Instruments Inventory Tracking User Guide

Oracle FLEXCUBE Universal Banking

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Instruments Inventory Tracking User Guide
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1. Preface

1.1 Introduction

Banks and other financial institutions use a variety of pre-printed instruments for their daily business. These instruments are normally ordered in bulk and distributed internally for daily transactions. Your bank may need to control the inventory of such instruments and ensure prompt replenishment when re-order levels are reached.

The Instruments Inventory Tracking (IV) module is built to maintain stocks of various financial instruments that the bank handles in the daily business. This module enables you to define new financial instruments with ease and minimum customization.

1.2 Audience

This Manual is intended for the following Users/User Roles:

Role	Function
Data entry Clerks	Input functions for maintenance related to the interface
Managers/Officers	Authorization functions

1.3 Documentation Accessibility

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

1.4 Critical Patches

Oracle advices customers to get all their security and 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 ensure effective security, as strongly recommended by Oracle Software Security Assurance.

1.5 Abbreviations

The following abbreviations are used in this manual.

Abbreviation	Description
IV Module	Instruments Inventory Tracking Module
AEOD	Auto End of Day
BOD	Beginning of Day
EOD	End of Day
EOTI	End of Transaction Input
EOFI	End of Financial Input
The System	This term is always used to refer to Oracle FLEXCUBE

CASA	Current and Savings Accounts
TC	Travellers Cheques
OBIEE	Oracle Business Intelligence Enterprise Edition

1.6 Organization

This Manual is organized into the following chapters:

Chapter	Description
Chapter 1	*About this Manual* gives information on the intended audience. It also lists the various chapters covered in this User Manual.
Chapter 2	*Overview - Instruments Inventory Tracking* offers an introduction to IV module and its features.
Chapter 3	*Maintenances* explains about the various activities to be performed as a part of enabling and using the Instruments Inventory Tracking (IV) module.
Chapter 4	*Operations* details about the various functions to perform the required operations as part of the Instruments Inventory Tracking (IV) module.
Chapter 5	*Interfaces and Gateways provides information on the interfaces, gateways, and the required maintenances to be made.*
Chapter 6	*Annexure* provides additional information through examples and illustrations of workflows in regard to the IV module.
Chapter 7	*Function ID Glossary* has alphabetical listing of Function/Screen ID's used in the module with page references for quick navigation.

1.7 Related Documents

For additional information, you may need to refer the following manuals of the Oracle FLEXCUBE system:

- Common Procedures
- Core Services
- Core Entities
- Branch

1.8 Glossary of Icons

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

Icons	Function
	Exit
	Add row
	Delete row

Icons	Function
	Option List

2. Overview - Instruments Inventory Tracking

This chapter gives you an overview of the Instruments Inventory Tracking (IV) module of Oracle FLEXCUBE.

This chapter contains the following sections:

- Section 2.1, "Instruments Inventory Tracking"
- Section 2.2, "Scope of the Module"
- Section 2.3, "IV Module Functions & Features"

2.1 Instruments Inventory Tracking

Banks and other financial institutions use a variety of pre-printed instruments for their daily business. These instruments are normally ordered in bulk and distributed internally for daily transactions. Most of these instruments have a pre-determined value. Some instruments may have numbers that are internally controlled. In either case, your bank may need to control the inventory of such instruments and ensure prompt replenishment when re-order levels are reached.

The Instruments Inventory Tracking (IV) module is built to maintain stocks of various financial instruments that the bank handles in the daily business. This module enables you to define new financial instruments with ease and minimum customization.

The following financial instruments come under its purview:

- Passbooks
- Cheque Books
- Demand Drafts
- Banker’s Cheque
- Traveller’s cheque

The IV module provides you with the following features:

- Maintaining inventory of instruments
- Tracking the movement of the instruments between ordering branch and receiving branch
- Tracking the status of each instrument by serial number
- Tracking when re-order levels are reached
- Ageing analysis of old stocks

2.2 Scope of the Module

The IV module comprises of the following high-level functions:

- Stock Catalog Definition
- Stock flow Master Definition
- Vendor/Supplier Codes Maintenance
- Request Stocks
- Order Stocks
- Receive Stocks
- Issue Stocks

- Adjust Inventory Balance
- Balance On Hand Inquiry
- Stock Transactions Inquiry
- Usage Pattern Analysis
- Interface with casa and teller module of Oracle FLEXCUBE

2.3 IV Module Functions & Features

The following sections give you a brief overview of the IV module's various functions and features.

This section contains the following topics:

- Section 2.3.1, "Flexible Parameters Definition"
- Section 2.3.2, "Automatic Tracking of Inventory"
- Section 2.3.3, "Extensive Drill-Down Inquiries"
- Section 2.3.4, "Comprehensive Usage Analysis "
- Section 2.3.5, "Module External Interfaces"

2.3.1 Flexible Parameters Definition

Parameters Definition for currencies, denominations and re-order levels is completely user defined and flexible. Since different banks have different workflow requirements for inventory control, the module provides a means to define the bank's workflow for inventory control and then tracks the status of the instruments based on the defined workflow.

Different stocks, different currencies, different denominations for each instrument and re-order levels for each type of instrument can be defined and tracked separately.

Some instruments may not be denominated. In such cases they are tracked only by numbers and not by value. For these cases the denomination value will be defaulted to zero.

Re-order levels can be defined for each type of stock i.e. different re-order level are possible for each issuer, currency etc. This makes tracking and replenishing easier as the procurement time for each type of instrument, issuer or currency is different.

2.3.2 Automatic Tracking of Inventory

The IV module supports tracking of the flow of inventory from the supplier, through the various departments of the bank, till the final delivery to the customer. The module also supports tracking of inventory replenishment requests, made from within the bank, until the fulfillment of the request.

Each and every bank will have different workflows for inventory. The IV module allows you to define the workflow (or stock flow, as you may call it) and then tracks the inventory based on what you have defined.

2.3.3 Extensive Drill-Down Inquiries

Comprehensive drill-down inquiries are available for Balance-On-Hand Quantity and Stock Transaction inquiry. All these inquiries allow you various parameters for narrowing down the results to individual stock summaries, denomination-wise summaries and even individual instrument serial numbers.

2.3.4 Comprehensive Usage Analysis

The Comprehensive Usage Analysis feature enables the bank to track the usage of inventory and also the ageing of inventory. It helps the in identifying whether inventory is used according to age and to check reasons for ad-hoc indent requests. Usage analysis helps the bank to plan for better utilization and prompt ordering of inventory.

2.3.5 Module External Interfaces

The IV module interfaces with the CASA and Teller modules of Oracle FLEXCUBE. The interface helps in generation of the next available instrument serial number based on the inventory. It also helps in keeping an update of the inventory status.

The nature of the IV module's interface with Oracle FLEXCUBE is briefly explained below.

CASA Module

The CASA module has transactions that capture the issue of personal cheque books to customers based on their request. The interface to the IV module is restricted to the "issue" phase alone, since inventory will get updated only on issue. When the cheque comes in for inward clearing, only the individual status of that particular cheque changes and this will not affect the inventory in any way.

The interface takes care of the following with respect to the issuance of cheque book to a customer:

- Generates next available cheque book serial number
- Updates status of cheque in the IV module
- Tracks the stock quantity against the re-order level

Teller Module / Web Branch module:

The Teller / Web Branch module of Oracle FLEXCUBE has transactions that capture the issuance of passbook, banker's cheque, demand draft and traveller's cheque to customers. The interface to the IV module deals with only the issue of stock to the branch and customer (as inventory status gets updated only on issue of stock).

The interface takes care of the following:

- Updates instrument status in the IV module and tracks against re-order level subsequent to the issuance of the following:
  - Passbook
  - Banker's cheque
  - Demand draft
  - Traveller's cheque
- For passbook issue, interface to the IV module:
  - Generates the next available instrument number
  - Updates the status of the instrument in the IV module
  - Tracks the stock quantity against the re-order level

Note

For banker's cheques, demand drafts and traveller's cheques, the generation of the next available instrument serial number is based on the combination of instrument type and issuer code. This is handled by the Teller module itself.

3. Maintenances

As part of enabling and using the Instruments Inventory Tracking (IV) module of Oracle FLEXCUBE, there are several maintenances to be performed. These maintenances have been elaborated upon in the sections given below.

Note

Unless specified otherwise, all maintenances specified below allow all standard maintenance functions – Add, Modify, Delete, Authorize, Close, Re-open, Inquiry. The maintenance functions also log all maintenances in the Audit Trail.

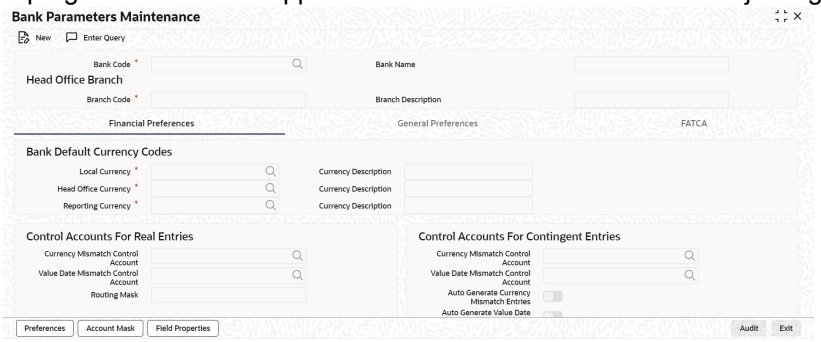
This chapter contains the following sections:

- Section 3.1, "Bank Parameters Maintenance"
- Section 3.2, "Issuer Code"
- Section 3.3, "Denomination Details"
- Section 3.4, "Stock Catalog Definition"
- Section 3.5, "Stock Flow Master Definition"
- Section 3.6, "Vendor Maintenance"
- Section 3.7, "Mandatory Batch Program Maintenance"

3.1 Bank Parameters Maintenance

In the Bank Parameters Maintenances screen, under the ‘Preferences’ screen you need to specify whether inventory management and tracking should be enabled or not.

To invoke the Bank Parameters Maintenances screen, enter ‘STDBNKPM’ in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



Allow Inventory Tracking

You can use this check box to allow/disallow inventory management and tracking. To use inventory management module, check this box.

Note

If inventory tracking is allowed then ‘Cheque Numbering Scheme’ should be left blank/null.

For more details on Bank Parameters Maintenance, refer the corresponding section in the Core Services manual.

3.2 Issuer Code

This section contains the following topics:

- Section 3.2.1, "Issuer Code Maintenance"
- Section 3.2.2, "Issuer Code Summary Screen"

3.2.1 Issuer Code Maintenance

Use the ‘Issuer Code -Detailed’ screen for maintaining instrument issuer details. This maintenance is found under the Core module.

To invoke the ‘Issuer Code Maintenance’ screen, enter ‘CSDISSCD’ in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



The details which you need to specify in the above screen are detailed below.

Issuer Code

Specifies the Issuer Code. An issuer code is an internal alphanumeric code used within the system to track stock of financial instruments. The Issuer Code, for instrument types other than passbook and cheque book, has to be in accordance with the routing mask as defined in the bank level parameters.

Issuer Description

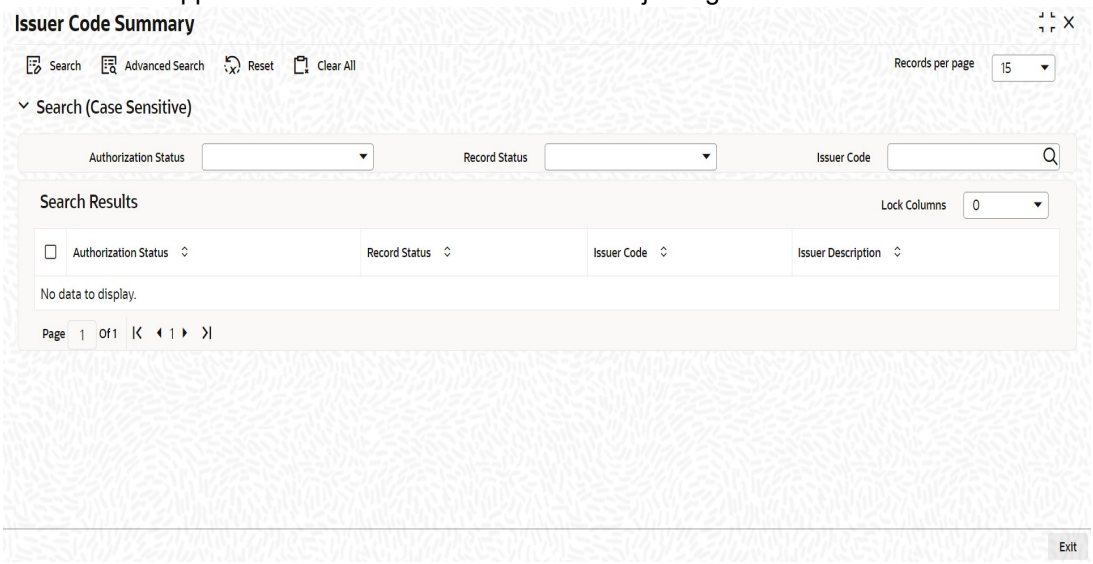
Provide a description of the Issuer Code maintained.

3.2.2 Issuer Code Summary Screen

Use the ‘Issuer Code – Summary’ screen to query for Issuer Code Maintenance records, by specifying the following parameters:

- Authorization Status
- Issuer Code
- Record Status

To invoke the ‘Issuer Code - Summary’ screen, enter ‘CSSISSCD’ in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



3.3 Denomination Details

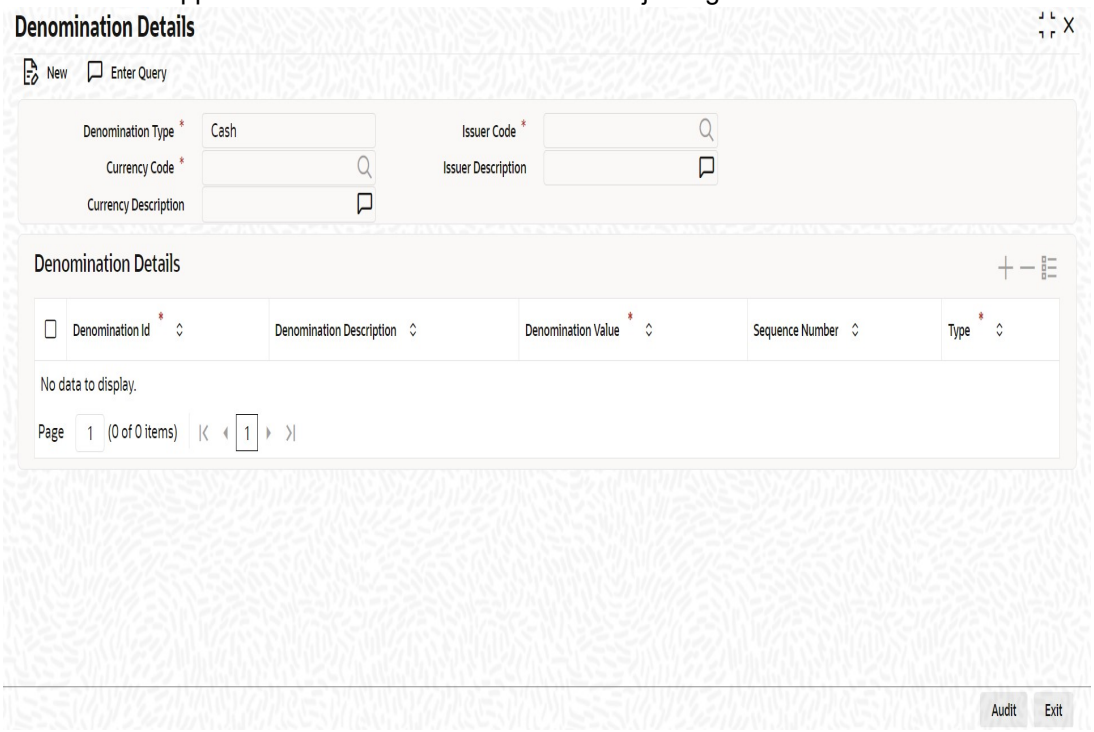
This section contains the following topics:

- Section 3.3.1, "Denomination Maintenance"
- Section 3.3.2, "Denomination Summary screen"

3.3.1 Denomination Maintenance

You can use the ‘Denomination Details’ screen for specifying various denominations supported for cash and traveller’s cheque for each currency. This function will be available under Core module maintenances.

To invoke the ‘Denomination Details’ screen, type ‘CSDDEMAN’ in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



The details to be maintained in the above screen are explained below.

