

Domestic Low Value Payments (India NEFT) User Guide

## **Oracle Banking Payments**

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Domestic Low Value Payments (India NEFT) User Guide  
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# 1. About this Manual

## 1.1 Introduction

This manual is designed to help you to quickly get familiar with the Domestic Low Value Payments (India NEFT) functionality of Oracle Banking Payments. It takes you through the various stages in processing a NEFT payment transaction.

## 1.2 Audience

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

Role	Function
Payment Department Operators	Payments Transaction Input functions except Authorization
Back Office Payment Department Operators	Payments related maintenances/Payment Transaction Input functions except Authorization
Payment Department Officers	Payments Maintenance/ Transaction Authorization
Bank's Financial Controller/ Payment Department Manager	Host level processing related setup for PM module and PM Dashboard/Query functions

## 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:

Chapter	Description
Chapter 1	<i>About this Manual</i> gives information on the intended audience. It also lists the various chapters covered in this User Manual.
Chapter 2	<i>Domestic Low Value Payments</i> provides a snapshot of the local payments or payments limited to a specific region.
Chapter 3	<i>NEFT Outbound Payments</i> provides the information about outbound transaction input and it's processing.
Chapter 4	<i>NEFT Inbound Payments</i> provides the information about inbound transaction input and it's processing.
Chapter 5	<i>NEFT Return Payments</i> provides the information about outbound and inbound payment returns.
Chapter 6	<i>NEFT Reject Payments</i> provides the information about reject payments.

Chapter	Description
<b>Chapter 7</b>	<i>Function ID Glossary</i> has alphabetical listing of Function/Screen ID's used in the module with page references for quick navigation.

## 1.5 Glossary of Icons

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

Icons	Function
	Exit
	Add row
	Delete row
	Option List

## 1.6 Abbreviations Glossary

Abbrevia- tion	Detailed Description
NEFT	National Electronic Funds Transfer
ECA	External credit Approval (Balance check with DDA/CBS system)
IFSC	Indian Financial System Code
SFMS	Structured Financial Messaging System
UI	User Interface
REST	Representational State Transfer
SOAP	Simple Object Access Protocol

---

## 2. Domestic Low Value Payments-NEFT

This chapter contains the following sections:

- [Section 2.1, "Overview of National Electronic Funds Transfer \(NEFT\)"](#)
- [Section 2.2, "NEFT Maintenances"](#)

### 2.1 Overview of National Electronic Funds Transfer (NEFT)

National Electronic Funds Transfer (NEFT) is a nation-wide payment system facilitating one-to-one funds transfer in India. Retail and Corporate Customers make use of this mode of payment. It is done via electronic messages conforming as per SFMS standards.

#### Key features of National Electronic Funds Transfer (NEFT)

- Supports following transactions types and messages:
  - Outbound, Inbound and Return transactions
  - camt.059.001.06 Credit confirmation and F20,F25,F26 and F27 Acknowledgement messages
  - End of Day (EOD) and Start of Day (SOD) messages
  - Indo Nepal Remittances
  - Inbound credit to Loan account and GL account
  - Inbound transaction for Credit Card payments
  - Outbound Prefunded transactions
- Supports following functionalities:
  - 24x7 processing
  - Legal Entity Identifier (LEI) validations
  - Account Type validations - NRE Account
  - Beneficiary registration for outbound transactions
  - Non STP functionality for inbound transactions
  - Bulking of individual Outgoing/Incoming pacs.008.001.09 messages (10 messages per bundle) and dispatching to SFMS
  - Return processing as per settlement batches
  - Notification to channels on transaction processing
- Initiation of NEFT Outbound transactions using following options:
  - UI screens
  - Single Payment Service
  - Bulk file upload - C2B Pain.001 file
  - GEFU Upload
- Supports maintenances for SFMS Connectivity

## 2.2 **NEFT Maintenances**

This section lists the key common maintenances that are required for processing of outbound and inbound NEFT Payments:

- India Payments Common Preferences (PMDNFTPF)
- Network Maintenance (PMDNWMNT)
- Source Maintenance (PMDSORCE)
- Source Network Preferences (PMDSORNW)
- Queue Connection Profile Maintenance (PMDQPROF)
- Beneficiary Registration (PMDBENRN)
- India Payment Account Preferences (PMDEXACP)
- India Tax Preference Detailed (PMDINTXP)
- Dispatch Parameters Maintenance (PADISPTM)
- IFSC Directory (PMDIFSMN)
- Branch and IFSC Code Mapping (PMDIFSBR)

For more details on above mentioned maintenance screens, refer to Payments Core User Guide and Common Core - Core Entities and Services User Guide.



## 3. NEFT Outbound Payments

### 3.1 NEFT Outbound Transaction Input

This chapter contains the following sections:

- [Section 3.1.1, "NEFT Outbound Transaction Input"](#)
- [Section 3.1.2, "NEFT Outbound Transaction View"](#)
- [Section 3.1.3, "NEFT Outbound Transaction Booking via Upload"](#)

#### 3.1.1 NEFT Outbound Transaction Input

You can perform NEFT Outbound transaction. All transactions that are entered using this screen has payment type as 'NEFT' and transaction type as 'Outbound'.

You can invoke 'NEFT Outgoing Payment Transaction Input Detailed' screen by typing 'PTDOTONL' 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.

#### Host code

The system defaults the Host Code of transaction branch.

#### Source Code

Select the Source Code via which the payment request is received. This LOV lists all source codes created in this host.

## Network Code

The system displays the Network Code if only one Network is maintained with payment type as NEFT for the host code. If more than one networks are present, you can select the network code from the available list of values.

## Transaction Reference

The system generates the Transaction Reference Number. For more details on the format, refer the Payments Core User Guide.

---

### Note

This transaction reference number is passed in the UTR (Unique Transaction Reference Number) - tag 2020, in the NEFT messages.

---

## Transaction ID

System generates the transaction reference number in specified format.

## UTR Number

System generates UTR number for NEFT outgoing transactions in following format:

- 'N' + Julian Date + 10-digit unique Number.

Component	Description	Digits	Position, Length	Example
Initial Character for NEFT	It is always 'N'.	1	1,1	N
Date	Julian Date (DDDDYY)	5	2,5	1-Sep-2022 = 24422
10-digit No	Server ID - If clustered, each app server will have a number	2	7,2	1 App Server = 01
	Seconds - Seconds Elapsed past date change 1 Minute = 00060 Seconds 1 Hour = 03600 Seconds 24 Hours = 86400 Seconds Left Padded with 0s	5	9,5	For e.g. If time is 18:00 as per the host date, then Seconds will be calculated as 64800.
	Sequence No - Sequential Serial Number generated per second Sequence	3	13,3	For e.g., Seconds and Serial Number Representation for 5 Transactions processed @ 18:00 648000001 - 64800004 64800 - Seconds, 001 - Serial Number

## Related Reference

The system defaults Related Reference Number. However you can modify this.

## Source Reference

The system defaults the Source Reference Number for the payment requests received from channels or any other source. You can input the value for manually booked transaction. The maximum length of this field accepts up to 35 characters.

## Prefunded Payments

Check this box to indicate that Pre funded payments are allowed for the source.

### 3.1.1.1 Main Tab

Click 'Main' tab to capture the Creditor/ Debtor/ Payments details:

The screenshot displays the 'Main' tab of the Oracle Payments interface. It features a top navigation bar with 'Main', 'Additional Details', and 'Pricing' tabs. The main content area is organized into a grid of sections:

- Debtor Details:** Includes fields for Debtor Account Number, Debtor Account Type (dropdown), Debtor Name, Customer Number, Debtor Information (SMS dropdown), Debtor Mobile Number, Debtor Email ID, and Debtor LEI.
- Beneficiary Bank Details:** Includes Beneficiary ID, IFSC Code, Bank Name, and Branch Name.
- Beneficiary Details:** Includes Beneficiary Account Number, Beneficiary Account Type (dropdown), Beneficiary Name, and Beneficiary LEI.
- Payment Details:** Includes Transaction Currency (set to INR), Transaction Amount, Remarks, Booking Date (YYYY-MM-DD), Requested Value Date (YYYY-MM-DD), Value Date (YYYY-MM-DD), Activation Date (YYYY-MM-DD), and Authorizer Remarks.
- Debtor Additional Details:** Includes seven address lines (Address Line 1 through Address Line 7).
- Creditor Additional Details:** Includes seven address lines (Address Line 1 through Address Line 7).
- Sender To Receiver Information:** Includes six fields for Sender To Receiver Information (Information1 through Information6).
- Purpose Details:** Includes Category Purpose Code (EFT dropdown).
- Pending Queue Details:** Includes Queue Code (dropdown) and a View Queue button.
- Instruction for Creditor Agent:** Includes Instruction Information.

At the bottom of the form, there is a navigation bar with tabs: UDF, MIS, View Queue Action, Accounting Entries, and All Messages. Below this is a footer bar with fields for Maker ID, Maker Date Stamp, Checker ID, Checker Date Stamp, Authorization Status, and a Send to Modify button. An Exit button is located in the bottom right corner.

Specify the following details:

## Debtor Details

### Debtor Account Number

Specify the debtor/ remitter account number. Alternatively, you can select the debtor account number from the option list. The list displays all open and authorized accounts as available in External Account Maintenance.

### Debtor Account Type

You can choose from the below allowed values from this LOV. The values specified in the bracket is the account type code, that is passed in the messages.

- Savings Bank (10)
- Current Account (11)
- Cash Credit (13)
- Loan Account (14)
- Overdraft (12)
- NRE (40)

- Cash (50)
- Indo Nepal (51)
- Credit Card (52)

This field displays the text value for the account type. The corresponding number values appears in the NEFT payment messages generated.

---

**Note**

Once you select the 'Indo Nepal Remittance' checkbox, Debtor Account Type defaults to '51' irrespective of Debtor Account is a customer Account or GL.

---

**Debtor Name**

System displays the Debtor Name for selected Debtor Account Number.

**Customer Number**

Specify the Customer Number.

**Debtor Information**

Select the Debtor Information from the following:

- SMS (Default)
- EML

**Debtor Mobile Number**

Specify Debtor Mobile Number. If 'Debtor Information' value is selected as SMS, then Mobile Number is mandatory.

**Debtor Email ID**

Specify the Debtor Email ID. If 'Debtor Information' value is selected as EML, then Email ID is mandatory.

**Debtor LEI**

System displays the Debtor LEI.

**Beneficiary ID**

If Beneficiary registration has been done already for the debtor's account at PMDBENRN. The Beneficiary ID can be picked up from the LOV here. All the other details such as beneficiary account number, account type, beneficiary name, beneficiary bank details such as IFSC code, Bank name, Branch Name are defaulted based on the beneficiary registration maintenance.

If beneficiary ID is not maintained, Beneficiary Details viz., IFSC Code, Bank Name, Branch Name can be entered in the fields provided in this screen.

**Beneficiary Bank Details**

**IFSC Code**

All open and authorized IFSC codes available in local payments bank directory (PMDBKMNT) are listed in this field.

---

**Note**

IFSC code is validated based on the maintenances done in the Local Payments bank Directory screen. If the validation fails, transaction is rejected.

---

**Bank Name**

System defaults the Bank Name based on IFSC code selected.

**Branch Name**

System defaults the Branch Name based on IFSC code selected.

**Beneficiary Details****Beneficiary Account number**

Specify the valid Beneficiary account number, to which the amount is to be credited.

**Beneficiary Account Type**

Select the beneficiary/creditor account type from the drop-down values listed.

- Savings Bank (10)
- Current Account (11)
- Cash Credit (13)
- Loan Account (14)
- Overdraft (12)
- NRE (40)
- Credit Card (52)

This field displays the text value for the account type. The corresponding number values appears in the NEFT payment messages generated.

**Beneficiary Name**

Specify the Beneficiary/Credit Account Name for the account details specified.

**Beneficiary LEI**

Specify the Beneficiary LEI.

**Payment Details****Booking Date**

The system defaults the booking date as application server date.

**Requested Value Date**

You can select the Requested Value Date.

**Value Date**

The system defaults the current system date as value date. However you can select a future date as Value Date. Currency & Network holiday checks are applicable for Value Date.

**Activation Date**

Activation date is derived as Instruction Date – Debit Float days as maintained in Process cutoff maintenance. Holiday check is done for Activation date based on Branch holidays maintained if 'Branch Holiday' check is applicable for the Network maintained in the Payments Preferences screen (PMDNFTPF).

**Transaction Currency**

System defaults the Transaction Currency as 'INR' for NEFT payments.

**Transaction Amount**

You can enter the Transaction Amount. Transaction amount specified is validated with the daily and transaction limits maintained in the Payments Preferences screen (PMDNFTPF).

**Remarks**

Specify the Remarks.

**Authorizer Remarks**

System displays Authorizer Remarks.

**Debtor Additional Details****Address Line 1 to Address Line 7**

Specify the address.

**Creditor Additional Details****Address Line 1 to Address Line 7**

Specify the address.

**Sender To Receiver Information**

System populates the static text automatically on clicking Enrich button in the Sender to Receiver Information fields, if the Debtor account type is NRE.

**Sender to Receiver Information 1-6**

Specify the Sender to Receiver Information.

**Purpose Details****Category Purpose Code**

Select the Category Purpose Code from the following:

- EFT (Default)
- FCRA
- INDNPL

**Pending Queue Details****Queue Details**

System displays Queue details.

**View Queue Button**

Click this button to view Queue action details.

**Instruction for Creditor Agent****Instruction Information**

Specify the Instruction Information.

**Enrich Button**

Following validations are done, on clicking the Enrich button:

- System validates if the Debtor Account Type is NRE/NRO for the outbound transactions.

- The specified instruction date is validated for network holiday. If yes, same is moved to the next working date.
- If the Debtor account type is -NRE/NRO, the 'Sender to Receiver Information' field (from Line 1) is automatically populated with static text as "Sender is NRE. Please ensure compliance to RBI/FEMA regulation before applying funds".
- If you select Beneficiary Account Type 'NRE' (40), then you must select Debtor Account Type also 'NRE' (40). Else system rejects the transaction.
- If you select Debtor Account Type 'NRE' (40), then you can select Beneficiary Account Type as any account from drop-down lists, such as Savings Bank (10), Current Account (11), Cash Credit (13), Loan Account (14), Overdraft (12), NRE (40), and Credit Card (52).
- System computes the Charges, and Tax on Charges if applicable, based on the maintenance for Pricing Code specified in India Payment Common Preferences (PMDNFTPF).

