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1. About this Manual

1.1 Introduction

This manual is designed to help you to quickly get familiar with the Oracle FLEXCUBE Payments (PM). It takes you through the various stages in processing a Fedwire transaction.

You can further obtain information specific to a particular field by placing the cursor on the relevant field and striking <F1> on the keyboard.

1.2 Audience

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

<table>
<thead>
<tr>
<th>Role</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>Payment Department Operators</td>
<td>Payments Transaction Input functions except Authorization.</td>
</tr>
<tr>
<td>Back Office Payment Department Operators</td>
<td>Payments related maintenances/Payment Transaction Input functions except Authorization</td>
</tr>
<tr>
<td>Payment Department Officers</td>
<td>Payments Maintenance/ Transaction Authorization</td>
</tr>
<tr>
<td>Bank’s Financial Controller/ Payment Department Manager</td>
<td>Host level processing related setup and Dashboard/ Query functions</td>
</tr>
</tbody>
</table>

1.3 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.

1.4 Organization

This manual is organized into the following chapters:

<table>
<thead>
<tr>
<th>Chapter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapter 1</td>
<td><em>About this Manual</em> gives information on the intended audience. It also lists the various chapters covered in this User Manual.</td>
</tr>
<tr>
<td>Chapter 2</td>
<td><em>Fedwire Maintenance</em> provides information on maintenances required for Fedwire payments.</td>
</tr>
<tr>
<td>Chapter 3</td>
<td><em>Fedwire Payments</em> provides information on initiation and processing of outgoing and incoming Fedwire payments.</td>
</tr>
<tr>
<td>Chapter 4</td>
<td><em>Function ID Glossary</em> has alphabetical listing of Function/Screen ID’s used in the module with page references for quick navigation.</td>
</tr>
</tbody>
</table>
1.5 Glossary of Icons

This User Manual may refer to all or some of the following icons:

<table>
<thead>
<tr>
<th>Icons</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Icon]</td>
<td>Exit</td>
</tr>
<tr>
<td>![Icon]</td>
<td>Add row</td>
</tr>
<tr>
<td>![Icon]</td>
<td>Delete row</td>
</tr>
<tr>
<td>![Icon]</td>
<td>Option List</td>
</tr>
</tbody>
</table>
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. Along-with NACHA ACH and CHIPS, it is a critical domestic payment system in the US.

**High-lights 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
- Support for input of exhaustive Payment related information for ‘CTP’ payments
- Sanctions check by interfacing with an external Sanctions screening system
- External Credit Approval Check
- Accounting
- Fedwire Message generation
- Support for multiple Network Cut-off times
- Support for Fedwire business day spanning 2 calendar days
- Support for sending and receiving Service messages

**2.0.1 Fedwire Network Preferences**

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

You can invoke the “Fedwire Network Preferences” screen by typing ‘PWDNWPRF’ in the field at the top right corner of the application toolbar and clicking the adjoining arrow button. Click new button on the Application toolbar.

Specify the following fields:

**Network Code**

Specify a network code of the Fedwire network.
Network Description
Specify description of the Fedwire network.

Host Code
Displays the Host code assigned to of the branch selected by the logged in user.

Transaction Type
Specify if the Fedwire Network preferences are being specified for transaction type is Outgoing or Incoming transaction type.

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.

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.

Settlement Transfer CutOff Minutes
Specify the Cutoff Minutes for Settlement Transfers between Direct Fedwire members.

Service Start Time

Service Start Time Hour
Specify the start time in hours of the Fedwire business day.

Service Start Time Minute
Specify the start time in minutes of the Fedwire business day.

2.0.2 Viewing Fedwire Network Preferences Summary

You can view the summary in “Fedwire Network Preferences Summary” screen. You can invoke the Fedwire Network Preferences Summary screen by typing ‘PWSNWPRF’ in the
You can search for the records using one or more of the following parameters:

- Authorization Status
- Record Status
- Network Code
- Host Code
- Transaction Type

Once you have specified the search parameters, click ‘Search’ button. The system displays the records that match the search criteria. You can view the following details:

- Authorization Status
- Record Status
- Network Code
- Host Code
- Transaction Type

### 2.0.3 Fedwire Network Currency Preferences

You can capture Network Currency Preferences for Fedwire Network.
You can invoke the “Fedwire Network Currency Preferences” screen by typing ‘PWDNCPRF’ in the field at the top right corner of the application toolbar and clicking the adjoining arrow button. Click new button on the Application toolbar.

Specify the following fields:

**Network Code**
Select the network code of the logged in user from the available list of values for the Host.

**Network Description**
This field is auto-populated based on the network code selected.

**Host Code**
Displays the Host code assigned to of the branch selected by the logged in user.

**Transaction Type**
Select the type of transaction for which the Fedwire Network preferences are being specified. The options are:
- Incoming
- Outgoing

**Transfer Currency**
Select the required currency from the list of available currencies for the Fedwire network.

**Limit Details**

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Amount</td>
<td>Specify the minimum amount for a Fedwire payment.</td>
</tr>
<tr>
<td>Maximum Amount</td>
<td>Specify the maximum amount for a Fedwire payment.</td>
</tr>
</tbody>
</table>

**Pricing Details**

**Transaction Pricing Code**
Select the 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.

**Dispatch/Receipt Accounting**
Specify the template for Dispatch/Receipt Accounting from the list of available accounting templates.

**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.

**Authorization Limit**

**Authorization Limit 1**
Specify the amount limit above which the transaction will need first level of authorization.

**Authorization Limit 2**
Specify the amount limit above which transaction will need second level of authorization in addition to first level of authorization.

2.0.4 **Viewing Fedwire Network Currency Preferences Summary**

You can view the summary in “Fedwire Network Currency Preferences” screen. You can invoke the Fedwire Network Currency Preferences screen by typing ‘PWSNCPRF’ in the field at the top right corner of the Application toolbar and clicking on the adjoining arrow button.

