

Oracle® Banking Cash Management Cashflow Forecasting User Guide



Release 14.7.1.0.0

F87995-01

May 2023



F87995-01

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Preface

Purpose

This guide is designed to help acquaint you with the Cashflow Forecasting functionality in Oracle Banking Cash Management module.

It provides an overview of the system and guides you, through the various steps involved in setting up and providing the cash management services for the customers of your bank.

Audience

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

Table 1 Audience

Role	Function
Back office executive	Input functions for transactions
Back office managers/officers	Authorization of functions
Product Managers	Product definition and authorization

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 or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

List of Topics

This guide is organized as follows:

Table 2 List of Topics

Topic	Description
Overview of Cashflow Forecasting	This topic describes the benefits and functionality provided by Cashflow Forecasting module.

Table 2 (Cont.) List of Topics

Topic	Description
Maintenance for Cashflow Forecasting	This topic describes the maintenance of such reference information for the Cash flow Forecasting module.
File Management	This topic describes the information on the file management functionality in Cashflow Forecasting module.
Inquiries	This topic describes the information on the various inquiries supported in the Cashflow Forecasting module.

Symbols and Icons

The following symbols and icons are used in the screens.

Table 3 Symbols and Icons - Common












Symbol/Icon	Function
	Minimize
	Maximize
	Close
	Perform Search
	Open a list
	Date Range
	Add a new record
	Navigate to the first record
	Navigate to the last record
	Navigate to the previous record
	Navigate to the next record

Table 3 (Cont.) Symbols and Icons - Common













Symbol/Icon	Function
	Grid view
	List view
	Refresh
	Delete
	Add/Remove Columns
	Click this icon to add a new row.
	Click this icon to delete a row, which is already added.
	Calendar
	Alerts
	Unlock Option
	View Option
	Reopen Option

Table 4 Symbols and Icons – Audit Details






Symbol/Icon	Function
	A user

Table 4 (Cont.) Symbols and Icons – Audit Details

Symbol/Icon	Function
	Date and time
	Unauthorized or Closed status
	Authorized or Open status
	Rejected status

Screenshot Disclaimer

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

Related Documents

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

- Receivables and Payables User Guide
- Collections User Guide
- Netting User Guide
- Tasks User Guide
- Oracle Banking Security Management System User Guide
- Oracle Banking Common Core User Guide
- Oracle Banking Getting Started User Guide

1

Overview of Cashflow Forecasting

This topic describes the information on the overview, benefits and functionalities of Cashflow Forecasting module.

Overview

The Cashflow Forecasting module of the Oracle Banking Cash Management system automates the process of forecasting cash by projecting the inflows and outflows for a corporate over a period. This data is received from various other systems via API's.

Benefits

- **Accurate Forecasting** – Manage accurate forecasting by consolidating forecast collection inputs through seamless integration with internal systems.
- **Automated Cashflow Forecast** – Calculate the net deficit and surplus for a specific frequency by data received as inflow and outflow data through API/File upload.
- **Reporting and Analytics** – Cashflow projections available at summary level for each Inflow/Outflow for given frequency.
- **Flexibility** – Consolidate actual/reconciled payment and forecasted cash flow data to track overdue/short payment.
- **Cost Reduction** – Increased visibility of transactions and provides easy reconciliation thus helping corporates manage and control their cash flow and reduce costs.

Functionality

- Dashboard
- Cashflow Forecasting
 - Cashflow Code Maintenance
 - Cashflow Inquiry

2

Maintenance for Cashflow Forecasting

This topic describes the maintenance of reference data to be set to use the Cashflow Forecasting functionality.

To enable the Cash Management related functionality, there is certain amount of reference data that needs to be set up on day zero.

The user may also need to identify administrators among the officers of your bank to whom you could assign the administration of cash management system.

Maintaining Core Reference Data

Your bank needs to set up certain core reference data for the cash management system to work such as list of country, currency, customer category, list of holidays, list of banks, branch, FX rates, etc.

Refer to the **Oracle Banking Common Core User Guide** for setting up core reference data.

This topic contains the following subtopics:

- [Cashflow Code Maintenance](#)
This topic describes the information to create/maintain codes along with description in the hierarchy.

2.1 Cashflow Code Maintenance

This topic describes the information to create/maintain codes along with description in the hierarchy.

