Remarks for specifying reason for rejection. This would be included in the generated Drawdown Refusal message.
Authorization	You can manually move the transaction for processing on next working day.
View Queue Actions	Displays all queue activities performed for the selected transaction. This action allows you to view key details of the selected Drawdown request.
View Transaction	You can view the selected transaction details.

4 Fedwire Processing

4.1 ACK/NAK Processing

4.1.1 Positive Response Processing

For every Outbound message sent, Fedwire Fund Service sends the positive acknowledgement for accepted messages.

On upload of Acknowledgment messages, system matches with outbound message and updates the Network Status as Accepted.

4.1.2 Negative Response Processing

On upload of Negative Response messages, system matches with outbound messages and updates the Network Status as Rejected.

4.2 Fedwire Inbound Reversal Request Processing

Reversal Transaction

Once the inbound message is identified as a reversal request message (using sub type code) a reversal transaction gets created.

A new reversal reference number gets generated. Reversal Request date is populated with the current processing date. Host code and branch code are populated based on the Receiver ABA number.

Transaction Status is populated as 'Unprocessed'.

Match Criteria

The received reversal request is matched with an Inbound Fedwire transaction Match status is updated as 'Matched' if the original transaction is matched successfully. Otherwise, the match status is updated as 'Unmatched'.

A new record is logged into the Inbound Fedwire Reversal Request Match / Response Queue populating queue status as 'Pending'.

4.3 Fedwire Reversal Queue - Accept User action processing

Reversal response processing gets triggered upon 'Accept' user action.

- A new reference - Reversal Response reference gets generated.

ECA Processing

The transaction is sent for ECA with credit account as the account and with the original transaction amount as amount for blocking. The reference number sent in the ECA is the original transaction reference. The transaction is marked as 'Exception', Queue status is marked as 'ECA' till the response is received.

Once the response is received from ECA system, the reversal processing proceeds further.

If the response is successful, then:

- Accounting Handoff is prepared
- Original incoming transaction credit account is the debit account of reversal transaction

DRLQ

Account Template for Debit Liquidation code is picked from Fedwire Network Currency preference Detailed (PWDNCPRF) for transaction type 'Outbound'.

CRLQ

Account Template for Credit Liquidation code is picked from Fedwire Network Currency preference Detailed (PWDNCPRF) for transaction type 'Outbound'.

Message Generation

Reversal response message is generated .

5

Fedwire gpi Processing

This section contains all the maintenances pertaining to gpi and required for gpi. Below are the existing gpi Maintenances which are applicable for the payment types - Fedwire.

Following are the required maintenances for gpi:

- SWIFT gpi Static Preferences (PXDGPIST). Refer to Cross_Border User Guide section(4.1.1) for more details.
- SWIFT gpi Host Preferences (PXDGPIPF). Refer to Cross_Border User Guide section(4.1.4.1) for more details.
- SWIFT gpi Directory (PMDGPIDR). Refer to Cross_Border User Guide section(4.1.5) for more details.

For more details on the above maintenances refer to CrossBorder_Payments User Guide section(4.1).

Following points need to be considered during Fedwire gpi processing:

1. RMA/RMA+ Validation for Tracker should not be performed for exchange of gCCT/gCOV confirmations.
2. In Branch Core Parameters screen (STDCRBRN), default BIC value is gpi Participant ID(11-Character BIC) of the processing branch.

- Outbound Fedwire Payments - gpi Processing
- Inbound Fedwire Payments - gpi Processing

5.1 Outbound Fedwire Payments - gpi Processing

- SWIFT STP Changes
- Outbound gCCT Processing
- Outbound gCOV Processing
- Outbound gpi Confirmations
- Inbound gpi Confirmations

5.1.1 SWIFT STP Changes

Following changes are done to the Outbound Fedwire payment transaction creation processing from an Incoming SWIFT message:

- For Outbound Fedwire payment, UETR field populates with the Tag 121 of incoming SWIFT MT103/ MT202COV / MT205 COV messages.
- For the incoming SWIFT MT103 / MT202 COV / MT205 COV message whose Tag 111 value is ‘001’, the ‘Incoming gpi flag’ gets automatically checked else unchecked.

