Oracle® Database

Common Core - Automated End of Day User Guide

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Oracle Database Common Core - Automated End of Day User Guide, Release 14.7.5.0.0

G24981-01

Contents

Preface

Purpose

This user manual is designed to get acquainted with the many functions routinely executed every day in Oracle FLEXCUBE Universal Banking. Access to the information specific to a particular field by placing the cursor on the relevant field and striking **F1** on the keyboard.

Audience

Table Audience

Role	Function
Back office clerk	Input functions for contracts
Back office managers/officers	Authorization functions
Product Managers	Product definition and authorization
End of Day operators	Processing during End of Day/Beginning of Day
Financial Controller/Product Managers	Generation of reports

Documentation Accessibility

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

Diversity and Inclusion

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

Related Documents

For further information on procedures discussed in the manual, refer to the Oracle FLEXCUBE Universal Banking manuals on:

- Procedures User Guide
- Products User Guide
- Automated End of Day User Guide

Conventions

The following text conventions are used in this document:

Table Conventions

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	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.

Screenshot Disclaimer

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

Acronyms and Abbreviations

Table Abbreviation

Abbreviation	Description
POSTEOPD	Post End of Previous Day
MARKEOPD	Mark End of Previous Day
MARKTI	Mark Transaction Input
POSTEOBOD	Post End of Beginning of Day
MARKBOD	Mark Beginning of Day
MARKEOD	Mark End of Day
POSTEOED	Post End of End of Day
MARKEOFI	Mark End of Financial Input
POSTEOFI	Post End of Financial Input
MARKEOTI	Mark End of Transaction Input
POSTEOTI	Post End of Transaction Input
TI	Transaction Input
EOC	End of Cycle
BOD	Beginning of Day
EOD	End of Day
EOPD	End of Previous Day
FI	Financial Input
EOTI	End of Transaction Input

Basic Actions

Table Basic Actions

Action	Description
Approve	Used to approve the initiated report. This button is displayed, once the user click **Authorize**.
Audit	Used to view the maker details, checker details, and report status.
Authorize	Used to authorize the report created. A maker of the screen is not allowed to authorize the report. Only a checker can authorize a report, created by a maker.
Close	Used to close a record. This action is available only when a record is created.
Confirm	Used to confirm the performed action.
Cancel	Used to cancel the performed action.
Compare	Used to view the comparison through the field values of old record and the current record. This button is displayed in the widget, once the user click **Authorize**.
Collapse All	Used to hide the details in the sections. This button is displayed, once the user click **Compare**.
Expand All	Used to expand and view all the details in the sections. This button is displayed, once the user click **Compare**.

Table (Cont.) Basic Actions

Action	Description
New	Used to add a new record. When the user click **New**, the system displays a new record enabling to specify the required data.
OK	Used to confirm the details in the screen.
Save	Used to save the details entered or selected in the screen.
View	Used to view the report details in a particular modification stage. This button is displayed in the widget, once the user click **Authorize**.
View Difference only	Used to view a comparison through the field element values of old record and the current record, which has undergone changes. This button is displayed, once the user click **Compare**.
Unlock	Used to update the details of an existing record. System displays an existing record in editable mode.

Symbols and Icons

The following symbols and icons are used in the screens.

Table Symbols and Icons - Common

Symbol/Icon	Function
	Minimize
	Maximize
	Close
	Perform Search
	Open a list

Table (Cont.) Symbols and Icons - Common

Symbol/Icon	Function
	Add a new record
	Navigate to the first record
	Navigate to the last record
	Navigate to the previous record
	Navigate to the next record
	Grid view
	List view
	Refresh
	Click this icon to add a new row.

Table (Cont.) Symbols and Icons - Common

Symbol/Icon	Function
	Click this icon to delete an existing row.
	Click to view the created record.
	Click to modify the fields.
	Click to unlock, delete, authorize or view the created record.

Table Symbols and Icons - Audit Details

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

Table Symbols and Icons - Widget

Symbol/Icon	Function
	Open status
	Unauthorized status
	Closed status
	Authorized status

Prerequisite

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

1

End of Day Maintenance

This topic describes the EOD process and its maintenance.

Introduction

Oracle FLEXCUBE Universal Banking allows to execution of several functions every day on a routine basis as part of the End of cycle (EOC) process. These functions can be run at various stages of the EOC process.

EOD ensures that once End of Cycle processing starts, each function that will be run in the specified sequence will be executed automatically. However, take manual control if there are any problems in running the function. Certain functions require some inputs (called run-time inputs) before they are executed. This also can be automated.

The EOD process should be defined and executed separately for different branches of the bank. When the process is running, choose to monitor it from a central location, perhaps from the data center.

Various Stages of EOC Process

Table 1-1 Various Stages of EOC Process

Stages of EOC Process	Description
End of Transaction input (EOTI)	The End of Transaction input (EOTI) stage is the first stage in EOD operations. The system should be moved to this status after all the transactions for the day have been entered into the system. In addition, all the transactions should be authorized and the relevant messages generated. **Note:** All the messages don't need to be generated on the same day as transaction input, it is ideally done that way. In an exceptional situation, go ahead with the End of Day processes without generating a message. This message will remain in the un-generated status in the Outgoing Message Browser and can be generated on any other day. An un-generated message will not be archived.EOTI must not be marked under the following circumstances: • When a message is in an unprocessed state **Note:** When a reply to the message sent has either not been received or arrived at by the system. • The above validations are applicable for RTGS messages only. • When transactions that have been input are yet to be authorized. • When the debit and credit totals for the day do not match for some reason. Under such circumstances, examine the transaction(s), which have resulted in the imbalance (with the help of the Transaction Journal) and take the necessary action. The action could be in posting an extra entry or moving an entry from one account to another, etc. After the system is moved to this status, the user will neither be allowed to enter further transactions into the system nor will be allowed to perform any maintenance functions. All the relevant toolbar actions will also be disabled. However, the user can perform queries on the system. The user can run only those automated functions that have been defined for this stage of End of Day processing.
End of Financial Input (EOFI)	At this stage, no further accounting entries can be passed for the day either through transactions that have been entered or by transactions that are automatically triggered by the system. After the system is moved to this status, the user can generate financial reports for the day now since all the automatic processes have been run for the day and since the balances available will be the latest. After EOFI is marked, the user can generate all advice-related messages like reports, tracers, and all other information on the day's activities.
End of Day Mandatory Batch Program Maintenance	The EOD process is designed to tie up all the operations for a financial day and prepare the system for the next day. The End of Day operations for a branch can begin after all the transactions for the day have been input and authorized. Ideally, all the messages for the day should also be generated before the End of Day operations begins. A message should be carried over to a subsequent day only under exceptional conditions. The End of Day status indicates that the user has completed all the activities for the day. After EOD for a branch is run, the system will not allow running any other operation in the branch, till the system date has been changed to the next working day, and authorized. If the user tries to run any application, it will be prompted to change the system date first.

