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Oracle Banking Enterprise Limits and
Collateral Management
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Enterprise Limits Management User Manual
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Contents

1. Preface	1-1
1.1 Introduction.....	1-1
1.2 Audience.....	1-1
1.3 Documentation Accessibility.....	1-1
1.4 Organization	1-1
1.5 Acronyms and Abbreviations.....	1-2
1.6 Glossary of Icons.....	1-2
1.7 Related Documents	1-2
2. Limits	2-1
2.1 Maintaining Line Code details	2-1
2.1.1 <i>FX Rate Fixing</i>	2-3
2.1.2 <i>Fee Preference</i>	2-6
2.2 Facilities Maintenance	2-7
2.2.1 <i>Maintaining Facility Event Details</i>	2-23
2.2.2 <i>Maintaining Fee Details</i>	2-24
2.2.3 <i>Maintaining Limit Schedules</i>	2-29
2.2.4 <i>Specifying Covenant Details</i>	2-32
2.2.5 <i>Tracking Exposure for a Line</i>	2-39
2.2.6 <i>Capturing Facility Main Line Change Maintenance Details</i>	2-40
2.2.7 <i>Capturing Facility Maintenance Charges Details</i>	2-43
2.2.8 <i>Maintaining Collateral Pool Linkages</i>	2-44
2.2.9 <i>Maintaining Collateral Linkage</i>	2-46
2.2.10 <i>Maintaining Restrictions for a Line</i>	2-48
2.2.11 <i>Maintaining Customer Restrictions for a Line</i>	2-49
2.2.12 <i>Defining Tenor Based Restrictions</i>	2-52
2.2.13 <i>Maintaining Source Restrictions</i>	2-54
2.2.14 <i>Maintaining Mandate Details</i>	2-55
2.2.15 <i>Comments on Facility</i>	2-56
2.2.16 <i>FX Rate Revaluation</i>	2-57
2.2.17 <i>Facility Credit Rating and History</i>	2-57
2.2.18 <i>Notifications</i>	2-59
2.2.19 <i>MIS Class</i>	2-61
2.2.20 <i>Change Log</i>	2-62
2.2.21 <i>Viewing Facilities Summary</i>	2-63
2.2.22 <i>Viewing Facility Covenant Tracking Summary</i>	2-64
2.2.23 <i>Tracking Facility Covenant Details</i>	2-65
2.2.24 <i>Viewing Previous Credit Limit Changes</i>	2-68
2.2.25 <i>Viewing Facility Log Details</i>	2-71
2.2.26 <i>Viewing Facility Summary Details</i>	2-72
2.2.27 <i>Processing of Advanced and Manual Facility Fees</i>	2-73
2.2.28 <i>Fee recalculation based on backdated transaction</i>	2-80
2.2.29 <i>Processing of (ECA) and Partial/Full Fee Liquidation</i>	2-82
2.3 Account/Contract Balance Maintenance for Netting.....	2-91
2.4 Facility Block Maintenance	2-93
2.4.1 <i>Ear Marking Maintenance</i>	2-93
2.4.2 <i>Facility Blocking</i>	2-95

2.5	Facility Utilization Maintenance	2-101
2.6	Queue Maintenance	2-109
2.6.1	<i>Exception Queue Maintenance</i>	2-109
2.6.2	<i>Exception Queue Slab Maintenance</i>	2-110
2.7	Breach Tracking for Main Line Facility Utilization Transactions	2-112
2.7.1	<i>Breach tracking at main line and child facility level</i>	2-112
2.8	Multi Authorization Maintenance	2-114
2.9	About Approval By Email.....	2-116
2.9.1	<i>Approval By Email - Breach Tracking Mechanism</i>	2-117
2.9.2	<i>Approval By Email format</i>	2-119
2.9.3	<i>Approval By Email Status</i>	2-121
2.10	Facilities Amount Transfer Maintenance	2-123
2.11	Dual Authorization of Utilization Transaction.....	2-124
2.12	Accounting Handoff Retry Summary	2-125
3.	Annexure 1 - Value Dated Facility	3-1
3.1	Introduction.....	3-1
3.2	Value Date Based Facility Maintenance.....	3-1
3.2.1	<i>Value Date Based Utilization Processing</i>	3-1
3.2.2	<i>EOD Processing</i>	3-2
4.	Function ID Glossary	4-1

1. Preface

1.1 Introduction

This manual is designed to help you to quickly get acquainted with the Oracle Banking Enterprise Limits Management system. It provides an overview and takes you through the various steps involved setting up and maintaining the Oracle Banking Enterprise Limits Management system.

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

1.2 Audience

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

Role	Function
Back office data entry clerk	Input functions for funds
Back office managers/officers	Authorization functions
Product Managers	Product definition and authorization
End of day operators	Processing during end of day/ beginning of day

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 Organization

This manual is organized into the following chapters:

Chapter 1	<i>About this Manual</i> gives information on the intended audience. It also lists the various chapters covered in this User Manual.
Chapter 2	<i>Limits</i> explains a series of maintenance options facilitated by Oracle Banking for Enterprise Limits Management.
Chapter 3	<i>Annexure 1 - Value Dated Facility</i> discusses the feature to maintain facility details based on a specific value date.
Chapter 4	<i>Function ID Glossary</i> has alphabetical listing of Function/Screen ID's used in the module with page references for quick navigation.

1.5 Acronyms and Abbreviations

You may find the following acronyms/abbreviations in this manual.

CASA	Current Account and Savings Account
DDA	System that holds the CASA account and balances
ELCM	Enterprise Limits and Collateral Management
ECA	External Credit Approval
FCUBS	Oracle FLEXCUBE Universal Banking Solution
GW	Gateway
HTTP	Hyper Text Transfer Protocol
ID	Identification Number
ORMD	Oracle Revenue and Billing Management
UI	User Interface
VD	Value Date
XML	eXtensible Mark-up Language

1.6 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

1.7 Related Documents

For more information refer to the Oracle Banking Enterprise Limits and Collaterals User Manuals on:

- User Defined Fields User Manual
- Enterprise Collaterals User Manual
- Enterprise Limits and Collaterals Common User Manual

2. Limits

The functions and actions provided by the Oracle Banking Enterprise Limits and Collateral Management are explained below. All functions explained below, come under Limits in the Menu Browser.

This chapter contains the following sections:

- [Section 2.1, "Maintaining Line Code details"](#)
- [Section 2.2, "Facilities Maintenance"](#)
- [Section 2.3, "Account/Contract Balance Maintenance for Netting"](#)
- [Section 2.4, "Facility Block Maintenance"](#)
- [Section 2.5, "Facility Utilization Maintenance"](#)
- [Section 2.6, "Queue Maintenance"](#)
- [Section 2.7, "Breach Tracking for Main Line Facility Utilization Transactions"](#)
- [Section 2.8, "Multi Authorization Maintenance"](#)
- [Section 2.9, "About Approval By Email"](#)
- [Section 2.10, "Facilities Amount Transfer Maintenance"](#)
- [Section 2.11, "Dual Authorization of Utilization Transaction"](#)

2.1 Maintaining Line Code details

You can create and maintain line codes in the 'Line Code Maintenance' screen. Using this screen you can maintain line code details. These details are populated to 'Facilities Maintenance screen' (GEDFACLT). You can invoke the 'Line Code Maintenance' screen by typing 'GEDLNCOD' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

Line Code Maintenance

New Enter Query

Line Code Template* Description Limit Amount Basis Revaluation Required

Line Currency

Revolving Line Interest Required Rate Agreement Required

Product Restrictions

Restriction Type Allowed Disallowed

1 Of 1 Go

Product Code *	Product Description
----------------	---------------------

FX Rate Revaluation Fee Preference

Maker Date Time: Mod No Record Status
Checker Date Time: Authorization Status Exit

Line Code Template

Specify a unique code for the Line Code Template.

Description

Specify the description of the Line Code.

Limit Amount Basis

The value for Limit Amount can be maintained as the following:

- Limit Amount Basis
- Limit Amount + Collateral Contribution Limit Amount
- Min(Limit Amount, Collateral Contribution)

Line Currency

Specify the currency in which the Line Code is to be defined.

Revolving Line

Select this check box to indicate that the credit line is Revolving. A revolving credit line indicates that a repayment of the utilized credit should reinstate the credit limit of the customer.