5.1.2 Outbound gCCT Processing

gpi enabled Transaction:

When you select the Business Function Code as ‘CTP’, Local Instrument value [{3610}] as ‘COVS’, and Type & Subtype(combined) value as ‘1000’ (Funds Transfer/Basic Funds Transfer) (or) ‘1600’(Settlement Transfer/Basic Funds Transfer), system performs below validation:

- Checks whether ‘gpi Processing Enabled’ is set to ‘Y’ at host level (PXDGPIPF).
- When the ‘gpi Processing Enabled’ flag is set to ‘Y’, then system checks Sender BIC (Processing branch BIC – Default BIC (11 Character) linked in Branch Core Parameters screen (STDCRBRN)) and Transfer Currency combination is present in SWIFT gpi Directory (PMDGPIDR).
- When ‘Yes’, then the transaction is set as ‘gpi enabled’ and is processed as a SWIFT gpi transaction.
- When ‘No’, then the ‘gpi enabled’ flag is set as ‘No’ and the transaction is processed as normal SWIFT transaction.

Fedwire message generation:

- Based on the Charging Method value and based on the transaction level 'gpi Enabled' flag, the Outbound message tags like Payment Notification, Charges are populated.

> **Note**
>
> For ‘gpi Enabled’ Outbound Fedwire transactions, Network cutoff time validation logic remains same as existing.

5.1.3 Outbound gCOV Processing

gpi enabled Transaction:

When you select the Business Function Code as ‘CTP’, Local Instrument value [{3610}] as ‘COVS’, and Type & Subtype(combined) value as ‘1000’ (or) ‘1600’, system performs below validation:

- Checks whether ‘gpi Processing Enabled’ is set to ‘Y’ at host level (PXDGPIPF).
- When the ‘gpi Processing Enabled’ flag is set to ‘Y’, then system checks Sender BIC (Processing branch BIC – Default BIC (11 Character) linked in Branch Core Parameters screen (STDCRBRN)) and Transfer Currency combination is present in SWIFT gpi Directory (PMDGPIDR).
- When ‘Yes’, then the transaction is set as ‘gpi enabled’ and is processed as a SWIFT gpi transaction.
- When ‘No’, then the ‘gpi enabled’ flag is set as ‘No’ and the transaction is processed as normal SWIFT transaction.

Fedwire message generation:

At the transaction level, if the ‘gpi Enabled’ flag is ‘Yes’, then the tag {3620} populates as below:

- §Tag {3620} Element 01 Payment Notification Indicator populates with a value ‘3’

- §Tag{3620} Element 03 Contact Name populates with UETR value

Tag	Tag Name	Element Name	Format	Population Logic
3620	Payment Notification	Element 01 – Notification Indicator	1 Character	Value '4' hardcoded gets populated
3620	Payment Notification	Element 03 – Contact Name	140 Character	UETR value gets populated

> **Note**
>
> For 'gpi Enabled' Outbound Fedwire transactions, Network cutoff time validation logic remains same as existing.

5.1.4 Outbound gpi Confirmations

For the Outbound Pass-through Fedwire gpi payments, if the transaction level 'gpi Enabled' flag set to 'Yes' then system generates SWIFT gpi Confirmations (MT199 for gCCT/MT299 for gCOV) and populates the Confirmation messages fields as listed below:

- Receiver field value gets updated with the value of Tracker BIC maintained in the gpi Host preferences maintenance (PXDGPIPF)
- Field 111 of Block 3 populates with '001' (Service type identifier for gCCT/gCOV)
- Field 121 of Block 3 will be populated with UETR of the transaction
- Field 20 populates with the Fedwire Transaction Reference
- Field 21 populates with Field 20 of MT103 for gCCT confirmation and with Field 20 of MT202 COV/MT205 COV for gCOV confirmation message
- Following details gets populated for Field 79 of the gCCT/gCOV confirmation messages:
  – Line 1 populates with date & time along with UTC offset
  – Line 2 populates with confirmation statues code and reason code depending on the transaction processing status (Refer table)

Processing status	Message generated	Status Code / Reason Code	Date & Time details	Payment Processing Status (PXDGPIST)	In Progress Codes (PXDGPIST)
Payment Processed & forwarded as a gpi message to a gpi agent	On successful receipt of ACK message for outbound Fedwire message	ACSP/ G000	Message generation Date & time	NA	NA
Outbound payment Processed & forwarded as a gpi message to a non-gpi agent	On successful receipt of ACK message for outbound Fedwire message	ACSP/ G001	Message generation Date & time	NA	NA

Processing status	Message generated	Status Code / Reason Code	Date & Time details	Payment Processing Status (PXDGPIST)	In Progress Codes (PXDGPIST)
Pending by EOD in process exceptions queues (including Warehouse queue)	By EOD, transaction is pending in any exception queue	ACSP/ G002	Message generation Date & time	IN PROGRESS	PENDING CREDIT
Cancelled	On successful cancellation action	RJCT	Message generation Date & time	REJECTED	NA
Sanctions Seized	On Sanctions Seizure	RJCT	Message generation Date & time	REJECTED	NA