Mandatory Batch Program Maintenance

Refer to the topic Mandatory Batch Program Maintenance for detailed information.

Batch EOD Function Inputs

Refer to the topic Maintain Data Values for EOD Functions for detailed information.

End of Cycle Groups

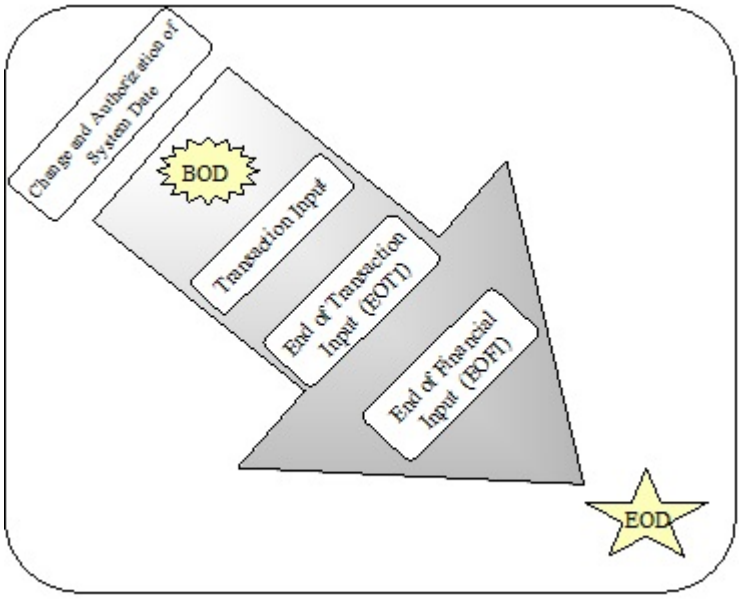
Refer to the topic Maintain End of Cycle Groups for detailed information.

Pending Maintenance

Refer to the topic Process Unauthorized Maintenance for detailed information.

End of Cycle Process

To start the End of Cycle process, choose End of Cycle and the Start EOC option under it. The End of Cycle operations consists of several stages. In this topic, the various stages that are a part of the cycle are discussed. The various stages in this cycle have been diagrammatically represented below:



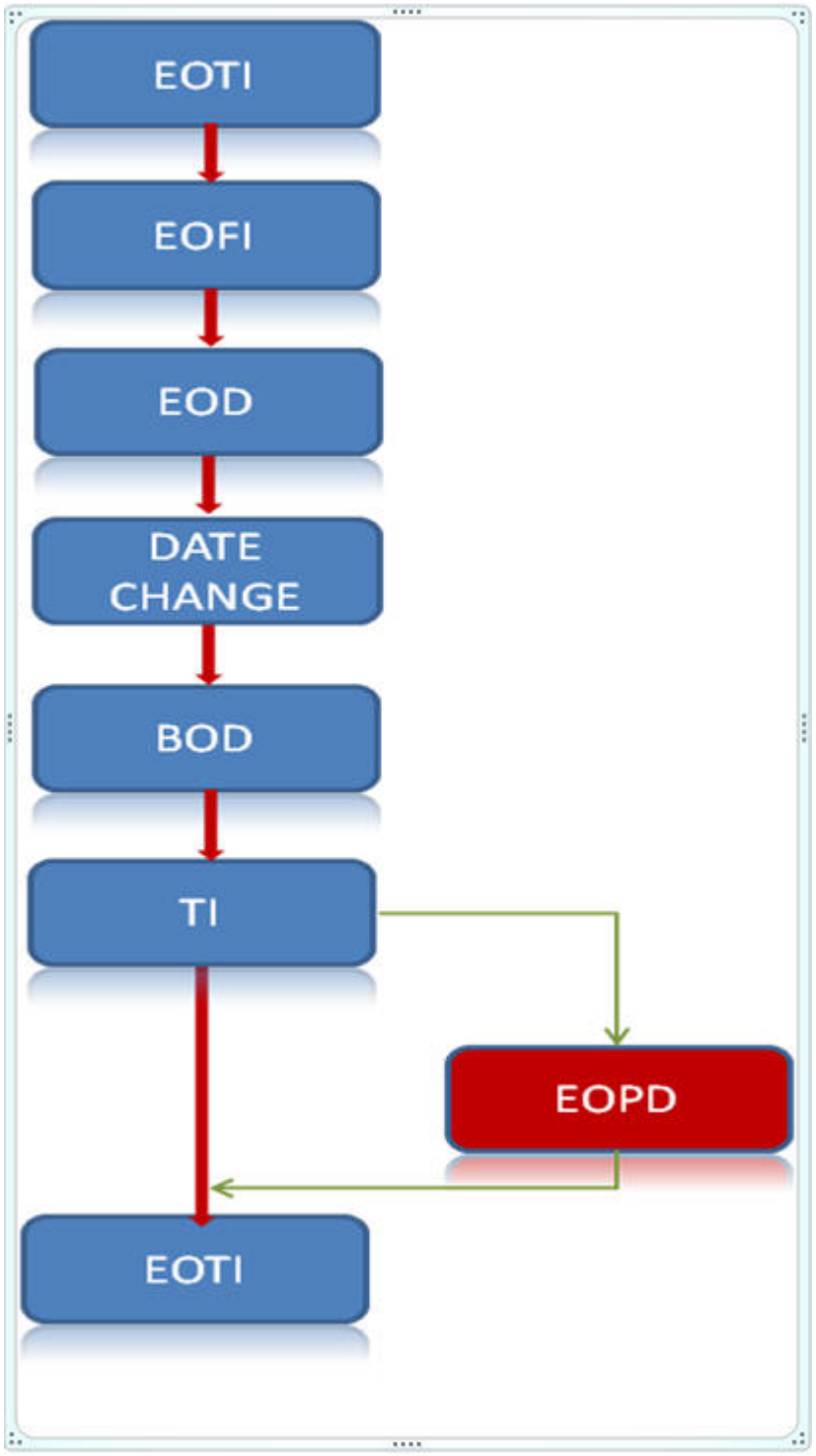
This topic contains the following sub-topics:

1. Maintain End of Cycle Operations
   - Maintain Branches for EOC Operations
2. Process End of Cycle Status
3. Stop EOC Process for Running Branches

Deferred EOD Process

The below flowchart indicates the EOD process in the system:

Figure 1-1 EOD Process Flowchart



The EOPD is run parallel to the Transaction Input. The next day Mark EOTI is allowed only when the EOPD stage is completed. The user cannot mark the end of transaction input if the automatic end of day status of EOPD is **N**.

