

Oracle® Banking Payments

Bulk File Handling User Guide



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1

Preface

- [Purpose](#)
- [Audience](#)
This manual is intended for the following User/User Roles:
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Conventions](#)
- [Related Resources](#)
- [Screenshot Disclaimer](#)
- [Acronyms and Abbreviations](#)
- [Basic Actions](#)
- [Symbols, Definitions and Abbreviations](#)
The following are some of the Symbols you are likely to find in the manual:

1.1 Purpose

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

1.2 Audience

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

Table 1-1 User Roles

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

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>.

Access to Oracle Support

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

1.4 Critical Patches

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

1.5 Diversity and Inclusion

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

1.6 Conventions

The following text conventions are used in this document:

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

1.7 Related Resources

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

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

1.8 Screenshot Disclaimer

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

1.9 Acronyms and Abbreviations

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

Table 1-2 Acronyms and Abbreviations

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

1.10 Basic Actions

The basic actions performed in the screens are as follows:

Table 1-3 Basic Actions

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

Table 1-3 (Cont.) Basic Actions

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

1.11 Symbols, Definitions and Abbreviations

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

Table 1-4 Symbols

Icons	Function
	Exit
	Add row
	Delete row
	Option List

Table 1-5 Common Icons and its Definitions

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

2

Bulk File Processing

Oracle Banking Payments supports processing of bulk files received from corporate customers containing mixed workload in ISO pain.001 format. Payment request can be for any of the following payment types:

- Domestic Low Value Payment (SEPA CT / Generic ACH CT)
- Domestic High Value Payment (RTGS)
- Cross-Border Payment
- Faster Payments (SEPA Instant)
- Book Transfer
- Instrument Issue

User can upload and process files received from corporate customers containing bulk payment initiation requests in pain.001 format. User can maintain customer preferences for bulk file handling. Bulk files are parsed, validated and processed so that payments are forwarded to appropriate Networks.

On processing the batches received in a bulk file, the batch amount is blocked in the debit account upfront. The rejected payments are reversed individually, once the consolidated debit posting is done.

- [Bulk File Maintenances](#)
- [pain.001 File Processing](#)
- [Status Reports](#)
- [Batch Cancellation](#)

2.1 Bulk File Maintenances

- [Batch Processing Preferences](#)
- [Batch Validations Maintenance](#)
- [Payments Seed Job Parameter Detailed](#)
- [pain.002 Reason Code Mapping](#)
- [Bulk File Volume Based Pricing Summary](#)
- [Bulk Single Payment Summary](#)

2.1.1 Batch Processing Preferences

This is a Host level maintenance. User can specify the time interval to process a batch, Job Execution intervals and Cutoff time for the Networks here. This function ID is not available in Application, so screen is not updated.

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

Batch Processing Preferences Detailed screen is displayed.

Figure 2-1 Batch Processing Preferences Detailed

2. Click **New** button on the Application toolbar.
3. On **Batch Processing Preferences Detailed** screen, specify the fields.

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

Table 2-1 Batch Processing Preferences Detailed - Field Description

Field	Description
Host Code	System displays the Host Code of selected branch of the logged in user on clicking 'New' button.
Network Code	Specify the Network Code in the multi grid block. Select the specific Network for which the cutoff check happens based on the time interval specified here.
Network Time Zone	For the Networks for payment type 'ACH CT', the time zone is defaulted from Dispatch Preferences (PMDACHDS).  Note: For other Networks SEPA CT/ NACHA / Book Transfer, you can specify from list of values. All valid Time Zones are listed for the field.
Network Cutoff Time	System displays the Network cutoff time based on the Network Maintenance.

Table 2-1 (Cont.) Batch Processing Preferences Detailed - Field Description

Field	Description
Network Extended Cutoff Time	System displays the Extended Network cutoff time maintained in Dispatch Preferences (PMDACHDS) for Networks of payment type 'ACH CT'. Extended cutoff time for Batches' can be maintained only if Extended cutoff is maintained for the Network in Dispatch Preferences (PMDACHDS). 'Extended cutoff time for Batches' can be maintained only if Extended cutoff is maintained for the Network in Dispatch Preferences (PMDACHDS).  Note: For other Networks, the fields 'Extended Cutoff Time for Batches' and 'Extended Network Cutoff' are not applicable.
Network Description	System defaults the description on the Network Code selected.
Batch Cutoff Time Preferences	--
Cutoff Time for Batches	Specify the Cut off time in HH:MM format. This is the time for Job processing cutoff. After the specified time, any transaction/batch that is approved, will be moved to warehouse Queue and is initiated on next working day
Extended Cutoff Time for Batches	Specify the Extended cutoff time for batches as per the Network Time Zone. System validates that the 'Extended Cutoff Time' maintained is later than the 'Cutoff time for Batches'
Job Execution Preferences (in Minutes)	-
Pending Batch Job	Specify the Job Execution Interval in minutes for the Pending Batch Job. System creates new consol for success / failed / seized transactions every 'n' minutes as specified in the 'Pending Batch Job' till the cutoff time specified. This is done, post Wait time for batch processing is completed.
Warehouse Pending Batch Job	Specify the Job Execution Interval in minutes for the Warehouse Pending Batch Job based on which the pending transactions are picked from the warehouse queue.  Note: Warehouse pending batch, are the transactions that are pushed to queue after the breach of cutoff time. The transactions that are approved post cutoff time is also moved to warehouse queue

Table 2-1 (Cont.) Batch Processing Preferences Detailed - Field Description

Field	Description
Wait-time for Delinking Pending Transactions	Specify the wait time for the Batch process to get completed. Post the specified wait time, when the batch is completed, system validates the batch file transactions. Following scenarios are possible post batch processing: - The transactions that are successfully processed are further sent for liquidation and is split as new batch. - The transactions that are pending will remain in the Original Consol. All failed/success/ seized transactions are created as a new consol and is processed again based on the interval specified in 'Pending batch Job'.

- [Duplicate Check Fields](#)
- [Batch Processing Preferences Summary](#)

2.1.1.1 Duplicate Check Fields

You can capture Duplicate Check Fields information.

1. Click on **Duplicate Check Fields** link present at the bottom of Batch Processing Preferences Detailed screen.

Duplicate Check Fields sub-screen is displayed.

2. On **Duplicate Check Fields** screen, specify the fields.

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

Table 2-2 Duplicate Check Fields - Field Description

Field	Description
Duplicate Check Fields	:
Field Name	The fields/criteria based on which duplicate check has to be performed for Batch Processing is defined here. System will validate for duplicate transactions for the values defined here. Select the Field Name from the factory shipped values. Following are the List of values available: - BATCH_ID (Batch ID) - COMPANY_ID (Company Identification) - CTRL_SUM (Control Sum) - DBTR_ACC_CCY (Debtor Account Currency) - SOURCE_CODE (Source Code) - TXN_COUNT (Transaction Count)
Description	Description of the Field Name selected is displayed here.

2.1.1.2 Batch Processing Preferences Summary

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

Batch Processing Preferences Summary screen is displayed.

Figure 2-2 Batch Processing Preferences Summary

2. Search using one or more of the following parameters:
 - Authorization Status
 - Record Status
 - Pending Batch Job
 - Warehouse Pending Batch Job
 - Wait Time for Batch processing (in minutes)
3. Once you specified the parameters, click the **Search** button.
System displays the records that match the search criteria.
4. Double click a record after selecting a record to view the detailed screen.

2.1.2 Batch Validations Maintenance

The Batch Validations Maintenance screen allows user to maintain the Batch duplicate check parameters and Back value allowed days.

1. On Homepage, specify **PMDBTVAL** in the text box, and click next arrow.
Batch Validations Maintenance screen is displayed.