Cashflow forecasting projects the inflows and outflows for a corporate over a period. This data is received from various other systems via API's. For Oracle Banking Cash Management to accept the records, the standard codes need to be maintained by which the system can identify and store such cashflow transactions.

This topic contains the following subtopics:

- [Create Cashflow Code Maintenance](#)
This topic describes the systematic instruction to create cashflow codes or add sub-codes in a hierarchal format.
- [View Cashflow Code Maintenance](#)
This topic describes the systematic instruction to view, modify, delete, or authorize cashflow codes that have been created.

2.1.1 Create Cashflow Code Maintenance

This topic describes the systematic instruction to create cashflow codes or add sub-codes in a hierarchal format.

The codes and sub codes can be created up to four levels of hierarchy. Codes can be maintained for 'Inflows' and/or 'Outflows'. The codes cannot be deleted once authorized; however, the description can be modified.

Cashflow summary and detailed statement displays the description maintained here.

Specify **User ID** and **Password**, and login to **Home** screen.

1. On **Home** screen, click **Cash Management**. Under **Cash Management**, click **Cash Flow Forecasting**.
2. Under **Cash Flow Forecasting**, click **Maintenance**. Under **Maintenance**, click **Cashflow Code Maintenance**.
3. Under **Cashflow Code Maintenance**, click **Create Cashflow Code Maintenance**.
The **Create Cashflow Code Maintenance** screen displays.

Figure 2-1 Create Cashflow Code Maintenance

The screenshot displays the 'Create Cashflow Code Maintenance' interface. At the top, there are input fields for 'Corporate' (000380), 'Source Application' (OBCMS), and 'Channel' (OBCMS), along with a 'View Master Code' link. The main area is divided into two sections: 'Inflows' and 'Outflows'. Each section contains a table with columns for 'Code', 'Description', and 'Action'. The 'Inflows' table shows a row with code 'C1' and description 'Inflow Code'. The 'Outflows' table shows a row with code 'C2' and description 'Outflow Code'. Both sections have 'Add New Code' buttons and 'Expand All'/'Collapse All' links. At the bottom right, there are 'Cancel' and 'Save' buttons.


4. Specify the fields on **Create Cashflow Code Maintenance** screen.

 **Note:**

The fields marked as **Required** are mandatory.

For more information on fields, refer to the field description table.

Table 2-1 Create Cashflow Code Maintenance - Field Description

Field	Description
Corporate	Click the Search icon to select a specific customer for whom the code needs to be created. Leaving this field blank creates a master code which will be applicable to all customers for a selected source application.  Note: This field cannot be modified once authorized.
Source Application	Select the source application from where code will flow to Oracle Banking Cash Management.
Channel	Select the channel from where code will flow to Oracle Banking Cash Management.
View Master Code	Click this link to view the existing master codes for selected combination of source application and channel. A pop-up screen opens from where you can view the inflows and outflows.

5. Perform the following steps in the **Inflows** and **Outflows** section as per your requirement:
 - Click **Add New Code** to add a new row for a code to be added.
 - Click **Add** icon to add a new sub-level record.
 - Click **Delete** icon to remove a record including its child records. Only unauthorized records can be deleted. In case, there is a hierarchy of codes, delete all the subcodes to delete the main code.
 - Click **Expand All** to view the child-level records of all the codes.
 - Click **Collapse All** to hide the child-level records of all the codes.
6. Click **Save** to save the record and send it for authorization.

2.1.2 View Cashflow Code Maintenance

This topic describes the systematic instruction to view, modify, delete, or authorize cashflow codes that have been created.

A tile is present for each record that has been created. The bottom portion of each record-tile displays the following:

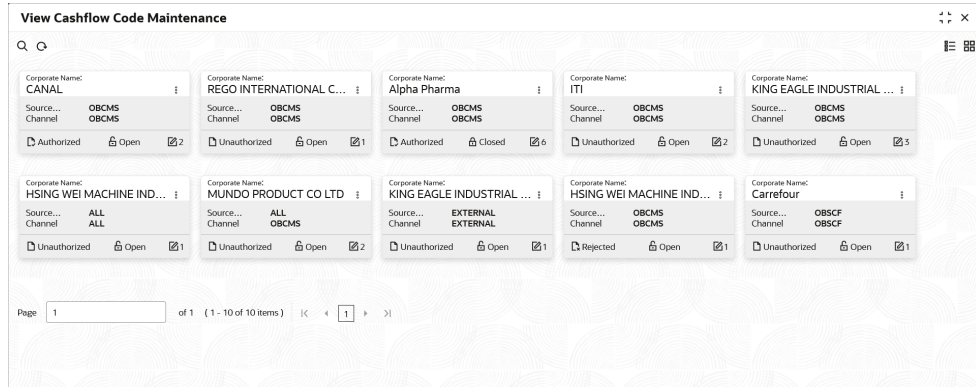
- The status, whether Authorized, Unauthorized, or Rejected
- Open or Closed
- The number of times the record has been submitted by the Maker added.