End of Cycle Monitor

Refer to the topic Maintain EOC Monitor Screen for detailed information.

Changing System Date

The first task for a business day is to change the system date to the current working date. This date is used by the system for all purposes that are associated with a date automatic processes scheduled for the day, the date/time stamp for the activities that take place during the day, and so on. Refer to the topic Maintain System Dates for detailed information.

- Mandatory Batch Program Maintenance
  This topic explains systematic instructions to maintain a mandatory batch program that defines the functions to run automatically.
- Maintain Data Values for EOD Functions
  This topic explains systematic instructions to maintain data values for EOD functions.
- Maintain End of Cycle Groups
  This topic explains systematic instructions to maintain the End of Cycle groups.
- Process Unauthorized Maintenance
  This topic explains systematic instructions to view unauthorized maintenance.
- Maintain End of Cycle Operations
  This topic explains systematic instructions to maintain End of Cycle operations.
- Maintain EOC Monitor Screen
  This topic explains systematic instructions to maintain the current status of the EOC of a branch.
- Maintain System Dates
  This topic explains systematic instructions to maintain details of the system date.

1.1 Mandatory Batch Program Maintenance

This topic explains systematic instructions to maintain a mandatory batch program that defines the functions to run automatically.

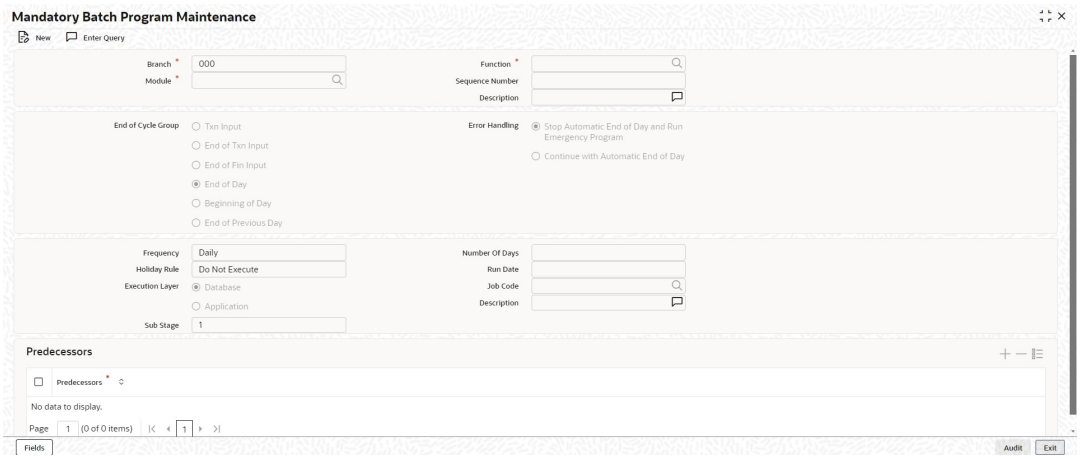
Through the **Mandatory Batch Program Maintenance** screen, indicate the functions that should be automatically triggered as part of the **Automatic End of Cycle**.

> **Note:**
>
> The fields which are marked in asterisk are mandatory.

1. On **Homescreen**, type **EIDMANPE** in the text box, and click **Next**.

   The **Mandatory Batch Program Maintenance** screen displays.

Figure 1-2 Mandatory Batch Program Maintenance



2. On the **Mandatory Batch Program Maintenance** screen, specify the fields.

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

Table 1-2 Mandatory Batch Program Maintenance - Field Description

Field	Description
Branch	The system displays the branch code.
Module	Click **Search** and specify the module code from the list of values.
Function	Click **Search** and specify the **Function** from the list of values.
Sequence Number	Specify the **Sequence Number**.
Description	Type a description of the sequence number.

Table 1-2 (Cont.) Mandatory Batch Program Maintenance - Field Description

Field	Description
End of Cycle Group	The end of cycle processing has different stages as follows: • **Txn Input** - This stage indicates that all the transactions for the day have been input and authorized. Thus, the automated processes that involve transaction input during the day have to be executed (periodic accruals, any automatic interest or commission liquidation triggered by transactions that were input during the day, etc.) when the system is in the EOTI stage. • **End of Txn Input** - EOTI indicates the End of all Transaction Inputs, during which all transaction inputs are completed and the batch should be run before EOFI. EOFI indicates the End of Financial Input, during which all accounting transactions are completed and the batch should be run before EOD. EOD indicates the End of Day, during which all activities for that day are completed and the batch should be run before BOD. BOD indicates the Beginning of the Day, during which the transactions are Input. EOPD indicates the End of Previous Day, during which all the EOD processes that are deferred to the next day are processed. • **End of Fin Input** - This stage indicates that no further accounting entries can be passed for the day either through transactions or by automated processes. • **End of Day** - This stage indicates that all the activities for the day are complete. Further activities can be done on the system only after the system date has been changed to the next working day and authorized. Most of the automated functions will be a part of the Beginning of Day operations. Thereafter, some of them (say accruals, for example) should be executed when the system is in the EOTI stage. Some of the functions run during the Beginning of the Day should be repeated during the EOTI stage so that any automated liquidation triggered by transactions input during the day will be processed. • **Beginning of Day** - This is the stage after the system date has been changed and authorized, and before the transaction input for the day can begin. At this stage, the system is expecting certain functions to be executed. For example, automatic liquidation of interest or commission scheduled for the day. The execution of these functions during this stage ensures that all the debits and credits to a customer account that are triggered automatically are done and the balances updated. Thus, when the customers of the bank walk in to execute transactions during the day, records will reflect the latest balance. • **End of Previous Day** - In this stage after BOD processes, all the noncritical processes such as GL statement generation, archival, and purging are deferred to the next day during an EOD process.