### 3.1.1.2 Additional Details Tab

This tab contains the below fields to capture the address details of debtor/creditor and remittance information from the sender to receiver.

The screenshot shows the 'Additional Details' tab with the following sections:

- Indo Nepal Information:**
  - Beneficiary Identification
  - Beneficiary Contact Number
  - Commission
  - NSBL Account Number
  - Other Bank Account Number
  - Other Bank Name
- FCR Donor Details:**
  - Donor Name
  - Donor Address
  - Purpose of Remittance
  - Country of Donor, Currency and Amount
- Payment Type Information:**
  - Settlement Method: CLRG
  - Instruction Priority: HIGH
  - Charge Bearer: SLEV
  - Service Level Code: SDVA
  - Local Instrument Code: TRF

At the bottom, there are fields for Maker ID, Checker ID, Authorization Status, Maker Date Stamp, Checker Date Stamp, and Send to Modify, along with an Exit button.

#### **Indo Nepal Remittance**

Select this checkbox to indicate that the outgoing NEFT is Indo Nepal Remittance.

#### **Indo Nepal Information**

##### **Beneficiary Identification**

Specify the citizenship/ PAN card/ passport number of the beneficiary or 'X' if no information is available.

##### **Beneficiary Contact Number**

Specify the mobile or land line number of the beneficiary.

##### **Commission**

Specify the Commission/Charges depending upon the transaction amount.

##### **NSBL Account Number**

Specify the Account number of customer to be credited, if user is account holder in Nepal State Bank or 'X' if cash is to be disbursed.

**Other Bank Account Number**

Specify the Account number of customer to be credited, if user is account holder in other bank or 'X' if not available.

**Other Bank Name**

Specify the name of other bank or 'X' if not available.

---

**Note**

For Indo Nepal Information fields validation details, refer to Section 3.2.4, "Indo Nepal Remittance Processing".

---

**FCR Donor Details**

These fields are disabled by default. Only when user selects the category purpose code as 'FCRA' then these fields gets enabled.

When these fields are enabled then Sender to Receiver Information line 1 to 6 and Indo Nepal Information fields gets disabled

**Donor Name**

Specify the Donor Name.

**Donor Address**

Specify the Donor Address.

**Purpose of Remittance**

Specify the Purpose.

**Country of Donor, Currency and Amount**

Specify the Country.

**Payment Type Information****Settlement Method**

System defaults Settlement Method as CLRG.

**Instruction Priority**

System defaults Instruction Priority as HIGH.

**Charge Bearer**

System defaults Charge Bearer as SLEV.

**Service Level Code**

System defaults Service Level Code as SDVA.

**Local Instrument Code**

System defaults Local Instrument Code as TRF.



### 3.1.1.3 Pricing Tab

You can view the pricing details populated by system in this screen.

The screenshot shows the 'NEFT Outgoing Payments Transaction Input Screen' with the 'Pricing' tab selected. The interface includes input fields for Transaction Branch, Host Code, Source Code, Network Code, Transaction Reference, Related Reference, and Source Reference. Below these fields is a table with columns: Pricing Component, Pricing Currency, Pricing Amount, Waiver, Debit Currency, and Debit Amount. The table is currently empty. At the bottom, there are fields for Maker ID, Maker Date Stamp, Checker ID, Checker Date Stamp, and Authorization Status, along with an 'Exit' button.

The following details are available:

#### Pricing Component

The system defaults the pricing component based on the Pricing code linked in Network Currency Preferences.

#### Pricing Currency

The system defaults the pricing currency.

#### Pricing Amount

The system defaults the pricing amount from Pricing Value Maintenance screen (PPDVLMNT) as applicable for the payment value date, Payment Source code and Debit Customer Service Model. However you can modify this value.

---

#### Note

Currency conversions related to charge computation are completed and final amount is populated component wise in the Pricing Tab.

---

#### Waiver

The system defaults the waiver. However you can modify this value.

---

#### Note

If charge/tax is already waived at price value maintenances, then you cannot uncheck the waiver flag.

---

#### Debit amount

System defaults the customer debit amount for charge/tax.

### 3.1.1.4 UDF

Click this link to specify the user defined fields.

The 'Fields' dialog box is shown with a title bar containing a close button (X). Inside the dialog, there is a header section with a 'Go' button and a '1 Of 1' indicator. Below this is a table with two columns: 'Field Label \*' and 'Field Value'. The table is currently empty. At the bottom right of the dialog, there are 'Ok' and 'Exit' buttons.

### 3.1.1.5 MIS

Click this button to specify the MIS fields.

The 'MIS Details' dialog box is shown with a title bar containing a close button (X). Inside the dialog, there are two input fields at the top: 'Transaction Reference Number \*' and 'MIS Group'. Below these fields, there are two main sections: 'Transaction MIS' and 'Composite MIS'. Each section contains a list of input fields for specifying MIS details. At the bottom right of the dialog, there are 'Ok' and 'Exit' buttons.

### 3.1.1.6 View Queue Action Log

You can view all the queue actions for the respective transaction initiated. You can invoke this screen by clicking the 'View Queue Action' button in View screen, where the Transaction Reference Number is auto populated and related details are displayed.

View Queue Action Log

Enter Query

Transaction Reference Number Network Code

1 Of 1 Go

Transaction Reference Number	Action	Remarks	Queue Code	Authorization Status	Maker Id	Maker Date Stamp
------------------------------	--------	---------	------------	----------------------	----------	------------------

View Request Message View Response Message

Exit

Following details are displayed:

- Transaction Reference Number
- Network Code
- Action
- Remarks
- Queue Code
- Authorization Status
- Maker ID
- Maker Date Stamp
- Checker ID
- Checker Date Stamp
- Queue Status
- Queue Reference No
- Primary External Status
- Secondary External Status
- External Reference Number

You can view the request sent and the corresponding response received for each row in Queue Action Log.

Also you can view the request sent to and the response received from external systems for the following:

- Sanction screening
- External credit approval
- External price fetch
- Accounting system

### 3.1.1.7 Accounting Entries

You can click the “Accounting Entries” link in the transaction input screen to invoke the screen.

Accounting Entries

Enter Query

Transaction Reference Number

Accounting Entries

Event Code	Transaction Date	Value Date	Account	Account Branch	TRN Code	Dr/Cr	Amount Tag	Account Currency	Transaction Amount
------------	------------------	------------	---------	----------------	----------	-------	------------	------------------	--------------------

Accounting Details

Exit

The system displays the following details in a grid form that contains accounting entries in multiple rows for the Transfer amount, taxes and charges:

#### Transaction 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.

**3.1.1.8 All Messages Tab**

System displays the message and its details for the successfully processed transactions. 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 for the Transaction Reference Number specified:

- Transaction Ref No
- Message Reference No
- Message Type
- Message Status
- Value Date
- Release Date

- Direction
- ACK/NAK Type
- Reject/Response Code

### **3.1.1.9 Saving of Outbound Transaction**

The system performs the following mandatory field checks and the referential checks during the save of NEFT Outbound payment transaction. If any of the below validation fails, then the transaction is rejected with an error code.

Following fields are mandatory for requesting NEFT Outbound payments:

- Transaction Branch
- Source Code
- Network code
- Source Reference (for requests received through other channels, Source reference is updated automatically)
- Debtor Account Number
- IFSC Code
- Beneficiary Account Number (creditor account)
- Beneficiary Account Type
- Transfer Currency
- Transfer Amount
- Debit / Credit Value Date

Following are the validations on clicking the 'Save' button:

- On the requests initiated from channels, Source reference number is expected as mandatory
- System validates whether account record is open and authorized.
- Holiday check for instruction date is done, based on the local branch holidays maintained.
- Upon saving the transaction, system throws error messages for validation failures, if any. For the error messages displayed, respective action can be taken and can be re-submitted.

### **3.1.1.10 NEFT Outbound Transaction Summary**

You can view the NEFT outbound transactions booked in the transaction summary screen.

You can invoke the 'NEFT Outbound Transaction Input Detailed Summary' screen by typing 'PTSOTONL' 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:

- Source Code
- Network Code
- Transaction ID
- Transaction Branch
- Transaction Reference
- Related Reference
- Source Reference
- Booking Date
- Instruction Date
- Activation Date
- Transaction Amount
- Debtor Account Number
- Debtor Account Type
- Beneficiary IFSC Code
- Beneficiary Account Number
- Beneficiary Account Type
- Transaction Status
- Queue Code
- Customer No
- Authorization Status
- UTR Number
- Indo Nepal Remittance
- Prefunded Payments

Once you have specified the search parameters, click 'Search' button. The system displays the records that match the search criteria.

Double click a record or click 'Details' button to view the detailed maintenance screen.

### 3.1.2 NEFT Outbound Transaction View

You can view the NEFT Outbound transactions in this screen.

You can invoke 'NEFT Outgoing Payment Transaction View' screen by typing 'PTDOVIEW' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.

- From this screen, click Enter Query. The Transaction Reference field gets enabled which opens an LOV screen.
- Click the Fetch button and select the required transaction.
- Along with the transaction details, you can also view the Status details for the following:
  - External System Status
  - Transaction Status (Is updated as 'Settled' on receiving camt.059.001.06 acknowledgement message)
  - Pending Queue Details
  - Sanction Seizure
  - Dispatch Details
  - Credit Confirmation Details



- Click Execute Query to populate the details of the transaction in the Outbound NEFT Transaction View screen. The system displays all the fields in the below mentioned tabs based on the transaction reference number selected.

For more details on Main, Additional Details and Pricing tabs refer to 'PTDOTONL' screen details above.

### 3.1.2.1 Exceptions Tab

Click on the 'Exceptions' tab to invoke this screen. All the details pertaining to Return Details, Network Reject Details and External System Status id are displayed here for the entered Transaction Reference Number.

The screenshot shows the 'Exceptions' tab selected in the PTDOVIEW screen. The interface is divided into two main sections: 'Return Details' and 'Network Reject / Reschedule Details'. The 'Return Details' section contains input fields for 'Return Reference', 'Return Date' (formatted as dd-MMM-yyyy), 'Return Reason Code', 'Return Reason', and 'Returned Amount', along with a 'View Details' button. The 'Network Reject / Reschedule Details' section contains input fields for 'Reject/Reschedule Reference', 'Reject/Reschedule Date' (formatted as dd-MMM-yyyy), 'Reject/Reschedule Code', and 'Network Code'. At the bottom of the screen, there is a navigation bar with tabs: 'UDF', 'MIS', 'View Queue Action', 'Accounting Entries', 'All Messages', and 'View Repair Log'. Below this bar, there are fields for 'Maker ID', 'Checker ID', 'Authorization Status', 'Maker Date Stamp', and 'Checker Date Stamp', with an 'Exit' button.

### 3.1.2.2 UDF Tab

You can invoke this screen by clicking UDF tab in the PTDOVIEW screen.

The screenshot shows the 'UDF' tab selected in the PTDOVIEW screen. The interface displays a table with two columns: 'Field Label' and 'Field Value'. The table is currently empty. At the bottom right of the screen, there are 'Ok' and 'Exit' buttons.

### 3.1.2.3 MIS Tab

You can invoke this screen by clicking MIS tab in the PTDOVIEW screen.

MIS Details

Transaction Reference Number \* MIS Group Default

Transaction MIS Composite MIS

Ok Exit

### 3.1.2.4 View Queue Action Log

You can view all the queue actions for the respective transaction initiated. You can invoke this screen by clicking the 'View Queue Action' button in View screen, where the Transaction Reference Number is auto populated and related details are displayed.

View Queue Action Log

Enter Query

Transaction Reference Number Network Code

1 Of 1 Go

Transaction Reference Number	Action	Remarks	Queue Code	Authorization Status	Maker Id	Maker Date Stamp

View Request Message View Response Message

Exit

Following details are displayed:

- Transaction Reference Number
- Network Code
- Action
- Remarks
- Queue Code
- Authorization Status

- Maker ID
- Maker Date Stamp
- Checker ID
- Checker Date Stamp
- Queue Status
- Queue Reference No
- Primary External Status
- Secondary External Status
- External Reference Number

You can view the request sent and the corresponding response received for each row in Queue Action Log.

Also you can view the request sent to and the response received from external systems for the following:

- Sanction screening
- External credit approval
- External price fetch
- Accounting system

### 3.1.2.5 **Accounting Entries**

You can click the “Accounting Entries” link in the transaction input screen to invoke the screen.

Accounting Entries

Enter Query

Transaction Reference Number

Accounting Entries

1 Of 1

Event Code	Transaction Date	Value Date	Account	Account Branch	TRN Code	Dr/Cr	Amount Tag	Account Currency	Transaction Amount
------------	------------------	------------	---------	----------------	----------	-------	------------	------------------	--------------------

Accounting Details

Exit

The system displays the following details in a grid form that contains accounting entries in multiple rows for the Transfer amount, taxes and charges:

#### **Transaction 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.

### 3.1.2.6 All Messages Tab

System displays the Outgoing pacs.008.001.09 message and its details for the successfully processed transactions. Click the “All Messages” link in the View screen to invoke this sub-screen.

Transaction Reference Number

1 Of 1 Go

Transaction Ref No	Message Reference No	Message Type	Message Status	Value Date	Release Date	Direction	ACK/NAK Type	Rejec
--------------------	----------------------	--------------	----------------	------------	--------------	-----------	--------------	-------

Message

Exit

The system displays the following details in a grid form containing one or multiple rows for the Transaction Reference Number specified:

- Transaction Ref No
- Message Reference No
- Message Type
- Message Status
- Value Date
- Release Date
- Direction
- ACK/NAK Type
- Reject/Response Code

---

#### Note

The system generates Message type 'DEBIT\_ADVICE' along with 'Outgoing pacs.008.001.09'. This generation happens based on the 'Customer Advice Preference' (PMDCSADV) screen maintained per account & network combination.

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### 3.1.2.7 View Repair Log

You can view all the Repair actions for the respective transaction initiated. You can invoke this screen by clicking the 'View Repair Log' button in View-screen, where the Transaction Reference Number is auto populated and related details are displayed.

View Repair Log

Enter Query

Transaction Reference Number

Queue Reference No	Field Name	Old Value	Repaired Data	Error
--------------------	------------	-----------	---------------	-------

Exit

You can View Repair Log details in this sub-screen. Following details are displayed:

- Queue Reference No
- Field Name
- Old Value
- Repaired Data
- Error

### 3.1.2.8 NEFT Outbound Transaction View Summary

You can view the summary in 'NEFT Outbound Transaction View Summary' screen. You can invoke the NEFT Outbound Transaction Summary screen by typing 'PTSOVIEW' in the field at the top right corner of the Application toolbar and clicking on the adjoining arrow button.