Specify **User ID** and **Password**, and login to **Home** screen.

1. On **Home** screen, click **Cash Management**. Under **Cash Management**, click **Cash Flow Forecasting**.
2. Under **Cash Flow Forecasting**, click **Maintenance**. Under **Maintenance**, click **Cashflow Code Maintenance**.

3. Under **Cashflow Code Maintenance**, click **View Cashflow Code Maintenance**. The **View Cashflow Code Maintenance** screen displays.

Figure 2-2 View Cashflow Code Maintenance



4. Filter the records in the **View** screen:
 - a. Click **Search** icon to view the filters. The user can filter the records by Corporate Name, Source Application, Channel, Code, Description, Authorization Status, and Record Status.
 - b. Click **Search**.
 - c. Click **Reset** to reset the filter criteria.
5. Click **Refresh** icon to refresh the records.
6. Click **Options** icon and then select any of the following options:
 - a. **Unlock** – To modify the record details. Refer to the **Create** screen for the field level details.
 - b. **Authorize** – To authorize or reject the record. Authorizing/Rejecting requires necessary access rights.
 - Optional: Click **View** to view the record details.
 - Select the record and click **Approve** to approve the record.
 - Select the record and click **Reject** to reject the record. Specify the relevant comments in the pop-up window that appears, and click **Confirm**.
 - c. **Delete/Close** – To remove the record.
 - Optional: In the confirmation pop-up window, click **View** to view the record details.
 - Click **Proceed** to delete the record.
 - d. **Copy** – To copy the record parameters for creating a new record.
 - e. **View** – To view the record details.
 - f. **Reopen** – To reopen the closed record.

3

File Management

This topic describes the information on the File Management functionality provided in Cashflow Forecasting module.

The **File Management** functionality enables you to upload files in a pre-defined format. These files are auto-processed by the system based on their type and set rules. The process is mainly divided into two screens:

- [Upload Files](#)
This topic describes the systematic instruction to upload a file for auto-processing the cashflow code/transaction data into system.
- [View File Upload Status](#)
This topic describes the systematic instruction to manage the status of the uploaded files.

3.1 Upload Files

This topic describes the systematic instruction to upload a file for auto-processing the cashflow code/transaction data into system.

The **Upload Files** screen enables the user to upload files for auto-processing the cashflow code/transaction data into system. The uploaded files are not processed until it is approved. The file can contain data records of cashflow codes and cashflow transactions etc. The file format accepted by the system includes “.csv” files.

Table 3-1 Supported Files and Fields

File	Fields
Cashflow Code file	<ul style="list-style-type: none">• CASHFLOW_TYPE• SOURCE_APPLICATION• CODE• CHANNEL• DESCRIPTION• CORPORATE_ID• PARENT_ID

Table 3-1 (Cont.) Supported Files and Fields

File	Fields
Cashflow Transaction file	<ul style="list-style-type: none"> • EXTERNAL_REFERENCE_NO • CASHFLOW_INDICATOR • CORPORATE_ID • CODE • DESCRIPTION • BANK_ACCOUNT_NUMBER • VIRTUAL_ACCOUNT_NUMBER • AMOUNT • ACTUAL_AMOUNT • CCY • EXPECTED_DATE • REVISED_EXPECTED_DATE • ACTUAL_DATE • CHANNEL • APPLICATION_NAME • PARTY_NAME • PARTY_ID • STATUS • NARRATION • CUSTOMER_REF_NO • T_UDF_TXT_1 • T_UDF_TXT_2 • T_UDF_TXT_3 • T_UDF_TXT_4 • T_UDF_TXT_5 • T_UDF_TXT_6 • T_UDF_TXT_7 • T_UDF_TXT_8 • T_UDF_TXT_9 • T_UDF_TXT_10

Specify **User ID** and **Password**, and login to **Home** screen.