Interest Required

Select this check box to indicate the facility is applicable for interest calculation.

Revaluation Required

Identifies if the facility has to be revalued or not.

Rate Agreement Required

If this check box is selected, then rates are taken based on FX rate fixing. If this check box is not selected, then rates are taken from 'Currency Exchange Rates Input' screen based on the maintenance done in 'Global Exposure Parameter' screen.

The system picks the rate/rate code and updates the utilization across the facility linked to the contracts.

Product Restriction type

You can restrict the limit available under this line to a specific product by selecting allowed/disallowed option.

If you choose the restriction type as 'Allowed', click the  button and select the Product code from the list to indicate that they are allowed to use the line.

If you choose the restriction type as 'Disallowed', click the  button and select the Product code from the list to indicate that they are not allowed to use the line.

Product Code

Specify the product code from the LOV for the Product Restriction.

Product Description

The product code description is displayed.

Branch Restriction type

You can restrict the limit available under this line to a specific branch by selecting allowed/disallowed option.

If you choose the restriction type as 'Allowed', click the  button and select the Branch code from the list to indicate that they are allowed to use the line.

If you choose the restriction type as 'Disallowed', click the  button and select the Branch code from the list to indicate that they are not allowed to use the line.

Branch

Specify the branch code from the LOV for the Branch Restriction.

Branch Description

Branch Code description is displayed.

Tenor Restrictions

You can define the limits based on the tenor of the contracts that utilize the limit.

Tenor

Specify the Tenor Name.

Days

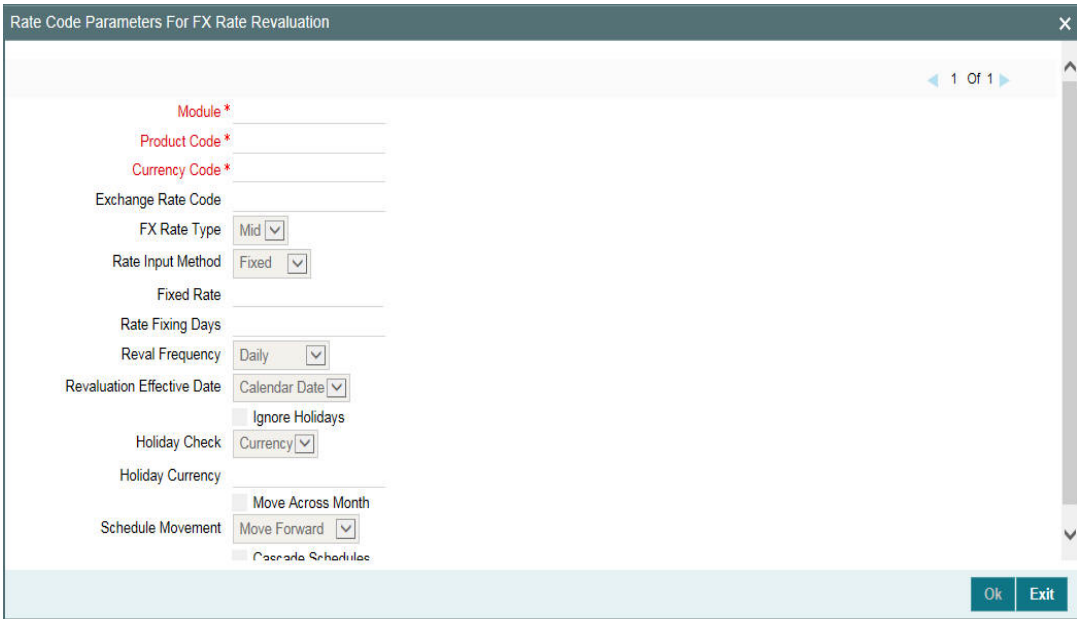
Number of days corresponding to the tenor.

2.1.1 FX Rate Fixing

Provision to fix a rate between a 'Transaction Currency' and 'Facility Currency'.

Currently, system picks the rates for utilization transaction based on the maintenance at Parameter level in 'Global Exposure Parameter Detail' screen.

A fixed rate can be provided or a set of parameters like rate type and rate indicators can be maintained, and the rate pick up is derived based on these parameters.



Module

Specify the associated module from the adjoining option list.

Product Code

Based on the module, the product code appears accordingly.

Currency Code

Specify the valid currency code. The 'Currency Code' cannot be same as 'Line Currency'.

Exchange Rate Code

Specify the exchange rate code. These rate codes are picked from the Currency Rate Type Definition screen (CYDCRATY).

'Exchange Rate Code' field entry is required if the Rate Input Method is 'Derived'. An error appears if 'Exchange Rate Code' has a value and 'Rate Input Method' is 'Fixed'.

FX Rate Type

You can either select 'Mid', or 'Sell' or 'Buy'.

Rate Input Method

You can either select 'Fixed' or 'Derived'.

- Fixed- Fixed rate provided at the FX level would be picked up.
- Derived- Based on Exchange Rate Code, FX Rate Type, and Rate Fixing Days provided, Rate would be derived.

The system revaluates only those contracts for which 'Rate Agreement Required' and 'Revaluation Required' are selected.

The Next Reval Date is updated as today's date for each contract.

After one EOD process, Next Reval Date is updated based on the 'Revaluation Frequency', 'Revaluation Effective Date' and 'Holiday Treatment' selected at the facility level.

After the End Of Day process, the facility would be revaluated with the modified values for Fixed and Derived Rate Input Method Type.

Fixed Rate

Specify the fixed rate.

'Fixed Rate' field entry is required if the 'Rate Input Method' is 'Fixed'. An error appears if 'Fixed Rate' has a value and 'Rate Input Method' is 'Derived'.

Rate Fixing Days

Specify the rate fixing days. The allowed values are 0-5.

System will pick up the rate from exact / nearest available date from the Currency Exchange Rates Input (CYDRATEE) or History of 'Currency Exchange Rates Input' screen.

For example: The system date is 22th November 2020, T-2 is provided at the facility level, Currency Exchange Rates Input (CYDRATEE) is available for 20th November and History rates are available for 19th November. In this case, the system will pick up the rate from Current Exchange Rates Input (CYDRATEE) as 20th November.

Reval Frequency

You can either select 'Daily', 'Weekly', 'Monthly', 'Quarterly', 'Half Yearly', 'Yearly', 'Ad Hoc' or 'None'.

Ensure to select 'Reval Frequency' if you have selected 'Revaluation Required' and 'Rate Agreement Required' check box in the 'Line Code Maintenance' screen or directly at the Facility level.

Adhoc - Fixed rates are revaluated only on modification of rate at facility level. So, the frequency for fixed rates are maintained as 'Ad Hoc'

None - If you need to suppress currency revaluation for a certain combination of 'Module', 'Product Code' and 'Currency Code', the 'None' can be selected as the Frequency.

For 'Daily', 'Weekly', 'Monthly', 'Quarterly', 'Half Yearly' and 'Yearly', next revaluation date is computed based on the Frequency selected.

Note

Reval frequency supported for 'Fixed' rate input method are 'ADHOC' and 'NONE'. For 'Derived' reval frequency except 'ADHOC' rate input method all other are supported.

Revaluation Effective Date

You can either select 'Calendar Date' or 'Value Date'.

In case of 'Calendar Date',

Next Reval date will be set as the date in which first utilization transaction is made. After one EOD, Next Reval Date will be set as 1st of next month irrespective of the revaluation frequency provided. After one more EOD, the system will update the Next Reval date based on 1st of the month + frequency.

For example:

If utilization transaction is made on 31st July, Next Reval date is set as 31st July. After one EOD, Next Reval date will be 1st August.

If the 'Frequency' is Weekly, post another EOD, Next Reval date will be updated as 8th Aug.

If 'Frequency' is Monthly, post another EOD, Next Reval date will be updated as 1st September and so on.

In case of 'Value Date',

Next Reval date will be set as the date in which first utilization transaction is made. After one EOD, the system updates the Next Reval date based on frequency provided.

For example:

If utilization transaction is made on 31st July, Next Reval date is set as 31st July. If 'Frequency' is Weekly, post one EOD, Next reval date will be updated as 7th August.

If Frequency is Monthly, post one EOD, Next Reval date will be updated as 31st August and so on.