Denomination Type

Specify the Denomination Type here by selecting the appropriate option from the drop-down list. The following options are available for selection:

- Cash
- Traveller's cheques
- Millionaire Certificate

> **Note**
>
> For denominated deposit only 'Note' denomination type can be used.

Currency Code

Select from the adjoining list of options the currency code for which the denomination maintenance is being performed. Depending on the currency code specified, a brief currency description is displayed.

Issuer Code

Select the issuer code, for which the denomination maintenance is being performed, from the adjoining list of options. Depending on the issuer code specified, the issuer's description is displayed.

> **Note**
>
> Issuer code needs to be maintained for both cash and TC denomination type.

Under the Denomination Details section, you can specify the following details for every record added.

Denomination ID

Specify here the ID for each denomination. For every currency, the various denominations are assigned separate denomination IDs.

Denomination Description

Provide a full-length description of denomination.

Denomination Value

Specify the value of denomination.

Sequence No.

Specify here the preferred sequence of denomination.

Type

Specify whether the denominated cash is in currency notes or coins. For Traveller's cheque, this field can accept only the 'Note' option.

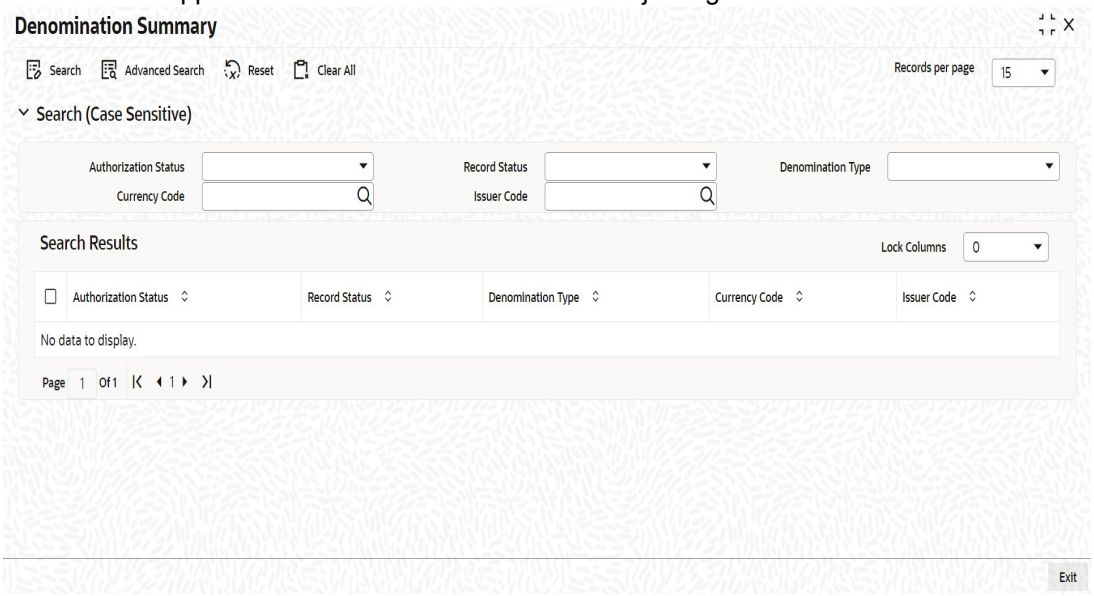
> **Note**
>
> Denomination type 'Millionaire Certificate' is used to facilitate MC/LMC transactions. For MC/LMC (Millionaire Certificate) transactions, you can have only one denomination with denomination type as 'Notes' and the currency code should be the 'LCY code'.

3.3.2 Denomination Summary screen

Use the ‘Denomination Summary’ screen to query for Denomination Maintenance records using the following parameters:

- Authorization Status
- Denomination type
- Issuer Code
- Record Status
- Currency Code

To invoke the ‘Denomination Summary’ screen, enter ‘CSSDEMAN’ in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



3.4 Stock Catalog Definition

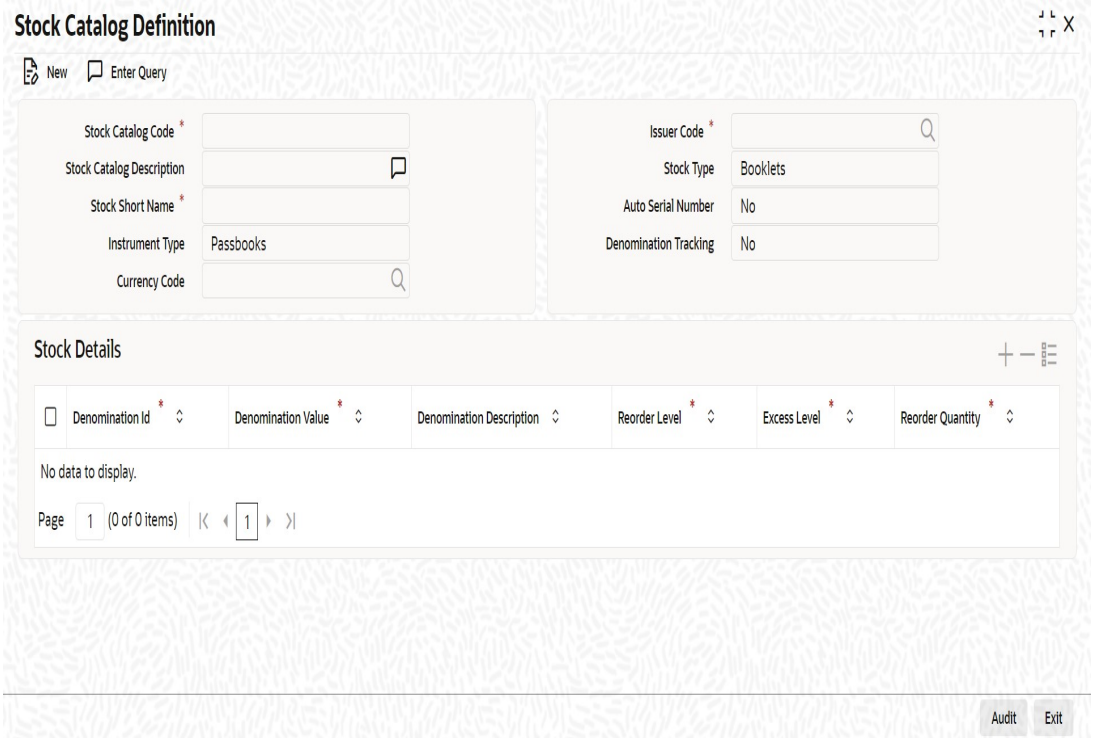
This section contains the following topics:

- Section 3.4.1, "Defining Stock Catalog"
- Section 3.4.2, "Stock Catalog Summary Screen"

3.4.1 Defining Stock Catalog

You can use the ‘Stock Catalog Definition’ screen for definition of the stock catalog for different types of financial instruments.

To invoke the ‘Stock Catalog Definition’ screen, enter ‘IVDSTKCD’ in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



As part of the Stock Catalog Definition, you need to specify certain details which are explained below.

Stock Catalog Code

A Stock Catalog Code identifies a particular financial instrument that is used within the bank (For example Demand Drafts drawn on the same bank in local currency). It is an internal alphanumeric code used within the system to track stock of financial instruments. This code is used internally within the software for tracking stock.

Instrument Type

You need to attach an instrument type to each stock catalog that identifies the internal type of the instrument. In the ‘Instrument Type’ field, indicate the type of Stock Catalog code that is being defined.

Certain basic instrument types are identified by Oracle FLEXCUBE and are used internally to manage the inventory. Instrument type will have the below mentioned options:

- Term Deposit Certificate
- Passbooks
- CASA Cheque books
- Traveller’s Cheques
- Demand Drafts
- Banker’s Cheques
- Millionaire Certificate
- Denominated Certificate

Note

– If the instrument type is ‘Term Deposit Certificate’ then the system defaults the denomination id and value as zero.

– ‘Denominated Deposit’ type is applicable only for Denominated Deposit Certificates.

Stock Short Name

Specify here a short name to be attached to the Stock Code for easier identification.

Stock Catalog Description

This is a full-length description of the Stock Code.

Currency Code

Specify here the currency code of the instrument. The currency code specified will be a valid entry as specified in the currency master maintenance.

Issuer

Specify here a valid issuer code from Oracle FLEXCUBE.

Denomination Tracking

The denomination tracking option indicates whether or not denomination details are maintained for the particular type of stock catalog. Denomination tracking is allowed only for Traveller’s Cheques.

If Denomination Tracking is set as ‘Yes’, then the denomination details for the catalog need to be defined during the catalog definition.

If the Denomination Tracking is set as ‘No’, then the denomination value will be defaulted to zero.

Note

For Denominated Deposit, denomination tracking is set as ‘Yes’. There is a validation available at CSDDEMAN screen to allow the Type as ‘Note’ only. If the validation fails system displays the error ‘Only ‘Note’ type can be used for Denominated Deposit Certificate’.

Stock Details Section

Under the Stock Details Section, you can specify the stock details for several denomination.

- Denomination ID – Specify a Denomination ID from the adjoining list of options.
- Denomination Value – Specifies the value of the denomination
- Denomination – Shows a description of the denomination whose stock details are being specified.
- Re-Order Level – Indicate here the minimum quantity of stock to be maintained for each stock code at specified denomination level. When the stock position is less than or equal to the re-order level, a re-order message is logged in the system and a ‘Short Stock’ report can be generated. If the specified Re-Order level is greater than or equal to the excess level then system will raise a warning message.
- Excess Level – This indicates the upper limit of the stock for the particular type of catalog. When the stock position goes above the excess level, an excess level message is logged in the system and the ‘Excess Stock’ report can be generated.
- Re-order Quantity – Indicate here the minimum quantity of the re-order for the catalog stock when the re-order level is reached. If excess level is less than or equal to re-order quantity then system will raise a warning message.

Auto Serial Number

To have the system automatically set the next FROM and TO serial numbers for a specified catalog stock during the purchase order transaction, set ‘Auto Serial No’ as Yes.

If Auto Serial No is set as ‘No’, then the numbers will be blank and you will need to input the numbers manually.

Note

- The Auto Serial Number is not allowed for Traveller’s Cheques
- The Auto Serial Number is allowed for Denominated Deposit Certificate.

Stock Type

Indicate here, where the stock is identified - at leaf level or booklet level?

Note

- The stock type ‘Booklets’ option is allowed only for passbooks.
- For Traveller’s Cheques, Demand Drafts and Banker’s Cheques only one stock code can be maintained in the combination of instrument type and issuer.

For MC/LMC (Millionaire Certificate) transactions, you can have only ‘Leaves’ as stock type and denomination tracking should be set to yes. Currency code should be the LCY.

Note

Two certificates under a the same denominated deposit cannot have the same certificate number even if the series number and stock catalogue code are different.

3.4.1.1 Operations Allowed in the Stock Catalog Definition screen.

Following standard maintenance operations are possible in the ‘Stock Catalog Definition’ screen:

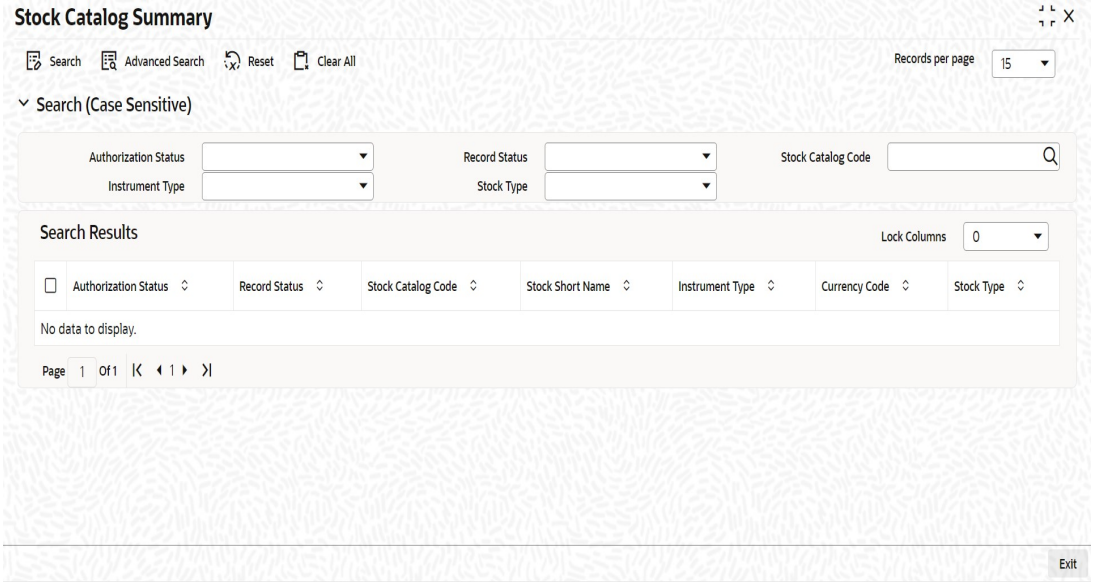
- Add
- Modify
- Delete
- Authorize
- Close
- Re-open
- Inquiry
- Logs all maintenances in the Audit Trail.

3.4.2 Stock Catalog Summary Screen

You can use the ‘Stock Catalog Summary’ screen to query for stock catalog records based on the following parameters:

- Authorization Status
- Stock Catalog Code
- Stock Type
- Record Status
- Instrument Type

To invoke the ‘Stock Catalog Summary’ screen, enter ‘IVSSTKCD’ in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



3.5 Stock Flow Master Definition

This section contains the following topics:

- Section 3.5.1, "Defining Stock Flow Master"
- Section 3.5.2, "Specifying Inventory Operations for Allowed Branches"
- Section 3.5.3, "Specifying Stock Details"
- Section 3.5.4, "Stockflow Summary screen"

3.5.1 Defining Stock Flow Master

You can use the ‘Stockflow Master Definition’ screen to define and maintain the inventory stock flow. This maintenance must be done for each inventory branch. The stock flow master definition allows the following:

- Specifying the operations viz. request stock, order stock, receive stock and issue stock, which the inventory branch can initiate on behalf of the other branches
- Maintaining the reorder level, excess level and reorder quantity of the different catalog stocks (at the inventory branch level)

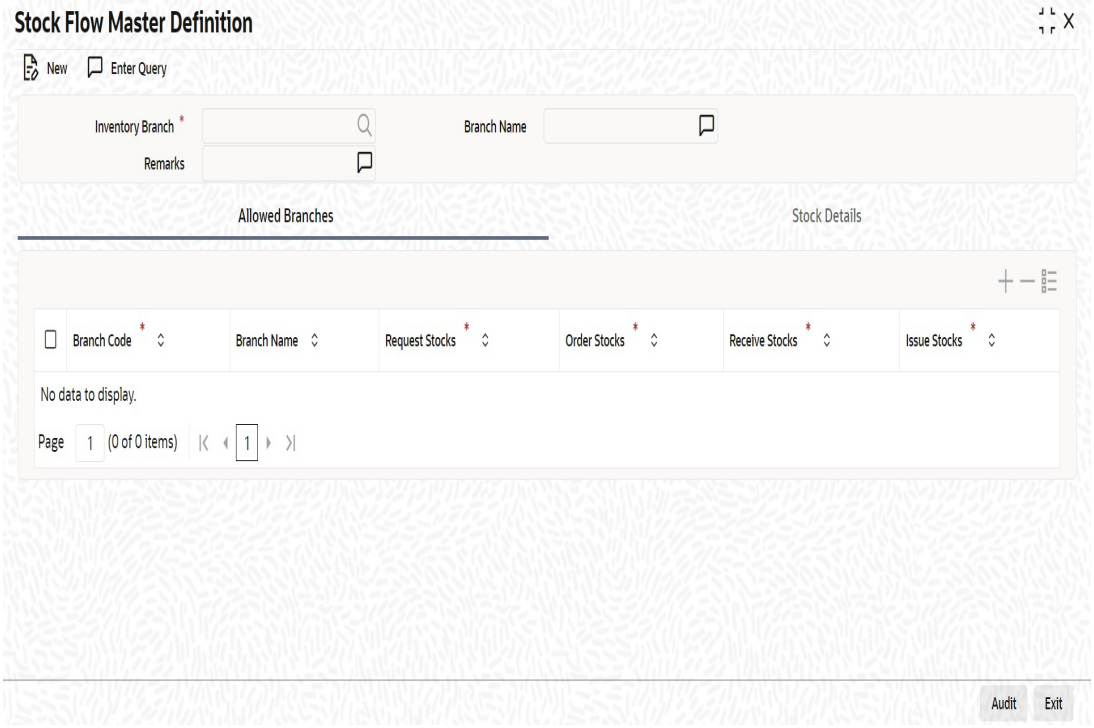
The bank may have different hierarchies, which can be defined using this inventory-branch cross-reference maintenance.