You can search for the records using one or more of the following parameters:

- Authorization Status
- Record Status
- Network Code
- Transaction Type
- Transfer Currency

Once you have specified the search parameters, click ‘Search’ button. The system displays the records that match the search criteria. You can view the following details in here:
- Authorization Status
- Record Status
- Network Code
- Host Code
- Transaction Type
- Transfer Currency
3. Fedwire Payments

3.1 Outgoing Fedwire Input Screen

System supports Fedwire Outgoing Payments for the below mentioned transfer type:
- Customer Transfer
- Bank Transfer

3.1.1 Invoking Fedwire Outgoing Screen

Outgoing Fedwire payments can be manually booked from this screen in case the inward Fedwire message cannot be received or processed due to any reason. You can invoke “Fedwire Outgoing Payments” screen by typing ‘PWDOTONL’ in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button. Click new button on the Application toolbar..

You can specify the following fields:

Transaction Branch
The system defaults the transaction branch code with the user’s logged in branch code.

Transaction Reference Number
The system generates and displays a unique reference number for the transaction.

User Reference
The system defaults the User reference number same as the Transaction Reference Number. You can edit this value to provide own reference number.

Host code
The system defaults the host code of transaction branch.

Source Code
The system derives the source code for the transaction depending on the source from where it is received. For manual transactions, source code is defaulted to MANL.
Source Reference Number
The system displays the Source Reference Number provided by the channel or any other source for the transaction. You can input the value for manually booked transaction.

Network Code
Specify the required Fedwire network code.

:3600:Business Function Code
Specify the desired Business Function Code from the available options. For e.g. CTR (Customer Transfer), BTR (Bank Transfer) etc

Transfer Type
Select the required type of transfer. The options are:
  - Bank Transfer
  - Customer Transfer.

Transaction Type Code
Specify the required transaction type code.

:1510:Type
Specify the type code of the payment. The options are:
  - 10 (Customer Transfers)
  - 15 (International Transfers)
  - 16 (Settlement transfers between Fedwire members)

Sub Type
The system defaults the Sub-type code to “00” and is non-editable.

Note
This is because only the sub-type code of “00” is currently supported for any of the type codes.
3.1.2 Main Tab

Click ‘Main’ tab to capture the Outgoing Fedwire details:

Specify the following details:

**5000: Originator**

**Debit Account**
Specify the debit account number of the Originating customer. Alternatively, you can select the debit account number from the option list. The list displays all open and active customer accounts.

**ID Code**
Select the ID code from the drop down list corresponding to the type of originator identification and details that are desired to be input in the following fields. The options are:

- B - SWIFT Bank Identifier Code (BIC)
- C - CHIPS Participant
- D - Demand Deposit Account (DDA) Number
- F - Fed Routing Number
- T - SWIFT BIC or Bank Entity Identifier (BEI) and account number
- U - CHIPS Identifier
- 1 - Passport Number
- 2 - Tax Identification Number
- 3 - Driver’s License Number
- 4 - Alien Registration Number
- 5 - Corporate Identification
- 9 - Other Identification

**Identifier**
Specify the identifier details as per the selected ID Code.
Name
The system displays the Originator’s name based on the selected Debit account

Address
Specify the address details of the originator.

Address 1
Specify the additional address details of the originator.

Payment Details

Booking Date
Specify the booking date of the payment.

Instruction Date
Specify the Instruction Date of the outgoing payment which can be current or future business date.

Value Date
Specify the Value date of the transaction.

Transfer Currency
The system displays the transfer currency of USD by default.

Transfer Amount
Specify the amount for the transfer.

3700: Exchange Rate
Exchange rate for converting the Transfer amount in USD to debit account currency is derived on clicking the Enrich button.

Enrich
Click this button for enrichment of the transaction that includes deriving exchange rate (if applicable), Value dates, Charges and mandatory field validation.

Receiver

Receiver ABA Number
Select the ABA Number of Receiver DI (Depository Institution) from the list of all Fedwire members.

Receiver Short Name
Specify the Receiver DI’s Short Name.

Debit Value Date
The system displays the derived debit value date on clicking Enrich.

Credit Value Date
The system displays the credit value date on clicking Enrich.

Customer No
The system displays the customer number (of the customer maintained in the system) that is derived based on the selected debit account number of the originator.

Customer Service Model
The system displays the customer service model linked to the customer.

Remarks
Specify any remarks for the payment being booked
Details of Charges
Select the details of charges from the drop down list. The options are:
- B (Beneficiary)
- S (Shared)

Senders Charges
Specify the sender’s charges as <USD><Amount>. For e.g. USD10.25.

:4100:Beneficiary FI

ID Code
Select the ID code from the drop down corresponding to the type of identification of Beneficiary FI and details that are desired to be input in the following fields. The options are:
- B - SWIFT Bank Identifier Code (BIC)
- C - CHIPS Participant
- D - Demand Deposit Account (DDA) Number
- F - Fed Routing Number
- U - CHIPS Identifier

Identifier
Specify the Beneficiary FI identifier as per the selected ID Code.

Name
Specify the name of the beneficiary FI.

Address
Specify the address of the beneficiary FI.

:4200:Beneficiary

ID Code
Select the ID code from the drop down corresponding to the type of identification of Beneficiary and details that are desired to be input in the following fields. The options are:
- B - SWIFT Bank Identifier Code (BIC)
- C - CHIPS Participant
- D - Demand Deposit Account (DDA) Number
- F - Fed Routing Number
- T - SWIFT BIC or Bank Entity Identifier (BEI) and account number
- U - CHIPS Identifier
- 1 - Passport Number
- 2 - Tax Identification Number
- 3 - Driver’s License Number
- 4 - Alien Registration Number
- 5 - Corporate Identification
- 9 - Other Identification

Identifier
Specify the identification details as per the selected ID Code.
Name
Specify the name of the beneficiary.