Note

- NEXT REVAL DATE will be updated in 'GETB_UTILS' table
 - When the value of facility becomes negative on account of automatic revaluation, revaluation process skips such facilities and logs exception in 'GETM_FACILITY_EXCEPTION' table
-

Holiday Treatment**Ignore Holidays**

If this check box is selected, then holiday treatment is not applied to calculate the Next Reval Date. If this check box is not selected, then 'Holiday Preferences' settings are validated.

Move Across Month

If this check box is selected, then the system moves the date to next month. If this check box is unselected, then the system does not move the date to next month.

Example

Working Day	30-Aug	1-Sep
Holiday	31-Aug	
Schedule Movement	Move Forward	
Calculated Next Reval Date	31-Aug	

In above mentioned example, if 'Move Across Month' is selected, then the system moves Next Reval Date to 1-September. If 'Move Across Month' is not selected, then the system changes Next Reval Date to 30-August.

Schedule Movement

Move Forward

In case calculated Next Reval Date is holiday then date should be moved forward. In this case Next Reval Date moves to 1st Sep which is next working date

Move Backward

In case calculated Next Reval Date is holiday then date should be moved backward. In this case, Next Reval Date moves to 30th August which is previous working date

Cascade Schedules

If cascade schedules is selected, then the Next Reval Date is calculated on based on previous schedule date instead of start date.

Holiday Check

If holiday treatment is applicable, then you can select 'Local', 'Currency' or 'Both' based on your holiday maintenance.

If 'Both' is selected and 'Branch' or 'Currency' is holiday, then holiday processing setting is considered.

Holiday Currency

If holiday check is maintained as 'Currency' or 'Both' then currency code to be maintained here.

2.1.2 Fee Preference

Branch

You can maintain branch code in this screen and this value gets defaulted in 'Facilities Maintenance' screen.

Account No

You can maintain account number in this screen and this value gets defaulted in 'Facilities Maintenance' screen.

Waive all fees

Select this check box if you want to waive all the fees.

The screenshot shows a software window titled "Fee Preference". Inside the window, there is a label "Fee Preference" at the top left. Below it, there are two text input fields: "Branch" and "Account No". To the left of the "Branch" field is a checkbox labeled "Waive all fees". At the bottom right of the window, there are two buttons: "Ok" and "Exit".

2.2 **Facilities Maintenance**

You can maintain credit limits for a Line Code - Liability Code combination in the 'Facilities Maintenance' screen. You can invoke the 'Facilities Maintenance' screen by typing 'GEDFACLT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

Facilities Maintenance			
New Enter Query			
Branch		User Defined Status	
Liability No *		Status Changed On	YYYY-MM-DD
Liability Name			☐ Revolving Line
Line Code *		☐ Non Revolving Special(Intra-day Revolving)	
Serial No			☐ Netting Required
Description			☐ Unadvised
			☐ Funded
			☐ Shadow Limit
Main Line Code		Internal Remarks	
Line Currency *		Utilization Tracking	☒ Local
Category			☐ Global
Class Code		External Credit Rating	
	☐ Revaluation Required	Internal Credit Rating	
	☐ Rate Agreement Required		☐ Committed
Populate			
Amounts			
Limit Amount		Uncoll	
Pool Amount		Block Amount	
Collateral Amount		Approved Amount	
Transfer Amount		Day Light OD Limit	
Effective Line Amount		Day Light Limit	
Effective Line Amt Basis			Events
Limit Amount + Collateral Contribution	▼		
Maintenance Value Date	YYYY-MM-DD		
Utilization			
Available Amount		Amount Utilized Today	
Maximum Available Amount		Utilized Amount	
Date Of First OD	YYYY-MM-DD	Tanked Utilization	
Date Of Last OD	YYYY-MM-DD	Last New Utilization Date	YYYY-MM-DD
Netting Contribution		Total Amount Repaid	
OSUC Amount		Non Revolving Special(Intra-day Revolving) Available	
Outstanding Utilized Amount			
Utilization Statistics			
Net Utilization		Average Utilization	
Peak Utilization			
Availability			
Line Start Date	YYYY-MM-DD	☒ Available	
Line Expiry Date	YYYY-MM-DD	Book Date	YYYY-MM-DD
Line Grace Days		Availment Date	YYYY-MM-DD
Line Final Expiry Date	YYYY-MM-DD	Renewal Date	YYYY-MM-DD
Exception			
Exception Transaction Amount		Exception Breach Percentage	
Utilization Order			
Limit Amount		Collateral Amount	
Pool Amount			
Limit Review			
Limit Status	Active ▼	Next Review Date	YYYY-MM-DD
Review Frequency	▼	Closure Reason	
Freeze Reason			
Fee Preference Limit Restrictions Tenor Restrictions Source Restrictions Schedules Charges Covenants Pool Links Collateral Links Exposures User Defined Status Log Mandate Details Fields Comments Review History FX Rate Revaluation Credit Rating Notifications MIS Class Change Log			
Maker	Date Time:	Mod No	Record Status
Checker	Date Time:		Authorization Status
			Exit

Specify the following details:

Branch

By default, the system displays the branch code in which facility has to be created.

Liability Number and Liability Name

Select the liability number for linking the facility. Liability Name gets defaulted based on selected liability number.

Note

In case of backdated facility creation, the liability selected must be available on line start date for successful facility creation.

Line Code

Specify the Line Code to which the liability ID is to be associated with. Allocating credit limits for the Line-Liability combination can be done. The customer(s) who fall under this Liability Code avails credit facilities under this Credit line.

By linking a Credit Line to a Liability code the customer also gets linked to the Credit Line. This is true because a Liability code has been assigned to every credit seeking customer and the credit facilities granted to the customer are defined and tracked with this code.

You can either enter the Line Code or take from a LOV which picks the Line Code details maintained in the 'GEDLNCOD' screen.

Serial Number

Each time a Liability - line code combination is specified, Oracle Banking ELM system always defaults 1 as serial number. Thus, for every new record entered for a Liability No-Line Code combination, a serial number is defaulted to 1. The Liability - Line- Serial number forms a unique combination for facility identification.

Note

If a second facility is created with the same line code then an error appears on save. To create multiple facilities, you can also select the line code from the LOV and default the values by clicking on 'Populate' button. Then value of line code can then be changed and save.

Description

Give a brief description of the facility here.

Main Line Code

Specify the main line code, if the facility to be created is a sub line.

If the main line code is not specified, then the system defaults the line code as the main line code.

For NRS line, the following mainline and sub-line combinations are supported:

- NRS Main line and Revolving Sub-line
- NRS Main Line and NRS Sub-line

- Revolving Main line and NRS Sub-line

For example:

Main Line	Sub-Line (Level 1)	Sub-Line (Level 2)	Sub-Line (Level 3)
Revolving	Revolving	Revolving	Non-Revolving
	NRS	Revolving	Revolving

Note

- Non-revolving lines cannot be added as part of a facility hierarchy branch, if an NRS line is part of the same hierarchy either as main line or sub-line at any level
 - Non-revolving lines can be part of separate tree under the same revolving main line, where an NRS sub-line is part of different hierarchy with same revolving main line
 - In case of backdated facility creation, main line must be available as on backdated facility start date
-

Line Currency

Specify the currency in which the facility is defined. The currency that has been selected have the following implications:

- The limit amount that has been specified for this Line-Liability combination is taken to be in this currency.
- The line that has been defined is available for Utilization only in the line currency, unless specified otherwise under Currency Restrictions in this screen.

Once the entry is authorized you cannot change the currency.

If the limit allotted to this Line-Liability combination can be utilized by accounts and transactions in currencies other than the limit currency, the limit utilization is arrived at by using the mid-rate for the currency pair as of that day.

Category

Select the facility category from the list available here. The list displayed here is based on maintenance done in 'Category Maintenance' screen.

Class Code

Select fee class from class code adjoining option list.

In case of attaching fee class to the backdated facility, the fee class must be available on the line start date (back value date) as well as active on book date.

Revaluation Required

Identifies if the facility has to be revalued or not.

Rate Agreement Required

If this check box is selected, then rates are taken based on FX rate fixing. If this check box is not selected, then rates are taken from 'Currency Exchange Rates Input' screen based on the maintenance done in 'Global Exposure Parameter' screen.

The system picks the rate/rate code and updates the utilization across the facility linked to the contracts.