For each inventory branch, the maintenance needs to be done for all the allowed branches/ operations (of which the inventory maintenances can be done from this branch). However, irrespective of this maintenance, all branches can initiate stock requests for their own branch.

For any given branch:

- Request stock operation can be initiated by a maximum of two branches – by itself (irrespective of this maintenance) and by any other inventory branch as per the maintenance.
- Order/Receive/Issue stock operation can be initiated by only one of the inventory branches.
- Inventory branch for each of the operations - Request, Order, Receive, Issue - may be different.

To invoke the ‘Stock Flow Master Definition’ screen, enter ‘IVDSTFMN’ in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



You may need to specify the following details in the above screen.

Inventory Branch

Specify here the Inventory branch, i.e. the branch which will be maintaining the inventory for the allowed branch codes.

Branch Name

The system displays the Branch Name for the selected inventory branch.

Remarks

It’s an optional field for specifying additional remarks for this maintenance which can be used to indicate the logical group name for the inventory branch.

3.5.2 Specifying Inventory Operations for Allowed Branches

You can use the ‘Allowed Branches’ tab to maintain the list of inventory operations which the inventory branch can initiate on behalf of the allowed branches.

Here you can add Branch Code – Branch Name records and maintain the following details for each.

Branch Code

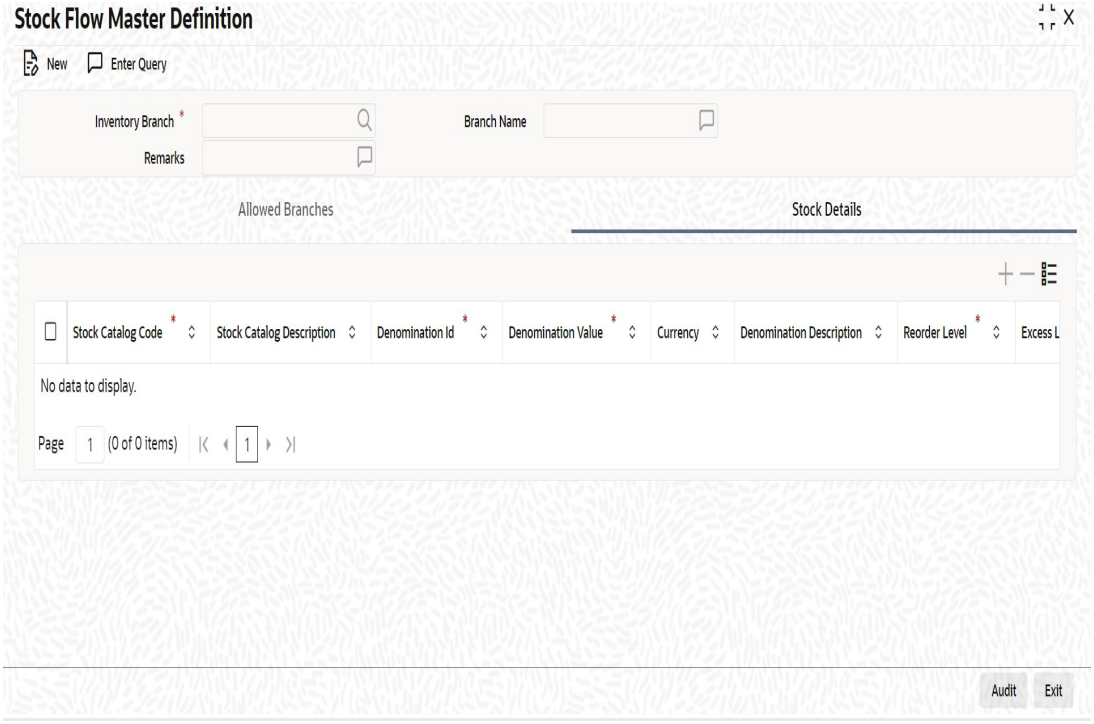
Specify the Branch Code for which the inventory operations need to be maintained. The Branch Name is displayed as per your selection.

Use the following fields to define (specify by selecting Yes/No) the inventory transactions which the Inventory branch can initiate on behalf of the Allowed Branch codes.

- Request Stocks
- Order Stocks
- Receive Stocks
- Issue Stocks

3.5.3 Specifying Stock Details

The ‘Stock Details’ tab section allows for maintaining the reorder level, excess level and reorder quantity of the different catalog stocks (at the inventory branch level).



The above maintenance is optional and applies only to the specified inventory branch. The maintenances done here supersedes the Reorder Level, Excess Level and Reorder Quantity Maintained at the Stock Catalog Definition.

You may specify the following details for each added record in the Stock Details section:

Stock Catalog Code

Select from the adjoining list of options, the Stock Catalog whose stock details you wish to maintain/modify for the specified inventory branch.

Based on your selection the following values are populated. You may modify certain values as per your requirements:

- Stock Catalog Description
- Denomination ID
- Denomination Value
- Currency
- Denomination Description
- Re-order Level
- Excess Level
- Re-Order Quantity

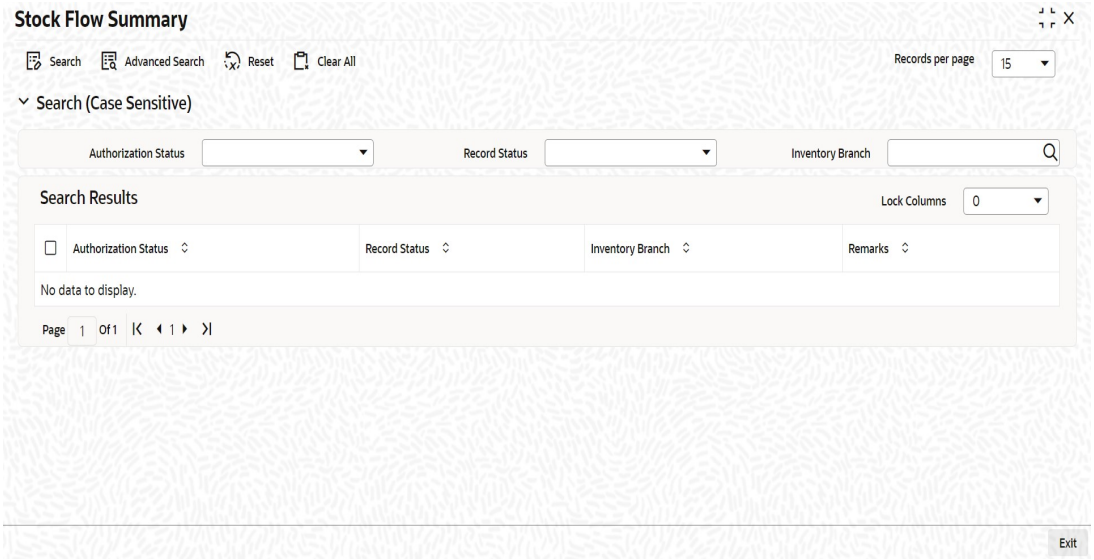
3.5.4 Stockflow Summary screen

You can use the Stockflow Summary) screen to query for Stockflow definition records by specifying the following parameters:

- Authorization Status
- Inventory Branch

- Record Status

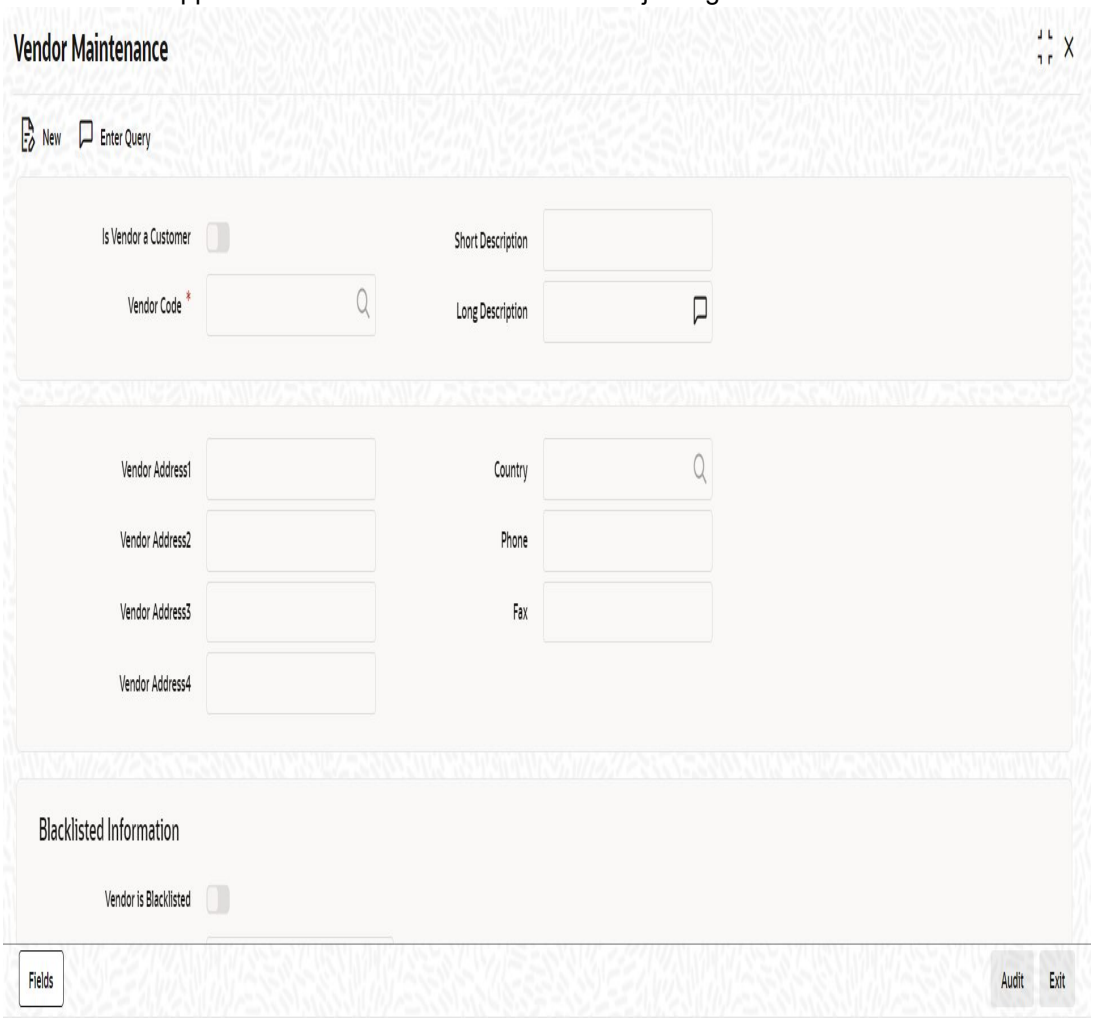
To invoke the ‘Stock Flow Summary’ screen, enter ‘IVSSTFMN’ in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



3.6 Vendor Maintenance

You may enter into contracts with a standard set of vendors who are inventory suppliers. Therefore, you need to specify the details of the vendor every time you enter into a perform a maintenance. To ease this, you can maintain the details of all the vendors with whom you deal in the ‘Vendor Maintenance’ screen. Then, when performing maintenance, you only need to indicate the Vendor ID and all the details maintained for the Vendor will automatically be picked up.

To invoke the ‘Vendor Maintenance’ screen, enter ‘XPDVNDMT’ in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



Under the ‘Stock Details’ section, you can specify whether the vendor is an inventory supplier or not. If the vendor is an inventory supplier then you can record the list of stocks that can be serviced by the vendor.

Is Vendor an Inventory Supplier

If the maintained vendor is an inventory supplier then check this box. You can then proceed to capture the stock codes which can be serviced by this vendor.

Stock Details

Here you can maintain a list of stocks which can be serviced by this vendor/supplier. You may also include all the stocks using the single select check box.

The Stock Catalog Codes displayed will be valid codes as maintained in the stock catalog master maintenance.

Note

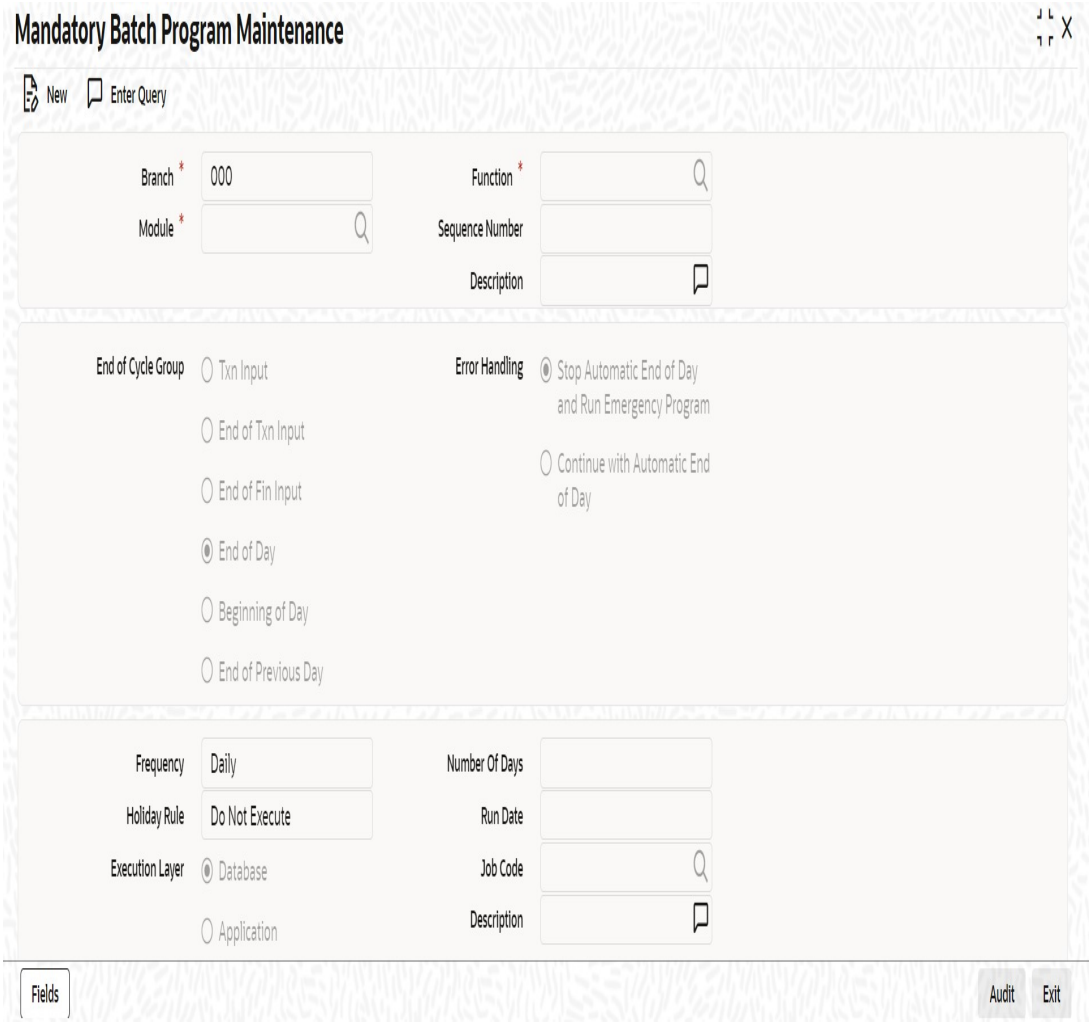
The Request Stock function, explained in the Operations chapter, checks for the valid supplier code. The valid supplier codes are the codes maintained through this supplier codes maintenance. The Order Stock function (explained later) checks if the requested stock can be supplied by this supplier.

For more details on Vendor Maintenance, refer the Core Entities user manual.

3.7 Mandatory Batch Program Maintenance

You need to maintain the 'IVBEODFN' batch process in the Mandatory Batch Program Maintenance screen, so as to get the excess stock and shortage report to be recorded during EOD.

You can invoke the 'Mandatory Batch Program Maintenance' screen by typing 'EIDMANPE' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.



4. Operations

This chapter elaborates upon the operations which can be performed using the function present as part of the Instruments Inventory Tracking (IV) module of Oracle FLEXCUBE. These operations have been elaborated upon in the sections given below.