Figure 2-3 Batch Validations Maintenance

2. Click **New** button on the Application toolbar.
3. On **Batch Validations Maintenance** screen, specify the fields.
For more information on fields, refer to the field description below:

Table 2-3 Batch Validations Maintenance - Field Description

Field	Description
Host Code	System displays the Host Code of selected branch of the logged in user on clicking 'New' button.
Origination File Type	Select the Origination File Type from following: • Debit • Credit
Back Value Allowed Limit Days	Specify the number of days for which back value date can be allowed for Requested execution date.
Batch Duplicate Check Fields	--
Field Name	Specify the Filed Name from the list of values
Field Description	This filed displays Field Description, when Filed Name is selected.

- [pain.002 Preferences](#)
- [Pricing Preferences](#)
- [Batch Validations Maintenance Summary](#)

2.1.2.1 pain.002 Preferences

The pain.002 Generation Preferences screen allows user to capture Duplicate Check Fields information.

1. Click **pain.002 Preferences** button at the bottom of Batch Validations Maintenance screen.
pain.002 Generation Preferences sub-screen is displayed.

Figure 2-4 pain.002 Generation Preferences

The screenshot shows the 'pain.002 Generation Preferences' window. It has a title bar with a close button. The main area is divided into several sections. The top section has 'Host Code' and 'Origination File Type' (set to 'Debit'). Below that is the 'pain.002 Preferences' section with 'Connectivity Type' (set to 'Folder') and 'Pain.002 generation periodicity (in Minutes)'. The 'Folder Preferences' section includes 'Folder Path' and 'File Name Definition', both with folder selection icons. The 'REST Preferences' section includes 'Service Profile', 'Header Profile', 'REST URL', and 'Token URL', each with a magnifying glass icon for search. At the bottom right, there are 'Exit' and 'Save' buttons.

2. On **pain.002 Generation Preferences** screen, specify the fields.
For more information on fields, refer to the field description below:

Table 2-4 pain.002 Generation Preferences - Field Description

Field	Description
Host Code	System defaults this field from the maintenance screen.
Original File Type	System defaults this field from the maintenance screen.
pain.002 Preferences	--
Connectivity Type	Select the Connectivity Type from the following: - Folder - ReST
Pain.002 generation periodicity (In Minutes)	Specify the Date and Time in the YYYYMMDDHHMMSSSSS format.
Folder Preferences	--
Folder Path	Specify the Folder Path. File path is given for the main Folder. 'init' and 'completed' sub folders are to be maintained within the main folder.
File Name Definition	File Name Definition is defaulted as <FILE_NAME_PAIN001><DATE_PAIN002><TIME_PAIN002>.
REST Preferences	--
Service Profile	Specify Service Profile from the list of values.
Header Profile	Specify the Header Profile to link with Header Profile .
REST URL	Specify the REST endpoint of the consumer application.
Token URL	Specify the consumer application authentication token url for consumer application.

2.1.2.2 Pricing Preferences

1. Click **Pricing Preferences** button at the bottom of Batch Validations Maintenance screen. **Bulk File Pricing** sub-screen is displayed.

Figure 2-5 Bulk File Pricing

The screenshot shows a web-based form titled "Pricing Codes" with a close button (X) in the top right corner. The form contains several input fields and labels:

- Host Code**: A text input field.
- Origination File Type**: A text input field.
- Debit**: A text input field.
- Pricing based on Number of Transactions**: A text input field with a search icon (magnifying glass) to its right.
- Pricing based on Total Amount**: A text input field with a search icon (magnifying glass) to its right.
- Reject Pricing (per transaction)**: A text input field with a search icon (magnifying glass) to its right.

At the bottom right of the form, there are two buttons: **Exit** and **Save**.

2. On **Bulk File Pricing** screen, specify the fields.
For more information on fields, refer to the field description below:

Table 2-5 Bulk File Pricing - Field Description

Field	Description
Host Code	System defaults this field from the maintenance screen.
Original File Type	System defaults this field from the maintenance screen.
Pricing Codes	--
Pricing based on Number of Transactions	Specify the Pricing based on Number of Transactions from the list of values. All valid pricing codes maintained for the Host are listed.
Pricing based on Total Amount	Specify the Pricing based on Total Amount from the list of values. All valid pricing codes maintained for the Host are listed.
Reject Pricing (per transaction)	Specify the Reject Pricing from the list of values. All valid pricing codes maintained for the Host are listed.

2.1.2.3 Batch Validations Maintenance Summary

- On Homepage, specify **PMSBTVAL** in the text box, and click next arrow.
Batch Validations Maintenance Summary screen is displayed.

Figure 2-6 Batch Validations Maintenance Summary

The screenshot shows the 'Batch Validations Maintenance Summary' screen. At the top, there's a title bar with search icons and a 'Records per page' dropdown set to 15. Below the title bar, there's a search section with a 'Search (Case Sensitive)' dropdown and three filter fields: 'Authorization Status', 'Record Status', and 'Origination File Type'. Underneath these filters is a 'Search Results' section with a 'Lock Columns' dropdown set to 0. The search results table has five columns: 'Authorization Status', 'Record Status', 'Host Code', 'Origination File Type', and 'Back Value Allowed Limit Days'. The table is currently empty, showing 'No data to display.' At the bottom, there's a pagination bar showing 'Page 1 of 1' and navigation icons. An 'Exit' button is located at the bottom right corner.

- Search using one or more of the following parameters:
 - Authorization Status
 - Record Status
 - Origination File Type
- Once you specified the parameters, click the **Search** button.
System displays the records that match the search criteria.
- Double click a record after selecting a record to view the detailed screen.

2.1.3 Payments Seed Job Parameter Detailed

The Payments Seed Job Parameters screen allows user to configure Start and End Time for an auto job related to bulk file processing.

- On Homepage, specify **PMDSJBPR** in the text box, and click next arrow.
Payments Seed Job Parameters Detailed screen is displayed.

Figure 2-7 Payments Seed Job Parameters Detailed

- Click **New** button on the Application toolbar.
- On **Payments Seed Job Parameters Detailed** screen, specify the fields.

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

Table 2-6 Payments Seed Job Parameters Detailed - Field Description

Field	Description
Host Code	System displays the Host Code of selected branch of the logged in user on clicking 'New' button.
Execution Branch	The branch selected in this field is used for checking the local branch holidays for deriving the next execution date for the job. Any valid branch linked to the Host can be selected.
Job Code	Select the job code from the following list: - C2B_HYBRID_FUTURE_JOB - Job code for future valued transactions - C2B_HYBRID_NETWORK_RESOLUTION_JOB - Job code for Network resolution transaction - C2B_HYBRID_POST_WAIT_PENDING_JOB - Job code for post wait pending job - C2B_HYBRID_PRE_WAIT_PENDING_JOB - Job code for pre wait pending job - C2B_PAIN002_GENERATION_JOB - Job code for generation of periodic pain.002 file
Job Description	This is defaulted based on the selected code.
Job Control	Select from the list of values displayed. Options are - Automatic / Manual.
Start Time	Specify the Start Time for the auto job configured.
End Time	Specify the End Time for the auto job configured.
Running	System defaults the value as 'N' to indicate if the job is running or not.

- [Payments Auto Job Parameters Summary](#)
- [Other Maintenances](#)

2.1.3.1 Payments Auto Job Parameters Summary

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

Payments Seed Job Parameters Summary screen is displayed.

Figure 2-8 Payments Seed Job Parameters Summary

Payments Seed Job Parameters Summary

Search Advanced Search Reset Clear All Records per page: 15

Search (Case Sensitive)

Authorization Status: [dropdown] Record Status: [dropdown] Execution Branch: [text input]

Job Code: [text input]

Search Results

Authorization Status	Record Status	Execution Branch	Host Code	Job Code	Job Control	Job Description	Start Time	End time	Running
No data to display.									

Page: 1 0/1 [navigation icons]

Exit

2. Search using one or more of the following parameters:
 - Authorization Status
 - Record Status
 - Execution Branch
 - Job Code
 - Job Control
3. Once you specified the parameters, click the **Search** button.
System displays the records that match the search criteria.
 - Authorization Status
 - Record Status
 - Execution Branch
 - Host Code
 - Job Code
 - Job Control
 - Job Description
 - Start time
 - End Time
 - Running
4. Double click a record after selecting a record to view the detailed screen.