View Summary

Search Advanced Search Reset Clear All

Case Sensitive

Transaction Reference UTR Number Message ID Booking Date Transaction Status Queue Code Indo Nepal Remittance Network Code Transaction Branch Source Reference Transaction ID Instruction Date Debtor Account Number Beneficiary Account Number Customer No Pretended Payments Source Code File Reference Number Related Reference Activation Date Transaction Amount IFSC Code Dispatch Reference Number

Transaction Reference	Transaction Branch	Source Code	UTR Number	Source Reference	File Reference Number	Message ID	Transaction ID	Related Reference	Booking Date	Instruction Date	Activation Date	Transaction Amount
-----------------------	--------------------	-------------	------------	------------------	-----------------------	------------	----------------	-------------------	--------------	------------------	-----------------	--------------------

Exit

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

- Source Code
- Network Code
- Transaction Branch
- Transaction Reference
- UTR Number
- Related Reference
- Source Reference
- File Reference Number
- Message ID
- Transaction ID
- Booking Date
- Instruction Date
- Activation Date
- Transaction Status
- Debtor Account Number
- Transaction Amount
- IFSC Code
- Beneficiary Account Number
- Queue Code
- Dispatch Reference Number
- Prefunded Payments
- Customer No
- Prefunded Payments
- Indo Nepal Remittance

Once you have specified the search parameters, click 'Search' button. The system displays the records that match the search criteria.

Double click a record or click 'Details' button to view the detailed maintenance screen.

### **3.1.3 NEFT Outbound Transaction Booking via Upload**

#### **3.1.3.1 Single Payment Service**

Oracle Banking Payments allows you to book the Outbound NEFT payments via Single Payout Service (SOAP/ ReST) and also via the Customer to Bank (C2B) pain.001 bulk file upload.

#### **3.1.3.2 C2B File upload**

Oracle Banking Payments allows to you to process the Outbound NEFT payment requests received in bulk payment files in pain.001 format from Corporate customers to banks(C2B). After validating the bulk file, the Outbound NEFT transactions are created and processed individually. All the transactions created based on the bulk file received are auto authorized.

NEFT transaction Network code is derived using Network Resolution Rule (PMDNWRLE) maintained for the Channel Type 'C2B'.

## 3.2 **NEFT Outbound Payments Processing**

Every NEFT outgoing payment transaction is generated as "pacs.008.001.09" outgoing NEFT payment message.

### 3.2.1 **NEFT Outbound Payment Validations**

Following processing changes/ initial validations are done as part of the transaction saving:

- Beneficiary ID Validations
- Mandatory Fields / Referential data checks
- Account Type Validations
- NRE Account Validations
- Processing Cutoff Check
- Intra Bank Transfer Check

For current dated transactions, following processing changes are covered during transaction authorization:

- Network Validations and Special Character Replacement
- Computation of Charge & Tax
- Exception Queue
- Authorization Limits Check
- Transaction cutoff time validation
- Sanction check
- FX Limit Check
- ECA check
- Network Cutoff time check
- Transaction Accounting
- Dispatch Accounting
- Future Value Dated Transaction
- Branch Holiday Parameter

#### 3.2.1.1 **Beneficiary ID Validation**

- System validates the Beneficiary ID provided and populates the respective beneficiary details.
- Beneficiary Address Details maintained on Beneficiary Registration Detailed (PMDBENRN) screen.
- When you select valid Beneficiary ID while initiating Outbound payment, the Beneficiary Address Details are auto-populated to the 'Creditor Additional Details' section on the 'Additional Details' tab of the NEFT Outgoing Transaction Input Detailed (PTDOTONL) screen.
- The address details fields are still enabled for any edition even after the system defaults the address details.
- The 'Creditor Additional Details' fields remain enabled for edition if the beneficiary ID is not selected.
- Beneficiary Address Details are auto-populated to NEFT Outbound Transaction View (PTDOVIEW) screens when the 'SSI\_LABEL' tag in SPS Service contains valid Beneficiary ID maintained in the system.



### 3.2.1.2 **Mandatory Fields/ Referential Data Checks**

- Validation of the IFSC Code is done as per the maintenance done in the Local Payment Bank Directory (STDBKMNT) and all the valid IFSC codes are maintained in this screen. Transaction is rejected in case of validation failure.
- Debtor Account Branch IFSC check
  - This is derived based on the Branch and bank code mapped to the IFSC code in the STDBKMNT screen if maintained. This is also populated in the Outgoing pacs.008.001.09 message in the field:5756 (Sending branch's IFSC)
  - If the Debtor account branch IFSC (Field:5756) is not derived, then the transaction is moved to Process Exception (PE) queue.
- System validates the Debtor Account Type for outbound transactions. If the debtor account type is NRE/NRO, then the field (:6305 - Sender's Account type) is updated with 40 or 10 respectively.
  - If the Debtor account type is NRE(40) or NRO, then the Sender to Receiver Information field in the Additional Details tab in PTDOTONL screen is, automatically populated with a static text.
  - This static message is displayed in the Outgoing pacs.008.001.09 message in the field: 7495.
- System validates the Transfer Amount, if it is within the Min/Max Transaction limit and Per day limit as maintained in the Payment Common Preferences screen (PMDNFTPF). If the transaction does not match the criteria, it is rejected.

### 3.2.1.3 **Account Type Validation**

- The system checks the Account Type Value present in the incoming channel requests for Debtor Account Type and Beneficiary Account Type.
- If you select any value other than the LOV available for Debtor Account Type and Beneficiary Account Type, the system rejects the transaction. The error message applicable is PM-MSG-005 'Debtor Account Type is invalid' or PT-TXP-017 'Beneficiary Account Type is invalid.'
- The Beneficiary Account Type field is optional. The system checks the Account Type restrictions validations for Beneficiary Account Type, only when Beneficiary Account Type value is present.

### 3.2.1.4 **LEI Validation**

#### **Debtor LEI**

- The LEI validation is done, if the transaction amount is more than the LEI Threshold Amount maintained in India Payments Common Preferences (PMDNFTPF).
- The field 'Debtor LEI' is populated when the below conditions satisfy, and LEI validation is applicable:
  - Debtor is a 'Non-Individual'.i.e. Customer Type of the Debit account customer is not 'Individual'.
  - LEI is maintained for the Debtor in the India Payments Customer Preferences (PMDEXLEI) and the Value Date of the transaction is equal to (or) less than the LEI expiry date.
- An error is raised when all below-listed conditions satisfy, and LEI validation is applicable:
  - Debtor is a 'Non-Individual' .i.e. Customer Type of the Debit account customer is not 'Individual'.

- LEI is not maintained for the Debtor in the India Payments Customer Preferences (PMDEXLEI) or LEI is maintained but the Value Date of the transaction is more than the LEI expiry date.

### **Beneficiary LEI**

- The Beneficiary LEI field is optional. If the user inputs a value, then the system checks the length of the value. If the length is not 20 characters, the system displays the error.

### **LEI Validation Failure**

- In case of LEI validation failure:
  - For manually booked transactions, the error message is shown on enrich user action.
  - For uploaded transactions, the transaction is rejected outright.

### **3.2.1.5 NRE Account Validation**

When you click the 'Enrich/Save' button, the system checks for the following NRE account type validations:

- If you select Beneficiary Account Type 'NRE' (40), then you must select Debtor Account Type also 'NRE' (40). Else system rejects the transaction with an error message PT-TXP-018 'If Beneficiary Account Type is NRE, then Debtor Account Type must be NRE.'
- If you select Debtor Account Type 'NRE' (40), then you can select Beneficiary Account Type as any account from drop-down lists, such as Savings Bank (10), Current Account (11), Cash Credit (13), Loan Account (14), Overdraft (12), NRE (40), and Credit Card (52).

### **3.2.1.6 Processing Cutoff Check**

If Transaction Processing Time is greater than Processing cutoff time, then NEFT outbound transaction moves to Processing Cutoff Queue (PQSPRCUQ). All actions such as Release, Carry Forward, Cancel, Authorize, Delete are allowed.

### **3.2.1.7 Intra Bank Transfer Check**

For Intra Bank Transfer Check the system checks the following:

- System checks if the beneficiary bank IFSC code is of the same bank branch. A 'Branch' record is present in the screen Branch IFSC Code Mapping 'PMDIFSBR' for the given IFSC Code.
- If a record is found in screen Branch IFSC Code Mapping 'PMDIFSBR' for the given IFSC Code, then the system checks the following:
  - If the Intra Bank Transfer flag is 'N' the system gives an error message PT-TXP-023 'Intra Bank Transfer is not allowed'.
  - If the 'Intra Bank Transfer' flag is 'Y' the system allows to process as 'Outbound NEFT payment and generate Outgoing pacs.008.001.09 message for dispatch to Network even if beneficiary bank IFSC code is of the same bank branch.

### **3.2.1.8 Network Validations and Special Character Replacement**

- IBAN check is not applicable for NEFT Outbound payments.
- Debtor Details, Beneficiary Details, Beneficiary Bank details, Additional Debtor/Creditor Details, Sender to Receiver Information entered for a payment transaction is validated against the valid characters allowed for the network.
- In case of Network character validation failure, transaction is moved to repair queue with error details.

- Permitted character set for NEFT Transfers are as below:
  - Alphabetical characters - A to Z (upper case), a to z (lower case)
  - Numeric characters - 0 to 9
  - Special characters - /-?:()., '+ space or lf
  - Special characters entered in a payment transaction are validated and replaced with specific characters as defined in Special Characters maintenance

### 3.2.1.9 **Computation of Charge and Tax**

Charge and tax for NEFT Payment transactions are calculated based on the Pricing Code specified in the India Payments Common Preferences screen (PMDNFTPF). Charges and tax are applied to the NEFT transactions based on the pricing code linked.

For current dated transactions, following processing changes are covered during transaction authorization.

### 3.2.1.10 **Exception Queue**

Exception Queue checks are applicable as per the functionality. For more details on these queues, refer to Exception Queues user manual.

### 3.2.1.11 **Authorization Limit Check**

Two levels of Authorization limit check is done before the process cut over check.

### 3.2.1.12 **Transaction Cutoff Time Validations**

Transaction cut off time validation is based on the Transaction Cut-off Time Maintenance (PMDCTOFF) screen. Transaction cutoff time check is done only for transaction with payment activation date is current date.

Transaction Cut-off time for the payment network and Transaction Type 'Outbound' is fetched from the maintenance for the following combination:

- Source - Specific/ALL
- Service Model - Specific/ALL
- Customer - Specific/ALL

Cut off time is derived as follows:

Sl.No	Network	Transaction Type	Source	CSM	Customer
1	Network ID	Outbound	Specific	Specific	Specific
2	Network ID	Outbound	ALL	Specific	Specific
3	Network ID	Outbound	Specific	Specific	ALL
4	Network ID	Outbound	ALL	Specific	ALL
5	Network ID	Outbound	Specific	ALL	ALL
6	Network ID	Outbound	ALL	ALL	ALL

If payment processing time is lesser than or equal to the Cut-off date time derived, then the payment is considered as 'Pre Cut-off' payment and proceeds with further processing.

If payment save date time or payment receipt date time exceeds the Cut-off date time derived then the payment is considered as 'Post Cut-off' payment and post cut off status is updated for the transaction.

The failed transactions are further moved to Process cutoff queue and the transactions can be processed further from this queue. For more details on queue, refer to Exception Queue user manual.

### **3.2.1.13 Sanction Check**

If sanction screening is required for the Network and the customer, request is sent to External Sanction System.

If the sanction check status of the transaction is 'Approved', then further processing continues. If the contract's sanction check response status is 'Override' or 'Rejected' or 'Timed Out', then transaction is logged in 'Sanction Check Exception Queue' and the processing of the transaction is stopped at this stage.

### **3.2.1.14 FX Limit Check**

FX Limit Check and Currency conversion is not applicable for NEFT.

### **3.2.1.15 External Credit Approval Check**

Debit accounting entries pertaining to payment amount and charge/tax amounts are sent to external DDA system for credit approval.

External Credit Approval is done for all the external accounts for which 'External Credit Approval Required' flag is enabled. ECA system for the credit check is derived based on the External Account maintenance.

If the ECA response status for a payment transaction is 'Approved', then further processing continues. If ECA validation fails i.e. the status is 'Override', 'Rejected', or 'Timed out', then the transaction is logged in ECA Exception queue.

### **3.2.1.16 Network Cutoff Time Check**

The system checks the network cutoff time based on the cut off time maintained in Network Maintenance Detailed (PMDNWMNT) for the network. The system considers the application server time for cutoff time check. The system automatically roll-over the transactions that are not processed within the Network cutoff time and again calculates the Activation Date considering network holidays. These transactions do not move to Network cutoff Queue.

The unprocessed transactions in the queue are further moved to Warehouse queue. These transactions are processed as future value transactions from Warehouse queue and goes through all the transaction processing.

### **3.2.1.17 Transaction Accounting**

Debit liquidation accounting entries have both payment entries and charge/tax entries. Accounting details are handed off to accounting system with debit/credit liquidation accounting code linked at Network Currency preferences. Following are the entries posted for the transactions booked:

Dr./ Cr.	Account	Value Date	TXN_CCY
Dr.	Customer Account	Debit Value Date	Account Currency

Cr.	Intermediary GL	Debit Value Date	Transfer ccy
Dr.	Intermediary GL	Credit Value Date	Transfer ccy
Cr.	Clearing GL	Credit Value Date	Transfer ccy

Accounting handoff is done after Network cutover check.

- Additionally, charge/tax related entries are handed off along with debit liquidation details as per existing process.

Messages are sent only after accounting is successfully completed. Until then, transactions remain in the Accounting Queue with Pending or Exception status. The transaction status changes to Processed upon successful accounting completion.

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#### Note

On payment reject, the reversal entries are posted. However, charges are not reversed as per existing process.

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### 3.2.1.18 Dispatch Accounting

Dispatch accounting is applicable for NEFT outbound payments. System triggers the DCLG event on the dispatch of Outgoing pacs.008.001.09 bundle (as defined in No.of transactions per Dispatch). For all the transactions in the bundle, a single entry is posted with the sum of total amount and the no of transactions.

Accounting handoff is done as the DCLG event is triggered.

Dr./ Cr.	Account	Value Date	TXN_CCY
Dr.	Clearing GL	Debit Value Date	Account Currency
Cr.	Network/Nostro Account	Credit Value Date	Transfer ccy

### 3.2.1.19 Future Valued Transaction Processing

Future dated NEFT transactions are processed by separate jobs and run on receipt of the Start of Day (SOD, camt.052) Message.