This chapter contains the following sections:

- Section 4.1, "Request Stocks"
- Section 4.2, "Bulk Request Stocks"
- Section 4.3, "Order Stocks"
- Section 4.4, "Receive Stocks"
- Section 4.5, "Issue Stocks"
- Section 4.6, "Adjust Inventory Balance"
- Section 4.7, "Confirm Receipts"
- Section 4.8, "Balance On Hand Inquiry "
- Section 4.9, "Stock Transactions Inquiry"
- Section 4.10, "Usage Pattern Analysis"
- Section 4.11, "EOD Processing"

4.1 Request Stocks

This section contains the following topics:

- Section 4.1.1, "Requesting Stocks"
- Section 4.1.2, "Request Stocks Summary Screen"

4.1.1 Requesting Stocks

The ‘Request Stocks’ function allows requests to be placed by various departments to the Inventory branch for ordering of stocks. This request is logged and monitored at the inventory branch and an actual order is placed later.

The Request Stocks function records the request for replenishment of stock at the branches. After the inputs are accepted and validated, an indent request reference number is generated for future tracking of this request. The requests are logged and status updated as ‘Open’.

To invoke this screen, enter ‘IVDTXNIR’ in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



The details you need to specify in the above screen are given below.

Request Stock Number

Request stock number is generated by the system, upon Save, and is displayed for further tracking of the request status.

Requesting Branch

Select, from the adjoining list of options, the branch code of the branch for which this request is being made.

Note

If the Requesting Branch is different from the logged-in branch then the logged-in branch should be the inventory branch for request operation.

Stock Catalog Code

Select, from the adjoining list of options, the stock catalog code of the instrument being requested. Once you specify the stock catalog code, the following details are displayed:

- Denomination ID
- Denomination Value
- Currency Code

Quantity

Specify here the quantity being requested.

Request Type

Can be a regular request ‘R’ or an ad-hoc request ‘A’.

Total Value

For stocks that are tracked by denominations, total value is calculated by multiplying quantity with the denomination value.

For stocks that are not tracked by denomination (denomination value as ‘zero’), the total value will be same as quantity.

Remarks

This is a free-text field where you can either justify the need for an ad-hoc request for inventory or provide general remarks. This field is mandatory for Ad Hoc requests and optional for regular requests.

Request For

Use this field to indicate if this indent request is for ‘Purchase’ or ‘Issue’. No system processing logic is associated with this field.

Status

The system specifies one the following statuses for stock requests:

- Open
- In-progress
- Completed

Quantity Issued/Ordered/Received

Displays the quantity ordered, received and issued against this instrument request.

Order/ Receive/Issue Details

These sections display the order/receive/issue logs, respectively, for the indent request. Each record under the sections display the following details:

- Inventory Date
- Stock Number
- Quantity

Click ‘Detail’ button to view the detailed screen for order, issue and receive stocks.

For request closure operation, the request should not be part of any order/ issue transaction. If stock is ordered for this request, then the order transaction has to be closed before closing the request stock transaction. If an issue is made against the request then the request stock transaction cannot be closed.

Note

For request stock transaction, re-open operation is not supported.

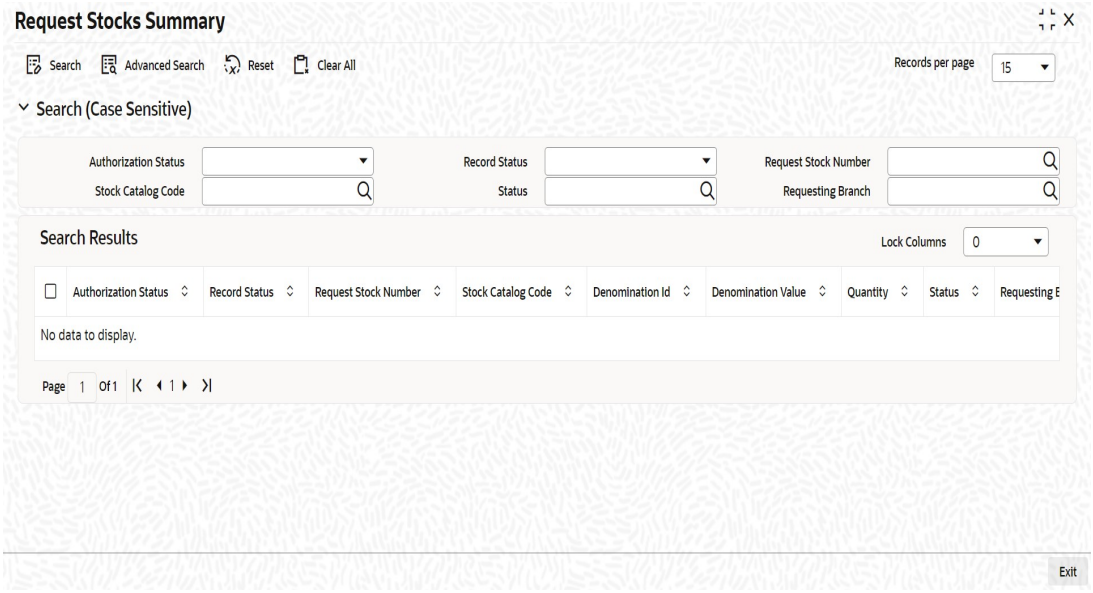
4.1.2 Request Stocks Summary Screen

You can use the 'Request Stocks Summary' summary screen to query for Request Stocks records by specifying the following parameters:

- Authorization Status
- Request Stock Number
- Status
- Record Status
- Stock Catalog Code
- Requesting Branch

The summary screen displays only the requests logged in the current branch.

To invoke the 'Request Stocks Summary' screen, enter 'IVSTXNIR' in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



4.2 Bulk Request Stocks

This section contains the following topics:

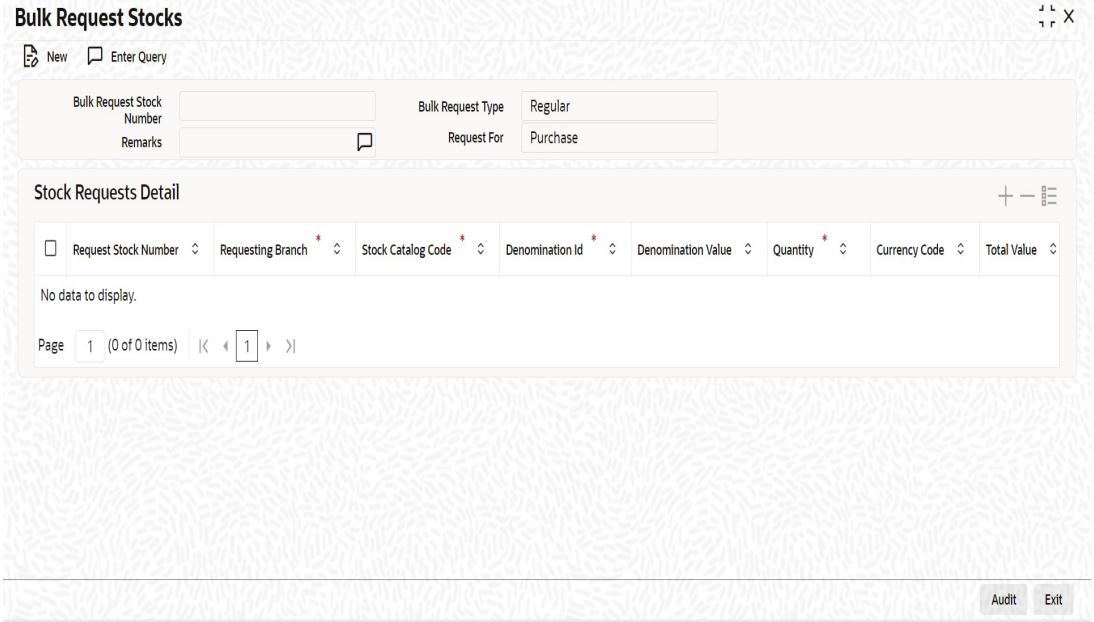
- Section 4.2.1, "Bulk Request for Stocks"
- Section 4.2.2, "Bulk Request for Stocks Summary screen"

4.2.1 Bulk Request for Stocks

You can use the 'Bulk Request Stocks' screen for recording multiple requests at the same time. These requests can be for different stocks, denomination and requesting branch.

The 'Bulk Request for Stocks' function records the multiple requests for replenishment of stock at the branches. After the inputs are accepted and validated, the system generates a bulk request stock number and an individual request stock number for all future tracking of this request.

To invoke the ‘Bulk Request Stocks’ screen, enter ‘IVDTXNBR’ in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



The Bulk Request Stock Number and the Request Stock Number for individual records will be generated by the system and displayed for further tracking of the request status. Bulk request number gets generated upon Save of the transaction. Upon authorization of bulk requests, system generates an auto-authorized individual request stock transaction.

You need to specify the following details in the above screen.

Bulk Request Type

Specify whether the request is a Regular or an Ad-hoc request.

Remarks

Here you may provide general remarks or remark the need for an ad-hoc request for inventory. This field is mandatory for Ad Hoc requests.

Request For

Indicate if this request is for ‘Purchase’ or ‘Issue’. No business logic is associated with this field.

Requesting Branch

Select, from the adjoining list of options, the branch code of the branch for which this request is being made. Requesting branch should be a valid branch code. If the requesting branch is different from the logged-in branch then the logged-in branch should be the inventory branch for request operation.

Stock Catalog Code

Select, from the adjoining list of options, the stock catalog code of the instrument being requested. Once you specify the stock catalog code, the following details are displayed:

- Denomination ID
- Denomination Value
- Currency Code

Quantity

Specify here the quantity being requested.

Total Value

For stocks that are tracked by denominations, total value is calculated by multiplying quantity with the denomination value.

For stocks that are not tracked by denomination (denomination value as 'zero'), the total value will be same as quantity.

The system will not allow modification of an authorized record. Once the bulk request is authorized, further tracking can be done only from individual Request Stock screens. Unauthorized bulk requests can be tracked/modified only from the Bulk Request screen.

In Bulk Request Mode, closure operation is not supported. Only individual request has to be closed using request stock screen provided order operation is not done for that particular request.

Note

For bulk request stock transaction, re-open operation is not supported. System will not allow modification of an authorized record. Once the bulk request is authorized, further tracking will be facilitated only from the individual request stock screen. Unauthorized bulk request can be tracked/modified only from the bulk request screen.

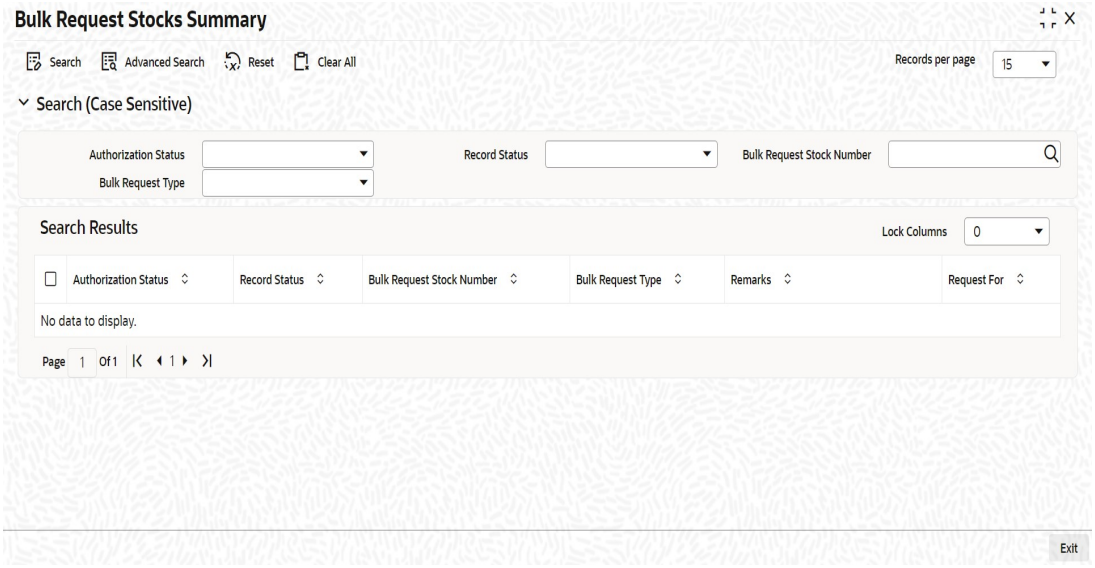
4.2.2 Bulk Request for Stocks Summary screen

You can use the 'Bulk Request for Stocks - Summary' screen to query for Bulk Request records, by specifying the following parameters:

- Authorization Status
- Bulk Request Stock Number
- Record Status
- Bulk Request Type

The system will display only the bulk requests logged in the current branch.

To invoke the 'Bulk Request Stocks - Summary' screen, enter 'IVSTXNBR' in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



4.3 Order Stocks

This section contains the following topics:

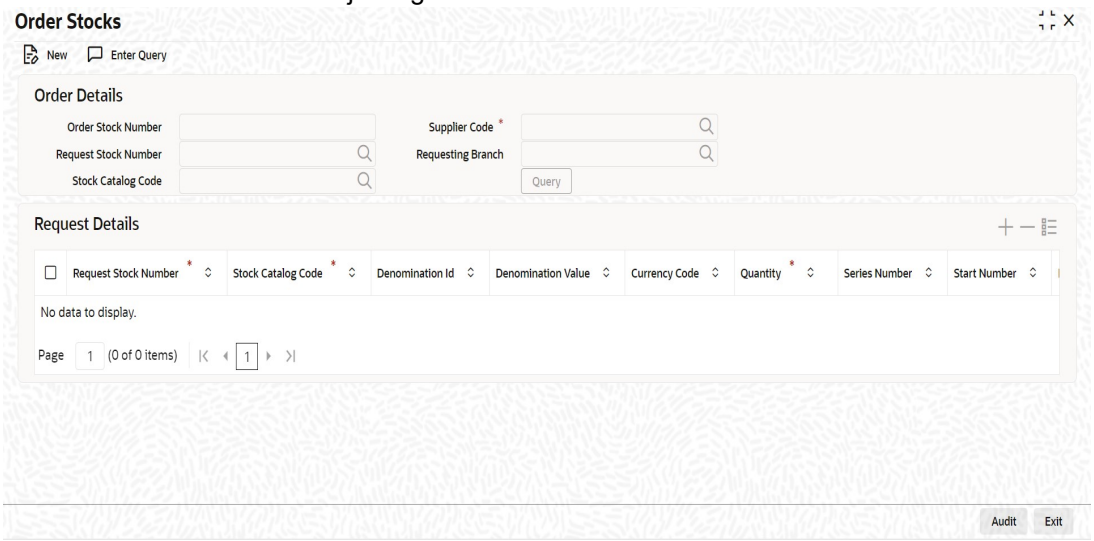
- Section 4.3.1, "Ordering Stocks"
- Section 4.3.2, "Order Stocks Summary Screen"

4.3.1 Ordering Stocks

You can use the 'Order Stocks' screen, to place purchase orders to suppliers, by considering the current stock levels in the inventory branch and the requests received from various branches.

The details of the purchase order are captured and tracked for receipt.

To invoke this screen, enter 'IVDTXNOR' in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



The details you need to specify in the above screen are explained below.

Order Stock Number

The Order Stock Number is generated, upon Save, for all future tracking of the status of the purchase order.

Request Stock Number

All purchase orders are placed against indent requests received from branches. So, for each purchase order, the indent request reference is accepted as input and the details are automatically displayed. Multiple indent requests can be combined in a single purchase order.

The Request Stock Number should be valid and should not be in 'Completed' status. All indent requests in an order stock transaction should have the same inventory branch for receiving stocks.

Use the adjoining list to specify the Request Stock Number.

Supplier Code

Select, from the adjoining list of options, the supplier code.

Requesting Branch

This field displays the list of branches for which the logged-in/current branch is the inventory branch for Order Stock operations.

Stock Catalog Code

Select, from the adjoining list of options, the stock catalog code.

You can now query, by clicking 'Query' button, the list of unfulfilled indent requests based on the Request Stock Number/ Stock Catalog Code/ Supplier Code / Requesting Branch specified.

When queried based on the Supplier Code, all indent requests which can be serviced by the selected supplier and ordered by the current branch will be displayed.

Series Number

You may specify here a separate series that is normally pre-printed on an entire book or pad of stationery. Series number will be accepted only for Traveller's Cheques.

Start Number and End Number

Record the start/end number of the ordered stocks here. If auto-serial number is set for the stock code then the system will auto-generate the start and end numbers. Otherwise, the system allows to input start number only and end number gets defaulted based on the value provided for the quantity.

Quantity

You can modify the quantity of stocks ordered. It should be positive-non-zero value and should be less than or equal to the unfulfilled quantity of the request.

Total Value

This value is computed based on denomination value, quantity and denomination tracking indicator.

Upon confirmation of order details status of the indent requests that form part of the purchase order is updated to 'In Progress'.

For order closure operation, the order should not be part of any Receive Stock transaction.