2.1.3.2 Other Maintenances

Other common maintenances that are required for Bulk File Handling are as follows:

- File Parameters Detailed (PMDFLPRM)
- Customer Preferences Detailed (PMDFLPRF)

- Network Rule Detailed (PMDNWRLE)
- System Parameters (PMDSYSPM)

**Note:**

C2B_FLOW file path to be specified as H (Hybrid) for C2B Hybrid flow in System Parameters screen.

For more details on these screens, refer to Payments Core User Guide.

2.1.4 pain.002 Reason Code Mapping

The pain.002 Reason Code Mapping screen allows user to link the system error codes with the valid reason codes. This is a common maintenance screen for group / batch / transaction level status.

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

pain.002 Reason Code Mapping screen is displayed.

Figure 2-9 pain.002 Reason Code Mapping

2. Click **New** button on the Application toolbar.
3. On **pain.002 Reason Code Mapping** screen, specify the fields.

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

Table 2-7 pain.002 Reason Code Mapping - Field Description

Field	Description
Error Code	Select the Error Code from the list of values that is to be mapped with the Reason code.
Error Description	System defaults the description for the error code selected.
Reject Code	Select the code from the list of values. ISO reject codes available in External reason codes are listed here.
Reject Reason	System defaults the Reason for the Reject Code selected.

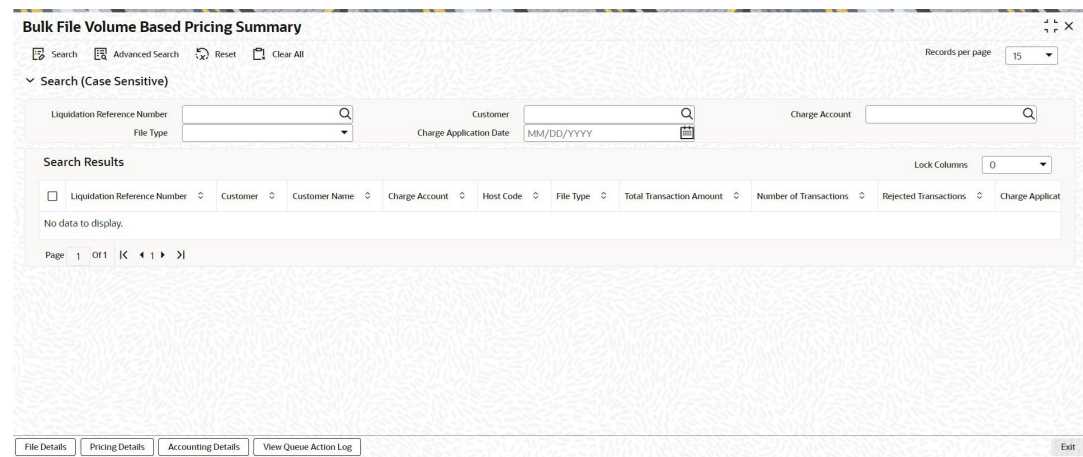
Table 2-7 (Cont.) pain.002 Reason Code Mapping - Field Description

Field	Description
Reason Proprietary	Specify the proprietary reason, when ISO Code is not selected in Reject Code. In this case, you can specify the proprietary reason. Maximum of 35 characters are allowed to enter. And the Reject Reason can be manually entered.
	 Note: It is mandatory to provide either reason code or reason proprietary. Both cannot be provided for the same record.

2.1.5 Bulk File Volume Based Pricing Summary

- On Homepage, specify **PMSFILPR** in the text box, and click next arrow.
Bulk File Volume Based Pricing Summary screen is displayed.

Figure 2-10 Bulk File Volume Based Pricing Summary



- Search using one or more of the following parameters:
 - Liquidation Reference Number
 - File Type
 - Customer
 - Charge Application Date
 - Charge Account
- Once you specified the parameters, click the **Search** button.
System displays the records that match the search criteria.
- Double click a record after selecting a record to view the detailed screen.
- Perform the following actions:

Action	Description
File Details	This action opens File Details screen for which the liquidation reference is applicable.
Pricing Details	This actions opens respective Pricing Details screen with pricing entries that are liquidated.
Accounting Details	This action is for Accounting Entries.
View Queue Action Log	This action opens View Queue Action Log sub screen.

2.1.6 Bulk Single Payment Summary

The Bulk Single Payment Summary screen allows user to view the requests received through bulk SPS service.

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

Bulk Single Payment Summary screen is displayed.

Figure 2-11 Bulk Single Payment Summary

2. Search using one or more of the following parameters:
 - Host Code
 - File Reference No
 - Status
 - Source File Reference Number
 - Transaction Branch
 - Upload Date
3. Once you specified the parameters, click the **Search** button.
System displays the records that match the search criteria.
4. Double click a record after selecting a record to view the detailed screen.

2.2 pain.001 File Processing

- [pain.001 Batch Processing](#)
- [Batch Processing of transactions](#)
- [Future Dated Batch Processing](#)
- [Corporate File Browser](#)
- [Batch Booking Browser](#)
- [Bulk File Summary](#)
- [Bulk File Batch Summary](#)
- [Bulk File Consolidated Batch Summary](#)
- [Batch File Batch Payment Summary](#)

2.2.1 pain.001 Batch Processing

- Batches belonging to multiple customers are allowed within the same file.
- pain.001 files to be uploaded are placed in the respective folder (EMS) with a valid format in the respective Host folder.
- Batch IDs (the ID received in the tag PaymentInformationIdentification <PmtInfId> of pain.001) provided in the file remains linked to each transaction record till the end of the payment life cycle. It is available as a transaction level information for view and query.
- <MsgID> and <PmtInfId> specified in the file upload is unique and is referred till the job is success.
- [File Handling & parsing](#)
- [Network Resolution](#)
- [Batch Re-grouping](#)
- [Date Resolution & Process cutoff check](#)
- [Exchange Rate Fetch & Amount block](#)
- [Credit Approval Check](#)
- [Payment Processing for Individual Transactions](#)

2.2.1.1 File Handling & parsing

System parses the bulk file received in pain.001 format. Before processing the batches, following check are performed:

- File Format
- Number of transactions (both file level and batch level)
- Control Sum

Control sum as available in the Group header (file level) & PaymentInformation <PmtInf> (batch level) is considered for the check. Since these are optional fields, if the tag is not available for the file / batch, this check is skipped.

All transactions in a batch should have the same transfer currency. System rejects the file, if this validation fails.

Each batch undergoes the following checks:

- Customer / Debit account status check for statuses which are not overridable:

- Customer status ->closed
- Account status ->closed

In case of exceptions/failures batch is moved to process exception (PE) queue. Batch can be reprocessed from the Process Exception queue or can be cancelled.

- Batch duplicate check

This will be done based on the following parameters:

- Batch ID, Co ID - Co ID received in the payment request CstmrCdtTrfIntr / PmtInf / Dbtr / Id / OrgId/OthrId/SchmeNm/Prtry(
- Control sum – the control sum at Batch ID level split by transfer currency
- Currency pair –The debit account currency and CurrencyOfTransfer <CcyOfTrf> will be considered. If account is provided as IBAN, system will find the corresponding account for fetching the debit account currency
- Item count –Item count available for Batch ID split by transfer currency

Duplicate days is considered based on the information available in Batch Processing Preferences.

If system found duplicate batch, it moves to Business Override Queue. The batch can be approved or cancelled from the queue.



Note:

Carry forward action for batches are restricted for batches from Business Override Queues.



Note:

Transaction records are segregated to Urgent and Nonurgent batches before Batch duplicate check. In case of any failure in Duplicate check, the error details can be viewed in Batch Booking Browser Detailed (PMDBATBR) screen - Consolidated Batches section for the respective consolidated Batch.