Address
Specify the address details of the Beneficiary.

3.1.3 Pricing Tab

This tab displays the pricing details of the charges computed by system based on the transaction attributes in the Main tab. These details are populated on clicking Enrich button in the Main tab before saving the transaction, or as part of processing on saving the transaction without clicking Enrich.

The below mentioned attributes will be available in the Pricing tab

Pricing Component
The system displays the Name of the pricing component applicable for the transaction for which charges are computed.

Pricing Currency
The system displays the Currency in which the charge amount is calculated for the Pricing component.

Amount
The system displays the charge amount calculated for each pricing component.

Waived
This field if checked indicates that the charge is waived for the pricing component.

Debit currency
The system displays the currency in which the charge amount is debited for the pricing component. This is the currency of the debit (originator) account.

Debit amount
The system displays the charge amount in debit currency to be debited. This amount is different from the calculated Pricing amount if the debit currency is different from the Pricing Currency. The Debit amount for charges is calculated by converting the Pricing amount in Pricing Currency to Debit currency using specified Exchange Rate type in Pricing Code maintenance.
Deferred
This field if checked indicates that the charges are not collected during transaction processing but their liquidation is deferred based on customer preferences. Applicable only for “S” (Shared) type of charges.

Borne By Bank
This field if checked indicates that the charges are borne by bank.

3.1.4 FI Information

Click ‘FI Information’ tab to specify the FI Information details:

Specify the following details:

:6100:Receiver FI Information
Specify the information for the Receiver FI in the lines provided.

:6110:Drawdown Debit Account Advice Information
Advice Code
Select the Advice Code for drawdowns from the drop down list. The options are LTR, PHN, TLX and WRE.

Additional Information
Specify additional information on the Advice.

:6200:Intermediary FI Information
Specify the information for the Intermediary FI in the lines provided.

:6210:Intermediary FI Advice Information
Advice Code
Select the appropriate value of the Intermediary FI Advice from the drop down list. The options are LTR, PHN, TLX and WRE.
**Additional Information**
Specify additional information on the Advice.

**:6300:Beneficiary's FI Information**
Specify the Beneficiary FI Information in the lines provided.

**:6310:Beneficiary’s FI Advice Information**

**Advice Code**
Select the appropriate value of Advice code for the Beneficiary FI Advice from the drop down list. The options are LTR, PHN, TLX and WRE. After selecting the option, you may specify additional information in the lines provided.

**:6400:Beneficiary Information**
Specify the information for the beneficiary in the lines provided.

**:6410:Beneficiary Advice Information**

**Advice Code**
Select the Advice Code for the Beneficiary Advice from the drop down list. The options are LTR, PHN, TLX and WRE.

**Additional Information**
Specify additional information on the Advice.

**:6420:Method of Payment to Beneficiary**

**Method of payment**
Specify the method of payment. ‘CHECK’ is the only valid option that can be input.

**Additional Information**
Specify additional information on the method of payment.

**:6500:FI to FI Information**
Specify the FI to FI Information in the lines provided.
3.1.5 **Additional Tab**

Click ‘Additional’ tab to capture the additional details:

Specify the following details:

**Additional Details**

:*3320:Sender’s Reference*
Specify the Sender’s Reference.

:*3610:Local Instrument Code*
Select the local Instrument Code from the drop down list. The available values are ANSI, COVS, GXML, IXML, NARR, PROP, RMTS, RRMT, S820, SWIF and UEDI.

**Proprietary Code**
Specify a Proprietary Code if the Local Instrument Code element selected is PROP.

:*4320:Reference for Beneficiary*
Specify the reference details for beneficiary.

:*4000:Intermediary FI*

**ID Code**
Select the required ID Code from the drop down list. The available values are B, C, D, U and F.

**Identifier**
Specify the Identifier details of the Intermediary for the selected ID Code.

**Name**
Specify the name of the Intermediary.

**Address 1 to 3**
Specify the address of the Intermediary in the lines provided.
:5200:Instructing FI

ID Code
Specify the required ID Code from the drop down list. The available values are B, C, D, U and F.

Identifier
Specify the Identifier details for the selected ID code.

Name
Specify the name of the Instructing FI.

Address 1 to 3
Specify the address of the Instructing FI in the lines provided.

:6000:Originator to Beneficiary Information

Specify the Originator to Beneficiary details in the lines provided.

:8250:Related Remittance Information

Remittance Identification
Specify the Remittance Identification details.

Remittance Location Method
Specify the Remittance Location Method details.

Remittance Location Electronic Address
Specify the Remittance Location Electronic Address details.

Name
Specify the name as mentioned in the Remittance Information.

Address Type
Specify the Address Type which should be one of the following allowed values - ADDR, BIZZ, DLVY, HOME, MLTO and PBOX.

Department
Specify the associated department details.

Sub Department
Specify the associated sub department details.

Street Name
Specify the Street Name.

Building Number
Specify the Building Number.

Address
Specify the address.
3.1.6 Remittance Information Tab

Click ‘Remittance Information’ tab to capture the information on Remittance:

Specify the following details:

:8300:Remittance Originator

:8300:Remittance Originator Identification Type
Select the Originator Identification Type from the drop down.

Identification Code
Specify the Identification Code.

Name
Specify the name of the Remittance Originator.

Identification Number
Specify the Identification Number of the Originator.

Identification Number Issuer
Specify the Identification Number Issuer of the identification.

Date & Place Of Birth
Specify the Originator’s date of birth and place of birth.