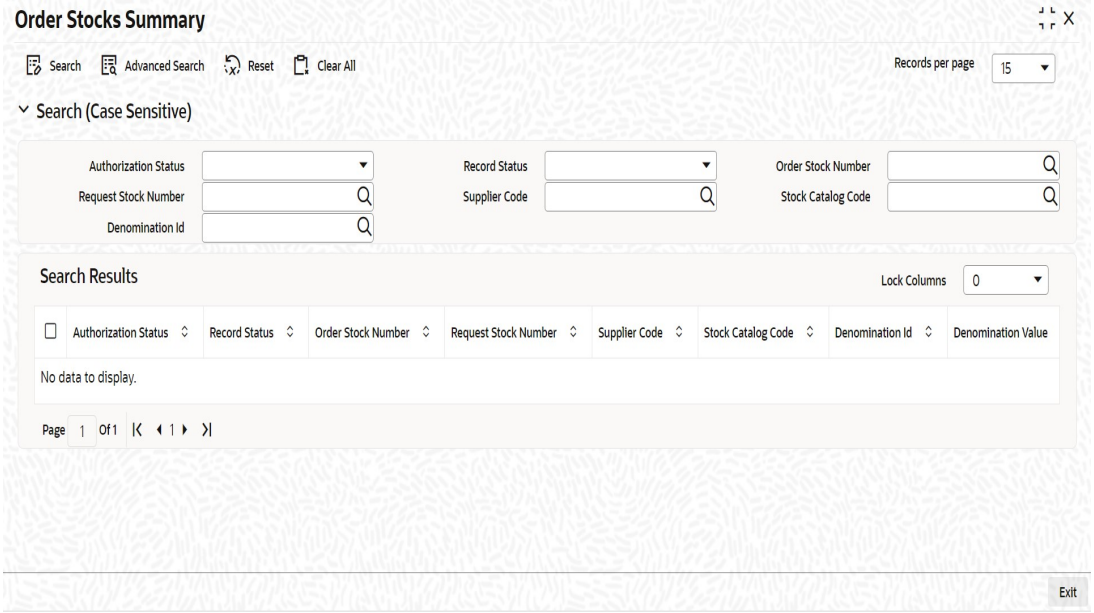
For order stock transaction, re-open operation is not supported. System will not allow modification of an authorized record, it can only be closed.

4.3.2 Order Stocks Summary Screen

You can use the 'Order Stocks Summary' screen to query for Order Stocks records, by specifying the following parameters:

- Authorization Status
- Record Status
- Order Stock Number
- Request Stock Number
- Supplier Code
- Stock Catalog Code
- Denomination ID

To invoke the ‘Order Stocks Summary’ screen, enter ‘IVSTXNOR’ in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



4.4 Receive Stocks

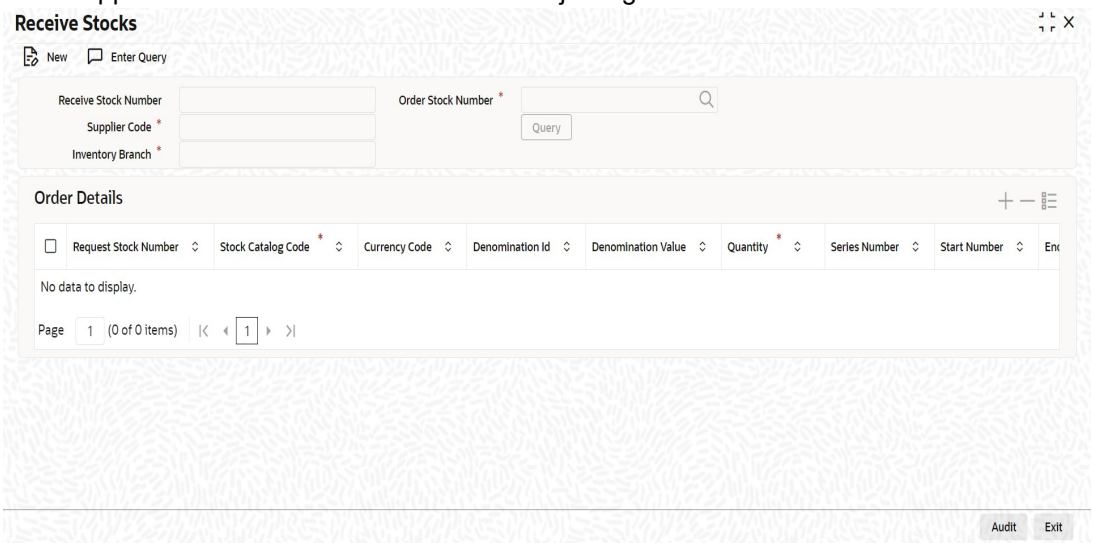
This section contains the following topics:

- Section 4.4.1, "Receiving Stocks"
- Section 4.4.2, "Receive Stocks Summary Screen"

4.4.1 Receiving Stocks

You can use the ‘Receive Stocks’ screen for recording of inventory added to your existing stock. The receipt of stocks would be against a purchase order reference, which in turn would be based on an indent request from branch. This reference number can be used to quickly update the receipt of stocks.

To invoke the ‘Receive Stocks’ screen, enter ‘IVDTXNRO’ in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



This function updates the balance in hand for the stocks that are received. It also updates the status of the purchase order. Received stocks can be issued against a request or can be transferred to another branch and then issued.

You need to specify the following details in the above screen.

Order Stock Number

Since stocks are received against purchase orders, this screen accepts the order stock number as input.

All un-fulfilled purchase orders, which can be processed by the logged-in branch, are available in the adjoining list of values for selection. When the purchase order reference is selected, all the relevant details of the order are displayed. You can then proceed to modify quantities and accept receipt.

Supplier Code and Inventory Branch

Supplier Code And Inventory Branch will be defaulted based on the order stock number. By default, all new inventory received is logged under the inventory branch which ordered the stocks. After that when transfer happens, the location of the inventory automatically changes.

Quantity

For the first stock receipt against the specified order number, the ordered quantity will be defaulted here.

For subsequent receipts the system will not default the quantity. You will need to manually specify it. The Quantity specified cannot be more than what was ordered in the purchase order.

Series Number, Start Number and End Number

The series number cannot be modified. You can modify the start number, but the same should be within the range specified during the order. The End Number will be defaulted based on the quantity received.

Total Value

This is computed based on denomination value, quantity and denomination tracking indicator. For stocks that are tracked by denominations, Total Value is calculated by multiplying the received quantity with the denomination amount

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Note

- The Quantity Received and Start Number are the only fields that can be modified.
- For receive stock transaction, close and re-open operations are not supported. System will not allow modification of an authorized record.

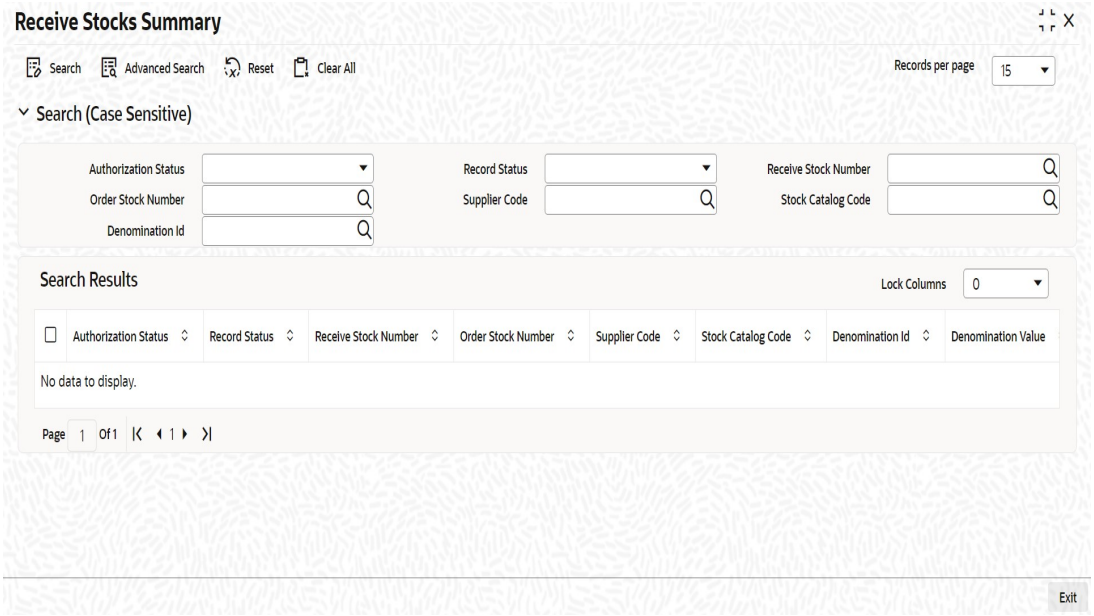
4.4.2 Receive Stocks Summary Screen

The ‘Receive Stocks Summary’ screen can be used to query for Receive Stocks records, be specifying the following parameters:

- Authorization Status
- Record Status
- Receive Stock Number
- Order Stock Number
- Supplier Code
- Stock Catalog Code

- Denomination ID

To invoke the ‘Receive Stocks Summary’ screen, enter ‘IVSTXNRO’ in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



4.5 Issue Stocks

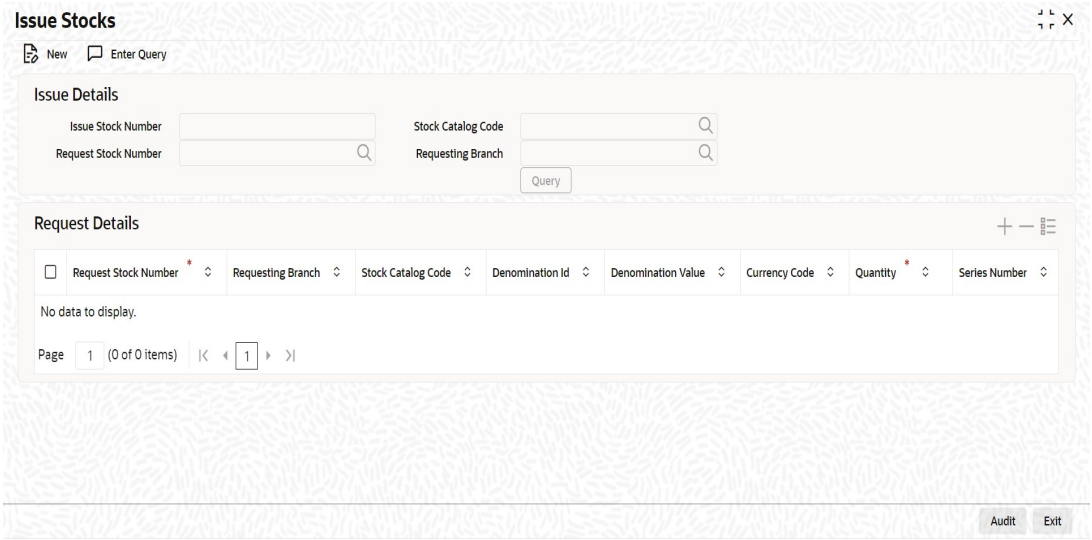
This section contains the following topics:

- Section 4.5.1, "Issuing Stocks"
- Section 4.5.2, "Issue Stocks Summary screen"

4.5.1 Issuing Stocks

You can use the ‘Issue Stocks’ screen for the distribution of existing inventory to the various departments within the bank. Stocks are issued against indent requests from branch. This reduces the stock in inventory branch and the stock quantity is tracked against the specified re-order level.

To invoke the ‘Issue Stocks’ screen, enter ‘IVDTXNRI’ in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



The ‘Issue Stocks’ function acts like a transfer transaction of stocks between Inventory branch and requested branches. It increases the balance in hand at branches for the stocks that are issued and decreases the same simultaneously at the Inventory location. It also updates the status of the indent request.

The above screen is detailed below.

Request Stock Number

Since stocks are issued against indent requests, this screen accepts the Indent Request reference number as input. All un-fulfilled indent requests are available in a pick list for selection.

Stock Catalog Code and Requesting Branch

You can also perform the query by specifying the Stock Catalog Code and Requesting Branch.

You can then modify the quantities, record the respective instrument numbers and issue the stocks.

Quantity

The quantity that was requested is defaulted. You may modify the quantity issued for the denomination, if needed. However the quantity cannot be more than what was requested in the indent request.

Series number, Start number and End number

The series number cannot be modified. You can modify the start number, but the same should be within the range as per the balance availability. The end number will be defaulted based on the quantity received.

Total Value

This value is calculated based on issued quantity, denomination value and denomination tracking indicator.

Note

The Quantity Issued and Start Number are the only fields that can be modified.

When a request indent is queried, all the items in the request indent are displayed and system allows modification of certain fields as mentioned above. All new issues are automatically logged under the branch location that requested for it.

An indent request may be serviced by existing stocks or against new purchase orders. For stocks that are tracked by denominations, total value is calculated by multiplying received quantity by the denomination amount.

Note

For issue stock transaction, close and re-open operation are not supported. System will not allow modification of an authorized record.

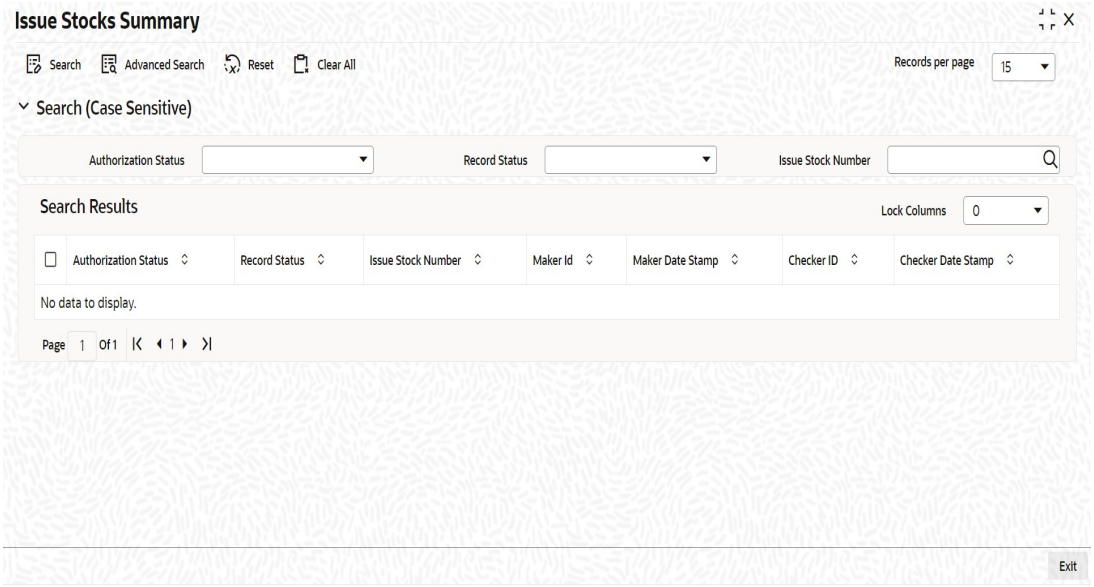
4.5.2 Issue Stocks Summary screen

You can use the ‘Issue Stocks Summary’ screen to query of Issue Stocks records, by specifying the following parameters:

- Authorization Status

- Record Status
- Issue Stock Number
- Request Stock Number
- Stock Catalog Code
- Denomination ID

To invoke the 'Issue Stocks Summary' screen, enter 'IVSTXNRI' in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



4.6 Adjust Inventory Balance

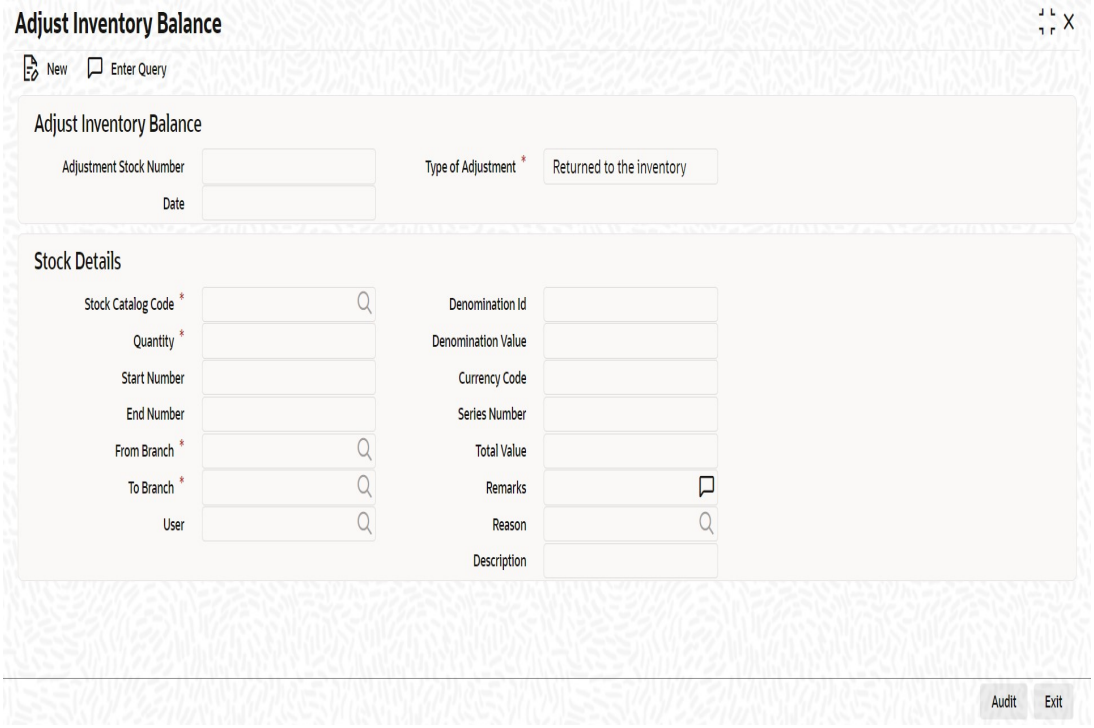
This section contains the following topics:

- Section 4.6.1, "Adjusting Inventory Balance"
- Section 4.6.2, "Adjust Inventory Balance Summary screen"

4.6.1 Adjusting Inventory Balance

You can use the 'Adjust Inventory Balance' screen for any adjustments to be made after an issue or receipt of inventory. These adjustments may be needed when returning certain items from the vendor or when the bank's departments return them to the main inventory control.