Revolving Line

Select this check box to indicate that the credit line is Revolving. A revolving credit line indicates that a repayment of the utilized credit should reinstate the credit limit of the customer. You can modify the preference, as required.

Non Revolving Special (Intra-day Revolving)

Enable this check box to indicate that the credit line is non-revolving special line.

Non-revolving special line acts as revolving line during the business day on which de-utilization transaction is done. Whenever the line amount is de-utilized, the system updates the Non Revolving Special Available value to the extent of de-utilization amount and allows utilization of the NRS amount on the same day.

At the beginning of day, the Non Revolving Special (Intra-day Revolving) Available value becomes zero and utilization can happen only for the Available Amount.

Netting Required

This check box is deselected by default, indicating that netting is not required for the facility. You can select this check box to enable netting for the facility.

Unadvised

Select this check box to indicate that the facility is unadvised.

Funded

Indicate whether the line is fund based or non fund based.

Shadow Limit

Select this check box to indicate that utilization amounts should be updated only for the facility and mainlines for the facility. Thus, when a utilization request is processed, the system updates the utilization amount only at the facility level and leaves the utilization amount at the liability level untouched.

The mainline and sub-lines of a facility need to have the same preference. This implies that you can enable this option for a sub-line only if the mainline has this option already enabled. Similarly, you cannot create a sub-line as a 'Shadow Limit' if the mainline does not have this facility.

Note

You cannot modify this option after you authorize the facility.

User Defined Status

Specify status of the facility (For example, NORM for normal, BLOCKED, and so on) from the list available here. The list displayed here is based on maintenance done in 'User Define Status Summary' screen.

Status Changed Date

Specify the date on which you want to change the status. You can specify a date before the line start date to block the line till the specified date. In addition, you can set a date prior to the application date.

Internal Remarks

Specify the internal remarks as limits terms and conditions.

Utilization Tracking

Signifies if the utilization tracking of the facility is done locally or globally.

For NRS lines, Utilization Tracking must be always 'GLOBAL'.

Sub-lines attached to GLOBAL NRS lines can be of type GLOBAL or LOCAL.

Committed

Enable this check box to mark the facility as committed. If this check box is not enabled, the system will consider the facility as non-committed. After saving and authorizing the facility creation, the 'Committed' flag will not be available for modification.

It is not necessary that the commitment status of the main line and the sub-line to be same. If the main line is committed, the sub-line can be non-committed and vice-versa.

Amounts

Specify the following details:

Limit Amount

Specify the limit for the facility. If you have maintained schedules for limits, the system automatically updates the limit amount here on the dates specified for each limit in the schedule.

Pool Amount

System defaults the Pool Amount on clicking save, based on the pools linked in the 'Pool Links' sub screen.

Collateral Amount

System defaults the Collateral Amount on save, based on the collaterals linked in the 'Collateral Links' sub screen.

Transfer Amount

System displays the transfer amount resulting from 'Facilities Amount Transfer' transactions. The value displayed has either the sign "-" or "+", indicating whether the amount is transferred from or to the line. If the sign is "-", then the amount is transferred from the line and if it is "+", then the amount is transferred to the line.

Effective Line Amount

The system displays the effective line amount.

Note

- Based on back value dated transactions, value dated balances of impacted amounts will be updated in addition to updating of book dated balances
 - As book dated balance is considered for backdated transactions like utilization, exchange rate as on book date will be considered for cross currency transactions
-

Effective Line Amount Basis

For defining drawing power of line the elements mentioned below are treated as the basis for the effective line amount calculation.

- Line Amount + Collateral
- Line Amount
- Minimum of Line Amount and Collateral

Note

EFF_LIMIT_AMOUNT can be used while setting up the IC rule for interest calculation based on facility effective limit amount.

Maintenance Value date

Specify the value date on which facility amount is modified. That is, the date on which facility amount modified is earlier than 'Book Date' for an active credit line.

When an amendment is done on a facility like limit amount, basis, and so on, if maintenance value date is given as a back value date, modification takes effect from the given maintenance value date and appropriately value dated balance is updated. If maintenance value date is not entered during amendment, processing date is default updated. However, maintenance value date cannot be prior to line start date.

If limit amount is modified with a back date as maintenance value date and subsequent to this date, limit was already applied based on an existing schedule, then the effect of limit amount change is only till existing and applied schedule as per this schedule date.

In case of future dated lines, any amendment done between the booking date and line start date, maintenance value date is updated as 'Line Start Date'.

Uncollected Amount

The system displays the uncollected amount.

Block Amount

Specify the block amount.

Approved Limit Amount

This is the maximum limit amount allowed for the facility and must be specified whenever you maintain schedule limits. System ensures that neither the 'Limit Amount' maintained here nor the schedule 'Limit Amount', maintained as part of the limits schedule is greater than the limit specified here".

Day Light OD Limit

Specify the Day Light Overdraft Limit for the line.

In case the Day Light OD Limit is specified, the total amount available for utilization = NRS Available amount + Available Amount + Day Light OD Limit.

Day Light Limit

Specify the day light limit.

The system validates the cumulative of all utilization transactions during the day against this day light limit and does not allow further utilization if daylight limit is breached. This is applicable even for utilization against NRS available balance available in NRS lines.

Utilization

This section contains the following details:

Available Amount

The system displays the available amount.

For backdated utilization transaction on NRS lines, available amount for the current day is updated only if the utilization amount is more than the NRS available balance zeroed on the value date.

Maximum Available Amount

The system displays the maximum available amount.

For NRS lines, maximum available amount at sub-line level is calculated considering NRS available amount at main line level.

Date of First OD

The system displays the date of first OD.

Date of Last OD

The system displays the date of last OD.

Netting Contribution

The system displays the netting amount in GEDACCNT screen.

The system displays the netting contribution if:

- The facility is linked in the 'Netting Account' screen.
- 'Netting Required' is checked at Liability level, Facility level, and Netting Account level.

OSUC Amount

The system displays the outstanding unutilized commitment amount calculated based on logic provided in the following table. The user cannot modify the value displayed in this field.

The Outstanding Unutilized Commitment (OSUC) at individual facility level will be calculated for all the lines - revolving, non-revolving and non-revolving special - based on the commitment status (Committed / non-committed) of the facility.

For both committed and non-committed NRS lines, OSUC amount is calculated as per the below logic, where NRS Adjustment is the utilization amount out of NRS available amount:

OSUC Amount = Utilized Amount - Matured Amount + NRS Adjustment

Calculation	Facility Type			
	Committed, revolving facility	Non-committed, revolving facility	Committed, non-revolving facility	non-committed, non-revolving facility
OSUC after facility creation	Available amount + outstanding utilized amount	Outstanding utilized amount	Available amount + outstanding utilized amount	Outstanding utilized amount
OSUC amount after utilization	Available amount + outstanding utilized amount	Outstanding utilized amount	Available amount + outstanding utilized amount	Outstanding utilized amount
OSUC amount after payment	Available amount + outstanding utilized amount	Outstanding utilized amount	Available amount + outstanding utilized amount	Outstanding utilized amount
OSUC amount after block	Available amount + outstanding utilized amount + block amount	Outstanding utilized amount	Available amount + outstanding utilized amount + block amount	Outstanding utilized amount
OSUC amount after netting	Available amount + outstanding utilized amount - netting amount	Outstanding utilized amount	Available amount + outstanding utilized amount - netting amount	Outstanding utilized amount
OSUC amount after transfer (in)	Available amount + outstanding utilized amount - transfer amount	Outstanding utilized amount	Available amount + outstanding utilized amount - transfer amount	Outstanding utilized amount
OSUC amount after transfer (out)	Available amount + outstanding utilized amount - transfer amount	Outstanding utilized amount	Available amount + outstanding utilized amount - transfer amount	Outstanding utilized amount

Outstanding Utilized Amount

The system displays the outstanding utilized amount of non-revolving facility calculated using the formula “utilized amount - repaid amount”. The amount displayed in this field cannot be modified.

Note

For revolving lines, de-utilized amount is updated back to the facility. Thus the utilized amount field is impacted. Whereas, for non-revolving line, de-utilized amount does not impact the utilized amount field as the amount is not ploughed back into the facility. Outstanding Utilized Amount gives a visibility on actual outstanding utilization for the non-revolving line duly considering the utilized amount and the repaid amount.