The system identifies the transactions from the Warehouse queue. The transaction job picks up the future dated transactions with the Activation date equal to the current date and also it is equal to the SOD date of the latest camt.052 message received.

Processing of transactions is completed till sanction check on booking date itself. Transaction processing starts from initial validations again, on the activation date.

- NEFT Outbound payment rules allow the customers to send the payment requests with future value date. Such requests are processed by the system till sanction check on booking date and is marked as future valued.

- On value date future dated transaction job processes the payments starting from the initial validations. Future dated transactions are processed by separate jobs.

### **3.2.1.20 Branch Holiday Parameter**

In addition to Currency and Network Holidays, Branch holidays is considered in determining the Value date and Activation date for, NEFT, payments.

Processing Branch holidays is considered in the Dates resolution only if a particular parameter in India Payment Common Preferences for the 'Outbound' or 'Inbound' transaction type is checked.

### **3.2.2 Outgoing pacs.008.001.09 Message Generation and Dispatch**

- NEFT outbound transactions generates a 'Outgoing pacs.008.001.09' outbound payment message.
- As per the no. of transactions per dispatch maintained in Payments Common Preferences screen (PMDNFTPF), system bundles the no. of transactions and dispatches Outgoing pacs.008.001.09 message, once the defined number of transactions are met.
- On the time interval specified in the Dispatch maintenance, even if the no. of transactions are not met, residual messages are dispatched as bundle.
- The Outgoing pacs.008.001.09 messages in the bundle are dispatched /handed off to SFMS network for further processing.
- Upon successful processing of Outgoing pacs.008.001.09, dispatch accounting is generated and is handed off.

### **3.2.3 Notification**

Notification is generated on upload and processing of N10 / camt.059.001.06 .

### **3.2.4 Indo Nepal Remittance Processing**

The system does the following validations/processings once the user selects the 'Indo Nepal Remittance' check box:

- The system fetches the Beneficiary Bank IFSC and Beneficiary Account Number from the India Payments Common Preferences Screen (PMDNFTPF) and auto-populates the values on the input screen.
- The system disables the 'Sender to Receiver Information' fields and enables the 'Indo Nepal Information' fields under the 'Additional Details' tab.
- The system validates the transfer amount to check the maximum per transaction limit. In case this validation fails:
  - For manually inputted transactions, screens display an appropriate error message.
  - For uploaded transactions, the system rejects the transaction.
- The Indo Nepal Information six lines fields defined for Indo Nepal Remittance are mandatory and cannot be blank.
- When you click the Save button, the system validates Indo Nepal Information six lines fields, In case these fields are blank:
  - For manually inputted transactions, screens display an appropriate error message.
  - For uploaded transactions, the system rejects the transaction.
- The system validates and allows only numeric values in the Commission field. For any other value, the screen displays an appropriate error message.

### **3.2.5 Prefunded Payments Processing**

- Customer number/debtor account number is not mandatory.
- If Debtor Account currency is not provided in the outbound request, then it gets defaulted to Transfer Currency (INR) in transaction.
- If the 'Prefunded Payments GL' check box is selected, the system skips the below processing:
  - ECA check
  - Pricing
  - FX Limit Check
- The 'Prefunded Payments GL' is always used as Debit account while posting the debit liquidation entries. The 'Prefunded Payments GL' value maintained in the Source Maintenance (PMDSORCE).

#### **LEI Validation Failure**

- In case of LEI validation failure:
  - For manually booked transactions, the error message is shown on enrich user action.
  - For uploaded transactions, the transaction is rejected outright.

#### **Sender To Receiver Information**

##### **Debtor LEI**

- The LEI validation is done, if transaction amount is more than the LEI Threshold Amount maintained in India Payments Common Preferences (PMDNFTPF)

##### **Beneficiary LEI**

- The Beneficiary LEI field is optional. If the user inputs a value, then the system checks the length of the value. If the length is not 20 characters, the system displays the error.

##### **Sender To Receiver Information 3-6**

- At the NEFT payment type product processor level, system performs the below field length validation for the fields Sender To Receiver Information 3-6. If the below condition is matched, then that particular transaction is moved to Repair queue for user action.
  - Condition: (The Entered Characters :xxx) Is exceeding the Maximum length Allowed 35.

## **3.3 NEFT Message Browser**

### **3.3.1 NEFT Outbound Dispatch Browser**

You can view the following outbound NEFT messages generated in this screen:

- N06 - Outbound Payment Transfer
- N07 - Return of Inbound Transfer

- N10 - Credit Confirmation for Inbound Transfer
- pacs.008.001.09 - Outbound Payment Transfer
- pacs.004.001.10 - Return of Inbound Transfer
- camt.059.001.06 - Credit Confirmation for Inbound Transfer

You can invoke 'NEFT Outbound Dispatch Browser' screen by typing 'PTSOUTBR' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.

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

- Dispatch Reference Number
- Message ID
- Dispatch Date
- Dispatch Status
- Message Type
- Linked Message Id
- Batch Number

Following sub screens/ actions are available in the message browser screen:

### View Message

Select a record and click on 'View Message' button to view the dispatched message.

### View Accounting

Select a record and click on 'View Accounting' to view the Dispatch accounting details for the Outgoing pacs.008.001.09 and pacs.004.001.10 message generated.

System displays the DCLG event and its respective accounting entries passed during the Outgoing pacs.008.001.09 and pacs.004.001.10 dispatch. Single entry is posted for the bundle dispatched, with total sum of amounts. Entries posted are - Dr. Clearing GL and Cr. Network/ Nostro account.

In case of auto reversals (for SFMS NAKs such as F25 and F26) of the Outgoing pacs.008.001.09 dispatched, system displays the reversal accounting entries of DCLG.



---

**Note**

Dispatch accounting is not applicable for camt.059.001.06 messages.

---

**View Transaction**

Select a record and click on 'View Transaction' to view the complete transaction details. View Summary screen is launched on clicking 'View Transaction'.

You can double click the record or select a record and click on 'Details' button to view the detailed transaction screen. System launches the NEFT Outbound View Detailed screen (PTDOVIEW).

**View ACK/NAK Message**

You can view the F20, F25, F26, F27 ACK/NAK messages received and matched for the corresponding Outgoing pacs.008.001.09 dispatch.

**Process NAK**

Process NAK option helps to validate the negative acknowledgement and perform appropriate action like reverse or regenerate the transaction.

You can click the 'Process NAK' option to launch Negative Acknowledgement Processing Details screen.

**Retry Dispatch**

On clicking Retry Dispatch button, NEFT Dispatch Retry sub screen is displayed.

On Retry action, error records are re-processed.

### 3.3.2 Negative Acknowledgement Processing Details

You can view and process the underlying payment for F25/F26/F27 NAK received from RBI.

You can invoke 'Negative Acknowledgement Processing Details' screen by typing 'PTDNAKPR' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.

Transaction Reference No	UTR Reference Number	Value Date	Transaction currency	Transaction Amount	Debit Account	Credit Account	Beneficiary Bank	Transaction Status
--------------------------	----------------------	------------	----------------------	--------------------	---------------	----------------	------------------	--------------------

Following fields are auto populated:

- Business Message Identifier

- Bank Application Identifier
- Originating Branch IFSC
- Error Code
- Received Date
- NAK Type

You can perform following actions:

- Regenerate Messages
- Reject Messages
- Authorize
- Delete
- View Queue Action

## 3.4 **NEFT Acknowledgment Processing**

### 3.4.1 **SFMS ACK/NAK Messages Processing**

System supports the processing of following messages:

Message Name	Message Description
F23	This is a Delivery Notification message.
F20	This is an acknowledgment message from SFMS.
F25	This is a Negative acknowledgment message from SFMS. User can take manual action on outgoing payment transaction.
F26	This is a Negative acknowledgment message from SFMS user. User can take manual action on outgoing payment transaction.
F27	This is an acknowledgment message from Bank API (IDRBT/RBI). . If this message is Negative Acknowledgment then user can take manual action on outgoing payment transaction.
F29	This is Delivered At NEFT. This is ISO migration to notify about the delivery of message. This message supports in both format - ISO and IFN.

#### **Processing Steps:**

##### **ACK Processing:**

On receipt of incoming F20/F27 ACK messages from SFMS, system parses the message and process. The parent transaction is fetched based on following matching fields: (Note: F20/F27 ACK is received for the Outgoing pacs.008.001.09 messages sent in a bundle of 10)

- Matching:

- External Application Sequence number mentioned in the F20/F27 message is matched against the sequence number sent in the original outgoing payment transaction/message (Outgoing pacs.008.001.09) in Business Application Header header and the IFSC Code of the Originating branch (Our IFSC Code).
- Message Status Update: If matched,
  - For F20 (Message Identifier in the format) received, original outgoing payment gets updated
  - I.e, All the '10' transactions sent in the Outgoing pacs.008.001.09 bundle having the same sequence number is updated
- For F27 (Message Identifier in the format) received,
  - System checks the 'Bank API Response Code' field
  - I.e, All the '10' transactions sent in the Outgoing pacs.008.001.09 bundle having the same sequence number is updated.

---

### Note

Notification is generated on receiving & processing ACK of NEFT outbound transactions as F27 message /admi.004.001.02 message with code as F27.

---

### NAK Processing:

On receipt of incoming F25/F26/F27 NAK messages from SFMS, system parses the message and process. The parent transaction is fetched based on following matching fields: (Note: F25/F26/F27 ACK is received for the Outgoing pacs.008.001.09 messages sent in a bundle of 10)

- Matching:
  - External Application Sequence number mentioned in the F25/F26/F27 message is matched against the sequence number sent in the original outgoing payment transaction/message (Outgoing pacs.008.001.09) in Business Application Header header and the IFSC Code of the Originating branch (Our IFSC Code).

### Manual action and Message Status Update: If matched.

- System waits for user action to be taken from the new screen – Negative Acknowledgement Message Details. Screen PTSFNAKQ will no longer be used and removed from the system.
- Below steps are performed form new screen - Negative Acknowledgement Message Details.
  - User will select the Outgoing pacs.008.001.09 single record from PTSOUTBR and click 'Process NAK' option. In case, multiple records are selected and 'Process NAK' option is clicked then system throws an error.
  - System opens the Negative Acknowledgement message details screen.
  - Transaction Details section of the screen lists out the transactions bundled in the original Outgoing pacs.008.001.09 message. By default, all the messages are selected. So, the manual action is applicable for all the underlying transactions in the Outgoing pacs.008.001.09 bundled message.

### Reversal Dispatch Entries

Dispatch Reversal Accounting for NEFT Outbound	Event	Dr/ Cr	Account	Account Type	Amount Tag
NEFT Outbound	DCLG	Dr	Nostro Account	Account	FILE_AMT
NEFT Outbound	DCLG	CR	Network Clearing GL	GL	FILE_AMT

### Reversal Individual Entries

Dispatch Reversal Accounting for NEFT Outbound	Event	Dr/ Cr	Account	Account Type	Amount Tag
NEFT Outbound	DRLQ	Dr	Network Clearing GL	GL	XFER_AMT
NEFT Outbound	DRLQ	CR	Intermediary GL	GL	XFER_AMT
NEFT Outbound	DRLQ	Dr	Intermediary GL	GL	XFER_AMT
NEFT Outbound	DRLQ	Cr	Customer Account	Account	XFER_AMT

### 3.4.2 Credit Confirmation ACK Message - camt.059.001.06 Processing

The beneficiary (Creditor) bank sends a positive acknowledgement message (camt.059.001.06) to the Remitter (debtor) bank, upon the successful credit to the beneficiary for the outbound payment. The Inbound camt.059.001.06 credit acknowledgement received, has the bundle of outbound transactions grouped in a single message.

Following details are updated, upon receiving the successful camt.059.001.06 credit acknowledgement message:

- 'Transaction Status' field in the NEFT Outbound Payments view screen (PTDOVIEW) is updated as 'Settled'.
- System updates the value 'Credit Confirmation Details' for the respective outbound transactions with - camt.059.001.06 Message Reference, Credited Date and Credited Time.
- Success notification for the acknowledgement received for outbound transactions can be viewed in the Notify Message Details screen (PMSNOTFY).
- And the camt.059.001.06 generated and the message details can be verified in the NEFT Inbound Message Browser (PTSINBRW).

## 4. NEFT Inbound Payments

### 4.1 NEFT Inbound Transaction Input

The inbound NEFT payments, are received as Incoming pacs.008.001.09 messages from RBI clearing. In a single inbound payment message (Incoming pacs.008.001.09), group of transactions are bundled together (bundle of 10) and settled in the defined batch time.

This chapter contains the following sections:

- [Section 4.1.1, "NEFT Inbound Payments Transaction Input"](#)
- [Section 4.1.2, "NEFT Inbound Payment View"](#)

#### 4.1.1 NEFT Inbound Payments Transaction Input

You can manually create a NEFT Inbound Payment by providing the details in the Input screen.

You can invoke the “NEFT Inbound Payments Transaction Input Detailed” screen by typing ‘PTDITONL’ in the field at the top right corner of the application tool bar and clicking on the adjoining arrow button.

NEFT Incoming Payment Transaction Input Detailed

New Enter Query

Transaction Branch \*  
Host Code \*  
Source Code \*  
Network Code \*

Transaction Reference \*  
Transaction ID  
Message ID  
Related Reference  
Source Reference  
Batch Number  
Credit to GL  
VI Identifier

Main Additional Details Pricing

Creditor Details

Beneficiary Account Number  
Beneficiary Account Type  
Beneficiary Name  
Beneficiary LEI  
Credit Account Number  
Credit Account Currency  
Credit Account Branch  
Beneficiary Mobile Number  
Beneficiary Email Id  
Transaction Currency INR  
Transaction Amount  
Enrich  
Validate Account

Debtor Details

Debtor Account Number  
Debtor Account Type  
Debtor Name  
Debtor LEI  
IFSC Code  
Booking Date YYYY-MM-DD  
Instruction Date YYYY-MM-DD  
Activation Date YYYY-MM-DD

UDF MIS

Maker Id  
Maker Date Stamp  
Checker ID  
Checker Date Stamp  
Authorization Status  
Exit

Following are the actions allowed from this screen:

- New
- Save
- Unlock
- Authorize
- Delete

- Enter Query

Specify the Following details in the fields:

**Transaction Branch**

System defaults the transaction branch code with the user's logged in branch code.