To invoke the ‘Adjust Inventory Balance’ screen, enter ‘IVDTXNAS’ in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



The above function changes the current location and status of the instruments. The Adjustment Stock Number is automatically generated by the system. Specify the following details in the above screen.

Type of Adjustment

Select the Adjustment Type from the adjoining drop-down list. Adjustment Type can be one of the following:

- Returned to the inventory – Here the inventory will be re-usable. This type is chosen due to one of the following reasons:
  - Due to excess stock
  - Rejection due to mismatch between requested and received stock
  - Stock transfer between branches or other reasons
- Cancelled – Choose this when instrument is cancelled/ torn/mutilated/misprinted/ stopped. The instrument in this case cannot be reused.
- Lost or misplaced inventory – Choose this when instruments are lost or misplaced in transit within the bank. The instrument can be re-sued after changing the status.
- Found – Choose this to change from the instrument status from lost to usable status.
- MC - User to Branch
- MC - Branch to User

The system performs the following validations based on adjustment type entered:

- Returned to the inventory – Instruments have to be in unused status
- Cancelled – Instruments have to be in unused status
- Lost or misplaced inventory – Instruments have to be in unused status
- Found – Instruments have to be in lost status

Date

The system displays the current system date maintained in the system.

Stock Catalog Code

Specifying the Stock Catalog Code here by selecting it from the adjoining list. You can then modify quantities, record respective serial numbers and change the start numbers if needed.

Once you have specified the Stock Catalog Code, the following details are displayed:

- Denomination ID
- Denomination Value
- Currency Code
- Total Value

Quantity

The quantity issued is defaulted. You may modify the quantity issued for the denomination, if needed. However the quantity cannot be more than what was issued.

Series number, Start number and End number

You may specify the Series Number here. You can also modify the start number, but the same should be within the range as per the balance availability. The end number will be defaulted based on the quantity.

Total Value

This value is calculated and displayed based on quantity and denomination value and denomination tracking indicator. For stocks that are tracked by denominations, total value is calculated by multiplying received quantity by the denomination amount.

Remarks

You can enter free text here to describe the need for adjustment.

From Branch and To Branch

Specify the From Branch and To Branch for stock adjustment. Note that:

- For Cancelled and Lost adjustment types, the From and To branch will be same.
- For adjustment type ‘Found’, the ‘From Branch’ would be branch which had lost the specified stock and the ‘To Branch’ would be the current logged-in branch.
- The From and To branch is same for ‘MC - Branch to User’ and ‘MC – User to Branch’ adjustment types.

Instruments should be available in the branch mentioned in ‘From Branch’.

All instruments must have valid series, start and end numbers along with the above validations.

For stock adjustment transaction, close and re-open operation are not supported. System will not allow modification of an authorized record.

For Millionaire Instruments transfer, adjustment types ‘MC - Branch to User’ and ‘MC – User to Branch’ are used for stock codes with instrument type as ‘Millionaire Certificate’.

Maintain Home branch of the customer as ‘From Branch’ and ‘To Branch’.

User

Specify a valid application user maintained in the system to perform the transfer of instrument who has a Till attached for the respective Branch.

For adjustment types ‘MC - Branch to User’ and ‘MC – User to Branch’, User Id is mandatory.

If the adjustment type is 'MC - Branch to User', then you have to maintain an adjustment inventory balance record before issuing the term deposit certificates.

Note

For status change of a denominated deposit certificate before issuance of a denominated deposit, you need to use the ‘Adjust Inventory Balance’ screen only if the ‘Allow Inventory Tracking’ check-box in the ‘Bank Parameters Maintenance’ screen (STDBANKP) is checked.Once the denominated deposit certificates are issued, there will be no further status update in Inventory module for the certificates. The status tracking and changes will be done using the STDCUSTD screen.

Reason

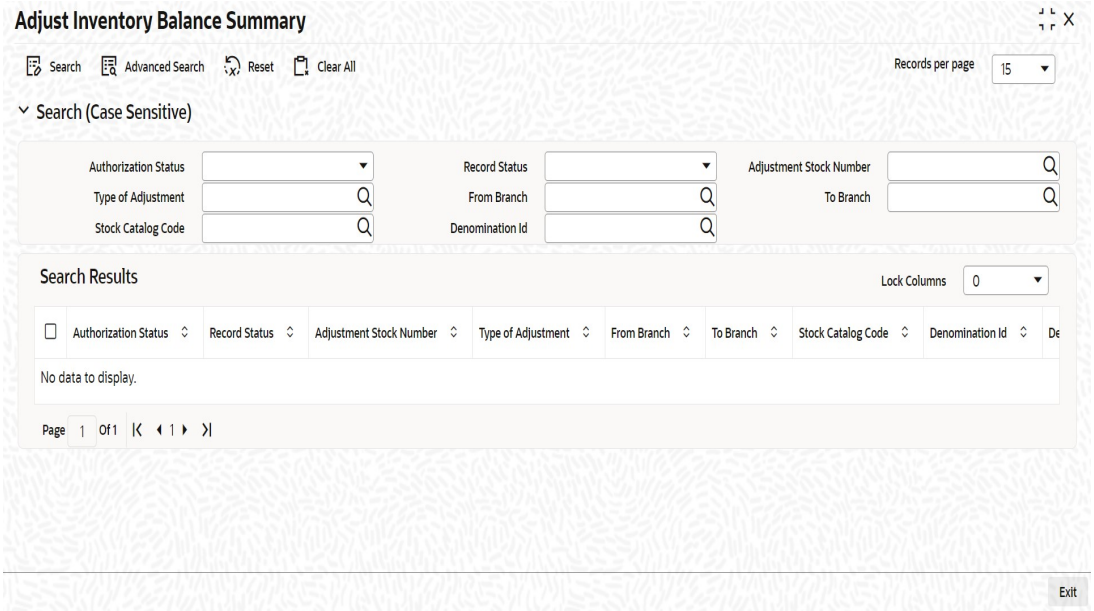
Specify the reason for performing inventory balance adjustment. Alternatively, you can select the reason from the option list. The list displays all valid reason codes maintained in the system.

4.6.2 Adjust Inventory Balance Summary screen

You can use the ‘Adjust Inventory Balance Summary’ screen (IVSTXNAS) to query for Adjustment Stock records, by specifying the following parameters:

- Authorization Status
- Record Status
- Adjustment Stock Number
- Type of Adjustment
- From Branch
- To Branch
- Stock Catalog Code
- Denomination ID

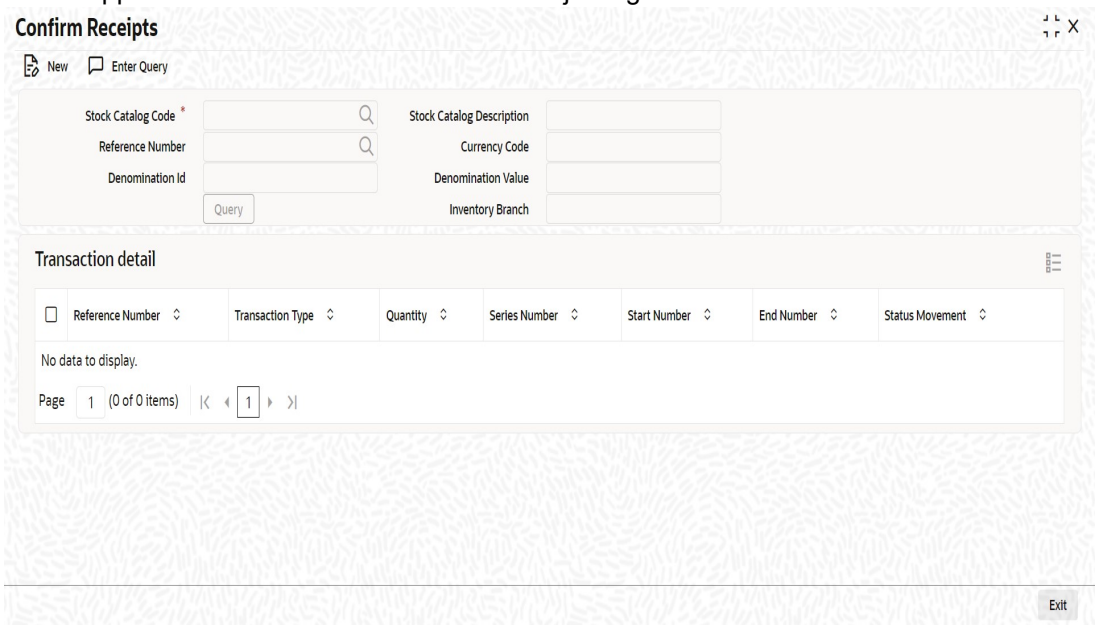
To invoke the ‘Adjust Inventory Balance Summary’ screen, enter ‘IVSTXNAS’ in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



4.7 Confirm Receipts

You can use the ‘Confirm Receipts’ function to acknowledge the physical receipt of stock which is issued or transferred (Stock adjustment – returned to the inventory) to the current branch. Instrument receipt confirmation marks the instrument as available for issue to customers.

To invoke the ‘Confirm Receipts’ screen, enter ‘IVDCONFR’ in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



You can query for and retrieve the stocks to be confirmed / rejected based on the Stock Catalog Code, Denomination ID and Reference Number.

Stock Catalog Code

You can perform a query based on the Stock Catalog Code.

Reference Number

Specify the issue/transfer stock transaction number. Only stock transactions which are issued or transferred to the current branch will be displayed. Reference number should be a valid issue stock transaction number or adjustment stock transaction number with type of adjustment as ‘Returned to the inventory’.

Upon specify the Stock Catalog Code, the following details are displayed:

- Denomination ID
- Stock Catalog Description
- Currency Code
- Denomination Value

Inventory Branch displays the current branch.

Once you have specified the Stock Catalog Code, and if needed the Reference Number, click ‘Query’ button. Upon querying, the system displays only the stock details which are yet to be accepted by the current branch. System will not display the stock details which are already accepted or rejected. This function does not log the transaction details in the Audit Trail. System will log the confirm receipt transaction details (with user-id and transaction date timestamp) separately.

Transaction Details - Status

Specify the status here. You can either accept or reject the instrument. Upon accepting the instruments, it will be made available for issue to customer. If user rejects the stocks then the status of the instrument will be marked as ‘Lost’.

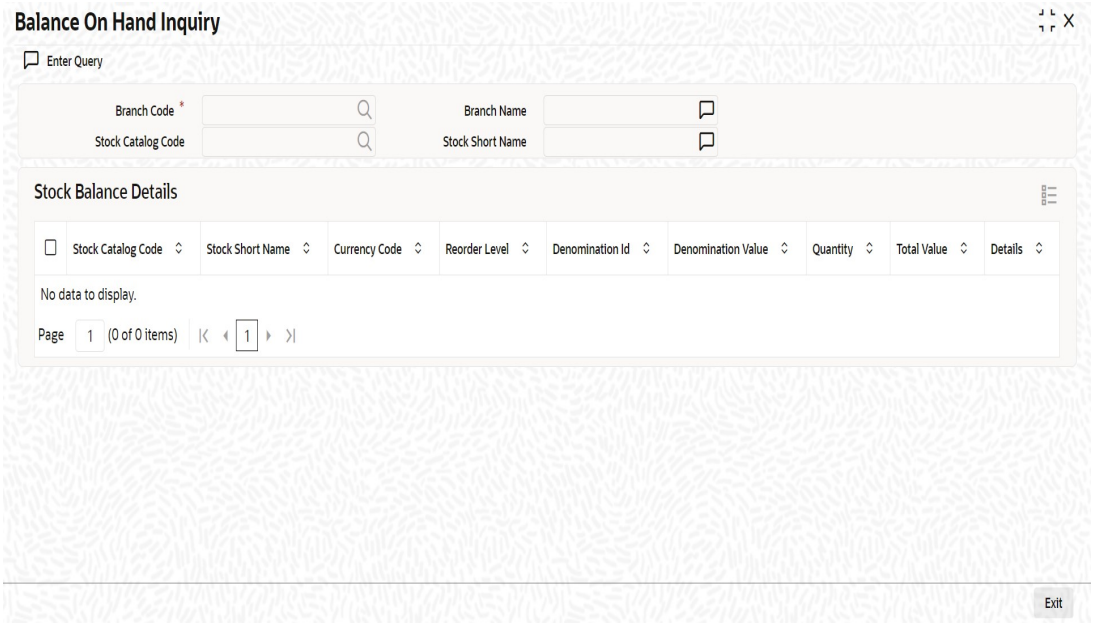
The Instrument Receipt Confirmation marks the instrument as available for issue to customers.

No authorization is required for Confirm Receipts transactions. Upon Save, the balance gets updated for that particular stock code.

4.8 Balance On Hand Inquiry

You can use the ‘Balance on Hand Inquiry’ screen to view the current balance stock in a denominations and serial numbers wise break down. The query results are based on the requesting Branch.

To invoke the ‘Balance on Hand Inquiry’ screen, enter ‘IVDBALIN’ in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



Branch code

Specifies the branch for which the query is requested.

Stock code

Specifies the stock code for which the balance is requested.

The query results will be for the requesting branch code. This function allows inquiry operation only. The respective branch’s current balance for each type of stock catalog will be displayed with the breakdown of denominations and value for each denomination.

When the user clicks on the ‘Details’ button for a stock catalog code, the denomination-wise balance units will be displayed for each series, along with the total value in each series and stock status.

Valid values of stock status are:

- Received Stocks – represents the stocks that are received by the inventory branch from supplier/vendor. Received stocks can be transferred (Stock adjustment with ‘Returned

to inventory' type) or issued to other branches. Transfer of these stocks would not change the status. Received stocks should finally undergo stock issuance and confirmation to become valid usable stocks.

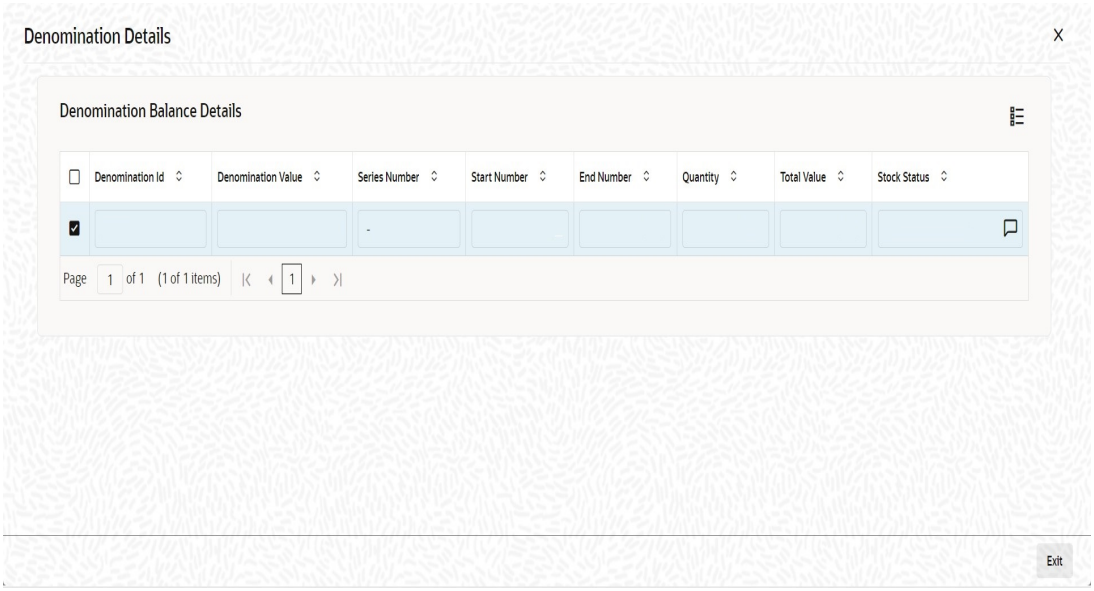
- Issued Stocks – represents the stocks that are issued by the inventory branch to the current branch. Upon confirming the receipt of these stocks, the stocks would become valid usable stocks.
- Confirmed Stocks – Valid usable stocks held in the current branch.