Last New Utilization Date

The system displays the last new utilized date.

Amount Utilized Today

The system displays the amount utilized on the current date.

Utilized Amount

The system displays the utilization amount.

For backdated transactions on NRS lines, utilization amount for the current day is updated only if the utilization amount is more than the value dated NRS available balance.

Tanked Utilization

The system computes and displays the utilization amount that can be set in the 'Tanked Utilization' field.

As part of EOD process, the utilization amount is set in the 'Tanked Utilization' field.

During EOD process, this utilization amount is updated as indicated below:

- Based on the liability which is linked to the transaction as per the contract
- Based on the collaterals that is linked to the transaction.
- Based on the collaterals pool which is linked to the transaction.

After BOD process, the amount is cleared from the 'Tanked Utilization' field and it is updated in the utilization amount.

Total Amount Repaid

The system displays the amount which is updated on the facility on account of de-utilization. The user cannot edit the amount displayed in this field.

Non Revolving Special (Intra-day Revolving) Available

For NRS lines, the system displays the total amount de-utilized on the current business day in facility currency. This amount is yet to be utilized and available for utilization on the same day.

Utilization transaction on the same day as that of de-utilization transaction first updates the Non Revolving Special (Intra-day Revolving) Available value. For NRS lines, Available Amount is updated only when the NRS amount is zero or completely utilized.

NRS Available balance calculation is explained in detail in the below example.

S.No	Transaction	Date	Effective Line Amount	Utilized Amount	Available Amount	NRS Available
1	Facility Creation	1st January	10000	0	10000	0
2	Utilization of 6000	1st January	10000	6000	4000	0
3	De-utilization of 2000	1st January	10000	6000	4000	2000
4	Utilization of 1500	1st January	10000	6000	4000	500
5	Utilization of 3000	1st January	10000	8500	1500	0

Non Revolving Special Available balance in main line is updated considering de-utilizations at both main and sub-lines.

For sub-line utilization, NRS available amount and available amount at sub-line level is considered. If available amount + NRS available amount at main line level is less than sub-line, then utilization at sub-line level is restricted to total availability at main line level.

The system updates the NRS Available balance even after the expiry of facility based on de-utilizations. If the facility is made available post expiry on same day as that of de-utilization, NRS Available balance is considered for utilization before the Available Amount.

For example:

S.NO	Amount / Transaction	1st January	2nd January (before facility reactivation)	2nd January (after facility reactivation)
1	Facility Status	Expired	Expired	Active
2	Available Amount	1500	1500	1500
3	De-utilization	0	1000	1000
4	NRS Available after de-utilization	0	1000	1000
5	Utilization	0	0	1000
6	NRS Available after utilization	0	0	0

Note

In the above example, de-utilization is considered on both the expired and active lines, whereas utilization is considered only on the active line.

For backdated utilization and de-utilization transactions, NRS Available amount gets updated on the value date and does not consider the book date.

Any backdated utilization done after the backdated de-utilization first updates the value dated NRS Available balance. The Available Amount as on current date is updated only if the utilization amount is more than the NRS available amount on that day.

Note

- Collateral or currency revaluation does not impact the NRS Available balance.
 - NRS Available balance becomes zero during the day itself in case NRS line is closed before EOD.
-

Utilization Statistics

This section displays the net, peak, and average utilization of the facility in facility currency based on predefined logic.

Net Utilization

Net Utilization is derived by deducting the collateral value against facility from the outstanding utilized amount.

For example, if the facility effective limit amount is 100000, current outstanding utilized amount after payment is 60000, and the value of collateral attached to facility is 40000, then the Net Utilization is 20000 (60000-40000).

Net utilization amount will be zero, if the linked collateral value is greater than the Outstanding (utilized) amount.

If collateral is not linked to the facility, the net utilization amount is the outstanding utilized amount.

The system calculates the net utilization amount everyday while processing BoD batch (ELBFACT) based on end of day outstanding utilized amount and the collateral value on the previous day.

The Net Utilization will be displayed for both revolving and non-revolving lines.

In case of revolving lines, utilized amount is the current outstanding (utilized) amount.

Whereas for non-revolving lines, the current outstanding (utilized) amount will be arrived by deducting total repaid amount from the outstanding utilized amount.

Note

- Revaluation of collateral and facility will be considered while calculating the net utilization amount.
 - Net utilization cannot be reset during the life-cycle of facility.
-

Peak Utilization

Peak Utilization is the maximum outstanding utilization of a facility over the time period configured in the 'Global Exposure Parameter Detail' screen (GEDPARAM).

For example, if 'Rollover in Days' value is specified as 30 or 'Frequency' is selected as Monthly in GEDPARAM, peak utilization is the end of day outstanding utilization amount that is greater than all other end of day outstanding utilization amounts during the configured number of days or in the whole month.

The system calculates the peak utilization as a part of BoD batch process (ELBFACTL).

Average Utilization

Average Utilization is the average outstanding of the end of day balances over the time period configured in the 'Global Exposure Parameter Detail' screen (GEDPARAM).

For example, if 'Rollover in Days' value is specified as 30 or 'Frequency' is selected as Monthly in GEDPARAM, average utilization is the average outstanding of the end of day balances over the configured number of days or the month.

The system calculates the average utilization as a part of BoD batch process (ELBFACTL).

Note

Refer OBELCM Common User Manual for information on utilization statistics configuration for peak and average utilizations.

Processing future dated credit line

A future dated credit line is a credit line that has a value date later than the date on which it is booked. You can create credit line with value date as future date for the following lines.

- Main-Lines
- Sub-Lines

You can create future dated sub-lines only for active main-lines. Both main-line and sub-line cannot be created with future value date.

System validates that only active main lines can be linked to a future dated sub-line and only active lines are list in LOV against main line.

Availability

Specify the following details:

Line Start Date

Specify the line start date. Line start date can be current business date, back value date or future date.

In case of current business date and back value date, the line start date cannot be modified once the facility record is authorized.

In case of future date, the line start date can be modified after the record is authorized. However, it cannot be prior to the current business date.

If the line start date is not specified, system defaults the line start date as the current application date. You cannot modify this system defaulted date after the record is authorized.

The credit line becomes active on the specified line start date. If the line start date falls on a holiday, an override message appears.

For future dated facility, facility initiation event will be triggered on 'Line Start Date' with contingent entries.

For backdated facility, contingent entries for facility creation will be posted with transaction date as book date and value date as facility start date on facility creation date. Accounting

entries handed off to UBS will also have transaction date as book date and value date as facility start date and accordingly BDBAL and VDBAL will be updated.

Note

Line start date of backdated facility cannot be prior to the first day of start month configured in GEDPARAM.

Line Expiry Date

Specify the expiry date for the facility. If the limit amount assigned to the facility is not utilized within the specified expiry date then the 'Available' check box remains deselected. This freezes the line for the respective liability.

The freezing of the line code is part of the Oracle Banking ELCM EOD Batch.

The Oracle Banking ELCM system does not allow the expiry date of a facility to exceed the expiry date of linked collateral(s).

When a Facility record is saved, the system compares the expiry date of all the linked collaterals (both collateral directly linked and collaterals linked through pool) with the expiry date of facility. An error message is shown if any expiry dates are less than the expiry date of the Facility.

If the expiry date falls on a holiday maintained in the branch, then system displays the error message 'Facility Expiry Date falls on a branch Holiday'.

The facility shall not be available on the maturity/expiry but you can modify the facility on the expiry date if required.

Note

In case of backdated facility creation, the line expiry date must be later than the facility book date.

Available

This check box is enabled by default for the backdated facilities as well as the facilities created with current system date as start date. The system will disable this check box if the 'Line Start Date' is provided as future date, that is the credit line is in inactive state, and will enable on the date when the credit line becomes active.

The Oracle Banking ELCM system tracks the status of both the Contract and the Facility. When the status of the Contract changes to PDO, then the Facility becomes unavailable.

The product processor gives an ASCII file including all the facilities which need to be frozen. Oracle Banking ELCM initiates an amendment event and then deselects the 'Available' check box.

Book Date

Specify the date on which the credit line is booked in the system. The system date is defaulted. You cannot modify this date.