1. On **Home** screen, click **File Management**. Under **File Management**, click **File Upload**.

The **File Upload** screen displays.

Figure 3-1 File Upload

2. Drag and drop the file to be uploaded in the highlighted box. or, Click inside the highlighted box to select the file to be uploaded.
3. In the **Enter Source Code** field, specify the source code of the application to associate the file records to.
4. Click **Upload** to upload the records from the file. Once the file is uploaded, it cannot be deleted.

A message appears stating that the file has been uploaded successfully.

3.2 View File Upload Status

This topic describes the systematic instruction to manage the status of the uploaded files.

Specify **User ID** and **Password**, and login to **Home** screen.

1. On **Home** screen, click **File Management**. Under **File Management**, click **View File Upload Status**.

The **View File Upload Status** screen displays.

Figure 3-2 View File Upload Status

File Name	Maker ID	Checker ID	Total Records	Approved	Successful	Failed	Maker Time Stamp	Checker Time Stamp	Status	Action
OBCM-CASHFLOW-TRANSACTION_490700009.csv	OBDX	AUTO	1	1	0	1	2023-05-02 T10:53:16.000+00:00	2023-05-02 T10:53:16.000+00:00	Processed	T
OBCM-CASHFLOW-TRANSACTION_49078000929909.csv	OBDX	AUTO	1	1	0	1	2023-05-02 T10:49:05.000+00:00	2023-05-02 T10:49:05.000+00:00	Processed	T
OBCM-CASHFLOW-TRANSACTION_490697929909.csv	OBDX	AUTO	1	1	0	1	2023-05-02 T10:28:30.000+00:00	2023-05-02 T10:28:32.000+00:00	Processed	T
OBSFCM-PURCHASE-ORDER-BUYER_BulkPO_Y_2.csv	OBCMQUASER1	OBCMQUASER2	20	20	11	9	2023-04-27 T09:58:02.000+00:00	2023-04-27 T09:58:35.000+00:00	Processed	T
OBSFCM-PURCHASE-ORDER-BUYER_BulkPO_Y_1.csv	OBCMQUASER1	OBCMQUASER2	20	20	20	0	2023-04-27 T09:50:11.000+00:00	2023-04-27 T09:50:34.000+00:00	Processed	T
OBSFCM-PURCHASE-ORDER-BUYER_BulkPO_Y.csv	OBCMQUASER1	OBCMQUASER2	10	10	10	0	2023-04-27 T09:38:42.000+00:00	2023-04-27 T09:39:25.000+00:00	Processed	T
OBSFCM-PURCHASE-ORDER-BUYER_Mdanone004 - Copy.csv	OBCMQUASER1	OBCMQUASER2	1	1	1	0	2023-04-27 T04:45:30.000+00:00	2023-04-27 T04:46:30.000+00:00	Processed	T

2. Specify any of the following criteria to filter the listed file jobs:
 - In the **Filter by File Name** field, specify the partial or complete name of the file.

- In the **Filter by Maker ID** field, specify the partial or complete Maker ID used to create the file record(s).
 - In the **Filter by Checker ID** field, specify the partial or complete Checker ID used to authorize the file.
 - From the **Filter by Status** list, select the required status of the file(s) to be filtered.
 - In the **Filter by Upload Date: Start Date** and **Filter by Upload Date: End Date**, select the start and end dates to filter file records by upload date.
3. Upon selecting the required filter criteria, click **Filter** to view the filtered records. To clear the filter criteria fields, click **Clear Filters**.
 4. Click **Rejected Files** to view a list of rejected files.
The **Rejected Files** screen displays.

Figure 3-3 Rejected Files

Rejected File Data							
Filter by File name	Filter by Maker ID	Filter by Checker ID					
Filter by Upload Date: Start Date	Filter by Upload Date: End Date			Filter	Clear Filters		
File Name	Version	Maker Id	Checker Id	Status	Remarks	Maker Time Stamp	Checker Time Stamp
OBCM-CASHFLOW-TRANSACTION_OBCM_29Apr_ALL.csv	1	USER1	USER2	Rejected		2022-04-29 T13:18:08.000+00:00	2022-04-29 T13:26:00.000+00:00
OBSFCM-INVOICES-BUYER_AUTO-210520203_959.csv	1	USER1	USER2	Rejected		2022-03-14 T06:47:02.000+00:00	2022-03-14 T07:00:43.000+00:00
OBSFCM-PAYMENT_AUTO-210520201.csv	1	QAUSER1	USER2	Rejected		2021-09-27 T07:45:27.000+00:00	2022-03-14 T07:01:38.000+00:00
OBSFCM-INVOICES-BUYER_AUTO-210520205.csv	2	QAUSER1	USER2	Rejected		2021-09-27 T07:45:08.000+00:00	2022-03-14 T07:02:01.000+00:00