Address Type
Specify the address type, which should be one of the following allowed values - ADDR, BIZZ, DLVY, HOME, MLTO and PBOX.

Department
Specify the department.

Address
Specify the address details.
**8350: Remittance Beneficiary**

**Name**
Specify the name of the Beneficiary of the remittance.

**Identification Type**
Specify the Identification Type of the Beneficiary.

**Identification Code**
Specify the Identification Code of the Beneficiary as per the selected Identification type.

**Identification Number**
Specify the Identification Number of the beneficiary.

**Identification Number Issuer**
Specify the beneficiary’s Identification Number Issuer.

**Date & Place Of Birth**
Specify the beneficiary’s date of birth and place of birth.

**Address Type**
Select the address type from the drop down, which should be one of the following allowed values - ADDR, BIZZ, DLVY, HOME, MLTO and PBOX.

**Department**
Specify the department.

**Address**
Specify the address details.

**8400: Primary Remittance Document Information**

**Document Type Code**
Select the code to specify the document type from the drop down list.

**Proprietary Document Type Code**
Specify a Proprietary Document Type Code if the Document Type Code selected is PROP.

**Document Identification Number**
Specify the Document Identification Number

**Issuer**
Specify the Issuer of the document.

**8450: Actual Amount Paid**

**Currency Code**
Specify the currency code of the actual amount remitted.

**Amount**
Specify the actual amount remitted.

**8500: Gross Amount of Remittance Document**

**Document Currency Code**
Specify the currency code of the gross amount remitted as mentioned in the Remittance Document.
Amount
Specify the gross amount remitted.

:8550:Amount of Negotiated Discount
Discount Currency Code
Specify the currency code of the negotiated discount for the amount payable.

Amount
Specify the discounted amount.

:8600:Adjustment Information
Adjustment Reason Code
Specify the adjustment reason code from the drop down.

Credit Debit Indicator
Specify if the adjustment is done for credit or debit.

Currency Code
Specify the currency code of the adjustment amount.

Amount
Specify the adjusted amount.

Additional Information
Specify any other related information.

:8700:Secondary Remittance Document Information
Document Type Code
Select the code to specify the document type from the drop down list.

Proprietary Document Type Code
Specify a Proprietary Document Type Code if the Document Type Code selected is PROP.

Document Identification Number
Specify the Document Identification Number

Issuer

:8750 Remittance Free text
Specify any remarks on the remittance in the free text format in the lines provided.
3.1.7 Viewing Fedwire Outgoing Summary

You can view the summary in "Fedwire Outgoing Summary" screen. You can invoke the Fedwire Network Currency Preferences screen by typing 'PWSOTONL' in the field at the top right corner of the Application toolbar and clicking on the adjoining arrow button.

You can search for the records using one or more of the following parameters:

- Transaction reference no
- Value Date
- Network Code
- User Reference
- Source Code
- Transaction Branch
- Instruction Date
- Booking Date
- Customer No
- Customer Service Model
- Receiver ABA Number
- Authorization Status

Once you have specified the search parameters, click 'Search' button. The system displays the records that match the search criteria. You can view the following details in here:

- Transaction reference no
- Value Date
- Network Code
- User Reference
- Source Code
- Transaction Branch
- Instruction Date
- Booking Date
- Customer No
- Customer Service Model
- Receiver ABA Number
Authorization Status

3.1.8 Fedwire Outgoing View Screen

You can view the details of an Outgoing Fedwire transaction in the “Fedwire Outgoing View” Screen. You can invoke the “Fedwire Outgoing View” screen by typing ‘PWDOVIEW’ in the field at the top right corner of the Application toolbar and clicking on the adjoining arrow button.

The following tabs are visible in the View Screen: Please refer to the fields details from Section 2.1.2 to Section 2.1.6.

Main
You can view the Main details of the Fedwire Outgoing transaction.

Pricing
You can view the pricing details of the Fedwire Outgoing transaction.

FI Information
You can view the FI Information details of the Fedwire Outgoing transaction.

Additional
You can view the Additional details of the Fedwire Outgoing transaction.

Remittance Information
You can view the Remittance Information details of the Fedwire Outgoing transaction.

Accounting Entries
You can view the Accounting Entries of the Fedwire Outgoing transaction.

In addition to these tabs, the following links are available that opens a separate sub screen:

- View Action Queue - You can view the different actions taken by system or by user when the transaction was moved to various exception queues as part of the processing.
- UDF - You can view the User Defined Fields in this sub-screen.
- MIS - You can view the MIS details in this sub-screen.
- All Messages - You can view all the messages created for the Outgoing transaction.
### 3.1.9 All Messages

Click the "All Messages" link in the View screen to invoke this sub-screen.

The system displays the following details in a grid form containing one or multiple rows:

<table>
<thead>
<tr>
<th>Contract Reference</th>
<th>DCN</th>
<th>Message Type</th>
<th>SWIFT Message Type</th>
<th>Direction</th>
<th>Value Date</th>
<th>Message Status</th>
<th>Test Status</th>
</tr>
</thead>
</table>

**Contract Reference**
Displays the contract (transaction) reference number.

**DCN**
Displays the unique DCN number assigned by the system to each generated message.

**Message Type**
Displays the system defined message type e.g. Cust_Transfer, Cover etc.

**SWIFT Message Type**
Specify the SWIFT message type of the generated message e.g. MT103, MT202COV etc.

**Direction**
Displays if the message is outgoing or incoming.

**Media**
Displays the message generation date.

**Message Status**
The system displays the message status. e.g. Hand-off, Repair etc.

**Test Status**
The system displays the Test status of the message, which would generally be “Not Applicable”.

**Authorization Status**
The system displays the authorization status. i.e. Authorized or Unauthorized. For incoming messages which fall into Repair or a user defined queue, this status may be “Unauthorized” if the message has been manually repaired and awaiting authorization.
**Acknowledgment Status**
The system displays whether Acknowledgement from SWIFT (ACK/NAK) is required or not for the outgoing SWIFT message. This value is displayed based on the message level configuration.