Note

- Amendments to facility between booking date and line start date is considered at the time of initiation of contract on line start date
 - Available check box gets automatically selected on line start date BOD and facility is available for utilization.
 - For backdated facilities, fee entries will have transaction date as facility book date and value date as corresponding fee liquidation (FLIQ) / fee accrual (FACR) date.
-

Availment Date

Specify the availment date on which the first utilization should take place. If the limit amount assigned to the facility is not utilized within the specified availment date then the available check box is disabled. This freezes the line for the respective liability.

Exception

Specify the following details:

Exception Transaction Amount

Specify the Exception transaction amount. During utilization transaction when the utilization amount crosses the specified exception transaction amount, there is a breach of the limit amount. This is a credit exception in the transaction. You can use the 'Multi-authorisation' screen for authorising such a transaction.

Note

The utilization transaction can also be authorized or rejected using the "Multi Authorization Maintenance screen based on the system configuration.

Exception Breach Percentage

Specify the Exception Breach Percentage. During utilization transaction when utilization amount crosses the specified Exception Breach Percentage, there is a breach of the limit amount. This is a credit exception in the transaction. You can use the 'Multi-authorisation' screen for authorising such a transaction.

Note

The utilization transaction can also be authorized or rejected using the 'Multi Authorization Maintenance' screen based on the system configuration.

Utilization Order

In case you link collateral and / or collateral pool to the facility and selected 'Effective Line Amount Basis' as Limit Amount + Collateral or Minimum of Line Amount and Collateral, you must specify the order of utilization in this section. The Utilization Order is non mandatory, if the 'Effective Line Amount Basis' is selected as Limit Amount. Once specified, the utilization of entity will happen in the mentioned order.

Note

- Order has to be mentioned for all three components
 - After facility creation, the order of utilization cannot be removed. It can only be modified, if the utilization already happened has not been breached and the available balance is not negative.
-

Limit Amount

Specify the utilization order for the limit amount. For example, 1, 2, or 3.

Collateral Amount

Specify the utilization order for the collateral amount. For example, 1, 2, or 3.

Pool Amount

Specify the utilization order for the pool amount. For example, 1, 2, or 3.

Limit Review**Limit Status**

Select the status of the limit from the adjoining drop-down list. The options available are:

- Active
- Closed
- Frozen

Next Review Date

Based on the review frequency, the system displays the next limit review date. This date is derived by adding the frequency days to the current date.

If you do not select any of the provided review frequency and set it to blank, then you need to manually enter the next review date.

The next review date must always be before the facility expiry date.

Review Frequency

Select the frequency at which the limit should be reviewed. The options available are:

- Monthly
- Quarterly
- Half yearly
- Yearly
- Blank - if you select this, you need to specify the next review date.

Closure Reason

Specify the reason for limit closure. The system also displays the closure reason based on CAM process flow.

Freeze Reason

Specify the freeze reason of the limit. The system displays this based on CAM process flow.

Note

The following SDEs are not applicable for ELCM based interest calculation.

- ELCM based interest calculation SDEs,
 - Limit_Amount, Eff_Limit_Amount
 - Matured_Amount - If you repay the already utilized amount, then the repay credit will update on the Matured_Util field of the 'Getm_facility' table.
-

Note

In case of granular access, facility details maintained for allowed list of customers are allowed to view, query, modify, authorize, re-open, copy, delete, and so on based on the user/users preferences selected in 'Access Group Restriction' tab available in the 'User Maintenance' screen. For more information, refer to *Common Core - Security Management System User Guide*.

2.2.1 Maintaining Facility Event Details

The 'Facility Event Details' screen is used to view the event details related to the facility online.

You can click 'Events' button or type 'GEDFEVNT' in the field at the top right corner of the application toolbar and click the adjoining arrow button to invoke this screen.

Facility Event Details

Enter Query

Liability No _____ Liability Name _____
Line Code _____ Serial No _____
Line Currency _____ Description _____

1 Of 1 Go

Event Code	ESN	Currency	Event Date	Maker ID	Release Time	Checker Id	Checker Date Stamp
------------	-----	----------	------------	----------	--------------	------------	--------------------

1 Of 1 Go

Event	Branch	Account Number	Dri/Cr	Amount Tag	Ac Currency	Fcy Amount	Exchange Rate	LCY Am
-------	--------	----------------	--------	------------	-------------	------------	---------------	--------

Maker _____ Date Time: _____ Mod No _____ Record Status _____
Checker _____ Date Time: _____ Authorization Status _____

Exit

Liability No

Facilities have to be linked to a liability. Specify the liability number for which the facility is linked.

Liability Name

Specify the liability name.

Line Code

Specify the line code to be used for facility. If a line code is linked to a facility then it is required to track the limits of the linked line.

Serial No

Indicates the ELCM generated unique identifier for the facility. The 'Serial No' field is disabled and it gets defaulted from the 'Facilities Maintenance' screen.

Line Currency

Specify the currency in which the facility is defined. The currency that has been selected have the following implications:

- The limit amount that has been specified for this Line-Liability combination is taken to be in this currency.
- The line that has been defined is available for Utilization only in the line currency, unless specified otherwise under Currency Restrictions in this screen.

Once the entry is authorized you cannot change the currency.

If the limit allotted to this Line-Liability combination can be utilized by accounts and transactions in currencies other than the limit currency, the limit utilization is arrived at by using the mid-rate for the currency pair as of that day.

Description

Specify the facility description.

Event details can be fetched based on the following filter conditions.

- Liability Number
- Line Code
- Serial Number

2.2.2 Maintaining Fee Details

You can add fee details on the facility maintenance using 'Fee Details' screen. To invoke this screen, click 'Fee Preference' button on the 'Facility Maintenance' screen.

The screenshot shows a 'Fee Details' window with two main sections:

- Holiday Treatment:**
 - Ignore Holidays: ☐
 - Move Across Month: ☐
 - Cascade Schedules: ☐
 - Waive all fees: ☐
 - Holiday Check: Currency (dropdown)
 - Holiday Currency: (text field)
 - Schedule Movement:
 - Move Forward: ☒
 - Move Backward: ☐
 - Verify Funds: ☐
 - Partial Liquidation: ☐
- Fee Rule Preferences:**
 - Navigation: 1 Of 1, Go
 - Table Headers: Rule, Fee Start Date, Fee End Date, Fee Type, User Input Fee Amount, SDE Type, Component Type, Rate / Amount, Fee Currency, Branch
 - Table Body: (Empty)
 - Buttons: Ok, Exit

Fee Rule Preferences

Specify the following:

Holiday Treatment

Ignore Holidays

If this check box is selected, then holiday treatment is not applied to calculate the next date. If this check box is not selected, then 'Holiday Preferences' settings are validated.

Move Across Month

If this check box is selected, then the system moves the date to next month. If this check box is unselected, then the system moves the date to next date.

Example

Working Day	30-Aug	1-Sep
Holiday	31-Aug	
Schedule Movement	Move Forward	
Calculated Next Date	31-Aug	

In above mentioned example, if 'Move Across Month' is selected, then the system moves next date to 1-Sep. If 'Move Across Month' is not selected, then the system changes next date to 30-Aug.

Schedule Movement

Move Forward

In case calculated next date is holiday then date should be moved forward. In this case fee liquidation moves to 1st Sep which is next working date.

Move Backward

In case calculated next date is holiday then date should be moved backward. In this case, fee liquidation moves to 30th Aug which is previous working date.

Verify Funds

You can select this check box if ECA check is required. If this check box is selected, then liquidation of fees follows the ECA process (as opted for full or partial liquidation). If this check box is not selected, then the system does a force post for all fees components.

Partial Liquidation

If this check box is selected, then partial liquidation/recovery is allowed based on the balance amount of fees available in CASA. If this check box is not selected, then system will opt to recover full amount of fees and will not try for partial liquidation/recovery in case of insufficient CASA balance.

Note

If this check box is selected and 'Verify Funds' check box is not selected, then an error appears on save of facility. If this check box is not selected and 'Verify Funds' check box is selected an override appears on save of facility and then full liquidation happens. Only if both the check boxes are selected then partial liquidation is allowed.

Cascade Schedules

If cascade schedules is selected, then the next date is calculated on based on previous schedule date instead of start date.

If fee liquidation date for one of the liquidation cycle is changed based on holiday processing setting and if cascade schedule is selected future liquidation dates of corresponding fee gets modified as per the newly arrived liquidation date.