**Host code**

System defaults the host code of transaction branch.

**Source Code**

Specify the Source Code, via which the transaction is to be booked.

**Network Code**

System defaults the Network code as 'NEFT' on clicking 'New'.

**Transaction Reference**

System generates the Transaction Reference number. For more information on the format, refer the Payments Core User Manual.

**Transaction ID**

System generates the Transaction ID.

**Message ID**

System generates the Message ID.

**Related Reference**

System displays transaction reference number. However you can modify this.

**Source Reference**

Specify the Source Reference Number, if required.

**Batch Number**

Specify the Batch Number.

**Credit to GL**

Check this flag to enable credit to GL account.

**VI Identifier**

During account validation of inbound payments, if a flag is checked and the credit account is found to be invalid, our system sends an EAC check to the OBVAM system to verify if the Virtual Identifier is valid.

### 4.1.1.1 Main Tab

You can view Debtor/Creditor/Payment details in this screen. Click on the 'Main' tab to invoke this screen.

The screenshot displays a web application interface with a top navigation bar containing 'Main', 'Additional Details', and 'Pricing'. The 'Main' tab is active. The main content area is divided into two columns: 'Creditor Details' on the left and 'Debtor Details' on the right. The 'Creditor Details' section includes fields for Beneficiary Account Number, Beneficiary Account Type (a dropdown menu), Beneficiary Name, Beneficiary LEI, Credit Account Number, Credit Account Currency, Credit Account Branch, Beneficiary Mobile Number, Beneficiary Email Id, Transaction Currency (set to 'INR'), and Transaction Amount. Below these fields are 'Enrich' and 'Validate Account' buttons. The 'Debtor Details' section includes fields for Debtor Account Number, Debtor Account Type (a dropdown menu), Debtor Name, Debtor LEI, IFSC Code, Booking Date (YYYY-MM-DD), Instruction Date (YYYY-MM-DD), and Activation Date (YYYY-MM-DD). At the bottom of the screen, there is a status bar with 'UDF | MIS' on the left, and 'Maker Id', 'Maker Date Stamp', 'Checker ID', 'Checker Date Stamp', and 'Authorization Status' in the center. An 'Exit' button is located on the far right of the status bar.

You can specify the following fields:

#### **Creditor Details**

All open and authorized accounts maintained in External Account maintenance are listed. You can select the creditor account. The list of values search page displays the Account along with Customer No & Customer Name.

#### **Beneficiary Account Number**

Specify the Beneficiary Account Number. You can select the Beneficiary Account Number from the list of values. The list of values lists Loan Account numbers along other customer account

#### **Beneficiary Account Type**

System defaults the Beneficiary Account Type based on the account number selected.

#### **Beneficiary Name**

System defaults Beneficiary name of the Beneficiary Account number selected.

#### **Beneficiary LEI**

System displays Beneficiary LEI.

#### **Credit Account Number**

System displays the biller account which is resolved based on the Credit Card Number received in Incoming pacs.008.001.09 file as Beneficiary Account.

#### **Credit Account Currency**

System displays the Credit Account Currency.

#### **Credit Account Branch**

System displays the Credit Account Branch.

#### **Transaction Currency**

System defaults the Transaction Currency as 'INR'. This is not modifiable.

#### **Transaction Amount**

Specify the Transaction Amount. This field is populated as the transfer amount converted in credit account currency.

## **Debtor Details**

### **Debtor Account Number**

Specify the Debit Account number.

### **Debtor Account Type**

Select the Debtor Account type from the drop-down values displayed. Following are the options listed:

- Savings Bank (10)
- Current Account (11)
- Cash Credit (13)
- Loan Account (14)
- Overdraft (12)
- NRE (40)

### **Debtor Name**

Specify the Debtor name for the Debtor account specified.

### **Debtor LEI**

System displays Debtor LEI.

### **IFSC Code**

Select the IFSC Code from the list of values. All the valid IFSC codes are listed here.

### **Booking Date**

System defaults the booking date as current date.

### **Instruction Date**

System defaults this date as Current date and the payment is processed on the Instruction Date. System allows to modify the Instruction Date.

### **Activation Date**

System derives the activation date on clicking Enrich button.

### **Validate Account**

Validate Account button gets enabled only if all the following conditions are satisfied:

- The Host allows Virtual Identifiers AND
- Transaction is not Credit to GL AND
- Credit account is not valid based on core accounts /VAM accounts available,

When user click 'Validate Account', the system sends an ECA request to the OBVAM system.

## **4.1.1.2 Additional Details Tab**

You can capture additional details of the customer in this screen. Click on the 'Additional Details' tab to invoke this screen.

Enter the Creditor/Debtor address and Sender to Receiver Information details here.



Main **Additional Details** Pricing

Creditor Additional Details	Debtor Additional Details
Address Line 1	Address Line 1
Address Line 2	Address Line 2
Address Line 3	Address Line 3
Address Line 4	Address Line 4
Address Line 5	Address Line 5
Address Line 6	Address Line 6
Address Line 7	Address Line 7

**Sender To Receiver Information**

Sender To Receiver Information1

Sender To Receiver Information2

Sender To Receiver Information3

Sender To Receiver Information4

Sender To Receiver Information5

Sender To Receiver Information6

Payment Type Information	Instruction for Creditor Agent
Settlement Method CLRG	Instruction Information
Instruction Priority HIGH	
Charge Bearer SLEV	
Service Level Code SDVA	
Category Purpose Code EFT	
Local Instrument Code TRF	

UDF | MIS

Maker ID	Checker ID	Authorization Status
Maker Date Stamp	Checker Date Stamp	

Exit

## **Creditor Additional Details**

### **Address Line 1 to Address Line 7**

Specify the address.

## **Debtor Additional Details**

### **Address Line 1 to Address Line 7**

Specify the address.

## **Sender To Receiver Information**

System populates the static text automatically on clicking Enrich button in the Sender to Receiver Information fields, if the Debtor account type is NRE.

### **Sender to Receiver Information 1-6**

Specify the Sender to Receiver Information.

## **Payment Type Information**

### **Settlement Method**

System defaults Settlement Method as CLRG.

### **Instruction Priority**

System defaults Instruction Priority as HIGH.

### **Charge Bearer**

System defaults Charge Bearer as SLEV.

### **Service Level Code**

System defaults Service Level Code as SDVA.

### **Local Instrument Code**

System defaults Local Instrument Code as TRF.

## **FCR Donor Details**

These fields are disabled by default. Only when user selects the category purpose code as 'FCRA' then these fields gets enabled.

When these fields are enabled then Sender to Receiver Information line 1 to 6 and Indo Nepal Information fields gets disabled

### **Donor Name**

Specify the Donor Name.

### **Donor Address**

Specify the Donor Address.

### **Purpose of Remittance**

Specify the Purpose.

### **Country of Donor, Currency and Amount**

Specify the Country.

## **Instruction for Creditor Agent**

### **Instruction Information**

Specify the Instruction Information.

### **4.1.1.3 Pricing Tab**

You can view pricing details in this screen. Click on the 'Pricing' tab to invoke this screen. For more details on the fields refer to section 2.3.1.3.

Main | Additional Details | **Pricing**

<input type="checkbox"/>	Pricing Component	Pricing Currency	Pricing Amount	Waiver	Debit Currency	Debit Amount

UDF | MIS

Maker Id	Checker ID	Authorization Status	Cancel
Maker Date Stamp	Checker Date Stamp		

#### 4.1.1.4 **UDF**

Click this tab to specify the user defined fields.

The 'Fields' dialog box is shown with a title bar and a close button. Inside, there is a tab labeled 'Fields' with navigation arrows and a 'Go' button. Below this is a table with two columns: 'Field Label \*' and 'Field Value'. The table is currently empty. At the bottom right, there are 'Ok' and 'Exit' buttons.

#### 4.1.1.5 **MIS**

Click this tab to specify the MIS fields.

The 'MIS Details' dialog box is shown with a title bar and a close button. It contains a 'Transaction Reference Number \*' field and a 'MIS Group' dropdown menu with a 'Default' button. Below these are two sections: 'Transaction MIS' and 'Composite MIS', each with a list of input fields. At the bottom right, there are 'Ok' and 'Exit' buttons.

#### 4.1.1.6 **Viewing NEFT Inbound Payments Summary**

You can view all the inbound NEFT transactions in the summary screen.

You can invoke the 'NEFT Inbound Payment Transaction Input Detailed Summary' screen by typing 'PTSITONL' in the field at the top right corner of the application toolbar and clicking the adjoining arrow button.

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

- Authorization Status
- Source Code
- Network Code
- Transaction Branch
- Transaction Reference No
- Message ID
- Transaction ID
- Source Reference
- Booking Date
- Instruction Date
- Activation Date
- Transaction Status
- Debtor Account Number
- Transaction Currency
- Transaction Amount
- Debtor Account Number
- Debtor Account Type
- Debtor IFSC Code
- Beneficiary Account Number
- Beneficiary Account Type
- Queue Code
- Credit to GL
- Batch Number
- Related Reference

Once you have specified the search parameters, click 'Search' button. The system displays the records that match the search criteria.

Double click a record or select a record and click on 'Details' button to view the detailed maintenance screen.

## 4.1.2 NEFT Inbound Payment View

You can view the NEFT Inbound transaction in this screen.

You can invoke "NEFT Inbound Payments" screen by typing 'PTDIVIEW' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.

- Click on 'Enter Query' button and enter a valid Transaction Reference Number.
- Along with the transaction details, user can also view the Status details for the following:
  - Transaction Status
  - Pending Queue Details
  - External System Status
  - Sanction Seizure
  - Credit Confirmation Details
- Click Execute Query to populate the details of the transaction in the Inbound NEFT Payments View screen. The system displays all the fields in the below mentioned tabs based on the transaction reference number.

For more details on Main, Additional Details and Pricing tabs refer to 'PTDITONL' screen details above.

### 4.1.2.1 Exceptions Tab

Click on the 'Exceptions' tab to invoke this screen. All the details pertaining to Return Details, Network Reject Details and Dispatch Details are displayed here for the entered Transaction Reference Number.

The screenshot shows a web application interface with a top navigation bar containing tabs: Main, Additional Details, Pricing, and Exceptions (which is highlighted). Below the navigation bar, the main content area is divided into three sections: Return Details, Network Reject Details, and Dispatch Details. The Return Details section includes fields for Return Reference, Return Date (with a date picker showing 'yyyy-MM-dd'), Return Reason Code, Return Reason, and Returned Amount. The Network Reject Details section includes fields for Reject Code, Reject Date (with a date picker showing 'yyyy-MM-dd'), Network Code, and Reject Reference. The Dispatch Details section includes fields for Dispatch Reference Number, Dispatch Status (a dropdown menu), and Dispatch Date. At the bottom of the screen, there is a status bar with links: UDF, MIS, View Queue Action, Accounting Entries, All Messages, and View Repair Log. Below this, there are fields for Maker Id, Checker ID, Authorization Status, Maker Date Stamp, and Checker Date Stamp. An Exit button is located in the bottom right corner.

### 4.1.2.2 UDF Tab

You can invoke this screen by clicking UDF tab in the PTDIVIEW screen.

The screenshot shows a window titled 'FIELDS' with a close button (X) in the top right corner. Inside the window, there is a table with two columns: 'Field Label' and 'Field Value'. The table has a header row and one data row. The data row is currently empty. At the bottom right of the window, there are 'Ok' and 'Exit' buttons.

### 4.1.2.3 MIS Tab

You can invoke this screen by clicking MIS tab in the PTDIVIEW screen.

MIS Details

Transaction Reference Number \* MIS Group Default

Transaction MIS Composite MIS

Ok Exit

### 4.1.2.4 View Queue Action Log

User can view all the queue actions for the respective transaction initiated. You can invoke this screen by clicking the 'View Queue Action' button in View screen, where the Transaction Reference Number is auto populated and related details are displayed.

View Queue Action Log

Enter Query

Transaction Reference Number Network Code

1 Of 1 Go

Transaction Reference Number	Action	Remarks	Queue Code	Authorization Status	Maker Id	Maker Date Stamp

View Request Message View Response Message

Exit

Following details are displayed:

- Transaction Reference Number
- Network Code
- Action
- Remarks
- Queue Code
- Authorization Status

- Maker ID
- Maker Date Stamp
- Checker ID
- Checker Date Stamp
- Queue Status
- Queue Reference No
- Primary External Status
- Secondary External Status
- External Reference Number

User can view the request sent and the corresponding response received for each row in Queue Action Log.

Also user can view the request sent to and the response received from external systems for the following:

- Sanction screening
- External Account Check
- External price fetch
- Accounting system

#### 4.1.2.5 **Accounting Entries**

You can click the “Accounting Entries” link in the transaction input screen to invoke the screen.

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

##### **Transaction 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.

#### 4.1.2.6 All Messages Tab

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

Transaction Reference Number

1 Of 1 Go

Transaction Ref No	Message Reference No	Message Type	Message Status	Value Date	Release Date	Direction	ACK/NAK Type	Rejec
--------------------	----------------------	--------------	----------------	------------	--------------	-----------	--------------	-------

Message

Exit

The system displays the following details in a grid form containing one or multiple rows for the Transaction Reference Number specified:

- Transaction Ref No
- Message Reference No
- Message Type
- Message Status
- Value Date
- Release Date
- Direction
- ACK/NAK Type
- Reject/Response Code

---

#### Note

The system generates Message type 'CREDIT\_ADVICE' along with 'camt.059.001.06'. This generation happens based on the 'Customer Advice Preference' (PMDCSADV) screen maintained per account & network combination.

---

#### 4.1.2.7 View Repair Log

User can view all the Repair actions for the respective transaction initiated. You can invoke this screen by clicking the 'View Repair Log' button in View-screen, where the Transaction Reference Number is auto populated and related details are displayed.

View Repair Log

Enter Query

Transaction Reference Number

1 Of 1 Go

Queue Reference No	Field Name	Old Value	Repaired Data	Error
--------------------	------------	-----------	---------------	-------

Exit

You can View Repair Log details in this sub-screen. Following details are displayed:

- Queue Reference No
- Field Name
- Old Value
- Repaired Data
- Error

### 4.1.2.8 NEFT Inbound Payments View Summary

You can invoke the 'NEFT Inbound Payments View Summary' screen by typing 'PTSIVIEW' in the field at the top right corner of the application toolbar and clicking the adjoining arrow button.