Table 1-2 (Cont.) Mandatory Batch Program Maintenance - Field Description

Field	Description
Frequency	Certain functions performed at the bank will have to be run daily, while some others may need to be executed at other periodic frequencies. Specify the functions that should be run at AEOD and select the frequency with which they should be run from the adjoining drop-down list. This list displays the following values: • **Daily** • **Month End** • **Quarter End** • **Half Year End** • **Year End** • **Nth Day of the Month** • **'N' Days before End of Month** • **Weekly** Repayments due to loans or deposits, liquidation of commissions due to an LC, etc. would be functions that should execute daily since such transactions may happen on any day, depending on the liquidation date specified for the individual contracts. If the **Nth Day of the Month** or **N Days before End of Month** option is selected, specify the exact date in the **Run Date** field or the number of days before which the function should be run in the **Number of Days** field respectively. It is a known fact that month-ends are usually a period of hectic activity for bankers. Hence, it might require postponing certain activities to a later date, so that the load can be spread evenly. For instance, To run the liquidation of interest on current and savings accounts to the fifth day of every month. While defining the IC liquidation function, specify the frequency as the **Nth Day of the Month** and specify the number of days as five. The liquidation function will be executed on the fifth, but the processing will be done as of the end of the previous month. Similarly, it is possible to execute a function a few days before the month-end. To do this, specify the frequency level as **'N' Days before End of Month**. Specify the number of days before which the function should be executed. If the frequency is defined as a Specific date, enter the date on which the particular function has to be executed.
Holiday Rule	Select the holiday rule from the drop-down list: • **Do Not Execute** • **Next working Day** • **Previous Working Day**
Execution Layer	This indicates the execution layer where the batch should be processed. It can have two values: • **Database** • **Application** For example, BIP reports at EOD can be automatically generated using the job scheduler.

Table 1-2 (Cont.) Mandatory Batch Program Maintenance - Field Description

Field	Description
Sub Stage	Specify a valid sub-stage number to run a batch ensuring inter-branch dependency from the adjoining drop-down list. • **1 (One)** • **2 (Two)** • **3 (Three)** The following sub-stages are available for different EOC stages: a. **Post End of Transaction Input** • **Post End of Transaction Input 1** • **Post End of Transaction Input 2** • **Post End of Transaction Input 3** b. **Post End of Financial Input** • **Post End of Financial Input 1** • **Post End of Financial Input 2** • **Post End of Financial Input 3** c. **Post End of End of Day** • **Post End of End of Day 1** • **Post End of End of Day 2** • **Post End of End of Day 3** d. **Post End of Beginning of Day** • **Post End of Beginning of Day 1** • **Post End of Beginning of Day 2** • **Post End of Beginning of Day 3** e. **Mark Transaction Input** f. **Mark End of Previous Day** • **Post End of Previous Day 1** • **Post End of Previous Day 2** • **Post End of Previous Day 3** For example, To run a batch at head office, after running the batch at all the reporting branches, then the batch run at head office is maintained at sub stage 3 and the batch run at reporting branches is maintained at 1 or 2 so that the system runs stage 3 after completing stage 2 in all branches. EOD run mode is maintained as **Parallel**.
Error Handling	Select an error-handling option from the following list: • **Stop Automatic End of Day and Run Emergency Program** • **Continue with Automatic End of Day**
Number Of Days	Specify the **Number Of Days**.
Run Date	Click **Calendar** and select the run date.
Job Code	Click **Search** and specify the **Predecessors** that need to be run to process the job scheduler operations.
Description	The system displays the job description based on the **Job Code** specified.
Predecessors	Click **Search** and specify the **Predecessors** from the list of values.

3. Click **Exit** to end the transaction.

1.2 Maintain Data Values for EOD Functions

This topic explains systematic instructions to maintain data values for EOD functions.

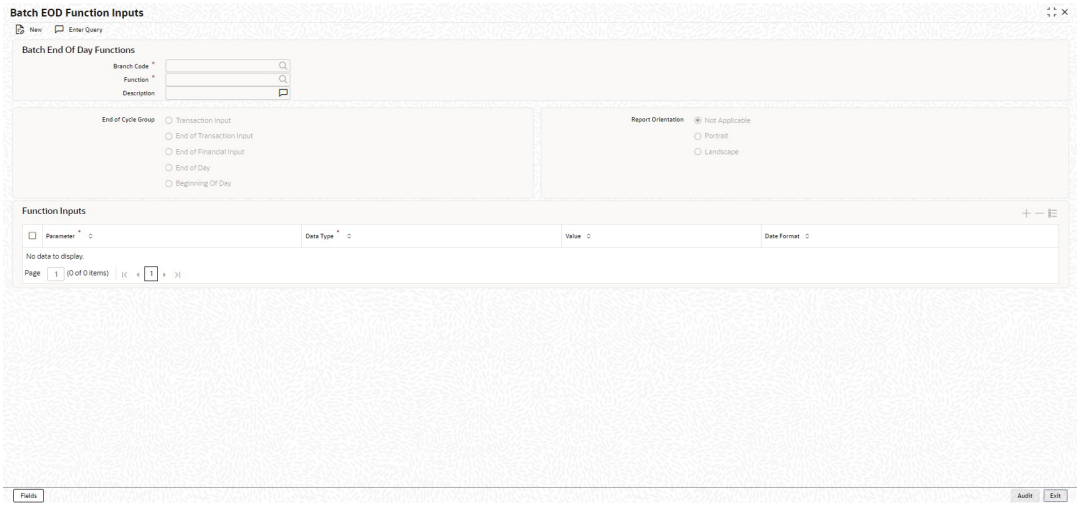
Some EOD functions may require inputs for their successful execution, such as data values. For this, specify the required data value in the **Batch EOD Function Inputs** screen.

> **Note:**
>
> The fields which are marked in asterisk are mandatory.

1. On **Homescreen**, type **BADEODFE** in the text box, and click **Next**.

   The **Batch EOD Function Inputs** screen displays.

Figure 1-3 Batch EOD Function Inputs



2. On the **Batch EOD Function Inputs** screen, specify the fields.

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

Table 1-3 Batch EOD Function Inputs - Field Description

Field	Description
Branch Code	Click **Search** and specify the **Branch Code** that would be executed as part of marking the selected EOC state.
Function	Click **Search** and specify the **Function** that would be executed as part of marking the selected EOC state.
Description	The system displays the description of the function.