**Media**
The system displays the media of the message which is “SWIFT”.

**Receiver/Sender**
Displays the Customer ID of the Receiver of an outgoing SWIFT message or of the Sender of an incoming SWIFT message.

**Receiver Name**
Displays the name of the receiver or sender.

**PDE Flag**
Displays if PDE trailer is included in the incoming or outgoing message.

### 3.1.9.1 Message Details

You can select a particular message in the All Messages summary sub-screen (explained above) and view the message details in this screen.

Displays the following details for the selected message.

**Reference Number**
Specify the transaction reference number.

**DCN**
The system displays DCN of the message.

**ESN/Version Number**
The system displays the version number of the message.

**Receiver/Sender**
The system displays receiver/sender of the message.

**Message Type**
The system displays system defined message type.

**SWIFT Message Type**
The system displays SWIFT message type.

**Message**
The system displays details of the actual message including BIC and Name and Address details of the Sender and Receiver as well as the fields and values populated in the message body.

**Remarks**
Specify a comments or remarks for the message.

**Reject Reason**
The system displays the reject reason code.

**Message Trailers**
The system displays the message trailers.
3.1.10 **Accounting Entries**

During payment transaction processing, the accounting entries whose for which hand-off status is pending are posted to a JMS Queue. Once these entries are posted in the queue, the status is updated as handed off.

If the Accounting system and the ECA system are not the same, an update is sent to the ECA system as well while doing the accounting handoff. Any amount block in the customer account done during External credit approval can be released on receiving accounting update.

Click the “Accounting Entries” tab in the view screen to invoke the screen.

The system displays the following details in a grid form that contains accounting entries in multiple rows:

- **Reference Number**
  Displays the Transaction reference number.

- **Event Code**
  Displays the Accounting event code.

- **Account**
  The system displays the transaction account number that is debited or credited in the accounting entry.

- **Account Branch**
  The system displays the account branch.

- **TRN Code**
  The system populates the transaction code of the accounting entry from the Account Template maintenance.

- **Dr/Cr**
  The system displays whether the accounting entry is ‘debit’ or ‘credit’ leg.

- **Amount Tag**
  The system displays the amount tag of the Amount being debited/credited.

- **Account Currency**
  The system displays the transaction account currency.

- **Transaction Amount**
  The system displays the transaction amount being debited/credited.
Netting
The system displays if Netting of accounting entries is required.

Offset Account
The system displays the Offset Account of the accounting entry for posting the offset debit/credit.

Offset Account Branch
The system displays the Offset Account Branch.

Offset TRN Code
The system displays the Offset Transaction Code from the Account Template maintenance.

Offset Amount Tag
The system displays the Offset Amount Tag of the Offset amount.

Offset Currency
The system displays the Offset Amount Currency.

Offset Amount
The system displays the Offset Amount being debited or credited.

Offset Netting
The system displays if the Offset Netting is required.

### 3.2 Incoming Fedwire Input Screen

System supports Fedwire Incoming Payments for the below mentioned transfer type:
- Customer Transfer
- Bank Transfer

### 3.2.1 Invoking Fedwire Incoming Screen

Incoming Fedwire payments can be manually booked from this screen in case the inward Fedwire message cannot be received or processed due to any reason. You can invoke “Fedwire Incoming Payments” screen by typing ‘PWDITONL’ in the field at the top right corner.
of the Application tool bar and clicking on the adjoining arrow button. Click new button on the Application toolbar.

You can specify the following fields:

**Transaction Branch**
The system defaults the transaction branch code with the user’s logged in branch code.

**Transaction Reference Number**
The system generates and displays the unique transaction reference number.

**User Reference**
The system generates and displays the user reference number when you click on **New**.

**Host code**
The system defaults the host code of transaction branch.

**Source Code**
The system derives the source code field. For manual transactions, source code is defaulted to MANL.

**Source Reference Number**
The system displays the Reference Number provided by the channel or any other source for the transaction. The same can also be input for manually booked transaction.

**Network Code**
Select the Fedwire network code.

**Business Function Code**
Specify the desired Business Function Code from the available options. For e.g. CTR (Customer Transfer), BTR (Bank Transfer) etc.

**Transfer Type**
Select the required type of transfer. Choose between Bank Transfer and Customer Transfer.

**Transaction Type Code**
Specify the required transaction type code.
Select the type code for the payment from the drop down list. The options are:

- **10** (Customer Transfers)
- **15** (International Transfers)
- **16** (Settlement transfers between Fedwire members).

**Sub Type**

System defaults the Sub-type code to “00” and is non-editable.

---

**Note**

This is because only sub-type code of “00” is currently supported for any of the type codes in case of incoming and outgoing payments.

### 3.2.2 **Main Tab**

Click ‘Main’ tab to capture the Incoming Fedwire details:

Specify the following details:

**:5000-Originator**

**ID Code**

Select the ID code from the drop down list corresponding to the type of originator identification and details that are desired to be input in the following fields. The options are:

- **B** - SWIFT Bank Identifier Code (BIC)
- **C** - CHIPS Participant
- **D** - Demand Deposit Account (DDA) Number
- **F** - Fed Routing Number
- **T** - SWIFT BIC or Bank Entity Identifier (BEI) and account number
- **U** - CHIPS Identifier
- **1** - Passport Number
• 2 - Tax Identification Number
• 3 - Driver’s License Number
• 4 - Alien Registration Number
• 5 - Corporate Identification
• 9 - Other Identification

**Identifier**
Specify the identifier details as per the selected ID Code.

**Name**
The system displays the Originator's name based on the selected Debit account

**Address**
Specify the address details of the originator.

**Address 1**
Specify the additional address details of the originator.

**Payment Details**

**Booking Date**
Specify the booking date of the payment.

**Instruction Date**
Specify the Instruction Date of the incoming payment which can be current or future business date.

**Value Date**
Specify the Value date of the transaction.

**Transfer Currency**
The system displays the transfer currency of USD by default.

**Transfer Amount**
Specify the amount for the transfer.

**3700:Exchange Rate**
Specify the exchange rate details.

**Enrich**
Click this button for enrichment of the transaction that includes deriving exchange rate (if applicable), Value dates, Charges and mandatory field validation.