NEFT Incoming payment Transaction View Summary

Search Advanced Search Reset Clear All

Case Sensitive

Transaction Reference Transaction Branch Source Code

N02 Message Reference Number Message ID Transaction ID

Batch Number Value Date YYYY-MM-DD Remittance Date

Transaction Status Debtor Account Number Transaction Amount

Queue Code Beneficiary Account Number Related Reference

Credit to GL Debtor Account Type Beneficiary Account Type

Network Code Debtor IFSC Code Authorization Status

Source Reference Sender End to End ID

Records per page: 15 1 Of 1 Go Lock Columns: 0

Transaction Reference	Transaction Branch	Source Code	N02 Message Reference Number	Message ID	Transaction ID	Batch Number	Value Date	Remittance Date	Transaction Status	Debtor Account Number	Transaction Amount
-----------------------	--------------------	-------------	------------------------------	------------	----------------	--------------	------------	-----------------	--------------------	-----------------------	--------------------

Exit

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

- Source Code
- Network Code
- Transaction Reference
- N02 Message Reference Number
- Transaction Branch
- Message ID
- Transaction ID
- Batch Number
- Remittance Date
- Transaction Status
- Debtor Account Number
- Transaction Amount
- Queue Code
- Beneficiary Account Number
- Related Reference
- Credit to GL
- Debtor Account Type
- Beneficiary Account Type
- Debtor IFSC Code
- Authorization Status
- Source Reference
- Sender End to End ID

Once you have specified the search parameters, click 'Search' button. The system displays the records that match the search criteria.

Double click a record or select a record and click on 'Details' button to view the detailed maintenance screen.

## **4.2 NEFT Inbound Payments Processing**

The incoming NEFT payments is received as pacs.008.001.09 messages from RBI Clearing.

### **4.2.1 NEFT Inbound Payment Validations**

Following validations and process changes are handles as part of the NEFT Incoming payments:

#### **4.2.1.1 Initial Validations**

- During initial validation, system checks if the incoming Incoming pacs.008.001.09 message is for Return of outgoing payment or Normal Incoming payment.
- If the field (:2006) 'Related Reference number' has any value, then the Incoming pacs.008.001.09 message is identified as Return of outgoing payment. For more details on Return, refer to Return of payments section.
- If the field (:2006) 'Related Reference number' does not have any value and only the field (:2020) 'Transaction reference number' has value, it is processed as incoming payment.

---

#### **Note**

This is the transaction reference specified by the sender's bank in originating Outgoing pacs.008.001.09 message and it is stored in the Related Reference field in the incoming payment screen.

---

#### **4.2.1.2 Business Override checks**

This is applicable for NEFT transfers as per current functionality.

#### **4.2.1.3 Process Exception Checks**

- If Account Type and Account Number mapping is not done by the beneficiary bank or in case of account type mismatch, transaction moves to Process Exception queue.
- In case of account type mismatch (Beneficiary account type in the system and the account type sent in the message), transaction moves to Process Exception queue.

#### **4.2.1.4 Network Validations**

- Debtor/ creditor/Bank/Additional details for a payment transaction are validated against valid characters allowed for the network. In case of Network character validation failure, transaction is moved to repair queue.

#### **4.2.1.5 LEI Validation**

- The system validates the Beneficiary LEI field value received in the incoming message when all below listed conditions satisfy as part of Repair Validations processing step:

- Transaction amount is more than the LEI Threshold Amount maintained in India Payments Common Preferences (PMDNFTPF).
- Beneficiary is a 'Non-Individual' .i.e. Customer Type is not 'Individual'.
- The incoming transaction moves to Business Override Queue (BO) when any of the below Beneficiary LEI validation fails:
  - Beneficiary LEI is not available in the incoming message.
  - Beneficiary LEI is available in the incoming message but there is no LEI captured at beneficiary customer level (no maintenance).
  - Beneficiary LEI is available in the incoming message, but the LEI captured at beneficiary customer level is different from Beneficiary LEI value received.
  - Beneficiary LEI is available in the incoming message, but the LEI captured at beneficiary customer level is expired (Expiry Date is less than value date of the transaction).
- On Approval from Business Override Queue, the transaction is processed further.

---

#### **Note**

- Beneficiary LEI is validated only for Customer Transfer (pacs.008) message for Incoming RTGS (Only Incoming NEFT / RTGS Customer Transfer in scope).
  - Since the Beneficiary LEI is received in Line 2 of Sender to Receiver Information field and within '//BL' & '/', the LEI is extracted and validated.
- 

#### **4.2.1.6 Non - NRE A/c to NRE A/c Payment Check**

- System checks if the sender's account type (field:6305) belongs to Non-NRE account type.
- This is identified based on the below values present in the field
  - 10 - Savings Bank
  - 11 - Current Account
  - 13 - Cash Credit
  - 14 - Loan Account
  - 12 - Overdraft
  - 40 - NRE
- System checks the Beneficiary account type (field:6310) belongs to NRE account type. This is identified based on the above values present in the field.
- If it is resolved as Non-NRE a/c type to NRE a/c type payment, the Inbound payment transaction is moved to the Repair queue. Available actions in the Repair queue are:
  - Repair. Repair processing logic is the same as per functionality.
  - Return- Refer to Return of Payments section for more details
- In all other account type cases, the transaction moves to the next processing stage.
- Validations for Repair Queue:
  - Beneficiary Name Check is done. If the validation fails, the Inbound payment transaction is moved to the Repair queue.
  - In cases of Invalid beneficiary account or Credit to FCY account, the Inbound payment transaction is moved to the Repair queue.

- If Beneficiary account branch could not be derived based on the Beneficiary branch IFSC (:5569) from the incoming Incoming pacs.008.001.09 message, then it is moved to the Repair queue.
- System validates whether account record is open and authorized.

#### **4.2.1.7 Credit Card Payment Processing**

The incoming NEFT payments processing remains the same, except changes done for credit card payments. The following are the processing steps:

- The system checks the Account type received in Incoming pacs.008.001.09 field 6310. If the value of this field is '52', it indicates that it is a credit card payment.
- The system then checks the beneficiary branch IFSC received in Incoming pacs.008.001.09 field 5569 and validates it for credit card IFSC.
- The system checks the credit account resolution as follows:
  - The 16-digit beneficiary account is the credit card number and not the valid customer account number to be credited.
  - Beneficiary name matching validation is not applicable.
  - The system checks the first 6-digits of the beneficiary account number (Credit Card Number) against the BIN No. maintained on the Biller maintenance screen.
  - As per BIN No., the system fetches the Credit Account of the biller maintained in the Biller Maintenance screen.
  - For uploaded transactions in case, the system is unable to derive IFSC or the BIN No. then the transaction moves to the Process Exception queue.
  - For manual input screen on click of Enrich user action screen displays an error message.
- For normal Inbound NEFT transactions, if the Beneficiary account is a valid account then the Beneficiary account number populates in the credit account number field. It means that for normal inbound NEFT transactions Beneficiary Account Number and Credit Account Number have the same value.
- The system checks the accounting entries as follows:
  - The system considers the credit account from the Credit Account Number' field while posting the accounting entries to credit the transaction amount.
  - The system maps the Beneficiary Account Number to the field '<CARD\_NO></CARD\_NO>' as it is from the Incoming pacs.008.001.09 field 6061, during Accounting Handoff to FC core.

#### **4.2.1.8 Authorization limit check**

Authorization limit check, supports only one Auth Limit Queue.

#### **4.2.1.9 Future Valued Check**

This is not applicable for NEFT Inbound Payments.

#### **4.2.1.10 FX Limit Check**

FX Limit check is not applicable for NEFT Inbound payments.

#### **4.2.1.11 camt.054.001.08 and Incoming pacs.008.001.09 Messages Matching & Release Final Credit**

Following are the processing steps:

- After the successful EAC Check – Approved, System does not immediately post accounting entries for the incoming credit payments.
- Incoming Payments transactions are marked with below transaction status as;
  - ‘Active’, (After ECA Check -Approved, but camt.054.001.08 for the batch time/date not received)
  - ‘Processed’, (After camt.054.001.08 for the corresponding batch time/date received)
  - ‘Returned’, (In case of return due to valid reasons.)
- camt.054.001.08 Match and RCLG Accounting:
  - System checks if camt.054.001.08 is received for the corresponding Incoming pacs.008.001.09s based on the fields below.
  - On receipt of camt.054.001.08, system performs automatic matching of the camt.054.001.08 with Incoming pacs.008.001.09s based on the fields (:3535) ‘Batch Time, (:3385) ‘Date’, Receiver IFSC code present in the camt.054.001.08 message against the fields (:3535) ‘Batch Time, Originating Date, Receiver IFSC code present in the Incoming pacs.008.001.09 message.

---

#### **Note**

While Incoming pacs.008.001.09 messages are continuously received, camt.054.001.08 end of batch settlement message is sent by RBI Clearing Centre at the end of every 30-minute batch time.

---

- If matched, system triggers the RCLG event as - Dr. Nostro Account and Cr. Clearing GL

#### **Transaction accounting:**

System releases the final credit (DRLQ/CRLQ accounting entries posting) to the beneficiary account. Such successful incoming payment transactions statuses are marked as ‘Processed’.

- If Incoming payment could not be credited to the beneficiary account for any valid reasons such as Beneficiary Name Mismatch, Beneficiary Account Invalid, Inward Credit to NRE from Non-NRE account etc.), such transactions are ‘Returned’ from ‘Repair’ Queue.
- There can be transactions pending in the exception queues (such as Process Exception/Business Override/Repair Queue/Authorization Limit Check/ Sanction Check/Pricing Queue/EAC) which can be settled any time before B+2 cut-off time. (Refer Returns Processing section for B+2)
  - Such transactions are placed into the success path of the incoming process flow post Repair/Approval from the respective exception queues.
  - System checks if the corresponding camt.054.001.08 message is received and matched before final credit to beneficiary. If matched, then it triggers DRLQ, CRLQ events as part of transaction accounting.

#### **4.2.1.12 Accounting Handoff**

Accounting details are handed off to the accounting system for posting the entries. Following entries are posted for - Receipt accounting and Transaction accounting:



Accounting handoff is done as the RCLG event is triggered.

Dr./ Cr.	Account	Value Date	TXN_CCY
Dr.	Nostro Account	Message Processing Date	Transfer Currency
Cr.	Clearing GL	Message Processing Date	Transfer Currency

Following are the entries posted for the transactions booked:

Dr./ Cr.	Account	Value Date	TXN_CCY
Dr.	Clearing GL	Activation Date	Account Currency
Cr.	Intermediary GL	Activation Date	Transfer Currency
Dr.	Intermediary GL	Activation Date	Transfer Currency
Cr.	Customer	Activation Date	Transfer Currency

Transactions remain in the Accounting Queue with a Pending or Exception status till accounting is completed successfully. The transaction status changes to Processed upon successful accounting completion.

#### 4.2.2 **Notifications**

After processing the camt.059.001.06 message successfully, a notification is sent to the external system, to further send it to Beneficiary.

### 4.3 **NEFT Message Browser**

#### 4.3.1 **NEFT EOB/EOD Browser**

You can view the camt.054.001.08 messages received through this browser. You can query based on batch time and date, to view the specific camt.054.001.08 message.

You can invoke the 'NEFT EOB/EOD Browser' screen by typing 'PTSNFN04' in the field at the top right corner of the application toolbar and clicking the adjoining arrow button.

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

- Message Reference Number
- Batch Number
- Received Date
- Process Status

Once you have specified the search parameters click 'Search' button. The system displays the records that match the search criteria.

#### 4.3.1.1 **View Message**

You can view the message details and its respective fields by selecting a record.

You can invoke this sub-screen by clicking 'View Message' tab in the NEFT EOB/EOD Browser screen.

#### 4.3.1.2 View Settlement

You can view the all the Incoming pacs.008.001.09 messages matched for the corresponding camt.054.001.08 messages received in the 'View Settlement' screen (PTDSTLVW).

You can invoke this sub-screen by clicking 'View Settlement' tab in the NEFT EOB/EOD Browser screen.

Matching of the camt.054.001.08 message against the Incoming pacs.008.001.09 messages are done based on the fields:

- camt.054.001.08 Fields: Batch Time, Date , Receiver IFSC Code in camt.054.001.08 message.

- N02 Fields: Batch Time, Originating Date, Receiver IFSC Code in Incoming pacs.008.001.09 message.

You can also view the following details in the View Settlement screen:

### **Inbound Credits**

#### **No of Inbound Credits**

Displays the total no of inbound credits as received in camt.054.001.08 message.

#### **Sum of Inbound Credits**

Displays the total sum of inbound credits as received in camt.054.001.08 message.

#### **No of Actual Inbound Credits**

Displays the actual number of successful final credits after settlement to beneficiary as received in Incoming pacs.008.001.09 message.

#### **Sum of Actual Inbound Credits**

Displays the actual sum of successful final credits after settlement to beneficiary as received in Incoming pacs.008.001.09 message.

### **Return Transactions**

#### **No of Return Transactions**

Displays the total no of return transactions as received in camt.054.001.08 message.

#### **Sum of Return Transactions**

Displays the total sum of return transactions as received in camt.054.001.08 message.

#### **No of Actual Return Transactions**

Displays the number of successful returns after R-Matching and final settlement to the original debtor as received in Incoming pacs.008.001.09 message.

#### **Sum of Actual Return Transactions**

Displays the sum amount of successful returns after R-Matching and final settlement to the original debtor as received in Incoming pacs.008.001.09 message.

### **Outbound Debits**

#### **No of Outbound Debits**

Displays the total no of outbound debits as received in camt.054.001.08 message.

#### **Sum of Outbound Debits**

Displays the total sum of outbound debits as received in camt.054.001.08 message.

#### **No of Outbound Debit Transaction Accepted**

Displays the total no of outbound debits accepted in camt.054.001.08 message.

#### **Sum of Outbound Debit Transaction Accepted**

Displays the total sum of outbound debit accepted in camt.054.001.08 message.

#### **No of Outbound Debit Transaction Rejected**

Displays the total no of outbound debit rejected in camt.054.001.08 message.

#### **Sum of Outbound Debit Transaction Rejected**

Displays the total sum of outbound debit rejected in camt.054.001.08 message.

Grid displays the details about the Incoming pacs.008.001.09 Messages references and its respective details like:

- pacs.008.001.09 Message Reference Number
- No of Inward Credits
- Sum of Inward Credits
- No of Return Transactions Received
- Sum of Return Transactions Received

#### **View Return Transactions**

On clicking the 'View Return Transactions' button, Outbound View Summary screen (PTSOVIEW) is launched and lists the underlying outbound payment transactions (in case of returns), in the system.