Holiday Check

If holiday treatment is applicable, then you can select 'Local', 'Currency Holiday' or 'Both' based on your holiday maintenance.

If 'Both' is selected and 'Branch' or 'Currency' is holiday, then holiday processing setting is considered.

Holiday Currency

If holiday check is maintained as 'Currency' or 'Both' then currency code to be maintained here.

Rule

Click 'Populate' in the 'Facility Maintenance' screen to display the fee rules linked to the fee classes in the 'Fee Preference' sub-screen.

Fee Start Date

Specify the date from which the fee needs to be calculated. If fee start date is left blank, then 'Line Start Date' is defaulted. The fee start date cannot be before 'Line Start Date'.

For backdated facility, fee start date gets updated as line start date (back value date).

Fee End Date

Specify the date, till which the fee needs to be calculated. If it is left blank, system will default the 'Line Expiry Date' as 'Fee End Date' on clicking 'Save'.

For backdated facility, fee end date can be prior to or after the facility book date, but it should be on or before the facility expiry date.

Fee Type

Displays whether the 'Fee Type' is 'Rate' or 'Amount'. These values get defaulted from the 'Fee Rule Maintenance' screen.

User Input Fee Amount

The fee amount must be entered if the fee is of 'User Input Fee'.

SDE Type

If the fee is based on any SDEs, the SDE which is linked to that fee is displayed.

Component Type

Indicates the 'Slab' or 'Tier' fee component type. This value is fetched from the GEDRULES.

Rate Amount

Specify the applicable fee rate or amount. For 'Slab' component type both fee rate and amount are applicable whereas for 'Tier' component type only fee rate is applicable.

Fee Currency

The system defaults the fee currency as line currency on facility creation. It is a read -only field.

Branch

Indicates the Branch code. You can either enter the branch code or select the branch code from the adjoining option list.

Account Number

Account number configured in 'Fee Class Maintenance' screen (customer debit) for the corresponding fee rule which gets defaulted in this field. If required you can modify.

Select the account number from the adjoining option list. A list of all valid accounts related to customer linked to liability are displayed here.

Account Currency

Once you select the account number, the account currency is defaulted.

Liquidate Method

The liquidation method of fee maintained in 'Fee and Accounting Class Maintenance' screen, whether it is 'Arrears' or 'Advance' is displayed here.

Liquidation Preference

The liquidation preference of fee maintained in 'Fee and Accounting Class Maintenance' screen whether it is 'Auto' or 'Manual' is displayed here.

Start Date

The date in which the fee has to be liquidated is defaulted from 'Fee and Accounting Class Maintenance' screen.

Start Month

The month in which the fee has to be liquidated is defaulted from 'Fee and Accounting Class Maintenance' screen.

Waived

While maintaining a facility, we can waive the specific fee linked to class in the fee preference.

Defer Liquidation

If an individual fee (arrears fee) for a facility has to be deferred for a fee liquidation cycle, then this check box needs to be enabled. It allows you to defer liquidation of fees attached to a credit line.

Defer check box is not selected by default at the time of facility creation. If defer check box is selected during facility creation, entering defer liquidation days is mandatory.

Likewise, for a fee which is attached during facility creation, defer check box is available for selection as part of amendment for the particular liquidation cycle. Fee which is marked as deferred gets liquidated on the deferred liquidation date.

After liquidation of a deferred fee, defer settings will be carried forward to the next liquidation cycle with same number of defer days. In case you don't want to defer the fee liquidation for next liquidation cycle, you need to disable the 'Defer Liquidation' check box after liquidation of current cycle fee on the deferred date.

Defer Liquidation Days

The number of days fee liquidation is to be deferred. That is, number of days after which fee is liquidated from its original liquidation date.

Note

- Defer fee liquidation is applicable for all fees with 'Liquidate Method' as 'Arrears' and 'Liquidation Preference' as 'Auto'.
 - Defer fee liquidation is not applicable if the fee 'Liquidation Frequency' is 'One time' or 'Daily'. If liquidation frequency is 'Monthly'/'Quarterly'/'Half Yearly'/'Yearly', then the maximum number of days deferred can be 27.
 - Defer fee liquidation is not applicable for fees with 'Liquidate Method' as 'Arrears' and 'Liquidation Preference' as 'Manual'.
 - Defer related changes (disabling 'Defer Liquidation' check box and modifying 'Defer Liquidation Days') made during the deferment period will become effective from next liquidation cycle.
 - Fee liquidation event and entries are triggered on the deferred liquidation date.
 - Deferred fee liquidation transaction will have value date as original liquidation date and booking date as transaction date (deferred liquidation date).
 - Backdated utilizations or limit modifications done during defer period will result in recalculation of applicable fee as it impacts the fee rules linked to the facility. The recalculated fee amount will be liquidated on deferred liquidation date irrespective of configuration of recalculating already liquidated fee.
 - For fees with holiday processing applicable, new deferred liquidation date is arrived at by adding the defer number of days to the original liquidation date calculated based on applicable holiday processing rule. However, if the deferred liquidation date falls again on a holiday, fee liquidation event is triggered on the same day with accounting.
 - ECA processing considers the new fee liquidation date as a result of deferred fee liquidation.
-

Effective Dates

Specify the dates from which the fee rate details are applicable for the specific fee linked in the 'Fee Rule Preference' screen.

Effective dates cannot be prior to line start date. System prompts if there is no effective date record with rate/amount as on fee start date.

Fee Rate Details

Specify the following:

Basis Amount

Specify the fee basis amount.

Rate

Specify the fee rate in percentage

Amount

Specify the fee amount.

Note

For backdated facility, the system will liquidate the fee amount (both advance and arrears fee) due for liquidation till the facility book date on book date itself.

External Pricing Required

This value is defaulted based on the class selected in 'Fee and Accounting Class Maintenance' screen and you cannot modify this value.

Compute Ext Pricing

This button is enabled only if 'External Pricing Required' check box is selected in 'Fee Rule Maintenance' screen. You need to provide the effective date for fee component and click 'Compute Ext Pricing' button. The system fetches the pricing value for the date selected from the external pricing and billing system.

Note

For backdated facilities:

- Fee start date and effective date of fee rule can be same as or later than the line start date.
 - Fee accrual will happen for the current cycle from the last liquidation date till book date if the present liquidation cycle is not complete and liquidation date of present cycle is in future.
-

2.2.3 Maintaining Limit Schedules

The limit assigned to a customer under a revolving line can be reduced. You can define these details while maintaining limits for a customer. From the Facilities Maintenance screen, click 'Schedules' button.

The screenshot shows a software window titled "Schedules Maintenance". Inside, there's a section labeled "Schedules" containing a table. The table has two columns: "Limit Date" and "Limit Amount". The table is empty. Above the table is a navigation bar with "1 Of 1" and a "Go" button. To the right of the table are "+" and "-" buttons. At the bottom right of the window are "Ok" and "Exit" buttons.

For a liability code and credit line combination, you can define limit schedules and indicate the limit that is applicable for the period. You can enter a negative limit amount. However, the 'Limit Date' should not be earlier than the 'Limit start date' and later than the 'Limit Expiry Date'.

The Facility batch which runs at BOD checks the limits schedule for a facility and if a schedule is due on the current date in the branch. If so, it updates the limit amount for the facility for which the schedule is due with the schedule limit amount.

Limit Date

Specify the limit date. The limit date cannot be earlier than current business date.

The limit date cannot be earlier than 'Line Start Date'. It should be future date of 'Line Start Date'.

Schedules Limit Amount

Specify the limit amount for the specific limit date.

You need to enter details in this screen only for transactions that involve a Tenor (Example, Loans, Money market transactions, and so on). Through this screen you can specify a list of Tenors and the associated limit that tenor based transactions can utilize under this line.

For example, you have defined a limit schedule for a facility for your client ABC Corporation where the Limit Amount initially is USD 1 million and the start date for the facility is Jan 01,2009. The schedule is as shown below:

Limit Date	Limit Amount
February 01, 2009	500000
March 02, 2009	800000
April 03, 2009	400000
May 04, 2009	900000

In this case, during BOD on Feb 01, 2009, the limit amount is updated to USD 500,000 and on Mar 02, 2009 it is modified again to USD 800,000. If the batch does not run on Mar 02, 2009, it will be run on Mar 03, 2009. Accordingly, the 'Scheduled Limit Amount' defined for Mar 02, 2009 Schedule is updated as Facility Limit Amount.