2.2.1.2 Network Resolution

Network resolution is done for each payment record within a batch for channel type 'C2B'. This is based on the rules defined in Network Rule maintenance 'PMDNWRLE'. Based on the linked payment type, payments are marked as urgent or Non-urgent payments.

Urgent/ Non-urgent Batch:

- Urgent payments are not processed as batches. Each payment record in the batch is processed as an individual record.
- In Urgent payments, transactions for the Network - Cross-Border, High Value Payments and Book Transfer, are processed immediately and all the checks for the individual

transactions are done. Upon all the checks and verifications, new transactions are created in the respective networks.

- Book transfers can be configured as Urgent or non-urgent payments based on system parameter C2B_BOOK_TFR_PMT_CATEGORY maintained as U or N.

 Note:

Both current & future dated transactions will be sent for processing. And post SC future dated transactions are moved to Warehousing Queue.

- Non – urgent payments such as Domestic Low value Payments, are processed as batches irrespective of the Batch booking tag value in the incoming file.
- If the Network resolution fails, the transaction is moved to Network Resolution Queue. From this queue Network ID is provided manually.

2.2.1.3 Batch Re-grouping

For Batches where Batch booking is applicable, re-grouping of the payment requests are done based on the following parameters:

- Network
- Transfer Currency
- CO ID
- FX reference (if available as part of CreditTransferTransactionInformation <CdtTrfTxInf>

New console reference is generated for each re-grouped batch. Original Batch ID is retained after re-grouping for tracking.

Further processing is done at the re-grouped batch level.

2.2.1.4 Date Resolution & Process cutoff check

The requested execution date for all transactions within a batch is same and this date is considered as the instruction date. Activation date is derived based on the instruction date.

Debit currency / Credit currency / Network holiday checks are applied to Instruction date as applicable for the payment type. Branch holiday check is done on the activation date if the same is applicable for the Network.

After deriving the dates, if the activation date falls on current date, process cut off check is done for the batch based on the cutoff time maintained in Payment Processing Cutoff Time screen(PMDCTOFF).

Release, cancel options is available for the batch from Process cut off queue.

2.2.1.5 Exchange Rate Fetch & Amount block

For current dated batches, exchange rate fetch is done. Internal rates are fetched for the batch if the batch amount is below the FX limit maintained in customer preferences. If batch transfer currency is different from the limit currency maintained, the batch amount will be converted to limit currency amount using the midrate between the currencies.

If the batch amount is more than limit amount, the batch details are sent for External rate fetch if External Rate fetch is applicable for the customer. When the criteria is not met, it moves to Exchange Rate Queue and carry forward/cancel/retry is manually initiated.

If FX reference number is available as part of the payment request, the same is sent to external system.

If no FX reference is available in the request and if the FX reference returned by the external system, the same is stored for the batch.

2.2.1.6 Credit Approval Check

The total batch amount along with other payment details is sent to DDA system for Customer/ account validation, balance check and amount block in debit account.

If the amount block is a success, the ECA reference received is stored for the batch and the individual payments in the batch are sent to the payment processor for further processing.

If a batch is released from ECA queue on a later date, rollover preference for queues is applied based on Outbound Non-urgent Payment Preferences maintained for the source, CoID and debit account.

The interim/timed-out responses received are moved to ECA Queue and from this queue, we can manually initiate - Resend/Cancel/Carry Forward/ Approve actions.

If cancellation is done, FX unwind request is sent.

2.2.1.7 Payment Processing for Individual Transactions

The following processing steps are completed for each payment:

Payment validations resulting in Process Exception, Repair or Business Override

Since the status validations for customer/debit account are already done at batch level, this is not be repeated again while processing individual transactions for current dated batches. For book transfers, credit account status validations are done.

Sanction Check

User can process sanction seizure for an individual transaction. Credit accounting will be to seizure GL in such cases. Messaging is not be applicable.

Charge Calculation

If a charge account is provided in the payment request the same is used for debiting the charges. If not available in the request the charge claim account maintained in customer preferences PMDFLPRF is used as debit amount for charges. If no preference is available transaction debit account is the charge account as well.

No amount block is done for charge accounting. Charges are force posted.

EAC Check for Credit Accounts in Book Transfers

The individual payment processing completion updates status of payment as one of the following:

- Success - All processing steps listed above are completed
- Cancelled - Payment is cancelled from any of the exception queue
- Seized - Sanction seizure applied to the payment
- Pending - Payment is pending in an exception queue

**Note:**

For ACH CT transaction received in Bulk file, carry forward action from transaction exception queues are restricted, as date change is linked to the consolidate batch.

2.2.2 Batch Processing of transactions

A batch is closed and Network cutoff check/ accounting are done if

- All transactions are processed successfully.

OR

- Processing preferences is completed ahead of Host network cutoff or completion of the wait time configured in Batch.

For example, a file is received at 10 a.m. and another file at 2.30.p.m. Wait time for Batch Processing maintained is 2 hours and Host network cutoff is @3.45.

- If all transactions are not processed successfully for the first file, @ 12.p.m, system segregates the successful transactions from the parent batch and creates a child batch. This batch of successful transactions are processed further. The pending transactions remain in the original batch.
- For the second batch wait time ends at 4.30 p.m. Since the Host network cutoff is earlier to this, the segregation of successful transactions to a new batch happens at 3.45.
- [Batch processing of Successful transactions](#)
- [Pending Transactions](#)
- [Rejected transactions handling](#)
- [Seized transactions handling](#)

2.2.2.1 Batch processing of Successful transactions

- If all transactions shows 'Success' status, Network cutoff is checked for the batch based on the time maintained in Network maintenance (PMDNWMNT).
- If cutoff time is over, the payment is moved to Network Cutoff Queue. Force release, Cancel & carry forward actions is possible from Network Cutoff queue.
- If a batch is cancelled from Network Cutoff queue, unwind requests for FX and ECA are sent.
- Debit accounting is applicable for successfully completed transactions only. Consolidated/ Itemsised entries are posted based on Batch booking tag value or NonUrgent preferences maintained.

The debit amount and entries posted will be consolidated if

- Batch Booking tag value in the incoming file for the Batch ID is 'True'
- OR
- If Batch Booking tag is not available for the Batch ID, in the Non urgent payment preferences, 'Batch debit accounting' field value set as 'Consolidated'.

The debit amount and entries posted will be Itemised if

- Individual debit entries are posted if Batch Booking tag in the file for the Batch ID is set as 'False' or if the tag is not available for the Batch ID, then in the Non urgent payment preferences, 'Batch debit accounting' field value set as 'Itemized'.
- Credit amount is always be passed for accounting as consolidated batch amount irrespective of the debit accounting preference.
- ECA reference is mentioned for the consolidated debit amount / transaction debit amount only. Charges are sent with Force Post flag as 'Yes'.
- On completion of accounting the transactions are released from batch for messaging and dispatch file generation.

2.2.2.2 Pending Transactions

Whenever successful transactions are sent for processing generating a new batch, the pending transactions will remain in the original batch.

The pending batch is checked again for successful transactions at regular intervals. This is achieved by configuring a job which can be run at pre-defined intervals. The time interval can be set in minutes.

The check for successful transactions will continue till the Host Network cutoff time is reached.

- If pending transactions are remaining in the batch even after reaching the Host network cutoff time, the batch is carried forwarded to next business day.
 - The pending transactions in the batch is triggered every 'n' minutes as maintained in Batch Processing Preferences (PMDBTPRF). This process continues till the Network Cutoff is reached.
- And the pending consolidated batch that are still pending/ approved after batch cutoff is moved to Warehousing queue.
- Processing of carried forward batches is explained under the section Future dated batch processing.

When a consolidated batch is carried forward due to batch cutoff validations, both FX and ECA are reversed and re-done when the batch is taken up for processing on Activation Date, and successful transactions are consolidated.