Stock Balance Details

The following fields are displayed in multiple rows:

- Stock Catalog Code and Stock Short Name - Shows the stock code and stock short name for which the balance is displayed.
- Currency Code - This is the currency code defined for this stock in the stock catalog master.
- Re-order value - This is the re-order value defined for this stock in the stock catalog master. This is in number of units.
- Denomination ID
- Denomination Value
- Quantity - Denomination-wise balance is displayed. E.g. If the stock is passbook, then the balance will be in number of passbooks If the stock is TC, then the balance will be the number of TC leaves per denomination.
- Total value - Displays the total value of the denomination.
- Details (button) - Displays the series-wise details
- Denomination ID and value
- Series number
- Start number
- End number
- Quantity
- Total value

For every Stock Balance Details records, click the 'Details' button alongside to view the Denomination Details.



The Denomination Details screen displays the following information as part of Balance Details for a particular Denomination:

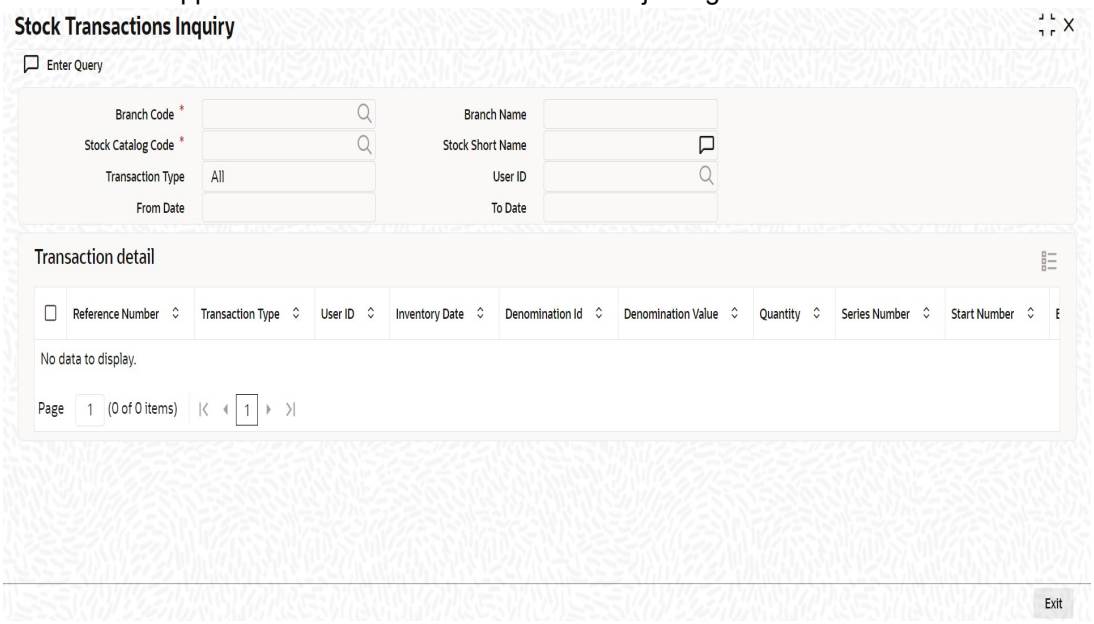
- Denomination ID
- Denomination Value
- Series Number
- Start Number
- End Number
- Quantity
- Total Value
- Stock Status

4.9 Stock Transactions Inquiry

You can use the 'Stock Transactions Inquiry' screen to query on the transactions that have happened on a stock code during a period.

This function allows Inquiry operation only. It displays all the transactions that have happened in the branch for the specified stock within the specified date range.

To invoke the 'Stock Transactions Inquiry' screen, enter 'IVDSTKIN' in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



Branch code

Specify a valid branch code here.

User ID

Identify the user (maker-id) for which the query is requested. If the User Id is left blank it will show the transactions for all users within that branch.

User id will be validated against the user profile for existence.

Stock catalog code

Specify the stock code for which the query is requested. Stock catalog code should be a valid stock code in stock catalog master.

From Date

Specify the starting date of the period for which the query is done.

To Date

Specify the ending date of the period for which the query is done.

The 'To Date' should be greater than or equal to 'From Date'. Both dates cannot be greater than the application date.

Transaction Type

This input can be used to further narrow down the query results or display all transaction types. It can be chosen to display all receipts, all issues or the full transaction set.

- 'All receipts' includes stocks received by the branch, stocks issued to the branch, stocks returned to the branch (Adjustment stock transaction with type as 'Returned to inventory' and/or 'Found').
- 'All issues' includes stocks issued from the branch, stocks returned from the branch (Adjustment stock transaction with type as 'Returned to inventory' and/or 'Lost').
- Full transaction set will include 'All receipts' and 'All issues'.

Type of transaction should be 'R' – receipts, 'I' – issues and 'A' – all.

After the query input fields are validated, the following fields are displayed in the input frame.

- Reference Number - Displays the receive stock number/ issue stock number/ stock adjustment number as applicable.
- Transaction Type - Displays the type of stock transaction.
- User Id - Displays the maker-id of the stock transaction.
- Inventory date - Displays the maker-date of the stock transaction.
- Denomination ID
- Denomination Value
- Quantity
- Series number
- Start number
- End number
- Total value - Displays the denomination details for the stock transaction.

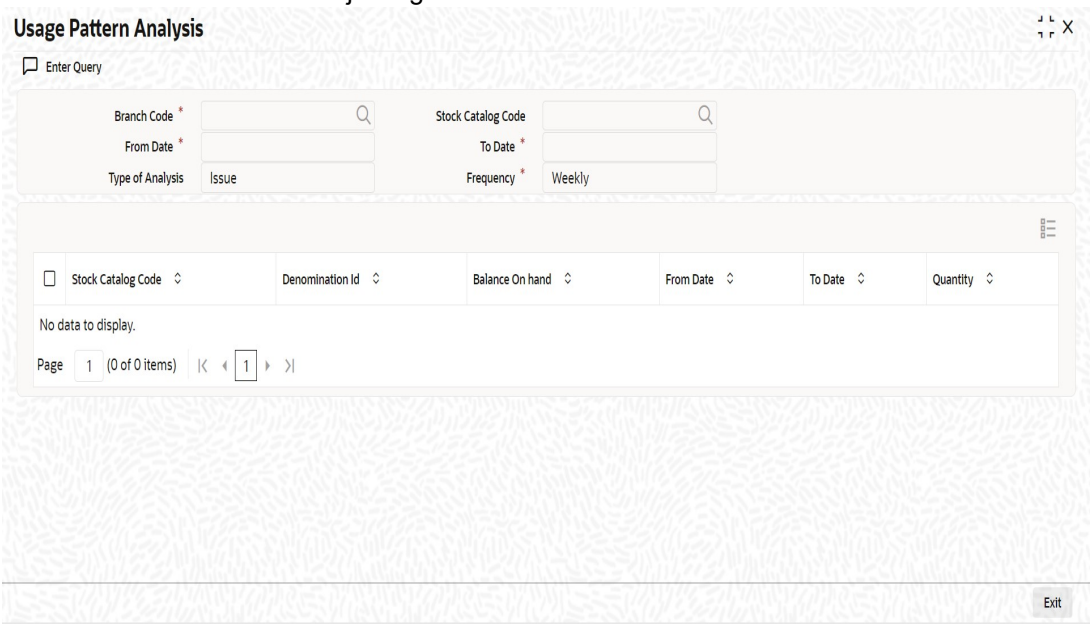
Note

For denominated deposit certificates, the Stock Transaction Inquiry screen (IVDSTKIN) provides the transaction details only till the issuance of the certificates to a deposit account. Once the certificate is issued, there will be no further update on the status of the certificate available from this screen.

4.10 Usage Pattern Analysis

You can use the 'Usage Pattern Analysis' screen to query and display the details of stock usage across periods.

To invoke this screen, enter ‘IVDUSPIN’ in the field at the top right corner of the Application Toolbar and then click the adjoining arrow button.



This function allows Inquiry operation only. This function displays the denomination-wise balance on hand and the quantity utilized for the specified date range with the frequency-wise break down. If frequency is monthly then it’s advisable to give the start of the month as ‘From Date’ otherwise system derived ‘From Date’ and ‘To Date’ may not be synchronized.

Type of analysis

Type of analysis can be Issue or Receive. Specify one from the following:

- Issue – includes stocks issued from the branch, stocks returned from the branch (Adjustment stock transaction with type as ‘Returned to inventory’ and/or ‘Lost’).
- Receive – includes stocks received by the branch, stocks issued to the branch, stocks returned to the branch (Adjustment stock transaction with type as ‘Returned to inventory’ and/or ‘Found’).

From date and To date

Specify here the date range for the inquiry.

Frequency

For usage pattern analysis, stock usage within the specified date range will be grouped based on pre-defined frequencies (viz. Weekly, Fortnightly, Monthly, Quarterly, Half-yearly and yearly).

Balance On Hand

Balance on hand displays the current balance of the stock and denomination.

Quantity

Quantity displays the usage level per frequency.

The above inquiry is based on the requesting branch, stock code, date range and type of analysis. All the stock issues/receipts made by requesting branch, during the date range, will be grouped under a pre-defined frequency and displayed.

4.11 EOD Processing

The following EOD activities will be present in the End of Financial Input group.

This section contains the following topics:

- Section 4.11.1, "Re-order Level Alerts"
- Section 4.11.2, "Excess Level Alerts"

4.11.1 Re-order Level Alerts

EOD processing will fetch the re-order level and the re-order quantity from the Stockflow Definition (if available) or Stock Catalog Master Definition. For an inventory branch, levels maintained at Stockflow Definition will supersede the levels specified in stock catalog master definition. For a non-inventory branch, system will apply the levels specified in Stock Catalog Master Definition.

System will calculate the balance on hand for each stock code and denomination. System will compute the projected quantity to be received from inventory branch (unfulfilled request quantity).

If the sum of balance on hand and projected quantity is less than or equal to the re-order level then system will generate an auto-authorized Request Stock transaction for the specified re-order quantity with Transaction Date as next working date.

Re-order Alert will be logged in the system, and can be viewed using BI reports.

4.11.2 Excess Level Alerts

EOD processing will fetch the excess level from the Stockflow Definition (if available) or Stock Catalog Master Definition. For an inventory branch, levels maintained at Stockflow Definition will supersede the levels specified in Stock Catalog Master Definition. For a non-inventory branch, system would apply the levels specified in Stock Catalog Master Definition.

System will calculate the balance on hand for each stock code and denomination. If balance on hand is greater than the excess level then the system will log an excess level alert. BI reports can be used to view the logged alerts.

5. Interfaces and Gateways

This chapter gives you information regarding the interfaces, gateways and the corresponding maintenances to be made.

This chapter contains the following sections:

- Section 5.1, "Generic Interface"
- Section 5.2, "Interface with CASA Module for Cheque Book Issue"
- Section 5.3, "Interface with Teller Module"
- Section 5.4, "Gateway Services and Operations"

5.1 Generic Interface

The IV module interfaces with other modules of Oracle FLEXCUBE during the Online Transactions. The interface allows for the following processes.

Get Next Available Instrument(s) from Inventory

Inputs to interface:

- Stock Catalog Code
- Denomination ID
- Instrument Type
- Currency
- Issuer Code
- Branch Code
- Quantity

Outputs from interface:

- Success/Failure status
- Series Number
- Start Number
- End Number
- Total Value

Processing done by the system includes:

- Checking the request details
- Searching the inventory for the next available valid number or series of the instruments.
- Sending back the next instrument number or the next available series with the denomination details if present.
- Raising an error message if the requested stock cannot be serviced.

Update the instrument(s) status in the inventory (Update Inventory Status)

Inputs to interface:

- Stock Catalog Code
- Denomination ID
- Instrument Type
- Currency
- Issuer Code

- Branch Code
- Quantity
- Series Number
- Start Number
- End Number
- Instrument Status

Outputs from interface:

- Success/Failure

Processing done by the system includes:

- Checking the request details.
- Updating the inventory for the inputted instruments or series of instruments with the denomination details if present.
- Sending back the reply code.

5.2 Interface with CASA Module for Cheque Book Issue

The CASA module will interface with the inventory module during cheque book issue. It will automatically use the next available series that is available for issue. It will also update the status of each stock in the inventory as issued to a customer.

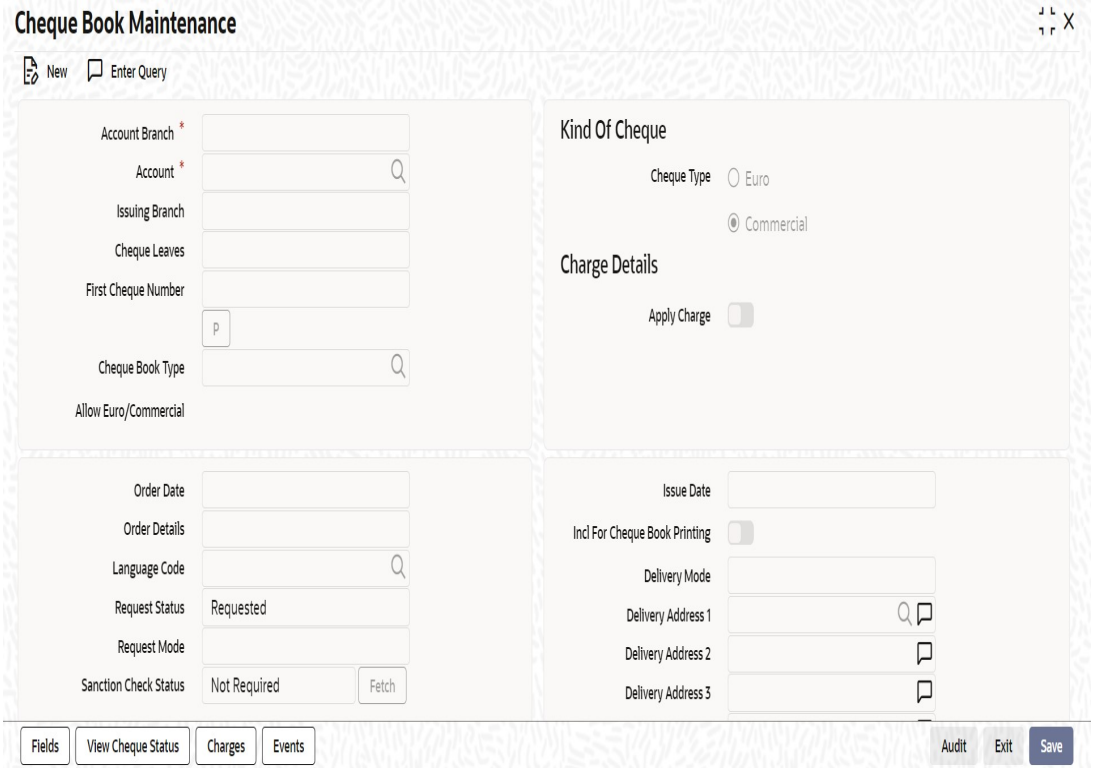
This section contains the following topics:

- Section 5.2.1, "Interface Inputs"
- Section 5.2.2, "Interface Validation"
- Section 5.2.3, "Interface Outputs"

5.2.1 Interface Inputs

The following are the inputs for the interface with CASA module. The inputs will be taken from the Cheque Book Maintenance screen.

You can invoke the ‘Cheque Book Maintenance’ screen by typing ‘CADCHBOO’ in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.



Account Branch

The system displays the selected Account's branch code.This is a read-only field defaulted on selecting Account.