- Line 3 populates with Branch default BIC followed by Intermediary FI BIC if available (or) by Beneficiary FI BIC.
- Line 4 populates with settlement amount (Final amount deducting charges if any)
- For gCCT confirmation message:
  - Line 5 : EXCH, Original Currency, Transfer Currency & Exchange Rate should not be populated
  - Charge deduction : If there is no charge then system populates Zero charge amount else charge amount details gets populated

> **Note**
>
> System do not perform RMA/RMA+ validation on the Tracker BIC.
>
> At EOD, confirmation message should get generated by the auto job ‘PQDPRQUE’.

5.1.5 Inbound gpi Confirmations

System links the Incoming gpi confirmation messages (gCCT/gCOV) with the original Outbound Fedwire transaction. From Block 3, Matching criteria happens as follows:

- 121: UETR of Outbound Fedwire Transaction = 121: UETR of gpi confirmation

Once the match is successful, system parses the message and the same should be stored to display the confirmations at the Outbound transaction view screen (PWDOVIEW).

5.2 Inbound Fedwire Payments - gpi Processing

- Inbound gCCT & gCOV Processing
- Outbound gpi Confirmations
- Inbound gpi Confirmations

5.2.1 Inbound gCCT & gCOV Processing

Following changes are done to the Inbound Fedwire payment transaction creation processing from an Inbound Fedwire message to populate gpi related fields.

Incoming gpi:

This field updates to ‘Y’ once the below conditions met.

In Customer Transfer (or) Cover Transfer message , Tag {3600} value is ‘CTP’ / Tag {3610} is not present (or) Tag {3610} is present and value is ‘COVS’ in Tag {3620} Payment notification , the Element 01 Notification Indicator contains either a value either ‘3’ or ‘4’.

UETR Population:

The Tag {3620} ‘Payment notification - Element 03’ receives the UETR value and populates the same in the Inbound Fedwire transaction UETR field.

The above populated value gets converted to lower case.

gpi Enabled flag:

The ‘gpi Enabled’ field sets to ‘Y’ once the below conditions are satisfied for the Inbound Customer Transfer (‘CTP’) or Cover Transfer (‘CTP COVS’) Fedwire payment.

Host level ‘gpi Processing Enabled’ flag value is ‘Y’ (PXDGPIPF).

SWIFT gpi Directory (PMDGPIDR) has the maintenance of Processing Branch BIC (Default BIC: 11 Character which is linked in Branch Core Parameters screen (STDCRBRN)) and Transfer Currency values.

The Tag {3620} ‘Payment notification – Element 01’ related ‘Notification Indicator’ field contains either a value ‘3’ or ‘4’.

The ‘gpi Enabled’ field sets to ‘Confirm’ once the below conditions are satisfied for the Inbound Customer Transfer (‘CTP’) or Cover Transfer (‘CTP COVS’) Fedwire payment.

Host level ‘gpi Processing Enabled’ flag value is ‘Y’ (PXDGPIPF).

SWIFT gpi Directory (PMDGPIDR) has the Processing Branch BIC (Default BIC : 11 Character – linked in Branch Core Parameters screen (STDCRBRN) value should be gpi Customer which is not the gpi Agent for the Transfer Currency.

The Tag {3620} ‘Payment notification – Element 01’ related ‘Notification Indicator’ field should have either a value ‘3’ or ‘4’.

5.2.2 Outbound gpi Confirmations

For the Outbound Pass-through Fedwire gpi payments, if the transaction level ‘gpi Enabled’ flag set to ‘Yes’ then system generates SWIFT gpi Confirmations (MT199 for gCCT/MT299 for gCOV) and populates the Confirmation messages fields as listed below:

- Receiver field value gets updated with the value of Tracker BIC maintained in the gpi Host preferences maintenance (PXDGPIPF)
- Field 111 of Block 3 populates with ‘001’ (Service type identifier for gCCT/gCOV)
- Field 121 of Block 3 will be populated with UETR of the transaction
- Field 20 populates with the Fedwire Transaction Reference

- Field 21 populates with Field 20 of MT103 for gCCT confirmation and with Field 20 of MT202 COV/MT205 COV for gCOV confirmation message
- Following details gets populated for Field 79 of the gCCT/gCOV confirmation messages:
  - Line 1 populates with date & time along with UTC offset
  - Line 2 populates with confirmation statues code and reason code depending on the transaction processing status (Refer table)