**Receiver**

**Receiver ABA Number**
Select the ABA Number of Receiver DI (Depository Institution) from the list of all Fedwire members.

**Receiver Short Name**
Specify the Receiver DI's Short Name.

**Debit Value Date**
The system displays the derived debit value date on clicking Enrich.

**Credit Value Date**
The system displays displays the credit value date on clicking Enrich.
Customer No
The system displays the customer number (of the customer maintained in the system) that is
derived based on the selected debit account number of the originator.

Customer Service Model
The system displays the customer service model linked to the customer.

Remarks
Specify any remarks for the payment being booked

Details of Charges
Select the details of charges from the drop down list. The options are:

- B (Beneficiary)
- S (Shared)

Senders Charges
Specify the sender’s charges as <USD><Amount>. For e.g. USD10.25.

:4100:Beneficiary FI

ID Code
Select the ID code from the drop down corresponding to the type of identification of Beneficiary
FI and details that are desired to be input in the following fields. The options are:

- B - SWIFT Bank Identifier Code (BIC)
- C - CHIPS Participant
- D - Demand Deposit Account (DDA) Number
- F - Fed Routing Number
- U - CHIPS Identifier

Identifier
Specify the Beneficiary FI identifier as per the selected ID Code.

Name
Specify the name of the beneficiary FI.

Address
Specify the address of the beneficiary FI.

:4200:Beneficiary

ID Code
Select the ID code from the drop down corresponding to the type of identification of Beneficiary
and details that are desired to be input in the following fields. The options are:

- B - SWIFT Bank Identifier Code (BIC)
- C - CHIPS Participant
- D - Demand Deposit Account (DDA) Number
- F - Fed Routing Number
- T - SWIFT BIC or Bank Entity Identifier (BEI) and account number
- U - CHIPS Identifier
- 1 - Passport Number
- 2 - Tax Identification Number
- 3 - Driver’s License Number
- 4 - Alien Registration Number
- 5 - Corporate Identification
- 9 - Other Identification

**Beneficiary Account**
Specify the identification details as per the selected ID Code.

**Beneficiary Currency**
Specify the currency of the beneficiary.

**Name**
Specify the name of the beneficiary.

**Address**
Specify the address details of the Beneficiary.

### 3.2.3 Pricing Tab

This tab displays the pricing details of the charges computed by system based on the transaction attributes in the Main tab. These details are populated on clicking Enrich button in the Main tab before saving the transaction, or as part of processing on saving the transaction without clicking Enrich.

The below mentioned attributes will be available in the Pricing tab

**Pricing Component**
The system displays the Name of the pricing component applicable for the transaction for which charges are computed.

**Pricing Currency**
The system displays the Currency in which the charge amount is calculated for the Pricing component.

**Amount**
The system displays the charge amount calculated for each pricing component.

**Waived**
This field if checked indicates that the charge is waived for the pricing component.
Debit currency
The system displays the currency in which the charge amount is debited for the pricing component. This is the currency of the debit (originator) account.

Debit amount
The system displays the charge amount in debit currency to be debited. This amount is different from the calculated Pricing amount if the debit currency is different from the Pricing Currency. The Debit amount for charges is calculated by converting the Pricing amount in Pricing Currency to Debit currency using specified Exchange Rate type in Pricing Code maintenance.

Deferred
This field if checked indicates that the charges are not collected during transaction processing but their liquidation is deferred based on customer preferences. Applicable only for "S" (Shared) type of charges.

Borne By Bank
This field if checked indicates that the charges are borne by bank.

3.2.4 FI Information
Click ‘FI Information’ tab to specify the FI Information details:

Specify the following details

:6100:Receiver FI Information
Specify the information for the Receiver FI in the lines provided.

:6110:Drawdown Debit Account Advice Information
Advice Code
Select the Advice Code for Drawdowns from the drop down list. The options are LTR, PHN, TLX and WRE.

Additional Information
Specify additional information on the Advice.
:6200: Intermediary FI Information
Specify the information for the Intermediary FI in the lines provided.

:6210: Intermediary FI Advice Information
Advice Code
Select the appropriate value of the Intermediary FI Advice from the drop down list. The options are LTR, PHN, TLX and WRE.
Additional Information
Specify additional information on the Advice.

:6300: Beneficiary’s FI Information
Specify the Beneficiary FI Information in the lines provided.

:6310: Beneficiary’s FI Advice Information
Advice Code
Select the appropriate value from the drop down list. The options are LTR, PHN, TLX and WRE. After selecting the option, you may specify additional information in the lines provided.
Additional Information
Specify additional information on the Advice.

:6400: Beneficiary’s FI Information
Specify the information for the Beneficiary in the lines provided.

:6410: Beneficiary’s FI Advice Information
Advice Code
Select the Advice Code for the Beneficiary Advice from the drop down list. The options are LTR, PHN, TLX and WRE.
Additional Information
Specify additional information on the Advice.

:6420: Method of Payment to Beneficiary
Method of payment
Specify the method of payment. CHECK is the only valid option that can be input.
Additional Information
Specify additional information on the method of payment.

