Automated End of Day User Guide

Oracle FLEXCUBE Universal Banking

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Automated End of Day User Guide
Oracle Financial Services Software Limited
Oracle Park

Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India
Worldwide Inquiries:
Phone: +91 22 6718 3000
Fax: +91 22 6718 3001
https://www.oracle.com/industries/financial-services/index.html

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1. Preface

1.1 Introduction

This user manual is designed to help you quickly get acquainted with the many functions routinely executed everyday in Oracle FLEXCUBE.

This user manual is a supplement to the Common Core Automated End of Day User Manual and contains only specific functionalities and information related to Oracle FCUBS EOD. Hence, this document should be read in conjunction with the Common Core Automated End of Day user manual from the perspective of completeness in flow and understanding.

You can obtain information specific to a particular field by placing the cursor on the relevant field, and striking <F1> on the keyboard.

1.2 Audience

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

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

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 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	*Viewing Unauthorized Transactions and Functions* gives the list of unauthorized records that can be viewed.
Chapter 3	*End of* Previous Day details the various batches run during end of previous day.
Chapter 4	*Annexure A - List of End of Cycle Functions* contains a list of all the mandatory functions run as part of the EOC cycle.
Chapter 5	*Function ID Glossary* has alphabetical listing of Function/Screen ID's used in the module with page references for quick navigation.

1.6 Related Documents

- Settlements User Manual
- Core Services User Manual
- Procedures User Manual
- Common Core - Automated End of Day User Manual

1.7 Glossary of Icons

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

Icons	Function
	Exit
	Add row
	Delete row
	Option List

2. Viewing Unauthorized Transactions and Functions

This chapter contains the following sections:

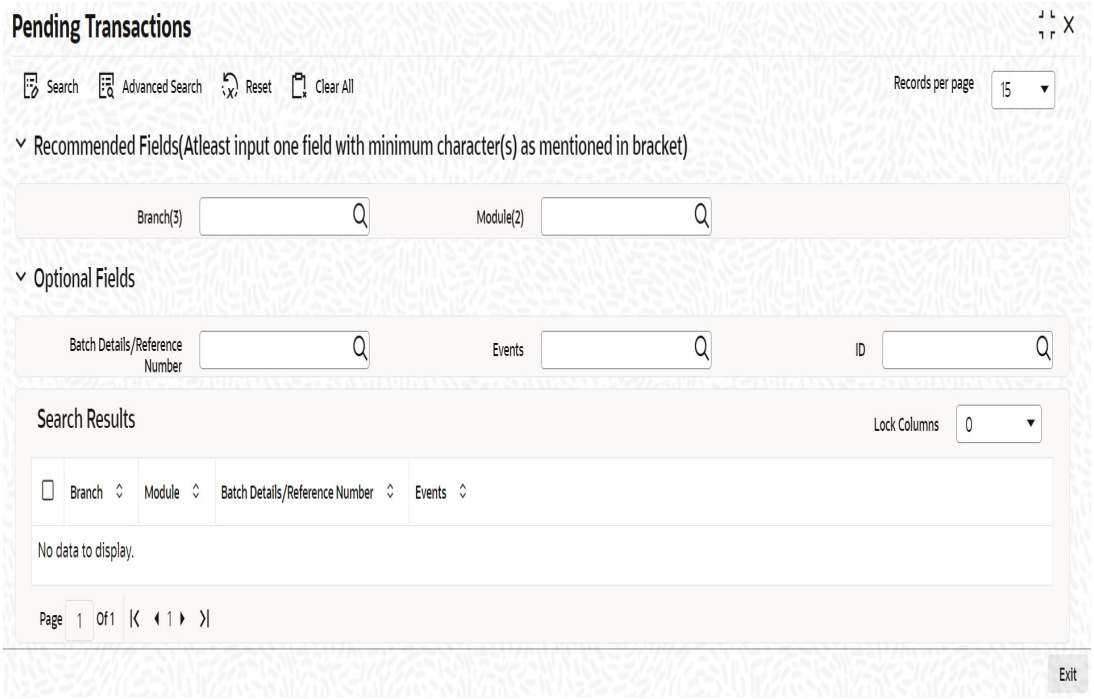
- Section 2.1, "Viewing Unauthorized Transactions"
- Section 2.2, "Viewing Branch Pending Functions"
- Section 2.3, "Reverse EOD Balancing"
- Section 2.4, "EOTI/EOFI Stages of Batch Processing"