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5. Perform any of the following actions on the file records:
 - a. Click **Download** icon to download the file.
 - b. Click **Remarks** icon to view the comments added while uploading the file.
 - c. Click **Approve** in the Action column to process the file.
 - d. Click **Details** to view details of the processed file.
 - e. Click **Retry** in the Action column to retry the processing if required.

4

Inquiries

This topic describes the systematic instruction to inquire about the status of the expected debits and credits in the Cashflow Forecasting module.

Cashflow Inquiry:

The **Cashflow Inquiry** screen helps the user to inquire the status of expected debits and credits based on the various criteria such as File Name, Bank Account Number, External Reference Number, Date range, Amount range, etc.

Specify **User ID** and **Password**, and login to **Home** screen.

1. On **Home** screen, click **Cash Management**. Under **Cash Management**, click **Inquiry**.
2. Under **Inquiry**, click **Cashflow Inquiry**.

The **Cashflow Inquiry** screen displays.

Figure 4-1 Cashflow Inquiry

The screenshot shows the 'Cashflow Inquiry' interface with the following fields and controls:

- File Name:** Text input field.
- External Reference Number:** Text input field.
- Corporate Reference Number:** Text input field.
- Cashflow Type:** Dropdown menu with 'Select' option.
- Source Application:** Dropdown menu with 'Select' option.
- Corporate:** Text input field with a search icon.
- Cashflow Code:** Text input field.
- Account Number:** Text input field with a search icon.
- Amount Reference Basis:** Dropdown menu with 'Select' option.
- Currency:** Dropdown menu with 'Select' option.
- Amount From:** Text input field.
- Amount To:** Text input field.
- Date Reference Basis:** Dropdown menu with 'Select' option.
- Date Range:** Two date pickers connected by a double-headed arrow.
- Channel:** Dropdown menu with 'Select' option.
- Reconciliation Status:** Text input field with 'Select' option.
- Buttons:** 'Search' and 'Reset' buttons at the bottom left.



3. Specify the fields on **Cashflow Inquiry** screen.

Note:

The fields marked as **Required** are mandatory.

For more information on fields, refer to the field description table.

Table 4-1 Cashflow Inquiry - Field Description

Field	Description
File Name	Specify the file name to inquire for.  Note: File name must be of at least 5 alpha-numeric characters.
External Reference Number	Specify the external reference number of the cashflow.
Corporate Reference Number	Specify the corporate reference number of the cashflow.
Cashflow Type	Select the cashflow type to search for inflow or outflow data.
Source Application	Select the source application impacted by the cashflow.
Corporate	Click the Search icon and select the beneficiary or remitter based on selected cashflow type.
Cashflow Code	Specify the specific cashflow code to inquire for.
Account Number	Click the Search icon and select the bank account number of the corporate.
Amount Reference Basis	Select the reference basis of the amount range as Expected Amount or Reconciled Amount .
Currency	Select the amount currency of the cashflow.
Amount From	Specify the lowest cashflow amount of the range.
Amount To	Specify the highest cashflow amount of the range.
Date Reference Basis	Select the reference basis of the date range as Expected Date or Reconciliation Date .
Date Range	Click the Calendar icon and select the date range.  Note: Maximum date range can be of 1 year.
Channel	Select the channel through which cashflow data is flowing.
Reconciliation Status	Select the reconciliation status of the cashflow to search by. The user can select multiple reconciliation statuses.

4. Click **Search** to view the search result.

Figure 4-2 Cashflow Inquiry - Search Result

External Reference Number	Cashflow Type	Cashflow Description	Corporate	Expected Date	Currency	Expected Amount	Reconciliation Amount
CF124032022123721	Inflow	Profits	ABZ Solutions	2022-06-24	EUR	400.00	400.00
MARCAREQASAV5003	Inflow	FD Savings	Carrefour	2022-03-30	USD	100,001.19	0.00

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5. Click the external reference number to view more details.
6. Click the **Add/Remove Columns** icon to select columns to be displayed in the search result.

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