Table 1-3 (Cont.) Batch EOD Function Inputs - Field Description

Field	Description
End of Cycle Group	Select the EOC group to which the function is associated from the following options: • **Transaction Input** • **End of Transaction Input** • **End of Financial Input** • **End of Day** • **Beginning Of Day**
Report Orientation	Select the report orientation from the following options: • **Portrait** • **Landscape** Select **Not Applicable** if one does not wish to select the orientation.
Parameter	The system displays the parameters for which the system expects a data value.
Data Type	Select the data type from the following options: • **VARCHAR2** • **Characteristics** • **Number** • **Date**
Value	Specify the required data value.
Date Format	Specify the required data date format.

3. Click **Exit** to end the transaction.

1.3 Maintain End of Cycle Groups

This topic explains systematic instructions to maintain the End of Cycle groups.

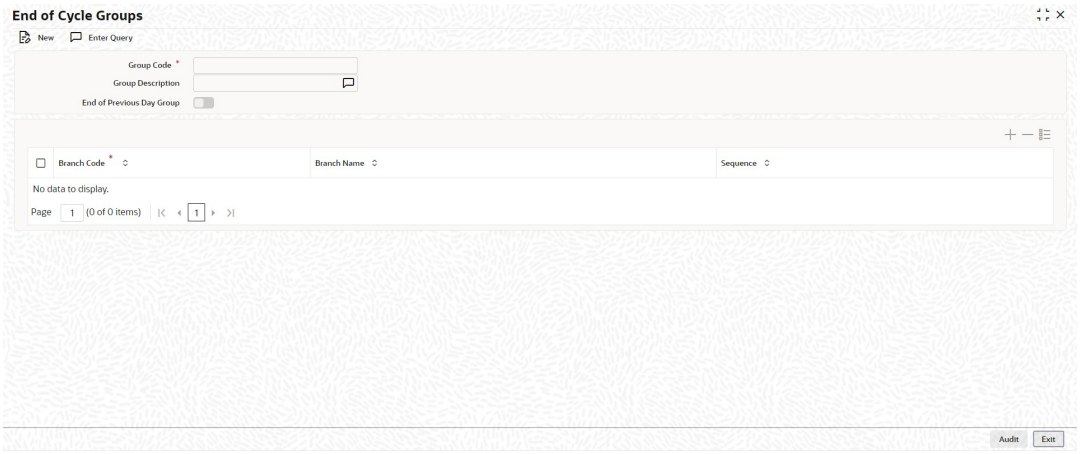
In Oracle FLEXCUBE Universal Banking, the user can trigger the EOC process from any branch for all the branches of the bank. To simplify the process of selection of branches, the user may group them into several EOC groups. Such grouping can be based on the time zones, holiday calendar, time at which the branches close the operations of a day, or similar common features.

> **Note:**
>
> The fields which are marked in asterisk are mandatory.

1. On **Homescreen**, type **AEDECGRU** in the text box, and click **Next**.

   The **End of Cycle Groups** screen displays.

Figure 1-4 End of Cycle Groups



2. On the **End of Cycle Groups** screen, specify the fields.

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

Table 1-4 End of Cycle Groups - Field Description

Field	Description
Group Code	Enter a unique code for the EOC group that wishes to create. This group can later be identified by the group code specified.
Group Description	Type a description that describes the nature of the group.
End of Previous Day Group	End of Previous Day Group is optional. EOC Group for EOPD will start after the EOD cycle. The EOD cycle runs till Transaction Input, so EOPD starts after TI. End of Previous Day group processes **Mark End of Previous Day** and Post End of Previous Day stages (**Post End of Previous Day 1**, **Post End of Previous Day 2**, **Post End of Previous Day 3**) excluding other stages like TI, FI, EOD, and BOD. Without specifying the EOPD group, if 200 EOC branches are divided into 20 EOC groups, each will occupy 20 CPUs in EOPD stage. Since the EOPD group runs parallel to the Transaction Input (TI) stage, all CPUs were occupied by the EOPD process which will slow down the TI processes thus reducing the performance. With a separate EOPD group, the EOPD process will have 200 EOC branches divided into 5 EOPD groups to improve performance that will continue to run even after TI Stage till the next EOTI process. This will increase the performance of EOD processing and reduce the time taken for End of Day processes.
Branch Code	Select the branches to be grouped. Click **Add** to add more rows to the list of branches. Specify the branch code of each branch to be grouped. At times, if wants to remove a branch from the list of branches, check the box against the **Branch Code** and Select **Delete** from the Actions menu in the Application toolbar or click **Delete**. **Note:** One branch can be linked to one normal group code and one EOPD group code.
Branch Name	The system displays the name of the branch against each code specified.

Table 1-4 (Cont.) End of Cycle Groups - Field Description

Field	Description
Sequence	Enter the sequence number for each branch. The system displays the branch codes as per the sequence when the branch group is added to the **End Of Cycle Operations** screen and branches run in that sequencing order during EOD. **Note:** If the Sequence number is null or the same then the system will not validate the **Sequence** field.

3. Click **Exit** to end the transaction.

1.4 Process Unauthorized Maintenance

This topic explains systematic instructions to view unauthorized maintenance.

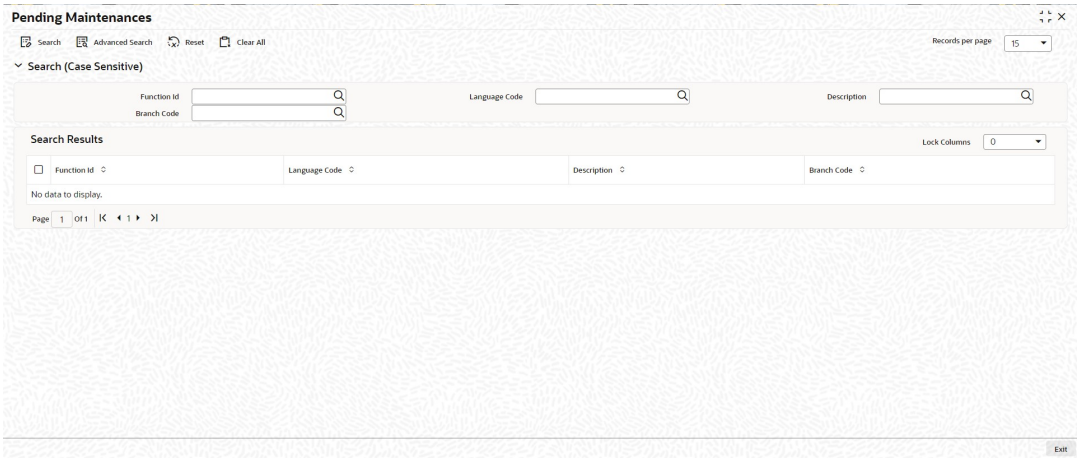
All the transactions and maintenance records processed during the day should be authorized before End of Day operations can begin. Authorizers in the various departments should authorize transactions before handing over the system to the data center for End of Day processing. In Oracle FLEXCUBE Universal Banking, the user can get a list of unauthorized transactions and records at any point in time. This information enables the authorizers to easily find out which transactions or records are unauthorized. View the maintenance that is yet to be authorized through the view unauthorized maintenance option.