2.2.2.3 Rejected transactions handling

For each cancelled transaction, FX unwind request and Amount block reversal request is sent immediately on cancellation. This is processed at individual transaction level.

Every cancelled transaction for current date within a consolidation batch is part of the same reject batch. This reject batch form a place holder for all cancelled transactions, though processing is not batch -wise.

2.2.2.4 Seized transactions handling

If any transaction is moved to 'Seized' status from Sanction Queue during individual processing, a separate seized batch is created. Every seized transaction for current date within a consolidation batch is part of the same seized batch.

- The processing of a seized transaction is at individual transaction level. Accounting is posted debiting the customer account and crediting the seizure GL, if applicable.

2.2.3 Future Dated Batch Processing

Future dated batches are processed till sanction check on booking date itself. On value date, based on booking date processing, a separate batch is created for successful transactions. This batch is considered for value date processing.

Re-grouping of the pending/success/rejected batches are done. Then FX and amount block are done and transactions are sent for individual payment processing. The rest of the process flow remains same like a current dated batch.

The new job runs in regular intervals re-checking the transaction status of the transactions in the pending batches. The monitoring interval can be configured in minutes in Payments Auto Job Parameters (PMDSJBPR) based on the Pre wait/ Post wait job.

Note:

For carried forward batches it is required to be checked whether FX or ECA is already done. If done, the undo request for old amount will be included in the new request sent on value date.

2.2.4 Corporate File Browser

Corporate File Browser Screen is provided for users to view all the received pain.001 files. Batch IDs received in the file are stored for each batch processed and is available as a transaction level information for view and query.

1. On Homepage, specify **PMDUPDST** in the text box, and click next arrow.
Corporate File Browser screen is displayed.

Figure 2-12 Corporate File Browser

File Reference Number	Host Code
File Name	Message ID
Source Code	Transaction Branch
Number of Transactions	Upload Date
Control Sum	File Status
Status Report	Customer Number
Error Code	Error Description

2. Click **New** button on the Application toolbar.
3. Query the details by entering the File Reference Number. The file details are displayed by the system on executing the query.
 - Host Code

- File Name
 - Message ID
 - Source Code
 - Transaction Branch
 - Number of Transactions
 - Upload Date
 - Control Sum
 - File status –Accepted/Rejected
 - Status Report - pain.002 generated/dispatched
 - Customer Number
 - Error Code
 - Error Description
- [Viewing Corporate File Browser Summary](#)

2.2.4.1 Viewing Corporate File Browser Summary

1. On Homepage, specify **PMSUPDST** in the text box, and click next arrow.
Corporate File Browser Summary screen is displayed.

Figure 2-13 Corporate File Browser Summary

2. Search using one or more of the following parameters:
 - File Reference Number
 - File Reference ID
 - File Name
 - File Status
 - Transaction Branch
 - Message ID
 - Customer Number

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

System displays the records that match the search criteria.

- File Reference Number
- File Reference ID
- File Name
- File Status
- Transaction Branch
- Message ID
- Upload Date
- Customer Number
- Host Code
- Control Sum
- Source Code
- Status Report
- Number of Transactions

4. Double click a record after selecting a record to view the detailed screen.

Action Buttons

Click ' View Payments Message' action button in Corporate File Browser Summary screen to invoke In File Details.

Figure 2-14 View Payment Message

The screenshot shows a web application window titled "In File Details". At the top, there is a search bar with a magnifying glass icon and the text "Enter Query". Below the search bar, the window is divided into two main sections. The first section is labeled "File Reference ID" and contains a text input field. The second section is labeled "Message" and contains a large text area for displaying the message content. At the bottom right corner of the window, there is an "Exit" button.

Select a record in the Corporate File Browser Summary' screen 'PMSUPDST' and click on View Payment message button to view the message details.

2.2.5 Batch Booking Browser

The Batch Booking Browser screen allows user to view the batches received in a file. Also, you can view all the linked Consol batches by selecting a particular batch.

1. On Homepage, specify **PMDBATBR** in the text box, and click next arrow.
Batch Booking Browser Detailed screen is displayed.

Figure 2-15 Batch Booking Browser Detailed

Batch Booking Browser Detailed

Enter Query

Host Code
Transaction Branch
File Reference Number
File Name

Message ID
Source
Received Date
File Process Status

Process Status
Error Code
Error Parameter

Batch Details

☐ Batch Ref Number	Batch ID	No of Transactions	Control Sum	Batch Booking	Transaction Type	Requested Execution Date	Batch Status
No data to display.							

Page 1 (0 of 0 items) | < 1 >

Consol Details

☐ File Consol Ref no	Consol Status	Queue Code	Exchange Rate Status	DRLQ Status	CRLQ Status
No data to display.					

Page 1 (0 of 0 items) | < 1 >

View Batch Payments

View Accounting Entries View Batch Queue Action Log View Consol Queue Action Log Exit

2. Specify a valid File Reference Number and click on **Execute Query** button.
3. System defaults all the details pertaining to the batches and Console batches. Following are the details displayed:
 - Host Code
 - Transaction Branch
 - File Reference Number
 - File Name (Name of the pain.001 file uploaded)
 - Message ID (Is a unique ID for all the batches)
 - Source
 - Received Date
 - Process Status (Displays the Process status for all the batches)
 - Error Code
 - Error Parameter
4. On **Batch Booking Browser Detailed** screen, specify the fields.
 - For more information on fields, refer to the field description below:

Field	Description
Batch Details	--
Batch Ref Number	Displays the Batch Ref number for the multiple batches created.
Batch ID	Displays the unique Batch ID given in the pain.001 file before processing.
No of Transactions	Displays the no of transactions specified in each batch.
Control Sum	Displays the sum of transaction amount for the no of transactions specified in each batch
Transaction Type	Displays the type of transaction as - Debit/Credit

Field	Description
Requested Execution Date	Displays the date of execution date and it is the current date and its the date provided in <ReqdExctnDt>tag of pain001

5. Also the following details are displayed in the Batch Details grid:

- Batch Status
- Queue Code
- Network Resolution Status
- Co ID
- Customer No
- Debit Account
- Debit Account Branch
- Debit Account Currency
- Error Code
- Error Description

6. Consol Details

Following are the details displayed in the Consol Details grid:

- File Consol Ref No
- Consol Status (If the consol is success/cancelled/seized/moved to queue/Future dated)
- Queue Code
- Exchange Rate Status
- DRLQ Status (Debit Liquidation Status)
- CRLQ (Credit Liquidation Status)
- ECA Status (Credit Approval Status)
- Post Cutoff
- Debit Currency
- Total Debit Amount (sum of the transactions in the consol)
- Exchange Rate
- Payment Category (If its urgent/non-urgent)
- Payment Type (displays the respective payment types)
- Process Date
- FX Reference
- Network Code
- Error Code
- Error Description

7. Following view actions can be performed from this screen:

- [View Batch Payments](#)
- [View Accounting Entries](#)

- [View Batch Queue Action Log](#)
- [View Consol Queue Action Log](#)
- [View Batch Cancellation Details](#)

2.2.5.1 View Batch Payments

- You can view all the transactions in that batch and the selected consol by clicking the 'View Batch Payments' action tab present in the screen. All the details pertaining to that transaction can be viewed.

2.2.5.2 View Accounting Entries

- User can view the accounting entries for the selected Consol by clicking the 'View Accounting Entries' action tab present in the screen. Entries can either be consolidated or Itemised based on the preferences defined in the pain.001 file.

Figure 2-16 Accounting Entries

The screenshot shows a web application window titled "Accounting Entries". At the top, there is a search bar labeled "File Consol Ref no". Below this is a table with the following columns: Event Code, Transaction Date, Value Date, Account, Account Branch, Transaction Code, Dr/Cr, Amount Tag, Account Currency, Transaction Amount, Netting, and Offset Account. The table is currently empty, and a message "No data to display." is shown. Below the table, there is a pagination bar showing "Page 1 (0 of 0 items)" and navigation buttons. At the bottom of the window, there are two buttons: "Accounting Details" and "Exit".