:6500: FI to FI Information
Specify the FI to FI Information in the lines provided.
3.2.5 Additional Tab

Click ‘Additional’ tab to capture the additional details:

Specify the following details:

**Additional Details**

:3320:Sender’s Reference
Specify the Sender’s Reference.

:3610:Local Instrument Code
Select the local Instrument Code from the drop down list. The available values are ANSI, COVS, GXML, IXML, NARR, PROP, RMTS, RRMT, S820, SWIFand UEDI.

**Proprietary Code**
Specify a Proprietary Code if the Local Instrument Code element selected is PROP.

:4320:Reference for Beneficiary
Specify the reference details for beneficiary.

:4000:Intermediate FI

**ID Code**
Select the required ID Code from the drop down list. The available values are B, C, D, U and F.

**Identifier**
Specify the Identifier details of the Intermediary for the selected ID Code.

**Name**
Specify the name of the Intermediary.

**Address 1 to 3**
Specify the address of the Intermediary in the lines provided.
**Instructing FI**

**ID Code**
Specify the required ID Code from the drop down list. The available values are B, C, D, U and F.

**Identifier**
Specify the Identifier details for the selected ID code.

**Name**
Specify the name of the Instructing FI.

**Address 1 to 3**
Specify the address of the Instructing in the lines provided.

**Originator to Beneficiary Information**

**Remittance Identification**
Specify the Remittance Identification details.

**Remittance Location Method**
Specify the Remittance Location Method details.

**Remittance Location Electronic Address**
Specify the Remittance Location Electronic Address details.

**Name**
Specify the name as mentioned in the Remittance Information.

**Address Type**
Specify the Address Type which should be one of the following allowed values - ADDR, BIZZ, DLVY, HOME, MLTO and PBOX.

**Department**
Specify the associated department details.

**Sub Department**
Specify the associated sub department details.

**Street Name**
Specify the Street Name.

**Building Number**
Specify the Building Number.

**Address**
Specify the address.
3.2.6 **Remittance Information Tab**

Click ‘Remittance Information’ tab to capture the information on Remittance:

Specify the following details:

:8300:Remittance Originator

:8300:Remittance Originator Identification Type
Select the Originator Identification Type from the drop down.

**Identification Code**
Specify the Identification Code.

**Name**
Specify the name of the Remittance Originator.

**Identification Number**
Specify the Identification Number Issuer of the identification.

**Identification Number Issuer**
Specify the Identification Number Issuer.

**Date & Place Of Birth**
Specify the Originator’s date of birth and place of birth.

**Address Type**
Specify the address type, which should be one of the following allowed values - ADDR, BIZZ, DLVY, HOME, MLTO and PBOX.

**Department**
Specify the department.

**Address**
Specify the address details.
:8350:Remittance Beneficiary

Name
Specify the name of the Beneficiary of the remittance.

Identification Type
Specify the Identification Type of the Beneficiary.

Identification Code
Specify the Identification Code of the Beneficiary as per the selected Identification type.

Identification Number
Specify the Identification Number of the beneficiary.

Identification Number Issuer
Specify the beneficiary’s Identification Number Issuer.

Date & Place Of Birth
Specify the beneficiary’s date of birth and place of birth.

Address Type
Select the address type from the drop down, which should be one of the following allowed values - ADDR, BIZZ, DLVY, HOME, MLTO and PBOX.

Department
Specify the department.

Address
Specify the address details.

:8400:Primary Remittance Document Information

Document Type Code
Select the code to specify the document type from the drop down list.

Proprietary Document Type Code
Specify a Proprietary Document Type Code if the Document Type Code selected is PROP.

Document Identification Number
Specify the Document Identification Number

Issuer
Specify the Isuser of the document.

:8450:Actual Amount Paid

Currency Code
Specify the currency code of the actual amount remitted.

Amount
Specify the actual amount remitted.

:8500:Gross Amount of Remittance Document

Document Currency Code
Specify the currency code of the gross amount remitted as mentioned in the Remittance Document.
Amount
Specify the gross amount remitted.

:8550:Amount of Negotiated Discount
Discount Currency Code
Specify the currency code of the negotiated discount for the amount payable.

Amount
Specify the discounted amount.

:8600:Adjustment Information
Adjustment Reason Code
Specify the adjustment reason code from the drop-down.

Credit Debit Indicator
Specify if the adjustment is done for credit or debit.

Currency Code
Specify the currency code of the adjustment amount.

Amount
Specify the discounted amount.

Additional Information
Specify any other related information.

:8700:Secondary Remittance Document Information
Document Type Code
Select the code to specify the document type from the drop down list.

Proprietary Document Type Code
Specify a Proprietary Document Type Code if the Document Type Code selected is PROP.

Document Identification Number
Specify the Document Identification Number

Issuer

:8750:Remittance Free text
Specify any remarks on the remittance in the free text format in the lines provided.
3.2.7 Viewing Fedwire Incoming Summary

You can view the summary in “Fedwire Incoming Summary” screen. You can invoke the “Fedwire Incoming Summary” screen by typing ‘PWSITONL’ in the field at the top right corner of the Application toolbar and clicking on the adjoining arrow button.

You can search for the records using one or more of the following parameters:

- Transaction reference no
- Value Date
- Network Code
- User Reference
- Source Code
- Transaction Branch
- Instruction Date
- Booking Date
- Customer No
- Customer Service Model
- Receiver ABA Number
- Authorization Status

Once you have specified the search parameters, click ‘Search’ button. The system displays the records that match the search criteria. You can view the following details in here:

- Transaction reference no
- Value Date
- Network Code
- User Reference
- Source Code
- Transaction Branch
- Instruction Date
- Booking Date
- Customer No
- Customer Service Model
- Receiver ABA Number
Fedwire Incoming View Screen

You can view the details of an Incoming Fedwire transaction in the “Fedwire Incoming View” Screen. You can invoke the “Fedwire Incoming View” screen by typing ‘PWDIVIEW’ in the field at the top right corner of the Application toolbar and clicking on the adjoining arrow button.