#### **View Inward Credits**

On clicking the 'View Inward Credits' button, Inbound View Summary screen (PTSIVIEW) is launched and lists the underlying inbound payment transactions created in the system.

#### **View Message**

You can select a Incoming pacs.008.001.09 Reference listed in the grid and click on 'View Message' button to view the Incoming pacs.008.001.09 message details.

### **4.3.1.3 View Accounting**

You can view the RCLG accounting entries passed on the receipt of camt.054.001.08 message for the record selected.

You can invoke this sub-screen by clicking 'View Accounting' tab in the NEFT N04 Browser screen.

NEFT Receipt File Accounting Entries

Enter Query

Message Reference Number

Accounting Entries

1 Of 1

Event Code	Transaction Date	Value Date	Transaction Account	Transaction Account Branch	Transaction Code	Dr/Cr	Amount Tag

Exit

## 4.3.2 NEFT Inbound Message Browser

You can view all the inbound NEFT messages such as - Incoming pacs.008.001.09, N03, camt.054.001.08, N09, N10, pacs.008.001.09 camt.054.001.08, and camt.059.001.06 generated in this screen.

You can invoke 'NEFT Inbound Message Browser' screen by typing 'PTSINBRW' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.

NEFT Inbound Message Browser

Search Advanced Search Reset Clear All

Case Sensitive

Generated Reference Number Message Reference Number Batch Number

Received Date YYYY-MM-DD Message Type Process Status

Records per page 15 1 Of 1 Lock Columns 0

Generated Reference Number	Message Reference Number	Batch Number	Received Date	Received Time	Message Type	Process Status	Error Code	Error Description
----------------------------	--------------------------	--------------	---------------	---------------	--------------	----------------	------------	-------------------

View Message Process NAK Retry NEFT Inbound Message

Exit

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

- Generated Reference Number
- Message Reference Number
- Batch Number
- Received Date
- Message Type
- Process Status

---

### Note

Inbound SFMS ACK/NAK Messages, can be viewed against respective Outgoing pacs.008.001.09 dispatch, in NEFT outbound browser (PTSOUTBR).

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Following sub screens/ actions are available in the message browser screen:

#### View Message

All the messages - Incoming pacs.008.001.09, N03, camt.054.001.08, N09 and camt.059.001.06 are listed in this Inbound browser screen. Select a record and click on 'View Message' button to view the message details.

#### Process NAK

You can click the 'Process NAK' option to launch N03 Transaction Summary View Screen (PTSN03TX). 'Process NAK' option helps to validate the negative acknowledgement and perform appropriate action like reverse or regenerate the transaction.

### Retry NEFT Inbound Message

On clicking Retry button, NEFT Upload Retry sub screen is displayed.

On Retry action, system re-processes upload of error records. On completion of the upload, Process status is marked as 'Processed'.

## 4.4 NEFT Acknowledgement Processing

### 4.4.1 Message Dispatch - Outbound camt.059.001.06 Credit Confirmation ACK Message

- After processing the CRLQ event, a background job generates the 'Credit Acknowledgement Message' for the incoming payment transactions.
- This process groups the number of incoming payments and generates a single 'Credit Acknowledgement Message' for those transactions (Number of transactions for group is parametrized in network maintenance).

## 4.5 NEFT camt.054.001.08 Manual Initiation

### 4.5.1 NEFT EOB/EOD Manual Initiation

You can initiate incoming camt.054.001.08 message manually in this transaction screen.

You can invoke the "NEFT EOB/EOD Manual Initiation" screen by typing 'PTDMNN04' in the field at the top right corner of the application tool bar and clicking on the adjoining arrow button.

NEFT EOB/EOD Manual Initiation

New Enter Query

Host Code \*  
Network Code \*  
Source Code \*

Transaction Branch \*  
Message Reference Number \*  
Batch Number \*  
Value Date \* YYYYMMDD

Inbound Credits		Return Transactions	
No of Inbound Credits	0	No of Return Transactions	0
Sum of Inbound Credits	0.00	Sum of Return Transactions	0.00

Outbound Debits		Outbound Debit Transactions	
No of Outbound Debits	0	Sum of Outbound Debits	0.00
No of Outbound Debit Transaction Accepted	0	Sum of Outbound Debit Transaction Accepted	0.00
No of Outbound Debit Transaction Rejected	0	Sum of Outbound Debit Transaction Rejected	0.00

Maker ID  
Maker Date Stamp

Checker ID  
Checker Date Stamp

Authorization Status

Exit

Specify following fields:

**Host code**

System defaults the Host Code of transaction branch.

**Network Code**

System defaults the Network code on clicking 'New'.

**Source Code**

Specify the Source Code from the list of values.

**Transaction Branch**

System defaults the Transaction Branch code with the user's logged in branch code.

**Message Reference Number**

System generates the unique Message Reference Number for camt.054.001.08 message.

**Batch Number**

Specify the NEFT Batch Number from the list of values.

**Value Date**

Specify the Value Date.

**Inbound Credits**

**No of Inbound Credits**

By default, system populates value as '0'. You can modify the value.

**Sum of Inbound Credits**

By default, system populates value as '0.00'. You can modify the value.

**Return Transactions**

**No of Return Transactions**

By default, system populates value as '0'. You can modify the value.

**Sum of Return Transactions**

By default, system populates value as '0.00'. You can modify the value.

**Outbound Debits**

**No of Outbound Debits**

By default, system populates value as '0'. You can modify the value.

**Sum of Outbound Debits**

By default, system populates value as '0.00'. You can modify the value.

**No of Outbound Debit Transaction Accepted**

By default, system populates value as '0'. You can modify the value.

**Sum of Outbound Debit Transaction Accepted**

By default, system populates value as '0.00'. You can modify the value.

**No of Outbound Debit Transaction Rejected**

By default, system populates value as '0'. You can modify the value.

**Sum of Outbound Debit Transaction Rejected**

By default, system populates value as '0.00'. You can modify the value.



## 4.5.2 NEFT N04 Input Detailed Summary

You can invoke the 'NEFT N04 Input Detailed Summary' screen by typing 'PTSMNN04' in the field at the top right corner of the application toolbar and clicking the adjoining arrow button.

NEFT N04 Input Detailed Summary

Search Advanced Search Reset Clear All

Case Sensitive

Message Reference Number Source Code Authorization Status

Batch Number Network Code Maker ID

Value Date Transaction Branch Checker ID

Records per page: 15 1 Of 1 Lock Columns: 0

Host Code	Message Reference Number	Source Code	Authorization Status	Batch Number	Network Code	Maker ID	Value Date	Transaction Branch	Checker ID
-----------	--------------------------	-------------	----------------------	--------------	--------------	----------	------------	--------------------	------------

Exit

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

- Message Reference Number
- Batch Number
- Value Date
- Source Code
- Network Code
- Transaction Branch
- Authorization Status
- Maker ID
- Checker ID

Once you have specified the search parameters, click 'Search' button. The system displays the records that match the search criteria.

## 4.5.3 NEFT camt.054.001.08 Manual Processing

- You can initiate camt.054.001.08 message manually from the N04 Manual screen. On clicking 'New' option, system performs below action:
  - Auto populate Host Code, Transaction Branch and Message Reference Number.
  - Enter Batch Number and Value date.
  - Default Inbound credits, Return Transactions and Outbound Debits fields to 0 and 0.00 appropriately. However, you can still update the value and Save the transaction.
- Once the transaction is saved, authorizer will authorize the transaction. Audit trail is visible at the bottom of the screen.

- After authorization, system creates a dummy camt.054.001.08 message entry in DB table PMTB\_NEFT\_N04\_MSG\_IN.
- Validations are performed before inserting the dummy camt.054.001.08 entry to DB table
- For dummy camt.054.001.08 message, system generates receipt accounting entries i.e., Dr Nostro Account and Cr Intermediary GL.
- This dummy camt.054.001.08 message can be browsed from screen NEFT EOB/EOD Browser (PTSNFN04) using search criteria. Dummy camt.054.001.08 message is not available on PTSINBRW screen.
- Summary of all the camt.054.001.08 messages generated manually can be viewed from new screen PTSMNN04.

#### **4.5.3.1 Incoming pacs.008.001.09 Message processing**

System will match the dummy camt.054.001.08 message with Incoming pacs.008.001.09 transactions which are in active status and corresponding to the batch number and value date of Dummy camt.054.001.08.

For the matched records, system will process the Incoming pacs.008.001.09 similar to when camt.054.001.08 is received from RBI.

When the final camt.054.001.08 is received from RBI, it is received without the Batch Number. This camt.054.001.08 is to be processed as EOD message for the current Network Date and should be used to release the Incoming pacs.008.001.09 messages received during the last Batch.

## 5. NEFT Return Payments

### 5.1 NEFT Inbound Return Payments

This chapter contains the following sections:

- [Section 5.1.1, "NEFT Inbound Payments - Returns Processing"](#)
- [Section 5.1.2, "Message Dispatch - N07 Returns"](#)
- [Section 5.1.2, "NEFT - Return of Inbound Payment"](#)

#### 5.1.1 NEFT Inbound Payments - Returns Processing

##### 5.1.1.1 Returns Processing as per B+4 Settlement Batches

The Beneficiary bank must credit the beneficiary or return the transaction to the originating bank within B+4 hours or else it has to be returned as NEFT Outgoing transactions (pacs.008.001.09), wherein B is Batch number received in the inbound pacs.008.001.09 message. Return cutoff time is captured in India Payments Common Preferences.

The Return can be initiated for the following reasons:

- Inward Credit to a NRE account from a non-NRE account
- Invalid Beneficiary account
- Rejection/Cancellation from the Incoming Exception queues

Returns (Cancel action) can be done from any Queue where user can input the Return reason Code and Return Reason.

- The following screen is launched to handle returns manually and generate pacs.004.001.10 within B+2 cutoff time.

**Cancel Details**

Queue Reference Number	Transaction Reference No
Host Code	Network Code
Payment Type: India NEFT	Transaction Type: Incoming
Transfer Currency	Transfer Amount
Remarks *	Queue Status
<input type="checkbox"/> Suppress Accounting for inbound payments	
Reject/Return Details	
Reject Code	Return Date: dd-MM-yyyy
Reject Reason	Return Reference
Maker ID	Maker Date Stamp
Checker ID	Checker Date Stamp
Authorization Status	

Ok Exit

On approving Cancel Action from Exception Queues, Inbound transaction is liquidated to Return GL and the transaction is marked as 'Return Initiated'.

Below is the Accounting Entries posted:

Event	Dr/Cr	Account	Account Type	Amount Tag
DRLQ	Dr	Network Clearing GL	GL	XFER_AMT
CRLQ	Cr	Intermediary GL	GL	XFER_AMT
DRLQ	Dr	Intermediary GL	GL	XFER_AMT
CRLQ	Cr	Return GL	GL	XFER_AMT

You have to maintain a source code as INBOUNDN0 with Prefunded GL flag checked and Prefunded GL as Return GL. Source Network Preferences for transaction Type 'Outgoing' is to be maintained.

An outbound transaction is auto created on processing the return of incoming NEFT transactions, with 'Prefunded GL' flag checked. Outbound transaction Reference is populated as Return reference of the original inbound transaction. The mapping for the outbound transaction is detailed in the below table:

Outbound Transaction Fields	Mapping Details
Host Code, Transaction Branch & Network Code	Same as Inbound Transaction
Source Code	INBOUNDN02
Transaction Reference	Return Reference
UTR Number	Return Reference
Source Reference	Inbound Transaction Reference
Return of Inbound Flag	Marked as Yes
Prefunded Flag	Checked
Booking Date	Current Date
Value Date	Current Date
Activation Date	Current Date
Transaction Currency & Amount	As received in Inbound Transaction
Debtor Details	Beneficiary Details of Inbound transaction
Beneficiary Details	Debtor Details of Inbound Transaction
Beneficiary Bank Details	Debtor Bank Details of Inbound Transaction
Additional Details - Debtor Address	Beneficiary Address Details of inbound transaction
Additional Details - Beneficiary Address	Debtor Address Details of inbound transaction

Outbound Transaction Fields	Mapping Details
Sender to Receiver Information	Third line populated as Return of <Source Code of Original Inbound Transaction>

Accounting for the outbound transaction is posted with the Prefunded GL which is maintained as Return GL.

Event	Dr/Cr	Account	Account Type	Amount Tag
DRLQ	Dr	Return GL	GL	XFER_AMT
CRLQ	Cr	Intermediary GL	GL	XFER_AMT
DRLQ	Dr	Intermediary GL	GL	XFER_AMT
CRLQ	Cr	Network Clearing GL	GL	XFER_AMT

All manual rejection within B+4 settlement batch generates pacs.004 message. Any manual rejection/cancellation beyond B+4 settlement batches generate pacs.008.001.09 message.

#### **5.1.1.2 Returns Processing after B+4 Cutoff Time**

After the B+4 settlement batches, On cancel from any queues, system generates pacs.008.001.09 transaction and generation of pacs.008.001.09 is done similar to normal outgoing transaction. This pacs.008.001.09 message is included and sent in the next pacs.008.001.09 dispatch.

When the generation of pacs.008.001.09 message is completed for transactions with Return of Inbound field is 'Yes', then the related Inbound transaction status is marked as 'Returned'.

#### **5.1.1.3 Message Dispatch - Pacs.004**

A background job generates the pacs.004 - Return of Incoming Payment message for all the return transactions.

This process groups the number of outbound return payments and generate a single 'pacs.004 - Return of Incoming Payment message' for those transactions.

System checks whether camt.054.001.08 EOB message is received for the Original inbound pacs.008.001.09 message. If yes, pacs.004 message record is marked as 'Ready for Dispatch'. Only the records marked as Ready for Dispatch are picked up for pacs.004 generation.

When the generation of pacs.004 message is completed for transactions with Return of Inbound field is 'Yes', then the related Inbound transaction status is marked as 'Returned'.

#### **5.1.2 NEFT - Return of Inbound Payment**

You can view the return transactions pertaining to the inbound payments through this screen

You can invoke the “Return of Inbound Payment” screen by typing ‘PTDINRTN’ in the field at the top right corner of the application tool bar and clicking on the adjoining arrow button.

### Return Reference Number

Specify the Return Reference and click on ‘Enter Query’.

You can view the inbound transactions that are returned, with payment type as ‘NEFT’ and Transaction status - ‘Returned’.

### Return Date

System displays the Return Date as the current date by default.

### Transaction Branch

System defaults the Transaction branch of the user’s logged in branch.

### Host Code

System defaults the Host Code the user’s logged in branch.