Account

Specify the account number of the customer to whom you are issuing a Cheque book in the Account Number field. The adjoining option list displays all customer account numbers maintained across all branches which are enabled for cheque book issuance.

You can choose the appropriate one.Highlight the customer’s account number, and click ‘Ok’ button to select.

To view the joint holder’s details of an account and the mode of operation maintained at the account level, place the cursor on the ‘Account Number’ field and press Ctrl+J. The system displays the ‘Joint Holder’ screen.

For more information on the ‘Joint Holder’ screen refer to the section ‘Joint Holder Maintenance’ in this User Manual.

Issuing Branch

It is a read-only field and is defaulted to the logged in Branch.

Cheque Book Type

If inventory tracking is allowed at bank level then you will be asked to specify the Cheque Book Type as part of Check Book Maintenance. The list values for the cheque book type selection will be list of valid stock catalog codes with instrument type as ‘CASA Cheque Books’.

Cheque Book Serial Number

If inventory tracking is allowed at bank level then based on the cheque book type and quantity of the cheque leaves requested, system will retrieve the next available instrument number.

The retrieved cheque number will be displayed to the user only after the cheque book request is saved.

Cheque book numbering will be unique for each cheque book type. The system will ensure that the cheque number issued to the customer account is unique irrespective of issued cheque book type. Deletion of unauthorized cheque book issue would increase the inventory balance.

Additional Inputs

If inventory tracking is allowed at bank level then the following fields will not hold any business logic and will be stored for information purpose only. They are:

- Kind of Cheque
- Order Date
- Order Details
- Issue Date
- Include for cheque book printing

Note

You can query other branch transactions only from the summary screen.

5.2.2 Interface Validation

Valid values of cheque book type will be the list of valid stock catalog code with instrument type as 'CASA Cheque books'.

For cheque book issue through ATM, default cheque book type should be maintained in system parameters against the parameter code 'ATM_CHQ_BOOK_TYPE'. System would use this cheque book type for cheque book issue through ATM.

5.2.3 Interface Outputs

The instrument status in the inventory will get updated as per the cheque book issue maintenance.

5.3 Interface with Teller Module

The following sections detail the interfaces with Teller module.

This section contains the following topics:

- Section 5.3.1, "For Issue of Traveller's Cheque "

5.3.1 For Issue of Traveller's Cheque

For traveller's cheque: Upon confirmation of the issue/transfer stock transaction, system will replicate the instrument details to the web branch data stores.

If inventory module is used then existing workflow of recording instrument receipt details through 'Buy TCs from HO' and 'Buy TCs from Agent' maintenance will not be allowed.

Instrument sale/purchase will be as per the existing functionality. The combination of instrument type, issuer code and the currency will uniquely identify the stock code. Once the instrument is issued to the customer, 'UpdateInventoryStatus' generic interface will be used in web branch EOD to update the instrument status in the inventory.

'Sell TCs to HO' option if used, will initiate a stock adjustment transaction (with adjustment type as 'Returned to the inventory', 'From Branch' will be the current branch and 'To Branch' will be the respective issuing/inventory branch) during web branch EOD and replicates the data to the inventory module.

5.4 Gateway Services and Operations

The following services and operations will be available for the gateway interface.

Service Name	Operation ID	Operation Code
FCUBSIVService	StockCatalog	CreateStockCatalog
		ModifyStockCatalog
		QueryStockCatalog
	StockflowDefinition	QueryStockflowDefinition
	RequestStock	CreateRequestStock
		QueryRequestStock
	BulkRequestStock	CreateBulkRequestStock
		QueryBulkRequestStock
	OrderStock	CreateOrderStock
		QueryOrderStock
	ReceiveStock	CreateReceiveStock
		QueryReceiveStock
	IssueStock	CreateIssueStock
		QueryIssueStock
	AdjustmentStock	CreateAdjustmentStock
		QueryAdjustmentStock
	StockBalanceInquiry	QueryStockBalanceInquiry
	StockTxnInquiry	QueryStockTxnInquiry
	UsagePattern	QueryUsagePattern

6. Annexure

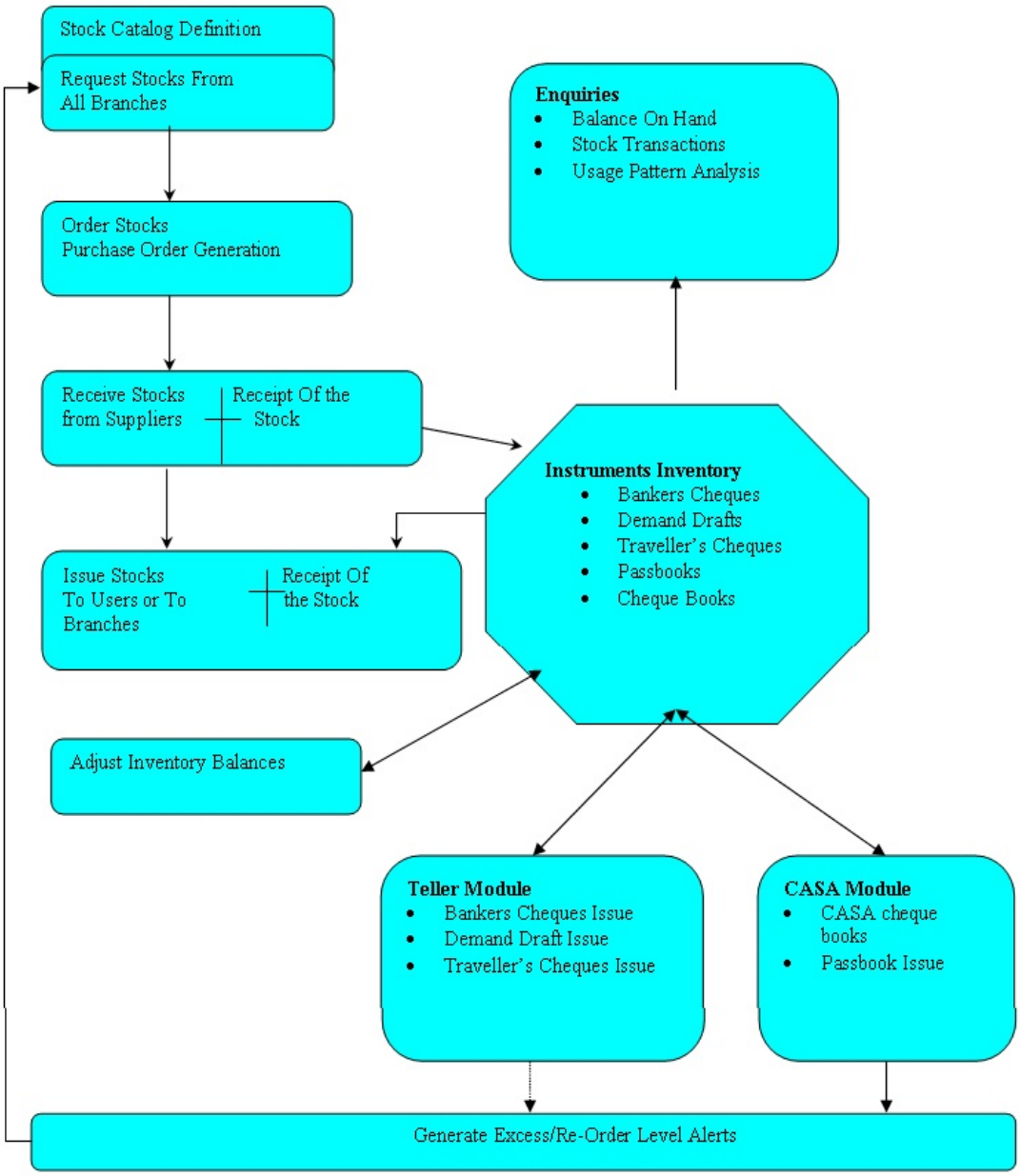
This chapter gives you additional information, in the form of examples and illustrations of the workflows in the Oracle FLEXCUBE system with regard to the IV module.

This chapter contains the following sections:

- Section 6.1, "Process Workflow Illustration"
- Section 6.2, "Transaction Workflow Examples"

6.1 Process Workflow Illustration

The following diagram is an illustration of the process workflow in the system.



6.2 Transaction Workflow Examples

The following sections provide illustrated examples of the workflows in the system.

Example 1

Branch initiates a stock request for stock catalog code, say “STKCD1”, with denomination value 20 and request is made for 100 quantities.

This request moves through a complete lifecycle of order stock, receive stock, issue stock and finally confirm receipt.



Example 2

In this example, requests initiated by same branch (for different stocks/denomination value) were combined into single purchase order. It then moves through receive stock, issue stock and confirm receipt stage to complete the lifecycle of request stock.

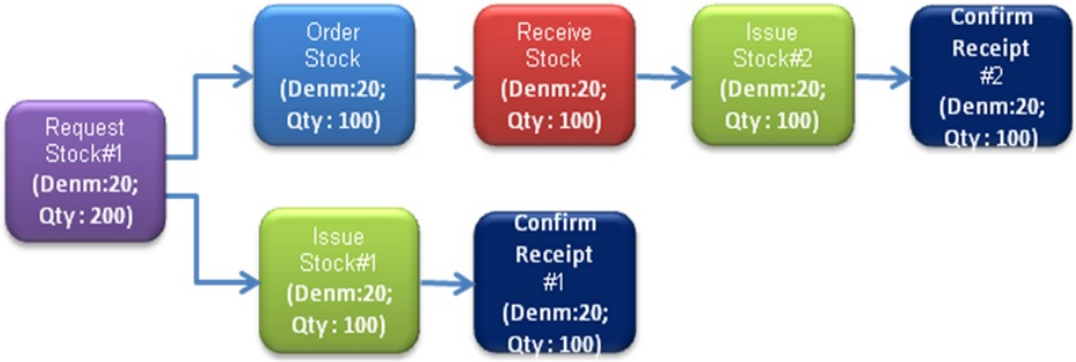
Receive stock transaction cannot combine multiple orders, and shall always act on only one order stock transaction.

However, issue stock transaction can serve multiple stock requests.



Example 3

In this example, requested stock is partly served by using the stockpile in inventory branch (head office) and a purchase order is placed for the remaining quantity.



Example 4

This example details the possible combination of stock request lifecycle:

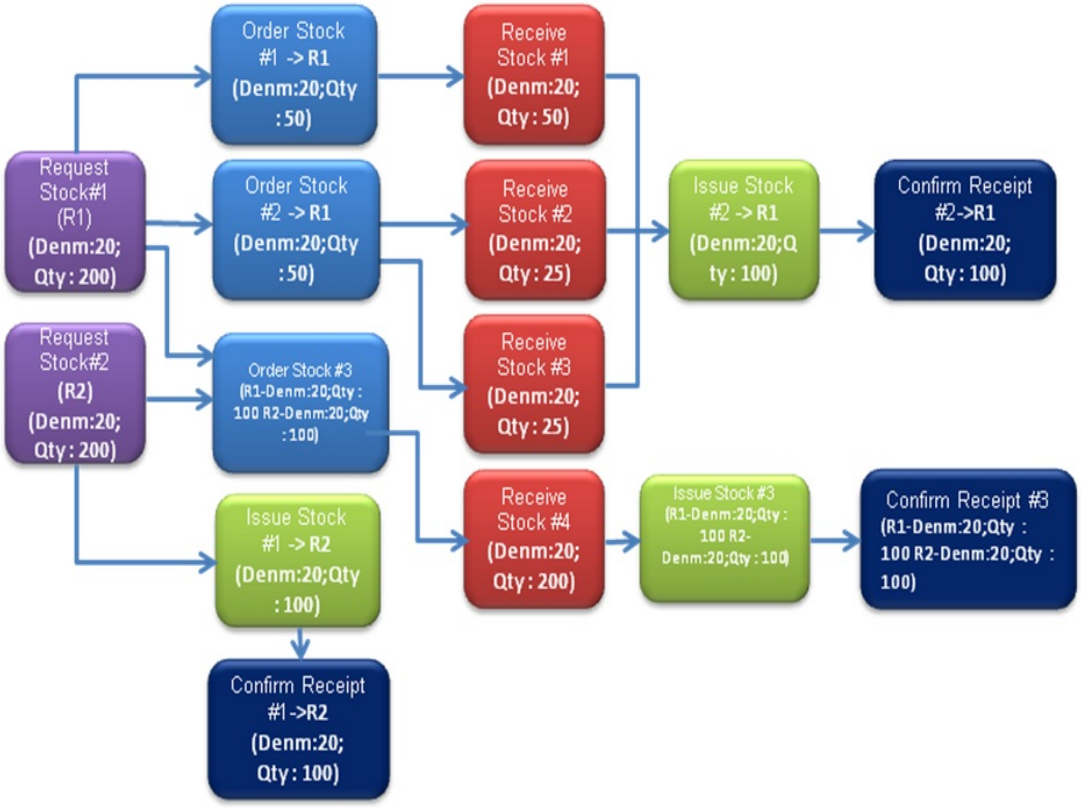
Stock request (R1) split into multiple purchase orders. These orders may be placed with different suppliers.

Stock request (R2) is partly served by using the stockpile in inventory branch (head office) and a purchase order is placed for the remaining quantity.

Purchase order#3, is placed by combining stock requests R1 and R2.

System also supports partial receipts of stocks ordered. (Refer Order stock#2 vis-à-vis Receive stock#2 and 3). However, receive stock transaction can map to only one order stock transaction. System does not supports receiving stocks of multiple purchase orders with single receive stock transaction.

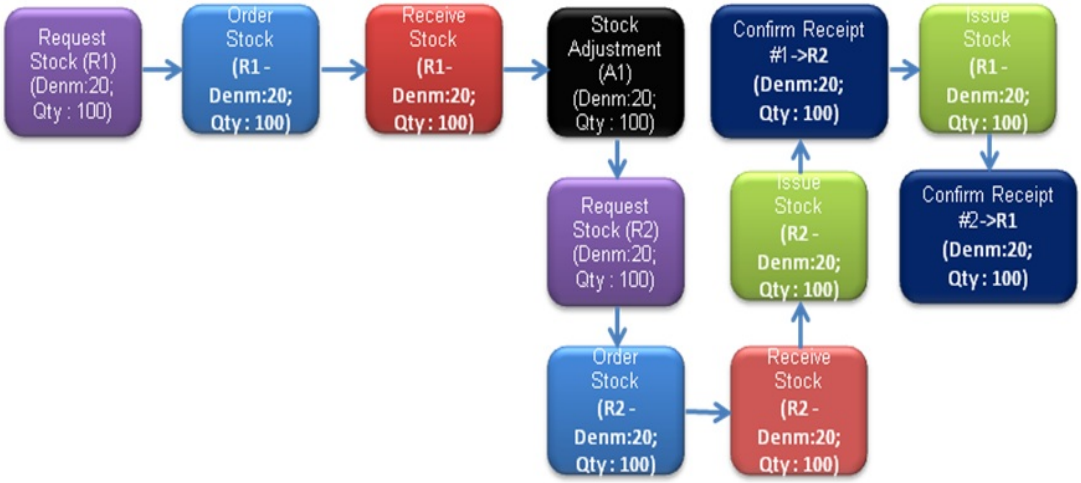
Stocks received through receive stock transaction#1, #2 and #3 were combined and a single issue is made. Here, it's presumed that the stocks serving a single request have the same series number and the instrument numbers (start number and end number) is continuous. If the stocks serving a single request have non-sequential instrument numbers or if the series numbers are different, then the stocks will be issued separately.



Example 5

In this example the stock received by the inventory branch undergoes a stock adjustment (due to lost/torn/quality is not acceptable etc.). Hence the inventory branch raises a new stock

request (R2). The stock received with this new request (R2) is utilized to fulfill the stock request (R1).



7. Function ID Glossary

C

CADCHBOO 5-3
CSDDEMAN 3-4
CSDISSCD 3-3
CSSDEMAN 3-6
CSSISSCD 3-4

E

EIDMANPE 3-15

I

IVDBALIN 4-18
IVDCONFR 4-17
IVDSTFMN 3-11
IVDSTKCD 3-7
IVDSTKIN 4-20
IVDTXNAS 4-14
IVDTXNBR 4-5
IVDTXNIR 4-2
IVDTXNOR 4-7
IVDTXNRI 4-11
IVDTXNRO 4-9
IVDUSPIN 4-22
IVSSTFMN 3-13
IVSSTKCD 3-10
IVSTXNAS 4-16
IVSTXNBR 4-6
IVSTXNIR 4-4
IVSTXNOR 4-9
IVSTXNRI 4-13
IVSTXNRO 4-11

S

STDBNKPM 3-2