2.1 Viewing Unauthorized Transactions

You can view the details of the all the unauthorized transactions from the Pending Transactions screen. You can invoke the 'Pending Transactions' screen by typing 'EISVWPNT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

Through this screen you can view details of the:

- Messages that are yet to be generated
- Transactions that are yet to be authorized



In the above screen, you can base your queries on any or all of the following parameters and fetch records:

- Branch
- Module
- Reference Number
- Events
- ID

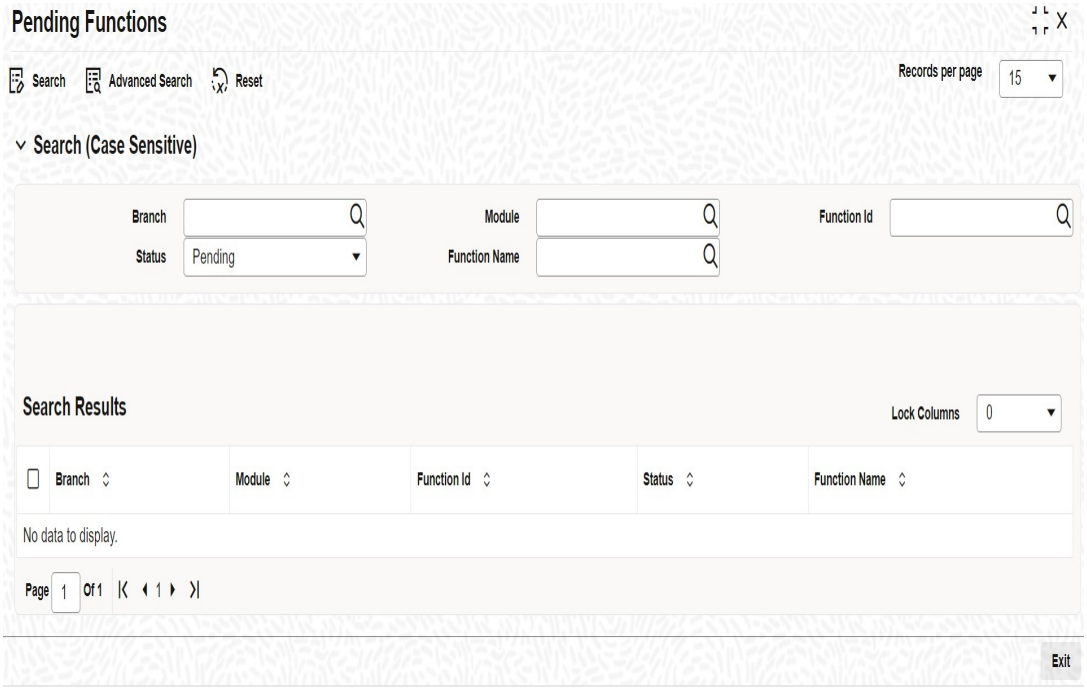
Select any or all of the above parameters for a query and click 'Search' button. The records meeting the selected criteria are displayed.

System displays the following details pertaining to the fetched records:

- Branch
- Module
- Reference Number
- Events
- ID

2.2 Viewing Branch Pending Functions

You can view the pending functions of a branch using ‘Pending Functions’ screen. You can invoke the ‘Pending Functions’ screen by typing ‘EISWPPGM’ in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.



In the above screen, you can base your queries on any or all of the following parameters and fetch records:

- Branch
- Module
- Function Identification
- Status
- Function Name

Select any or all of the above parameters for a query and click ‘Search’ button. The records meeting the selected criteria are displayed.

System displays the following details pertaining to the fetched records:

- Branch
- Module
- Function Identification
- Status
- Function Name

2.3 Reverse EOD Balancing

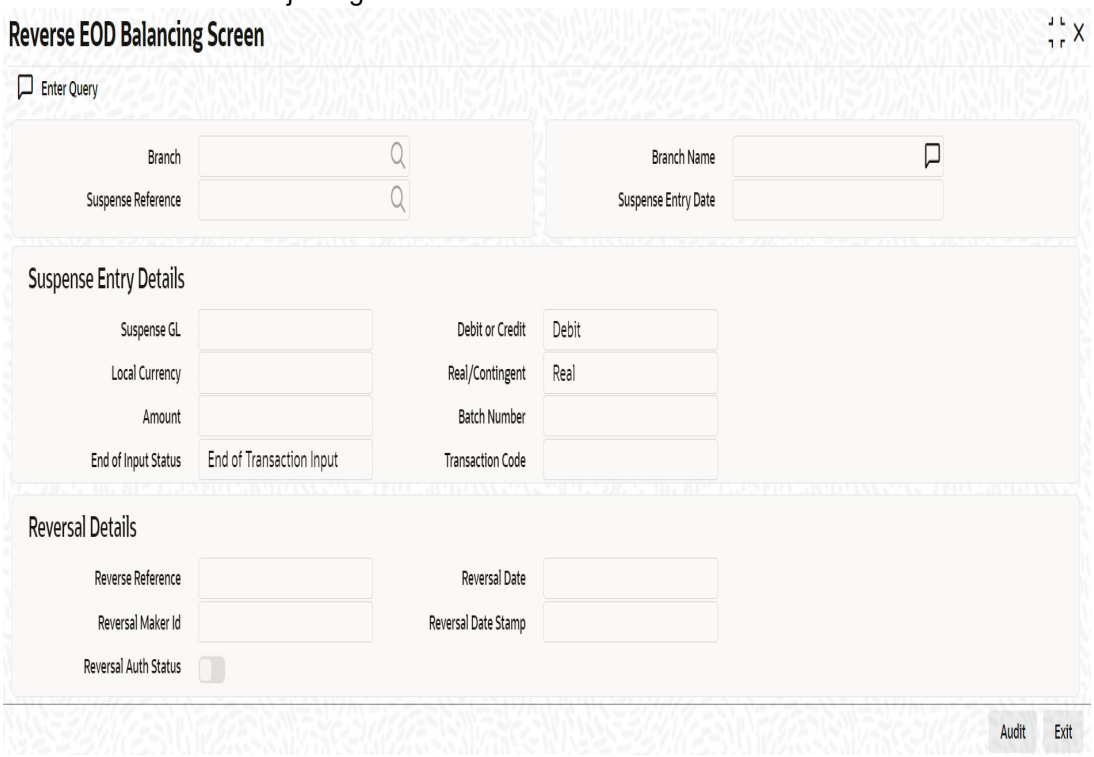
This section contains the following topics:

- Section 2.3.1, "Reversing Automatic EOD Suspense Entry "
- Section 2.3.2, "Viewing Reverse EOD Balancing Summary Details"

2.3.1 Reversing Automatic EOD Suspense Entry

The reversal of the Automatic EOD suspense entry can be done using the 'Reverse EOD Balancing' screen.

To invoke this screen type 'EIDREVRS' in the field at the top right corner of the Application tool bar and click the adjoining arrow button.



Specify the following details:

Branch Code

Specify the Branch code.

Branch Name

Specify the name of the Branch.

Suspense Reference Number

Specify the suspense reference number.

Suspense Entry Date

Specify the suspense entry date.

Suspense Entry Details

Specify the following suspense entry details:

General Ledger No

Specify general ledger number.

D/C

Select the appropriate option to indicate whether debit or credit from the drop-down list. You have the following options:

- Debit
- Credit

Local Currency

Specify the local currency.

Real/Contingent

Select the appropriate option to indicate whether real or contingent from the drop-down list. You have the following options:

- Real
- Contingent

Amount

Specify the amount in figures.

Batch Number

Specify the batch number.

End of Input Status

Select the end of input status from the drop-down list. You have the following options:

- End of Transaction Input
- End of Financial Input

Transaction Code

Specify transaction code.

Reversal Details

Specify the following reversal entry details:

Reverse Reference Number

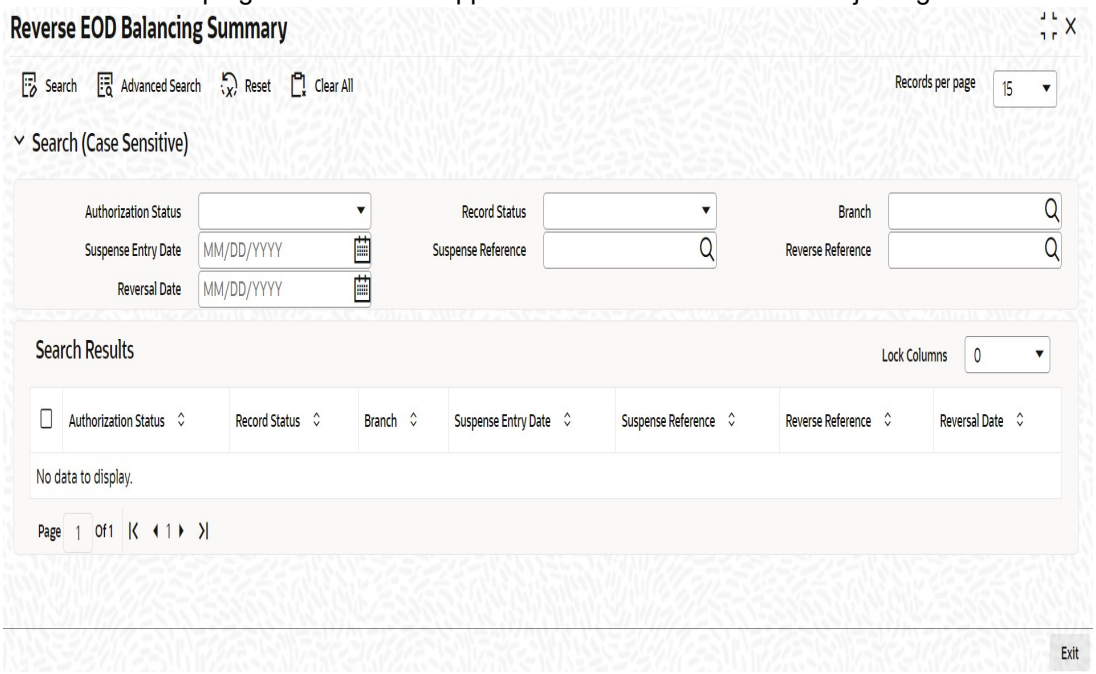
Specify the reverse reference number.

Reversal Date

Specify the reversal date.

2.3.2 Viewing Reverse EOD Balancing Summary Details

You can reverse the entries which have been posted as part of Balancing during the Batch using ‘Reverse EOD Balancing Summary’ screen. To invoke this screen type ‘EISREVRS’ in the field at the top right corner of the Application tool bar and click the adjoining arrow button.



In the above screen, you can base your queries on any or all of the following parameters and fetch records:

- Authorization Status
- Record Status
- Branch Code
- Suspense Entry Date
- Suspense Reference
- Reversal Reference
- Reversal Date

Select any or all of the above parameters for a query and click ‘Search’ button. The records meeting the selected criteria are displayed.

System displays the following details pertaining to the fetched records:

- Authorization Status
- Record Status
- Branch Code
- Suspense Entry Date
- Suspense Reference
- Reversal Reference
- Reversal Date

2.4 EOTI/EOFI Stages of Batch Processing

The validations and processes that take place during EOTI and EOFI processing of the EOD batch are covered in this section.

This section contains the following topics:

- Section 2.4.1, "Generation of Automatic Suspense Entry"
- Section 2.4.2, "Suspense Entry Reversal Check "

2.4.1 Generation of Automatic Suspense Entry

While running EOD at EOTI and EOFI stages system checks if the Suspense Entry Required is 'Y' at the Branch level. If it is 'N' further it checks if there is any mismatch between the sum of balances of Real/Contingent Credit/Debit values then system will display an error message and EOD is stopped. If Suspense Entry Required is 'Y' then it proceeds with the Automatic Suspense entry sub process.

In this process all the authorized accounting entries for the branch for the current processing day will be browsed. There is a check made to find if mismatch exists upon sum of the real dr/ real Credit entry or in the contingent dr/contingent Credit entry.

If there is a mismatch in the real Debit and real Credit entries, then the difference amount is calculated and if the Debit Amount is greater than the Credit Amount then a Credit Entry for the difference Amount is posted into the Real Suspense GL maintained at the Branch Level

Else if the Credit Amount is greater than the Debit Amount then a Debit Entry for the difference Amount is posted into the Real Suspense GL maintained at the Branch Level, where the Transaction Code is the Suspense Transaction Code maintained at the Branch Level. Similarly, the Suspense Entry is posted for the Contingent suspense GL when there is a mismatch in the contingent Debit and contingent Credit entries.

An equivalent entry gets posted with Suspense transaction code and Suspense Batch number maintained at Branch level. A new Transaction reference number is created to post the entries.