Processing status	Message generated	Status Code / Reason Code	Date & Time details	Payment Processing Status (PXDGPIST)	In Progress Codes (PXDGPIST)
Payment Processed & forwarded as a gpi message to a gpi agent	On successful receipt of ACK message for outbound Fedwire message	ACSP/ G000	Message generation Date & time	NA	NA
Outbound payment Processed & forwarded as a gpi message to a non-gpi agent	On successful receipt of ACK message for outbound Fedwire message	ACSP/ G001	Message generation Date & time	NA	NA
Pending by EOD in process exceptions queues (including Warehouse queue)	By EOD, transaction is pending in any exception queue	ACSP/ G002	Message generation Date & time	IN PROGRESS	PENDING CREDIT
Cancelled	On successful cancellation action	RJCT	Message generation Date & time	REJECTED	NA
Sanctions Seized	On Sanctions Seizure	RJCT	Message generation Date & time	REJECTED	NA

- Line 3 populates with Branch default BIC followed by Intermediary FI BIC if available (or) by Beneficiary FI BIC.
- Line 4 populates with settlement amount (Final amount deducting charges if any)
- For gCCT confirmation message:
  - Line 5 : EXCH, Original Currency, Transfer Currency & Exchange Rate should not be populated
  - Charge deduction : If there is no charge then system populates Zero charge amount else charge amount details gets populated

Note

System do not perform RMA/RMA+ validation on the Tracker BIC.

At EOD, confirmation message should get generated by the auto job ‘PQDPRQUE’.

5.2.3 Inbound gpi Confirmations

System links the Incoming gpi confirmation messages (gCOV) with the Inbound Fedwire transaction when it can't find any matching Outbound Fedwire transaction. From Block 3, Matching criteria happens as follows:

- 121: UETR of Inbound Fedwire Transaction = 121: UETR of gpi confirmation

Once the match is successful, system parses the message and the same should be stored to display the confirmations at the Inbound transaction view screen (PWDIVIEW).

Glossary

PMDFWDIR

Fedwire Directory Maintenances

PMDFWUPD

Fedwire Directory Upload

PMSFWDIR

Fedwire Directory Summary

PQSFREVQ

Fedwire Reversal Request Queue Summary

PQSFWDDQ

Fedwire Drawdown Approval Queue

PWDDDMAT

Fedwire Drawdown Request Manual Match

PWDDDRVW

Fedwire Drawdown View

PWDFDICN

Incoming Fedwire Connectivity Details

PWDFDOCN

Outgoing Fedwire Connectivity Details

PWDIREVW

Inbound Fedwire Reversal Request Transaction View Detailed

PWDISMVW

Fedwire Incoming Service Message View

PWDITONL

Inbound Fedwire Transaction Input

PWDIVIEW

Inbound Fedwire View

PWDNCPRF

Fedwire Network Currency Preferences Detailed

PWDNWPRF

Fedwire Network Preferences Detailed

PWDOTDRC

Fedwire Drawdown Request Summary

PWDOTONL

Outbound Fedwire Transaction Input

PWSOTREV

Fedwire Reversal Request Summary

PWDOVIEW

Outbound Fedwire View

PWDRAGMT

Fedwire Drawdown Authorization Agreement Summary

PWDREVRS

Fedwire Reversal Response Detailed

PWSBRBRW

Fedwire Broadcasts & Statements Browser Summary

PWSDDMAT

Fedwire Drawdown Request Manual Match Summary

PWSDDRVW

Fedwire Drawdown View Summary

PWSFDCST

Fedwire Connector Start/Stop

PWSFWSVC

Fedwire Service Request Generation Summary

PWSISMVW

Fedwire Incoming Service Message View Summary

PWSITONL

Inbound Fedwire Transaction Summary

PWSIVIEW

Inbound Fedwire View Summary

PWSNCPRF

Fedwire Network Currency Preferences Summary

PWSNWPRF

Fedwire Network Preferences Summary

PWSOTDRC

Fedwire Drawdown Request Summary

PWSOTONL

Outbound Fedwire Transaction Summary

PWSOTREV

Fedwire Reversal Request Summary

PWSRAGMT

Fedwire Drawdown Authorization Agreement Summary

PWSREVRS

Fedwire Reversal Response Summary

PWSSVCBR

Fedwire Inbound Message Browser Summary

PWSSVCME

Fedwire Service Message Summary