> **Note:**
>
> The fields which are marked in asterisk are mandatory.

1. On **Homescreen**, type **STSVWPEN** in the text box, and click **Next**.

   The **Pending Maintenances** screen displays.

Figure 1-5 Pending Maintenance



2. On the **Pending Maintenance** screen, specify the fields.

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

Table 1-5 Pending Maintenance - Field Description

Field	Description
Function ID	Click **Search** and specify the **Function ID** from the list of values.
Description	The system displays the description of the **Function ID**.
Language Code	Click **Search** and specify the **Language Code** from the list of values.
Branch Code	Click **Search** and specify the **Branch Code** from the list of values.

3. Select any or all of the above parameters for a query, and click **Search**.

   The system identifies all records satisfying the specified criteria and displays the following details for each one of them:

   - **Function Id**
   - **Language Code**
   - **Description**
   - **Branch Code**

4. Click **Exit** to end the transaction.

1.5 Maintain End of Cycle Operations

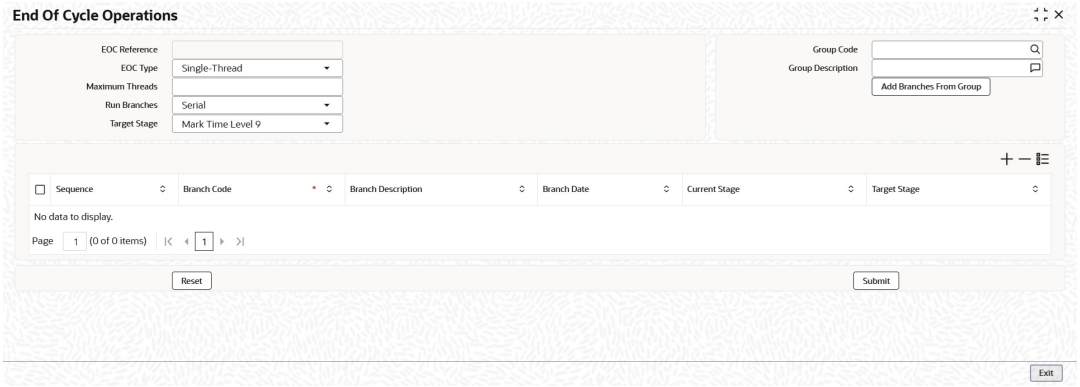
This topic explains systematic instructions to maintain End of Cycle operations.

> **Note:**
>
> The fields which are marked in asterisk are mandatory.

1. On **Home screen**, type **AEDSTART** in the text box, and click **Next**.

   The **End of Cycle Operations** screen displays.

Figure 1-6 End of Cycle Operations



2. On the **End of Cycle Operations** screen, specify the fields.

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

Table 1-6 End of Cycle Operations - Field Description

Field	Description
EOC Reference	The system generates a unique EOC reference number.
Target Stage	As part of EOC operations, the system will process each selected branch from its current stage to the target stage. Select the target stage for all the branches from the adjoining drop-down list. This list displays the following stages: a. **Mark End of Transaction Input** • **Post End of Transaction Input 1** • **Post End of Transaction Input 2** • **Post End of Transaction Input 3** b. **Mark End of Financial Input** • **Post End of Financial Input 1** • **Post End of Financial Input 2** • **Post End of Financial Input 3** c. **Mark End of Day** • **Post End of End of Day 1** • **Post End of End of Day 2** • **Post End of End of Day 3** d. **Mark Beginning of Day** • **Post End of Beginning of Day 1** • **Post End of Beginning of Day 2** • **Post End of Beginning of Day 3** e. **Mark Transaction Input** f. **Mark End of Previous Day** • **Post End of Previous Day 1** • **Post End of Previous Day 2** • **Post End of Previous Day 3** Select the appropriate target stage. The system defaults this as the target stage for all branches. However, modify the same for each branch, if required. At the End of Cycle operation, if the EOC group code with End of Previous Day is selected, then the system validates the following after clicking **Submit**: • For the current stage or target stage fields, if stages other than **Mark End of Previous Day** or **Post End of Previous Day 1**, **Post End of Previous Day 2**, and **Post End of Previous Day 3** are selected, then the system displays an error message. • For any branches in the group, if the EOD process is not completed till TI the system displays an appropriate error message. The EOC Group for EOPD starts after EOD Cycle. EOPD group continues to run the **Mark End of Previous Day** and Post End of Previous Day stages. This EOPD group can be optional. The system supports if it is preferred to run a normal group. The normal group runs from **Mark End of Transaction Input** to **Post End of Previous Day 3**.