In order to check the entries posted by system to overcome the misbalances during EOTI stage, you can check in Reverse Entry EOD screen for a given date.

The Branch, Branch Date, Real contingent, Branch status, Batch No, Amount, Currency, Suspense Entry Reference No, Reversal Entry ref no and a few other Suspense Entry details are stored into the database.

2.4.2 Suspense Entry Reversal Check

In this process, the system browses through the details of the Suspense entries posted for the records which have not been reversed for the records whose branch date is greater than or equal to (Current date - Reverse Suspense entry days maintained at branch level). If reverse entries are not posted for any of those records then the system will display the error message as "Suspense Entries not reversed for the Branch" at EOTI and EOFI stages of EOD and EOD is stopped

You have to post the reversal entries using the 'Reverse EOD Balancing' screen and continue with the EOD.

You can get the automatic suspense entry records and do the reversal on the same. You are allowed to perform New, F7 and F8 operations on this screen. You can query record for a particular branch and date and Suspense reference number. The reversal of the entries can be done by using Reverse Button. System posts equivalent negative entries for the amount and currency and generates a unique reversal suspense entry.

3. End of Previous Day

You can defer an EOD process to the next day and process it on the following day during transaction input as previous day batch. This End of Previous Day (EOPD) batch is run after the transaction input stage and the non critical processes like GL statement generation, archival, purging that are done during EOD can be moved to EOPD stage.

This chapter contains the following sections:

- Section 3.1, "Processing End of Previous Day"
- Section 3.2, "Deferred EOD Process"

3.1 Processing End of Previous Day

End of Previous Day is run as MARKEOPD stage after the Transaction Input stage until the next EOTI process.The batch for archival processes starts after the End of Previous Day and the End of Transaction Input starts for the next day only once EOPD is completed. There are several batches run during EOPD. These batches will be run after the date change. All the period codes and financial codes will be based on the EOD processing date.

During the MARKEOPD batch, the system processes GL Balance Consolidation, Archiving Accounting Entries and GL Statement Generation.

The following are the batches run during EOPD:

Batch	Function of the Batch
ACARCHIV	Clearing all Error Log, Unmarking dormancy
COARCHIV	Archival of Customer Available scheme Details for Relationship Pricing
DEARCHIV	Updates/Inserts Data Entry dispenser balance and deleting DE Logs
ELARCHIV	Archival of ELCM Facility Utilization Transaction log and Facility utilization
GIARCHIV	Archival of GI upload and file log tables
GLPURBAT	Purging work tables of GL
GWARCHIV	Archives Gateway tables
ICPURBAT	Purging Of IC accrual history
IFPURBAT	Purge history of Branch re-consolidation
MSARCHIV	Archival of Messages
RTLARCHV	Archival of Retail Teller Transactions
SMARCHIV	Archival of SMS Log
STARCHIV	Archival record log, field log and notification tables
STPURBAT	Moving of referral queue items to history tables for the specified branch

The following deferred EOD processes are handled in the batch run during MARKEOPD stage:

- Archiving accounting entries to history table
- Updating the document check list as expired where the expiry dates are less than or equal to current posting date -1. Expiry date can be passed as the previous working date of the branch.
- Closing all the tax limit data where the end date is less than the current posting date -1.
- Updates/insert the FCTD statistics.
- Updates /Inserts average balance statistics for the specific period code and financial cycle.
- Job submit doing IC EOFI activities
  - Generates Credit/ Debit IC Advice (Liquidated)
  - Generates IC Debit Interest Notice
  - Generates IC charge Notice
  - Logging failures of the job
- If LD Statement features (LDSTMT) installed, then the LD statement is generated.
- Generation of consolidated tax certificates, if consolidated tax certificate parameter is set at branch level.
- Generation of GL and Account Statement generations based on the GLSTHAND features maintained flags.
- Generation of IRA statement based on the IRASTMT features maintained.
- Statement handoff for securities.