2.2.5.3 View Batch Queue Action Log

- User can view all the queue actions for the selected batch by clicking the 'View Batch Queue Action Log' action tab present in the screen.

Figure 2-17 View Batch Queue Action Log

View Queue Action Log

New Enter Query

Batch Ref Number

Transaction Reference No	Action	Remarks	Queue Code	Authorization Status	Maker Id	Maker Date Stamp	Checker ID	Checker Date Stamp	Queue
No data to display.									

Page 1 (0 of 0 items) |< < 1 > >|

Audit Exit

2.2.5.4 View Consol Queue Action Log

User can view all the queue actions for the selected Consol by clicking the 'View Consol Queue Action Log' action tab present in the screen.

- For the queue actions listed, you can view the request sent and response received, by clicking the 'View Request Message' and 'View Response Message' action buttons respectively.

Figure 2-18 View Consol Queue Action Log

View Consol Queue Action Log

Enter Query

Consol Reference Number

Transaction Reference No	Action	Remarks	Queue Code	Authorization Status	Maker Id	Maker Date Stamp	Checker ID	Checker Date Stamp	Queue
No data to display.									

Page 1 (0 of 0 items) |< < 1 > >|

Audit Exit

2.2.5.5 View Batch Cancellation Details

You can view all the cancelled transactions and its details for the batch, by clicking the **View Batch Cancellation details** action tab present in the screen. Also, you can view the batch cancellations uploaded through pain.007 file in this screen.

2.2.6 Bulk File Summary

1. On Homepage, specify **PMSBATBR** in the text box, and click next arrow.
Bulk File Summary screen is displayed.

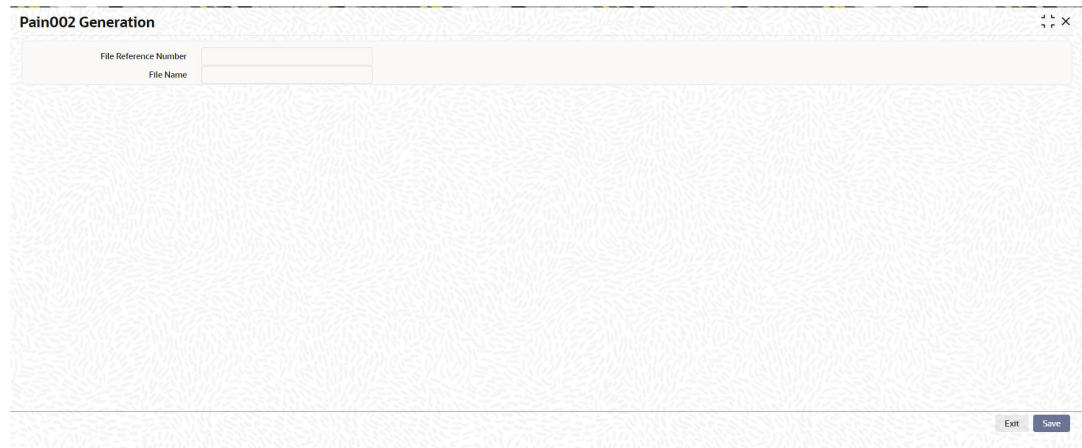
Figure 2-19 Bulk File Summary

2. Search using one or more of the following parameters:
 - File Reference Number
 - File Name
 - Transaction Branch
 - Message ID
 - Received Date
 - Process Status
 - File Consolidation Status
 - File Type
3. Once you specified the parameters, click the **Search** button.
System displays the records that match the search criteria.
4. Double click a record after selecting a record to view the detailed screen.
 - [Pain Generation](#)
 - [View pain.002](#)
 - [View Batch Payments](#)

2.2.6.1 Pain Generation

User can capture Duplicate Check Fields information.

1. Click **Pain Generation** button at the bottom of Bulk File Summary Screen.
pain.002 Generation sub-screen is displayed.

Figure 2-20 pain.002 Generation

2. Generated file details are displayed.
 - Irrespective of the pain.002 generation level, i.e File level (L1), Batch +Transaction (L2) level or R-transaction (L3) level, auto generation of pain.002 is job based. A new job is provided which can be configured to run after regular host level batch cutoff so that the file level processing status can be sent to the customer.
 - This is done on the date of file processing. If any R-transaction is initiated for one or more of the transactions which are part of the file , then too pain.002 message will be generated for the file.
 - The pain.002 file is generated if the initiating party (if not available, debit account customer) has preferred for auto file generation.
 - The file and batch level statuses are deduced while pain.002 message is generated.

2.2.6.2 View pain.002

The View pain.002 screen allows user to view the pain.002 files generated both automatically and manually.

pain.002 files that are generated automatically based on the preferences maintained in the Customer Preference Detailed screen (PMDFLPRF) can be viewed here. This is applicable only for L3 transactions.

And the files generated manually through Pain generation in Batch Booking Browser Summary screen (PMSBATBR) screen is also listed.

System launches the 'pain.002 Acknowledgement Browser' screen on clicking the 'View pain.002' action button in PMSBATBR screen.

1. Click **View Pain002** button at the bottom of Bulk File Summary Screen.
pain002 Acknowledgement Browser sub-screen is displayed.

Figure 2-21 pain002 Acknowledgement Browser

The screenshot shows the 'Pain002 Acknowledgement Browser' window. At the top, there are buttons for 'Search', 'Advanced Search', 'Reset', and 'Clear All'. Below these is a search filter section with 'Search (Case Sensitive)' and a 'Records per page' dropdown set to 15. The main search area contains three input fields: 'File Reference Number' (with a sub-label 'Host Code'), 'Ack Ref No', and 'File Name'. Below the search fields is a 'Search Results' section with a table header showing columns: 'File Reference Number', 'Ack Ref No', 'File Name', 'Host Code', and 'Date And Time'. The table currently displays 'No data to display.' and has a 'Page 1 Of 1' indicator. At the bottom of the window, there is a 'Message' button and an 'Exit' button.

2. From the records listed, select a file and click 'Message' action button to view the pain.002 message details.

Figure 2-22 View pain002 Acknowledgement Message

The screenshot shows the 'View Pain002 Acknowledgement' window. It features two input fields at the top: 'Ack Ref No' and 'File Reference Number'. Below these is a large text area labeled 'Message' for displaying the details. At the bottom right, there is an 'Exit' button.

2.2.6.3 View Batch Payments

This button opens Bulk File Batch Summary screen listing the Batches received for the selected file. Only Single file can be selected for viewing Batch details. If multiple records are selected, system throws an error.

All users having access to Bulk file Batch Summary Screen (Function ID: PMSBATCH) can view the Batch details. No specific access right is required for this action.

2.2.7 Bulk File Batch Summary

1. On Homepage, specify **PMSBATCH** in the text box, and click next arrow.
Bulk File Batch Summary screen is displayed.

Figure 2-23 Bulk File Batch Summary

Bulk File Batch Summary

Search Advanced Search Reset Clear All Records per page: 15

Search (Case Sensitive)

Batch ID Batch Ref Number Debtor Account Number Company ID Batch Booking File Name Exception Queue Error Code Customer No File Reference Number Batch Status Requested Execution Date MM/DD/YYYY Batch Processing Status

Search Results Lock Columns: 0

Batch ID File Name File Reference Number Batch Ref Number Exception Queue Batch Status Batch Booking Debtor Account Number Error Code Requested Exe

No data to display.

Page: 0/1 < 1 >

View Batch Payments View Consol Batches Queue Action Log Cancel Batch Retry Exit

2. Search using one or more of the following parameters:
 - Batch ID
 - Batch Ref Number
 - Debtor Account Number
 - Company ID
 - File Name
 - Exception Queue
 - Error Code
 - Customer No
 - File Reference Number
 - Batch Status
 - Requested Execution Date
3. Once you specified the parameters, click the **Search** button.
System displays the records that match the search criteria.
4. Double click a record after selecting a record to view the detailed screen.
 - [View Batch Payments](#)
 - [View Consol Batches](#)
 - [Queue Action Log](#)
 - [Cancel Batch](#)

2.2.7.1 View Batch Payments

This button opens Bulk File Batch Payments Summary Screen (Function ID: PMSBTTXN). All the transaction records received for the selected Batch can be viewed.