Table 1-6 (Cont.) End of Cycle Operations - Field Description

Field	Description
Run Branches	This field indicates the mode in which the EOC operation should take place. The system allows selecting any one of the following run modes: • **Serial** - The system processes EOC in a serial mode taking branch after branch. In this mode, even if the process fails for a particular branch, the system moves on to the next branch and proceeds. • **Parallel** - The system processes EOC stage wise, for all selected branches. At any stage, if it fails, the system will not be able to run it for any of the remaining branches. For example, consider an EOC operation for two branches, Branch A and B from the stage Set Time Level to 9 to the stage End of Financial Input. The system initially processes both branches to the stage End of Transaction Input at once. It goes on till the final stage. However, in the meantime, if any branch fails to process, the system stops the EOC operations for both branches together.
EOC Type	Select a valid EOC operation type from the adjoining drop-down list: • **Multi-Thread** - If this option is selected, the system runs EOD based on the scheduler framework. Oracle FLEXCUBE Universal Banking prepares EOD run charts for the selected branches and submits synchronous requests to the database to run the EOD. The scheduler framework then picks up these branches and runs EOD. Hence **Multi-Thread** is also referred to as the scheduler type. A Scheduler Framework is available to process the EOD batch. • **Branch Scheduler** - It polls branches submitted for EOD in scheduler mode and triggers the EOD process. Before triggering the EOD process for a particular branch, the scheduler validates its feasibility for processing EOD. If EOD running mode is maintained as **Parallel**, then it checks for the movement of the branch to the next stage because all the branches are synchronously moved across stages. The scheduler also keeps track of the number of sessions for the current EOC. • **Single-Thread** - If this option is selected, the system runs the entire EOD process in a single session, for all branches. After submitting EOD, Oracle FLEXCUBE Universal Banking submits an asynchronous request to the database to run EOD.
Maximum Threads	Specify the maximum number of sessions needs to maintain if **Multi-Thread** is selected as **EOC Type**.
Group Code	Specify the **Group Code**.
Group Description	The system displays the description of the selected group.
Sequence	Type a sequence number.
Branch Code	Click **Search** and specify the code of the branch from the list of values.
Branch Description	The system displays the description of the selected branch. This field can be modified.
Branch Date	The system displays the **Branch Date**. This field can be modified.
Current Stage	The system displays the **Current Stage**. This field can be modified.
Target Stage	The system displays the **Target Stage**. This field can be modified.

3. Click **Exit** to end the transaction.

- Process End of Cycle Status
  This topic explains systematic instructions to process the status of the End of Cycle process.
- Maintain Branches for EOC Operations
  This topic explains systematic instructions to select branches for EOC operations.
- Stop EOC Process for Running Branches
  This topic explains systematic instructions to stop running EOC processes for specific branches.

1.5.1 Process End of Cycle Status

This topic explains systematic instructions to process the status of the End of Cycle process.

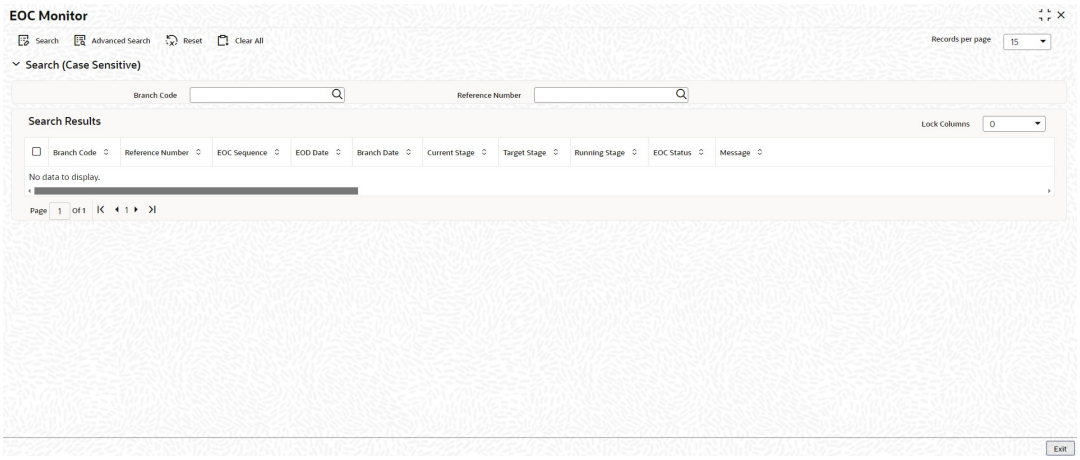
In Oracle FLEXCUBE Universal Banking, verify the status of the EOC that is submitted. The **EOC Monitor** screen displays the status of the EOC process across branches.

> **Note:**
>
> The fields which are marked in asterisk are mandatory.

1. On **Homescreen**, type **AESBRMTR** in the text box, and click **Next**.

   The **EOC Monitor** screen displays.

Figure 1-7 EOC Monitor



2. On the **EOC Monitor** screen, specify the fields.

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

Table 1-7 EOC Monitor - Field Description

Field	Description
Branch Code	Click **Search** and specify the **Branch Code** from the list of values to view the status of the EOC processes for that branch.
Reference Number	Click **Search** and specify the **Reference Number** from the list of values to view the status of the EOC processes.

3. Click **Search** to view the EOC processes that are currently running.

   Based on the provided search criteria, the system displays the following details of the EOC processes:

   - **Branch Code**
   - **Reference Number**
   - **EOC Sequence**
   - **EOD Date**
   - **Branch Date**
   - **Current Stage**
   - **Target Stage**
   - **Running Stage**
   - **EOC Status**
   - **Message**

   If a batch is in **Aborted** status, the batch can be processed again by using **Rerun Batch**.

4. Select a particular stage to see the status of the batches configured for that stage.

   The system identifies all records satisfying the specified criteria and displays the following details for each one of them:

   - **EOC Batch**
   - **Batch Status (Pending, Completed or Aborted)**
   - **EOC Reference Number**
   - **Error Code**

5. Click **Exit** to end the transaction.

1.5.2 Maintain Branches for EOC Operations

This topic explains systematic instructions to select branches for EOC operations.

Under EOC Branch Groups, the system displays the list of all EOC branch groups that are maintained. Select one or more branch groups to proceed with EOC operations. Use the check box adjacent to each group to select it. Check against **ALL** to indicate that the EOC has to be run for all the branches together.

1. On **End of Cycle Operations** screen, click **Populate** after selecting the branch groups.

   Under EOC branches, the system displays all branches grouped under the selected branch groups.

   > **Note:**
   >
   > - The system does not display the branches for which EOC is already running.
   > - The user has to manually change the sequencing order if the sequence number is the same as the branches of a group or multiple groups.

2. Click **Add** to add more rows to the list.

3. Specify a valid branch code to set the target stage.

   This adjoining list of values displays all valid branch codes maintained in the system. However, the list of values displays the branches for which EOC is already running.

4. Check the box adjacent to the branch code, and click **Delete** to remove a branch from the list.

5. Click **Submit** after specifying all the details.

   The system proceeds with the EOC process in asynchronous mode after necessary validations.

6. Click **Reset** to clear the list of branches and select the branch groups and individual branches again to proceed with EOC operation.