Deferred Archival Process

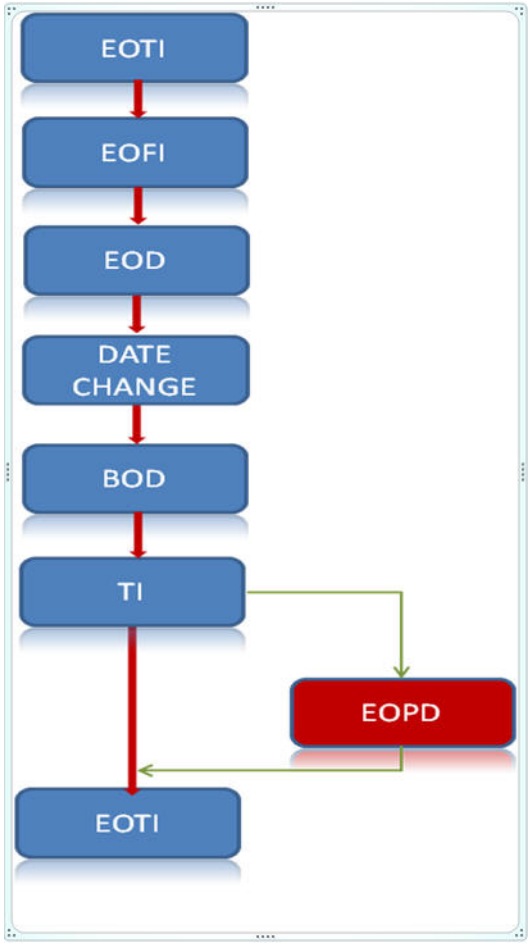
The deferred archival process from the EOD stage are run during POSTEOPD_1, POSTEOPD_2, POSTEOPD_3 stages. You can configure this in the Mandatory Batch Program Maintenance. The following are the deferred archival process from EOD handled in EOPD:

- Archives customer available scheme details for Relationship Pricing
- Archives Facility Utilization
- Archives IC Statement
- Archives SMS Log
- Archives ELCM Facility Utilization Transaction log
- Archives Gateway Messages (Request and Response)
- Clearing all Error Log
- Updates/Inserts Data Entry dispenser balance and deleting DE Logs
- Messages Archival
- Authorization Messages Archival
- Swift Messages Archival
- Archives Retail Teller Transactions
- Purging Of IC accrual history
- Purging Log Record log and field log details
- Purging work tables of GL
- Moving of referral queue items to history tables for the specified branch
- If web branch installed purge history of Branch re-consolidation

The archival process is based on ‘ARCHIVE_RETAIN_DAYS' parameter maintained in CSTB_PARAM table.

3.2 Deferred EOD Process

The below flowchart indicates the EOD process in the system.



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

4. Annexure A - List of End of Cycle Functions

This chapter contains the following topics:

- Section 4.1, "Mandatory Functions of EOC Cycle"
- Section 4.2, "Account Revaluation Batch"

4.1 Mandatory Functions of EOC Cycle

This Annexure contains details of all the mandatory functions that should mandatorily run as part of the different stages of the EOC cycle.

This section contains the following topics:

- Section 4.1.1, "Beginning of Day (BOD) Functions for all Modules"
- Section 4.1.2, "End of Day (EOD) Functions for all Modules"
- Section 4.1.3, "Pre-End of Day Functions for all Modules"

The contents of this Annexure are organized on the basis of the module to which the function belongs.

4.1.1 Beginning of Day (BOD) Functions for all Modules

The mandatory functions for BOD are marked with a Yes under the Mandatory Column.

Module	Function	Frequency	Mandatory
SMS	Change time	Daily	
Core	Posting of tank	Daily	
CASA	Group Status Change	Daily	
DE	Till opening	Daily	Yes
DE	Cash movement function	Daily	
LD	Auto- daily	Daily	
LD	Auto- initiation	Daily	
LD	Auto- liquidation	Daily	
MM	MM activation of forward contracts	Daily	Yes
MM	MM auto- liquidation of contracts	Daily	Yes
MM	MM auto- liquidation of interests	Daily	Yes
MM	MM auto- rollover execution	Daily	Yes
MM	MM maturity report	Daily	
MM	MM exception report	Daily	Yes
BC	Accruals	Daily	Yes
BC	AutoLiq	Daily	Yes

BC	Auto-change of Acceptance to Advance	Daily	Yes
BC	Auto- status control	Daily	
BC	Floating rate change	Daily	
BC	Tracer generation	Daily	
LC	LCEOD	Daily	Yes
SI	Sweeps	Daily	
AEOD	Refinance rates	Input	
AEOD	Currency rates	Input	
AEOD	Forward rates	Input	
AEOD	Discount rates	Input	

4.1.2 End of Day (EOD) Functions for all Modules

The mandatory functions for EOD are marked with a Yes under the Mandatory Column.