2.2.7.2 View Consol Batches

This button opens Bulk File Consolidated Batch Summary Screen (Function ID: PMSCONSL). All the consolidated batches for the selected Batch are displayed.

**Note:**

Single Batch record only can be selected for viewing the Batch Payments and Consolidated Batch details.

2.2.7.3 Queue Action Log

You can view all the queue actions for the selected batch by clicking the 'Queue Action Log' action tab present in the screen.

2.2.7.4 Cancel Batch

This action can be performed by any user having access rights to the Batch Cancellation screen (Function ID PMSBATCN). Batch cancellation screen is opened in Full Batch Cancellation mode defaulting the Batch details of the selected record. System allows only single record to be selected for cancellation.

2.2.8 Bulk File Consolidated Batch Summary

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

Bulk File Consolidated Batch Summary screen is displayed.

Figure 2-24 Bulk File Consolidated Batch Summary

2. Search using one or more of the following parameters:
 - Batch ID
 - Processing Date
 - Consol Batch Status
 - Error Code
 - Consol Batch Reference
 - Network Code
 - Exception Queue
3. Once you specified the parameters, click the **Search** button.

System displays the records that match the search criteria.

4. Double click a record after selecting a record to view the detailed screen.
- [View Batch Payments](#)
- [View Queue Action Log](#)

2.2.8.1 View Batch Payments

This button opens Bulk File Batch Payments Summary Screen (Function ID: PMSBTTXN). All the transaction records received for the selected Batch can be viewed.

2.2.8.2 View Queue Action Log

You can view all the queue actions for the selected batch by clicking the 'Queue Action Log' action tab present in the screen.

2.2.9 Batch File Batch Payment Summary

1. On Homepage, specify **PMSBTTXN** in the text box, and click next arrow.
Batch File Batch Payment Summary screen is displayed.

Figure 2-25 Batch File Batch Payment Summary

2. Search using one or more of the following parameters:
 - File Reference
 - Consol Batch Reference
 - Process Status
 - Sanctions Check Status
 - Requested Execution Date
 - File Name
 - File Consol Reference Number
 - Exception Queue
 - Debit Account

- End to End ID
 - Batch ID
 - Transaction Reference Number
 - Error Code
 - Network Code
3. Once you specified the parameters, click the **Search** button.
System displays the records that match the search criteria.
 4. Double click a record after selecting a record to view the detailed screen.
- [View Queue Action Log](#)
 - [Cancel Payment](#)

2.2.9.1 View Queue Action Log

You can view all the queue actions for the selected batch by clicking the 'Queue Action Log' action tab present in the screen.

2.2.9.2 Cancel Payment

You can select single or multiple payment records for the same Batch and initiate 'Cancel Payments' action. This can be done if the user is having access right to the screen Batch Cancellation (Function ID: PMDBATCN). The Batch Cancellation screen is opened in 'Partial Batch' cancellation mode listing the transaction records selected.



Note:

System displays an error if the transactions selected belong to different Batch IDs.

2.3 Status Reports

You can generate customer payment status report pain.002 at the end of batch/file processing giving the current status for payment processing (e.g., reject, repair, passed STP, etc.). It is required to generate this report immediately post-processing and at any point thereafter.

- [File Level Status Report \(L1\)](#)
- [Branch/Transaction Level Status Report \(L2\)](#)
- [R-Transaction Status Report \(L3\)](#)

2.3.1 File Level Status Report (L1)

- Pain.002 status message is generated if the pain.001 file is accepted/rejected. If the file is rejected due to format issues or the control sum being wrong, pain.002 is generated for the file rejected status.
- Group Status
 - If the file is accepted, status is populated as ACCT (Accepted)
 - If the file is rejected, status is populated as RJCT (Rejected). Individual batch/payment information will not be populated.

- StatusReasonInformation – Reason Code
 - For the group status level reason code, the following error-codes will be listed:

Exception scenario	Error Code	Status level
Invalid File Format	-	Group
Invalid Controlsum	-	Group
Any other error	-	Group

**Note:**

Status Reason Information tag will not be populated in pain.002 if the reason code mapping is not found for the exception. The system will not fail the message generation for this reason.

2.3.2 Branch/Transaction Level Status Report (L2)

Generation of batch level pain.002 status reports are done in the following cases:

- All transactions in the batch are completed processing
- All success (Case 1)
 - PaymentInformationStatus <PmtInfSts> is populated as ACSC - Settlement on the debtor's account has been completed
 - Reason code is not applicable
 - Transaction level details are not populated
- All transaction are future valued (Case2)
 - PaymentInformationStatus <PmtInfSts> is populated as PEND - Settlement on the debtor's account has been completed.
 - Reason code is not applicable
 - Transaction level details is not populated
- All cancelled or rejected (Case3)
 - PaymentInformationStatus <PmtInfSts> is populated as RJCT - Payment initiation or individual transaction included in the payment initiation has been rejected
 - PaymentInformationStatus <PmtInfSts> StatusReasonInformation <StsRsnInf> is populated for the batch
 - PaymentInformationStatus <PmtInfSts> StatusReasonInformation <StsRsnInf> is populated for the batch
- Partly success, rest are rejected/cancelled/pending (Case4)
 - PaymentInformationStatus <PmtInfSts> is populated as PART- A number of transactions have been accepted, whereas another number of transactions have not yet achieved 'accepted' status
 - PaymentInformationStatus <PmtInfSts> StatusReasonInformation <StsRsnInf> is not populated for the batch
 - Number of transactions and transaction status is populated at payment information level

- TransactionStatus <TxSts> & StatusReasonInformation <StsRsnInf> will be populated for rejected transactions. Reason code population is based on the error code mapping
- For Case1, 2 & 3 listed above, transaction level details are not populated in pain.002. Batch level reason code is applicable for case 3.
- A batch can be cancelled as a result of a cancellation request received or can be rejected manually from the exception queues due to the following validation failures:

Batch Exception scenario	Error code	Status level
Invalid debtor account (on cancellation from BO queue due to customer/account status validations)	-	Payment Information
Duplicate Payment Information ID ((on cancellation from BO queue due to duplicate check)	-	Payment Information
If cancelled from ECA queue	-	Payment Information
FX queue cancellation		Payment Information
Batch cancellation based on customer request		Payment Information

- For case 4 transaction level details of the rejected/cancelled transaction and the reason code will be populated.

Exception scenario	Error code	Status level
Invalid debtor account (on cancellation from BO queue due to customer/account status validations)	-	Transaction Status
Transaction Duplicate check	-	Transaction Status
If cancelled from ECA queue	-	Transaction Status
FX queue cancellation		Transaction Status
transaction cancellation based on customer request		Transaction Status

- If no linkage to reason code is found, no reason details are populated.

2.3.3 R-Transaction Status Report (L3)

This report is generated as a last step of processing the following R-Transactions:

- SCT return of outward transaction
- SCT positive/negative response to recall of outward transaction

Note:

R transaction related status reason codes are taken as is from the transaction and whether ISO reason code or not, it is validated from existing Reject code maintenance PMDRJMNT.

2.4 Batch Cancellation

The Batch Cancellation screen allows user to cancel the Batches received in pain.001 files.

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

Batch Cancellation Detailed screen is displayed.