The following tabs are visible in the View Screen: Please refer to the fields details from Section 2.2.2 to Section 2.2.6.

Main
You can view the Main details of the Fedwire Incoming transaction.

Pricing
You can view the pricing details of the Fedwire Incoming transaction.

FI Information
You can view the FI Information details of the Fedwire Incoming transaction.

Additional
You can view the Additional details of the Fedwire Incoming transaction.

Remittance Information
You can view the Remittance Information details of the Fedwire Incoming transaction.

Accounting Entries
You can view the Accounting Entries of the Fedwire Incoming transaction.

In addition to these tabs, the following links are available that opens a separate sub screen.

- View Action Queue - You can view the different actions taken by system or by user when the transaction was moved to various exception queues as part of the processing.
- UDF - You can view the User Defined Fields in this sub-screen.
- MIS - You can view the MIS details in this sub-screen.
- All Messages - You can view all the messages created for the incoming transaction.
### 3.2.9 All Messages

Click the “All Messages” link in the View screen to invoke this sub-screen.

<table>
<thead>
<tr>
<th>Contract Reference</th>
<th>DCN</th>
<th>Message Type</th>
<th>SWIFT Message Type</th>
<th>Direction</th>
<th>Value Date</th>
<th>Message Status</th>
<th>Test Status</th>
</tr>
</thead>
</table>

The system displays the following details in a grid form containing one or multiple rows:

- **Contract Reference**
  - Displays the contract (transaction) reference number.

- **DCN**
  - Displays the unique DCN number assigned by the system to each generated message.

- **Message Type**
  - Displays the system defined message type e.g. Cust_Transfer, Cover etc.

- **SWIFT Message Type**
  - Specify the SWIFT message type of the generated message e.g. MT103, MT202COV etc.

- **Direction**
  - Displays if the message is outgoing or incoming.

- **Media**
  - Displays the message generation date.

- **Message Status**
  - The system displays the message status. e.g. Hand-off, Repair etc.

- **Test Status**
  - The system displays the Test status of the message, which would generally be “Not Applicable”.

- **Authorization Status**
  - The system displays the authorization status. i.e. Authorized or Unauthorized. For incoming messages which fall into Repair or a user defined queue, this status may be “Unauthorized” if the message has been manually repaired and awaiting authorization.
Acknowledgment Status
The system displays whether Acknowledgement from SWIFT (ACK/NAK) is required or not for the outgoing SWIFT message. This value is displayed based on the message level configuration.

Media
The system displays the media of the message which is “SWIFT”.

Receiver/Sender
Displays the Customer ID of the Receiver of an outgoing SWIFT message or of the Sender of an incoming SWIFT message.

Receiver Name
Displays the name of the receiver or sender.

PDE Flag
Displays if PDE trailer is included in the incoming or outgoing message.

3.2.9.1 Message Details

You can select a particular message in the All Messages summary sub-screen (explained above) and view the message details in this screen.

Displays the following details for the selected message.

Reference Number
Specify the transaction reference number.

DCN
The system displays DCN of the message.

ESN/Version Number
The system displays the version number of the message.

Receiver/Sender
The system displays receiver/sender of the message.

Message Type
The system displays system defined message type.

SWIFT Message Type
The system displays SWIFT message type.

Message
The system displays details of the actual message including BIC and Name and Address details of the Sender and Receiver as well as the fields and values populated in the message body.

Remarks
Specify a comments or remarks for the message.

Reject Reason
The system displays the reject reason code.

Message Trailers
The system displays the message trailers.
3.2.10 **Accounting Entries**

During payment transaction processing, the accounting entries whose for which hand-off status is pending are posted to a JMS Queue. Once these entries are posted in the queue, the status is updated as handed off.

If the Accounting system and the ECA system are not the same, an update is sent to the ECA system as well while doing the accounting handoff. Any amount block in the customer account done during External credit approval can be released on receiving accounting update.

Click the “Accounting Entries” tab in the view screen to invoke the screen.

The system displays the following details in a grid form that contains accounting entries in multiple rows:

- **Reference Number**
  Displays the Transaction reference number.

- **Event Code**
  Displays the Accounting event code.

- **Account**
  The system displays the transaction account number that is debited or credited in the accounting entry.

- **Account Branch**
  The system displays the account branch.

- **TRN Code**
  The system populates the transaction code of the accounting entry from the Account Template maintenance.

- **Dr/Cr**
  The system displays whether the accounting entry is ‘debit’ or ‘credit’ leg.

- **Amount Tag**
  The system displays the amount tag of the Amount being debited/credited.

- **Account Currency**
  The system displays the transaction account currency.

- **Transaction Amount**
  The system displays the transaction amount being debited/credited.
Netting
The system displays if Netting of accounting entries is required.

Offset Account
The system displays the Offset Account of the accounting entry for posting the offset debit/credit.

Offset Account Branch
The system displays the Offset Account Branch.

Offset TRN Code
The system displays the Offset Transaction Code from the Account Template maintenance.

Offset Amount Tag
The system displays the Offset Amount Tag of the Offset amount.

Offset Currency
The system displays the Offset Amount Currency.

Offset Amount
The system displays the Offset Amount being debited or credited.

Offset Netting
The system displays if the Offset Netting is required.
4. Function ID Glossary

P
PWDITONL 19
PWDIVIEW 33
PWDNCPRF 4
PWDNWPRF 1
PWDOTONL 1
PWDOVIEW 15
PWSITONL 32
PWSNCPRF 5
PWSNWPRF 2
PWSOTONL 14