7. Click **Exit** to end the transaction.

1.5.3 Stop EOC Process for Running Branches

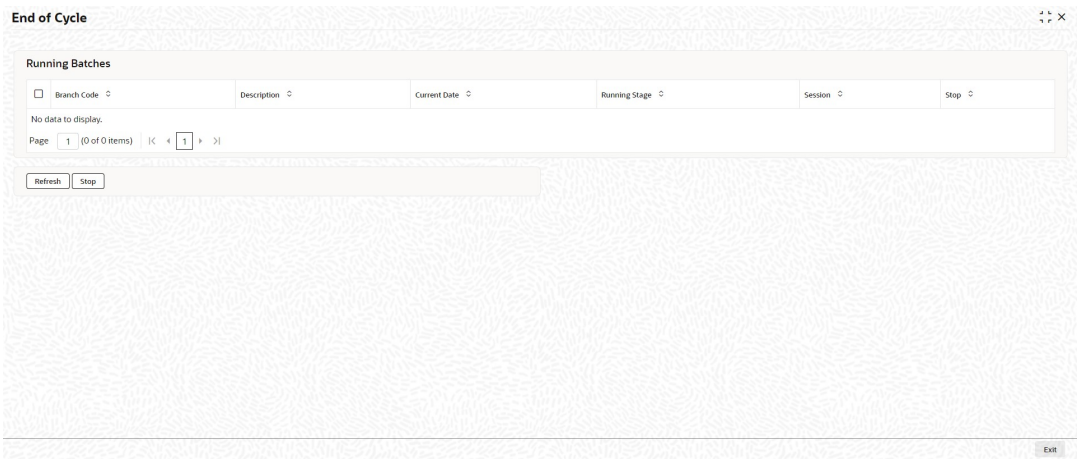
This topic explains systematic instructions to stop running EOC processes for specific branches.

> **Note:**
>
> The fields which are marked in asterisk are mandatory.

1. On **Homescreen**, type **AEDSTOP** in the text box, and click **Next**.

   The **End of Cycle** screen displays.

Figure 1-8 End of Cycle



   The system displays the running branches on this screen.

2. To stop the process for the selected branches, check the box under **Stop** against the branch which wish to be stopped, and click **Stop** at bottom.

3. Click **Exit** to end the transaction.

1.6 Maintain EOC Monitor Screen

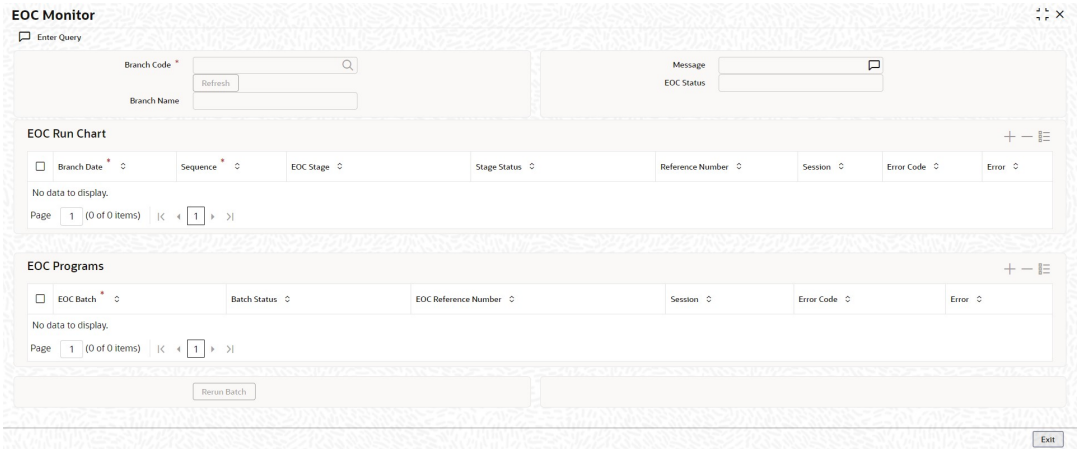
This topic explains systematic instructions to maintain the current status of the EOC of a branch.

> **Note:**
>
> The fields which are marked in asterisk are mandatory.

1. On **Homescreen**, type **AEDBRMTR** in the text box, and click **Next**.

   The **EOC Monitor** screen displays.

Figure 1-9 EOC Monitor



2. On the **EOC Monitor** screen, specify the fields.

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

Table 1-8 EOC Monitor - Field Description

Field	Description
Branch Code	Click **Search** and specify the branch code for which wants to view the EOC status.
Branch Name	The system displays the branch name based on the selected **Branch Code**.
Message	Type the text message, if required.
EOC Status	The system displays the EOC status based on the selected **Branch Code**.

3. Click **Execute Query**.

   The system identifies all records satisfying the specified criteria and displays the following details for each one of them:

   - **Branch Date**
   - **Sequence**

- **EOC Stage**
- **Stage Status**
- **Reference Number**
- **Session**
- **Error Code**
- **Error**
- **EOC Batch**
- **Batch Status**
- **EOC Reference Number**
- **Session**
- **Error Code**
- **Error**

> **Note:**
>
> The system displays internal batches like **AEBMTLVL**, **COBMTLVL**, **OLBMTLVL**, and **ELBMTLVL** during the Mark Time Level 9 EOC stage. These batches are called **Depending on the module groups** and are stored in **Smtb_Modules_Group** maintained during FCUBS installation.

4. Click **Exit** to end the transaction.

1.7 Maintain System Dates

This topic explains systematic instructions to maintain details of the system date.

1. On **Homescreen**, type **STDDATES** in the text box, and click **Next**.

   The **System Dates Maintenance** screen displays.

Figure 1-10 System Dates Maintenance

2. On the **System Dates Maintenance** screen, specify the fields.

> **Note:**
>
> The fields, which are marked with an asterisk, are mandatory.

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

Table 1-9 System Dates Maintenance - Field Description

Field	Description
Branch Code	Specify the **Branch Code**, and click **Execute Query**.
Today	The system displays the today's date.
Previous Working Date	The system displays the **Previous Working Date**.
Next Working Day	The system displays the **Next Working Day**.

> **Note:**
>
> Today's date defaults from the next working date of the old record. The **Previous Working Date** defaults from today's date of the old record. The **Previous Working Date** is picked up from the local branch holiday calendar as maintained for the branch. The only time when a record is added in the system dates table is when Oracle FLEXCUBE Universal Banking is installed in the branch first. Subsequently, the dates will be updated by EOD operations.

The default date will be displayed on the **System Dates Maintenance** screen. For instance, on the first working date 1st of January 1998; the system dates will be updated to read as follows:

a. Today's date - 01 January 1998

b. Previous working date - 31 December 1997

c. Next working date - 02 January 1998

3. Click **Exit** to end the transaction.

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