### Original Transaction Reference

The system displays the Original Transaction Reference for which the transaction is Returned.

On entering the Return Reference, the information related to the transaction is defaulted in the below listed fields:

- Network Code
- Original Transaction Type
- Original Payment Type

### Original Transaction Details

- Transfer Currency
- Transfer Amount

- Debtor Account Number
- Debit Account Type
- Debtor Name
- Creditor Account Number
- Creditor Account Type
- Creditor Name
- Creditor IFSC Code

### **Return Details**

#### **Return Reason Code**

System displays the Return Reason Code as received in pacs.008.001.09 message.

#### **Return Reason**

System displays the Return Reason based on the selected Reject Code.

#### **Originator Bank IFSC**

System displays the IFSC code of the originator of the transaction.

#### **Originator Branch**

System displays the Name of the Originator Branch.

#### **Originator Bank**

System displays the Originator Bank as received in pacs.008.001.09 message.

#### **Network Reject Details**

These fields are applicable while querying for a particular Return record which is rejected by the RBI/Clearing Centre.

#### **Reject Reference**

System displays the Reject Reference details.

#### **Reject Received Date**

System displays the date on which the network reject was received.

#### **Reject Code**

System displays the network reject code.

#### **Reject Reason**

System displays the reason for Network Reject.

### 5.1.2.1 NEFT Return Of Inbound Payment Summary

You can invoke the 'NEFT Return Of Inbound Payment Summary' screen by typing 'PTSINRTN' in the field at the top right corner of the application toolbar and clicking the adjoining arrow button..

NEFT Return of Incoming Payment Summary

Search Advanced Search Reset Clear All

Case Sensitive

Authorization Status

Original Transaction Reference Number

Debtor Account Number

Creditor IFSC Code

Original Transaction Type

Return Reason Code

Reject Code

Return Reference Number

Transfer Currency

Creditor Account Number

Original Payment Type

Originator Bank IFSC

Network Code

Reject Reference

Records per page: 15 | Go | Lock Columns: 0

Authorization Status	Return Reference Number	Original Transaction Reference Number	Host Code	Transaction Branch	Transfer Currency	Transfer Amount	Debtor Account Nur
----------------------	-------------------------	---------------------------------------	-----------	--------------------	-------------------	-----------------	--------------------

Exit

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

- Return Reference Number
- Original Transaction Reference Number
- Debtor Account Number
- Creditor Account Number
- Return Reason Code

Once you have specified the search parameters, click 'Search' button. The system displays the records that match the search criteria.

Double click a record or click the 'Details' button after selecting a record to view the detailed screen.

## 5.2 NEFT Outbound Return Payments

This chapter contains the following sections:

- [Section 5.2.1, "NEFT Outbound Payments - Returns Processing"](#)
- [Section 5.2.2, "NEFT - Return of Outbound Payment"](#)

### 5.2.1 NEFT Outbound Payments - Returns Processing

Return of outgoing payment is received as pacs.004 message

Incoming pacs.004 messages can be received as result of any outgoing payment being returned by beneficiary bank.



The parent transaction is fetched based on following matching fields:

pacs.004.001.10 tags	pacs.008.001.09 tags
Original End to End Identification <OrgnlEndToEndId>	End To End Identification <End-ToEndId>
Original Transaction Identification <OrgnlTxId>	Transaction Identification <TxId>

On finding a parent match, a return transaction is internally created. Return reference, return date, reason code and rejection reason are stored for the returned transaction.

EAC check is performed before accounting handoff for the reversal. There is no sanction check.

Return accounting entries are processed with value date as return processing date. Charges applied as part of original transaction will not be reversed.

Return accounting entries are posted to the same GL (in case of prefunded payments) which has been used earlier for the original outbound payment transaction.

Original transaction status is updated as 'Returned'. Return details are captured for the original transaction and will be available for view.

Following are the entries posted for the return of outbound transaction with the negative of transfer amount:

Dr./ Cr.	Account	Value Date	TXN_CCY
Dr.	Clearing GL	Return Processing Date	Account Currency
Cr.	Intermediary GL	Return Processing Date	Transfer Currency
Dr.	Intermediary GL	Return Processing Date	Transfer Currency
Cr.	Customer Account	Return Processing Date	Transfer Currency

This is a backup screen NEFT Return of Outgoing Payment (PTDOTRTN) to manually process return of outgoing payments.

## 5.2.2 Notification Support

Notification is generated on successful processing of Return.

## 5.2.3 NEFT - Return of Outbound Payment

You can view the return transactions pertaining to the outbound payments through this screen

You can invoke the "Return of Outbound Payment" screen by typing 'PTDOTRTN' in the field at the top right corner of the application tool bar and clicking on the adjoining arrow button.

NEFT Return of Outgoing Payment	
New Enter Query	
Return Reference Number *	Transaction Branch
Return Date YYYY-MM-DD	Host Code *
Original Transaction Reference Number	Network Code
	Original Payment Type
	Original Transaction Type
<b>Return Details</b>	<b>Original Transaction Details</b>
Return Reason Code	Transfer Currency
Return Reason	Transfer Amount
Originator Bank IFSC	Debtor Account Number
Originator Branch	Debtor Account Type
Originator Bank	Debtor Name
<b>Network Reject Details</b>	Creditor Account Number
Reject Reference	Creditor Account Type
Reject Received Date YYYY-MM-DD	Creditor Name
Reject Code	Creditor IFSC Code
Reject Reason	
Maker ID	Maker Date Stamp
Checker ID	Checker Date Stamp
Authorization Status	
Exit	

### Return Reference Number

Specify the Return Reference and click on 'Enter Query'.

You can view the outbound transactions that are returned, with payment type as 'NEFT' and Transaction status - 'Returned'.

### Return Date

System displays the Return Date as the current date by default.

### Original Transaction Reference Number

System displays the Original Transaction Reference for which the transaction is Returned

On entering the Return Reference, the information related to the transaction is defaulted in the below listed fields:

- Network Code
- Original Transaction Type
- Original Payment Type

### Original Transaction Details

- Transfer Currency
- Transfer Amount
- Debtor Account Number
- Debtor Account Type
- Debtor Name
- Creditor Account Number
- Creditor Name
- Creditor IFSC Code

### Return Details

#### Return Reason Code

System displays the Return Reason Code as sent in pacs.004.001.10 message.

### Return Reason

System displays the return Reason based on the selected Return Code.

### Originator Bank IFSC

System displays the IFSC code of the originator of the transaction

### Originator Branch

System displays the name of the Originator Branch

### Originator Bank

System displays the name of the Originator bank.

## Network Reject Details

These fields are applicable while querying for a particular Return record which is rejected by the RBI/ Clearing centre.

### Reject Reference

System displays the Reject Reference details.

### Reject Received Date

System displays the date on which the network reject was received.

### Reject Code

System displays the network reject code.

### Reject Reason

System displays the reason for Network Reject.

## 5.2.3.1 NEFT Return Of Outbound Payment Summary

You can invoke the 'NEFT Return Of Outbound Payment Summary' screen by typing 'PTSOTRTN' in the field at the top right corner of the application toolbar and clicking the adjoining arrow button.

Authorization Status	Return Reference Number	Original Transaction Reference Number	Host Code	Transaction Branch	Transfer Currency	Transfer Amount	Debtor Account Number
----------------------	-------------------------	---------------------------------------	-----------	--------------------	-------------------	-----------------	-----------------------

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

- Authorization Status
- Return Reference Number
- Original Transaction Reference Number

- Transfer Currency
- Debit Account Number
- Credit Account Number
- Creditor IFSC Code
- Original Payment Type
- Original Transaction Type
- Originator Bank IFSC
- Return Reason Code
- Network Code
- Reject Code
- Reject Reference

Once you have specified the search parameters, click 'Search' button. The system displays the records that match the search criteria.

Double click a record or click the 'Details' button after selecting a record to view the detailed screen.

## 6. NEFT Reject Payments

### 6.1 NEFT - Network Rejects

This chapter contains the following sections:

- [Section 6.1.1, "N03 Transaction Summary View"](#)
- [Section 6.1.2, "N03 Message Processing"](#)

#### 6.1.1 N03 Transaction Summary View

You can view and process the N03 and N09 Reject messages, using this screen.

You can invoke 'N03 Transaction Summary View' screen by typing 'PTSN03TX' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.

The screenshot shows the 'N03 Transaction Summary View' application window. At the top, there are buttons for 'Search', 'Advanced Search', 'Reset', and 'Clear All'. Below these, a 'Case Sensitive' checkbox is present. The main area contains several search filters: 'Generated Reference Number', 'Original Transaction Reference', 'Matched Status' (a dropdown), 'Batch Number', 'Authorization Status' (a dropdown), 'Message Reference Number', 'Message Type' (a dropdown), 'Value Date' (a date field with a calendar icon), 'Received Date' (a date field with a calendar icon), 'UTR Reference Number', 'Reject Code', 'Amount', and 'Process Status' (a dropdown). Below the filters, there is a table with columns: 'Generated Reference Number', 'Message Reference Number', 'N03/N09 Reference Number', 'UTR Reference Number', 'Original Transaction Reference', 'Message Type', 'Reject Code', 'Reject Reason', 'Reject Type', 'Matched Status', 'Value Date', 'Amount', and 'Bal'. The table is currently empty. At the bottom, there are buttons for 'View Transaction', 'Regenerate Message', 'Reject Transactions', 'Authorize', 'Delete', and 'View Queue Action'. An 'Exit' button is located in the bottom right corner.

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

- Generated Reference Number
- Original Transaction Reference
- Matched Status
- Batch Number
- Authorization Status
- Message Reference Number
- Message Type
- Value Date
- Received Date
- UTR Reference Number
- Reject Code
- Amount
- Process Status

You can perform following actions:

- View Transaction

- Regenerate Messages
- Reject Messages
- Authorize
- Delete
- View Queue Action

### 6.1.2 **Pacs.002.001.11 - NEFT RBI Reject of Outbound Payment (pacs.008.001.09)/Outbound Return (Pacs.004)**

System will parse the incoming pacs.002 reject message having group of outgoing payment transactions bundled in a single message.

The pacs.008.001.09 parent transaction is fetched based on following matching fields:

Pacs.002.001.11 tags	pacs.008.001.09 tags
Original End to End Identification <OrgnlEndToEndId>	End To End Identification <End-ToEndId>
Original Transaction Identification <OrgnlTxId>	Transaction Identification <TxId>

The Pacs.004 parent transaction will be fetched based on following matching fields:

Pacs.002.001.11 tags	pacs.004.001.10
Original End to End Identification <OrgnlEndToEndId>	End To End Identification <End-ToEndId>
Original Transaction Identification <OrgnlTxId>	Transaction Identification <TxId>

System checks the tag Transaction Status <TxSts> and Rejection Code <Rsn><Cd>.

In case of Reject: Transaction Status is RJCT

In case of rescheduling: - Transaction Status is ACWP (Accepted without posting)

If the reject code is of 'Reschedule' type & matched transaction is of pacs.008.001.09:

- The original outgoing payment transaction message status is marked as 'Rescheduled'.
- No further action is required on the original transaction.
- Transactions in the 'Rescheduled' message status is allowed for further processing in its life-cycle (Return, Credit Done).
  - Network Reject details are updated with Reject Reference, Reject Code, Rejection Reason for the original Outgoing transaction.
  - This can be viewed under Exception tab of the Outgoing transaction - View Screen.

PPTDOVIEW ->Exception Tab	Pacs.002.001.11 tags
Reject/Reschedule Reference	Status ID <StsId>
Reject/Reschedule Date	<CreDtTm>
Reject/Reschedule Code	Reason Code<Rsn><Cd>

If the reject code is of 'Reschedule' type & If the matched transaction is of pacs.004:

- The return transaction (pacs.004) message status is updated as 'Return Rescheduled'.
- Network Reject details are updated with Reject Reference, Reject Code, Rejection Reason (as per N03 Mapping) for the Inward Return- Network Reject.
- This can be viewed in the Incoming - View Screen. Mapping same.
- No further action is required on the return transaction.

If the reject code is of Reject type -

- When user clicks the 'Process NAK' option from NEFT Inbound Message Browser (PTSINBRW), system launches N03 Transaction Summary View Screen (PTSN03TX) screen.

### 6.1.3 **Pacs.002.001.11 - NEFT Clearing Centre Reject of Inbound Payment (Pacs.008.001.09)**

System checks the tag Transaction Status <TxSts> and Rejection Code <Rsn><Cd> received in pacs.002 message. In case of Reject: Transaction Status is RJCT.

The pacs.008.001.09 parent transaction is fetched based on following matching fields:

Pacs.002.001.11 tags	pacs.008.001.09 tags
Original End to End Identification <OrgnlEndToEndId>	End To End Identification <End-ToEndId>
Original Transaction Identification <OrgnlTxId>	Transaction Identification <TxId>

System checks if the parent transaction is Inward Credit pacs.008.001.09.

- If the Parent transaction is inbound pacs.008.001.09 then system follows following:
  - System checks if camt.054.001.08 (End of Batch) message is received for the batch in which the inbound pacs.008.001.09 message is received
  - If N04 message is not received, then system marks the pacs.008.001.09 status as 'Rejected'.
  - Reject code details are populated on screen NEFT Incoming View Detailed (Function ID: PTDIVIEW) under 'Exception' tab -> Network Reject / Reschedule Details section.

- Account posting reversal is not required since EOB is not received for pacs.008.001.09.
- If EOB message is received prior to pacs.002 message, then no action to be taken further on pacs.008.001.09 message.

#### **6.1.4 Notification Support**

Notification is generated on successful processing of Reject of outbound payments.



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## 7. Function ID Glossary

### P

PADOTRTN ..... 5-7  
PMDCSADV ..... 3-21, 4-14  
PQSPRCUQ ..... 3-26  
PTDINRTN ..... 5-4  
PTDITONL ..... 4-1  
PTDIVIEW ..... 4-9  
PTDMNN04 ..... 4-27  
PTDNAKPR ..... 3-33  
PTDOTONL ..... 3-1  
PTDOVIEW ..... 3-16

PTSINBRW ..... 4-26  
PTSINRTN ..... 5-6  
PTSITONL ..... 4-8  
PTSIVIEW ..... 4-16  
PTSMNN04 ..... 4-29  
PTSN03TX ..... 6-1  
PTSNFN04 ..... 4-22  
PTSOTONL ..... 3-15  
PTSOTRTN ..... 5-9  
PTSOUTBR ..... 3-32  
PTSOVIEW ..... 3-22