Module	Function	Frequency	Mandatory
SMS	Log of events	Daily	
SMS	Security violations report	Daily	
Core	Financial balancing	Daily	
Core	Date change	Daily	
Core	Accounting entries history	Daily	
Core	Currency position update	Daily	
Core	Auto- revaluation	Daily	
Core	Account statement	Daily	
Core	Brokerage liquidation	Daily	
Core	Brokerage liquidation report	Daily	
Core	Limits updation	Daily	
CASA	Group Status Change	Daily	
CASA	Liquidating PDC Linked Schedules	Daily	
DE	Daily cash movement function	Daily	Yes
DE	Daily cash movement report	Daily	Yes
DE	Batch totals report	Daily	
DE	Transaction journal	Daily	Yes

DE	Daily teller transaction report	Daily	
DE	Till balancing exception report	Daily	Yes
DE	Till closing position (history)	Daily	Yes
CASA	Amount block	Daily	
CASA	Stop payment	Daily	
FX	FX contract revaluation	Daily, Monthly	Yes
FX	FX contract auto liquidation	Daily	Yes
FX	FX auto- rollover	Daily	Yes
FX	FX settlement message generation	Daily	Yes
FX	FX fetch unauthorized	Daily	Yes
FX	FX netting of (settlements amounts)	Daily	Yes
FX	FX contracts purge	Optional	
LD	Auto- daily	Daily	
LD	Auto- interest liquidation	Daily	
LD	Auto- liquidation	Daily	
LD	Auto- rollover	Daily	
MM	MM activation forward contracts	Daily	Yes
MM	Auto- liquidation of MM contracts	Daily	Yes
MM	MM auto- liquidation of interests	Daily	Yes
MM	Generation of payment messages, days before actual date	Daily	Yes
MM	MM auto- rollover execution	Daily	Yes
MM	MM interest rate revision	Daily	
MM	MM fetch unauthorized	Daily	
MM	MM maturity report	Daily	
MM	MM daily movement	Daily	Yes
MM	MM exception report	Daily	Yes
BC	Accruals	Daily	Yes
BC	Auto- liq	Daily	Yes
BC	Auto-change of acceptance to advance	Daily	Yes
BC	Auto- status control	Daily	

LC	LCEOD	Daily	Yes
LC	LC tracer general	Daily	Yes
IC	Liquidation	Daily	
IC	Interest advices	Daily	
IC	Accruals	Daily	
SI	SI Batch Process	Daily	Yes
GL	GL report	Daily	
GL	Cash flow report	Daily	
MIS	Product profitability	Daily	
MIS	Customer profitability	Daily	
MIS	Pool profitability	Daily	
MIS	MS clause- wise report	Daily	
AEOD	Change time level	Daily	

4.1.3 Pre-End of Day Functions for all Modules

The mandatory functions for BOD are marked with a Yes under the Mandatory Column.

Module	Function	Frequency	Mandatory
BC	Auto- status control	Daily	
LC	LCEOD	Daily	Yes
IC			
SI	Payments	Daily	

The following is the list of pre-EOC functions that have to be executed after EOTI has been marked:

Module	Function	Frequency	Mandatory
BC	Auto- status control	Daily	
LC	LCEOD	Daily	Yes
SI	Payments	Daily	

4.2 Account Revaluation Batch

As part of EOD batch programs, the system will maintain the account revaluation batch (ACCREVAL). This program will be maintained at EOTI (Pre-EOC) stage of end of day. Revaluation accounting is posted in foreign currency with equivalent of LCY difference.

This batch will do the revaluation separately for Internal GLs, Customer Account Revaluation is maintained for profit and loss GLs in the GL maintenance. For the GL's maintained at the revaluation setup, you need to check the 'Revaluation' checkbox at GL chart of accounts level.

This batch will also transfer the foreign currency positions to a designated branch based on the revaluation/ position transfer setup maintained at the branch preferences level.

The system will transfer the position from the existing branch to the treasury branch. If the position is negative in the given GL, then the system will choose the offset account as Position asset GL and if the position is positive in the given GL, then the system will choose the offset account as Position liability GL.

The sequence of the EOD between the designated branch and all other branches are operationally controlled.

5. Function ID Glossary

E

EIDREVRS 2-3
EISREVRS 2-5
EISVWPNT 2-1
EISWPPGM 2-2