Figure 2-26 Batch Cancellation Detailed

The screenshot shows the 'Batch Cancellation Detailed' application window. It contains various input fields and sections for data entry. The 'Host Code' and 'Batch ID' fields are at the top left. Below them are 'Transaction Type' and 'Allow Cancellation after Dispatch'. The 'Cancellation Reason' section includes 'Reason Code', 'Reason Proprietary', and 'Reason Description'. The 'Customer and Account Details' section includes 'Customer Number', 'Company ID', 'Customer Account', and 'Customer Account Name'. The 'Cancellation Request Reference' section includes 'Cancellation Request Reference', 'Requested Date', 'Cancellation File Message ID', and 'Cancellation Type'. The 'Original File Details' section includes 'File Name', 'File Reference', 'Message ID', and 'File Received Date'. The 'Batch Details' section includes 'Batch Total', 'Number of Transactions', and 'Requested Execution/Collection Date'. At the bottom, there is a table titled 'Partial Batch Cancellation Transaction Details' which is currently empty.

2. Click the **New** button on the Application toolbar.
3. On **Batch Cancellation Detailed** screen, specify the fields.

Table 2-8 Batch Cancellation Detailed - Field Description

Field	Description
Host Code	System displays the Host Code of selected branch of the logged in user on clicking ' New ' button.
Batch ID	Specify the Batch ID from the list of values.
Transaction Type	Select the Transaction Type between Cancellation and Reversal.
Allow Cancellation after Dispatch	Select the Allow Cancellation after Dispatch between Yes or No. This field is mandatory if transaction type is selected as 'Cancellation'. If the Network does not allow cancellation, the field is defaulted as 'No' and disabled. If Network allows cancellation, this field value is defaulted as 'Yes'. You can modify the option to 'No', if required, for not processing the cancellation if the dispatch is over. Note: This field is applicable for ACH CT transactions only.
Cancellation Request Reference	System generated Reference Number for the Cancellation Request received.
Requested Date	System defaults the Requested Date as Current Date.
Cancellation File Message ID	If the Cancellation type is 'File', the Message ID of pain.007 file is populated in this screen.

Table 2-8 (Cont.) Batch Cancellation Detailed - Field Description

Field	Description
Cancellation Type	Select the Cancellation Type between the values 'Full Batch' or 'Partial Batch'.
Cancellation Reason	--
Reason Code	Select a valid Reason Code for Batch cancellation from the list of values.
Reason Description	System defaults the Reason Description for the Reason Code selected.
Reason Proprietary	Specify free text in this field upto 35 characters. On the selection of Batch ID field, below fields are populated: • Original File Details: File Name, File Reference, Message ID, File Received Date • Customer and Account Details: Customer Number, Company ID, Customer Account, Customer Account Name • Batch Details: Batch Total, Number of Transactions, Requested Execution/Collection Date

Partial Batch Cancellation Transaction Details

System validates that no other cancellation request record is pending for authorization for the same file upon saving the details. Also the following validations are done upon Saving.

- Transaction Reference Number
- Transaction Cancellation Reference
- End to End ID
- Transaction Status
- Network Code
- Counterparty Account
- Counterparty Name
- Transfer Currency
- Transaction Amount
- Cancellation Request Status
- Error Code

 Note:

Batch Cancellation Changes are same for the batches uploaded from pain.008 for ACH DD.

 Note:

Cancel actions performed from Batch cancellation screen are displayed in Cancellation details of Transaction view screen for Book Transfer and generic ACH CT.

- [Batch Cancellation Checks](#)
- [Batch Cancellation Summary](#)

2.4.1 Batch Cancellation Checks

The related processing of cancellation is explained in the below table depending on the processing stage at which the request is received:

Batch Cancellation Check	Resultant system action
On successfully completing debit account validations which are not overridable. OR On releasing the batch from PE queue	Check whether batch is marked for cancellation. If yes, mark the batch as cancelled.
After successfully completing overridable exceptions OR On releasing the batch from BO queue	Check whether batch is marked for cancellation. If yes, mark the batch as cancelled.
On completion of network resolution OR On releasing the batch from Network resolution queue	Check whether batch is marked for cancellation. If yes, mark each transaction record as cancelled.
On segregating urgent and nonurgent payments, the non-urgent payment batches will be checked for batch cancellation	Check whether batch is marked for cancellation. If yes, mark the Consol batch as cancelled. Note: Consol batch is the batch created after regrouping
After holiday check & processing date derivation of non-urgent batches	Check whether batch is marked for cancellation. If yes, mark the Consol batch as cancelled. Note: Consol batch is the batch created after regrouping
On completion of FX rate fetch for non-urgent batches OR On release of batch from FX queues	Check whether batch is marked for cancellation. If yes, mark the Consol batch as cancelled. Request for FX unwind will be sent.

On completion of amount block for debit amount for non-urgent batches OR On release of the batch from ECA queue	Check whether batch cancellation request received. If yes, mark the Consol batch as cancelled. Requests for FX & ECA unwind will be sent.
Individual payment processing of Non urgent transactions completed last stage of individual payment processing	Check whether batch cancellation request received. If yes, mark each transaction record as cancelled. Requests for FX & ECA unwind will be sent transactionwise, if already done
Before Network cutoff check of a success batch	Check whether batch cancellation request received. If yes, mark the Consol batch as cancelled. Requests for FX & ECA unwind will be sent. Transaction records of the Consol Batch will be marked as cancelled.
On completion of network cutoff check	Check whether batch cancellation request received. If yes, mark the Consol batch as cancelled. Requests for FX & ECA unwind will be sent. Transaction records of the Consol Batch will be marked as cancelled.
Before doing accounting handoff	Check whether batch cancellation request received. If yes, mark the Consol batch as cancelled. Requests for FX & ECA unwind will be sent. Transaction records of the Consol Batch will be marked as cancelled.
Before doing dispatch	Check whether batch cancellation request received. If yes, mark each transaction record as cancelled. Requests for FX & ECA unwind will be sent transactionwise .Accounting entries will be reversed.
When successful transactions of a future dated batch is sent for value date processing	Check whether batch cancellation request received. If yes, mark the batch and the related payment records as cancelled.
When successful transactions of a carried forward batch is sent for value date processing	Check whether batch cancellation request received. If yes, mark the batch and related payment records as cancelled. Requests for FX & ECA unwind will be sent.
When Urgent payment processing (individual)completed each stage or is released from an exception queue	Check whether batch cancellation request received. If yes, mark each transaction record as cancelled. Requests for FX & ECA unwind will be sent transactionwise, if already done
Transaction processing is completed with dispatch for a batch/consol batch	Cancellation will not be applicable

2.4.2 Batch Cancellation Summary

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

Batch Cancellation Summary Screen screen is displayed.

Figure 2-27 Batch Cancellation Summary Screen

Batch Cancellation Summary

Search Advanced Search Reset Clear All

Records per page 15

Search (Case Sensitive)

Authorization Status File Name Batch ID Cancellation Request Reference Message ID File Reference Requested Date

Search Results

Lock Columns 0

☐	Authorization Status	Cancellation Request Reference	File Reference	File Name	Message ID	Requested Date	Batch ID	Host Code	Batch Total	Cancellation File Message ID	Chann
No data to display.											

Page: 1 Of 1

Exit

2. Search using one or more of the following parameters:
 - Authorization Status
 - Cancellation Request Reference
 - File Reference Number
 - File Name
 - Message ID
 - Cancellation Status
 - Requested Date
 - Source Code
 - Source Reference Number
3. Once you specified the parameters, click the **Search** button.
System displays the records that match the search criteria.
4. Double click a record after selecting a record to view the detailed screen.

Glossary

PMDBATBR

[Batch Booking Browser](#)

PMDBATCN

[Batch Cancellation](#)

PMDBTPRF

[Batch Processing Preferences](#)

PMDBTVAL

[Batch Validations Maintenance](#)

PMDPNRJT

[pain.002 Reason Code Mapping](#)

PMSSJBPR

[Payments Auto Job Parameters Summary](#)

PMDUPDST

[Corporate File Browser](#)

ISDCTMEX

[#unique_89](#)

PMSBATBR

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[Viewing Corporate File Browser Summary](#)