During EOD, the system processes limits schedules and revision process takes place for the facilities as per the scheduled date. It processes the limit schedules till next working day and marks all the schedules till date as processed.

When the Facility Start Date and Schedule Date falls on the same day, then on save of Facility record, you get an override message for confirmation on updating the limit amount of Facility as per the schedule amount.

While processing, if there are any errors or overrides, it should be logged. The following are the possible errors:

- Available amount is negative for the facility.
- The Tenor Limit Amount exceeds the Line Approved Limit Amount as the validation of the Tenor Limit Amount is against the Approved Limit Amount.
- The amount cannot exceed the overall limit specified for the liability id.
- The Main Line Limit cannot be less than any of its Sub Line Limit.
- The Sub Line Limit cannot exceed the Main Line Limit.

Example

Assume the following:

- Liability - GROUPLIAB
- Line - SHTLLIMIT
- Serial - 1
- Start Date - 01-Jul-2009
- Limit Currency - USD
- Limit Amount - 50000

Schedules:

Limit Date	Limit Amount
15-July-2009	60000
28-July-2009	65000
30-July-2009	75000

Limit Date	Limit Amount
15-Aug-2009	80000

- System Date - 14-Jul-2009
- Limit Amount - 50000
- On 14-Jul-2009 EOD, limit revision process takes the 15-Jul-2009 schedule and update 60000 as limit amount. The revised limit is enforced or effective on 15-Jul-2009.
- System Date - 15-Jul-2009
- Limit Amount - 60000

Schedules:

Limit Date	Limit Amount
15-July-2009	60000
28-July-2009	65000
30-July-2009	75000
15-Aug-2009	80000

- System Date - 27-Jul-2009
- Limit Amount - 60000
- Next working Day - 30-Jul-2009

On 27-Jul-2009 EOD, the limit revision process picks 28-Jul-2009 and 30-Jul-2009 schedules and update 75000 as limit amount. The revised limit is enforced / effective on 30-Jul-2009.

- System Date - 30-Jul-2009
- Limit Amount - 75000

Schedules:

Limit Date	Limit Amount
15-July-2009	60000
28-July-2009	65000
30-July-2009	75000
15-Aug-2009	80000

2.2.4 **Specifying Covenant Details**

The covenant details can be captured for facility in the 'Covenant Details' screen. Click 'Covenants' to invoke this screen.

Multiple covenants can be entered in the screen shown below. You can customize the details of each covenant recorded here.

Note

For backdated facility, covenants linked to the facility will be tracked from the facility book date.

Covenant Name

Select the covenant name from the available list. The list displays the covenant names maintained in Covenant Maintenance screen. Based on the covenant selected, all other details of the covenant maintenance are displayed.

Description

Covenant description maintained in GEDCOVNT is defaulted based on selected covenant.

Mandatory

Mandatory/Non mandatory details are shown on choosing a covenant name. You may change this.

Covenant Reference Number

Indicates the covenant reference number.

Start Date

Start date indicates the effective date of covenant for the particular facility.

Start date will get defaulted to current business date when covenant is linked to the facility. You can change the start date, if required.

Note

- Start Date cannot be back date
 - Start Date can be current date or future date
 - Start Date cannot be modified after saving and authorizing the facility covenant record. This is applicable for current dated as well as future dated covenants
-

End Date

Specify the end date of covenant. After this end date, covenant tracking or notification generation is not applicable.

The system performs certain validations for covenant end date as shown below based on the dependencies like Frequencies and Review/Notice/Grace days.

Business date	Start date	Frequency	Review date	Notice days	Notice date	End date existing	Modified end date	Modification	Remarks
13TH OCT	10TH OCT	MONT HLY	10TH NOV	5	5TH NOV	NIL	10TH JAN	ALLOWED	Signifying new end date is allowed
13TH OCT	10TH OCT	MONT HLY	10TH NOV	5	5TH NOV	10TH JAN	NIL	ALLOWED	Removing existing end date is allowed
13TH OCT	10TH OCT	MONT HLY	10TH NOV	5	5TH NOV	10TH JAN	10TH MAR	ALLOWED	-
13TH OCT	10TH OCT	MONT HLY	10TH NOV	5	5TH NOV	10TH JAN	1ST DEC	ALLOWED	Last covenant will fall due on 10th November
13TH OCT	10TH OCT	MONT HLY	10TH NOV	5	5TH NOV	10TH JAN	10TH NOV	ALLOWED	-
13TH OCT	15TH SEP	MONT HLY	15TH OCT	3	12TH OCT	15TH JAN	15TH OCT	ALLOWED	-
13TH OCT	15TH SEP	MONT HLY	15TH OCT	3	12TH OCT	15TH JAN	14TH OCT	NOT ALLOWED	Modified end date cannot be less than next Review date, if tracking task is triggered
13TH OCT	15TH SEP	MONT HLY	15TH OCT	1	14TH OCT	15TH JAN	14TH OCT	ALLOWED	Modification is allowed since tracking task is not yet triggered. Covenant tracking is stopped
13TH OCT	15TH SEP	MONT HLY	15TH OCT	1	14TH OCT	15TH JAN	13TH OCT	ALLOWED	Since covenant tracking task is yet to be generated, end date can be modified as current business date

13TH OCT	15TH SEP	MONT HLY	15TH OCT	2	13TH OCT	15TH JAN	14TH OCT	NOT ALLOWED	Since tracking task is triggered, end date modification is not allowed
13TH OCT	15TH SEP	MONT HLY	15TH OCT	2	13TH OCT	15TH JAN	12TH OCT	NOT ALLOWED	Since modified end date is backdated, modification is not allowed
13TH OCT	15TH MAR	MONT HLY	15TH OCT	2	13TH OCT	15TH SEP	15TH JAN	NOT ALLOWED	Since end date has already passed, no modification is allowed
13TH OCT	15TH MAR	MONT HLY	15TH OCT	2	13TH OCT	15TH SEP	NIL	NOT ALLOWED	Since end date has already passed, modification is not allowed

Note

End date is not mandatory.

Frequency

Frequency of the specified covenant is defaulted here based on the details maintained at 'Covenant Maintenance' screen (GEDCOVNT). You may change the frequency shown here on choosing a covenant name.

Custom Days

Specify the Custom Days for covenant tracking, if 'Custom' is selected as 'Frequency'.

For example, if the frequency is defined as 'Custom' and 'Custom Days' is specified as 20, then frequency will be once in 20 days.

Note

Custom date value can be minimum 1 and maximum 999.

Start Month

Specify the covenant start month.

Note

Start month cannot be selected without selecting the Due date

Due date

Specify the covenant due date.

Note

Due date can be selected without selecting the start month.

Review Date

Indicates the date on which covenant has to be revisited for review.

The system derives the first review date based on below combinations and updates when the covenant is saved.

- Start Date + Frequency (if Start Month and Due Date are not provided)
- Start Date + Combination of Start Month and Due Date (if Start Month and Due Date both are provided along with Frequency).
 - If Start Month and Due Date are > current application date, then Review Date = Due Date, start month of current year.
 - If Start Month and Due Date <= current application date, then Review Date = Due Date, start month of next year.

Note

The system notifies the user if the computed review date falls in the next year.

- Start Date + Due Date (if only Due Date is provided along with Frequency)
 - If Due Date > current application date, then Review Date = Due Date of current month.
 - If Due Date <= current application date, then Review date = Due Date of next month.
- Subsequent Review date gets updated based on the first Review Date + Frequency specified.

Examples for the Review date calculation of different frequencies and combinations

Start date - 04-Apr-2017						
First Review Date						
Frequency	Without Start Month + Due Date	With Start Month + Due Date	With Start Month + Due Date	Only Start Month	Only Due Date	
		Apr 15	Apr 02	Apr	15	2
Daily	05-Apr-17	15-Apr-17	02-Apr-18	Not Allowed	15-Apr-17	02-May-17
Weekly	11-Apr-17	15-Apr-17	02-Apr-18		15-Apr-17	02-May-17
Fortnightly	18-Apr-17	15-Apr-17	02-Apr-18		15-Apr-17	02-May-17
Monthly	04-May-17	15-Apr-17	02-Apr-18		15-Apr-17	02-May-17
Quarterly	04-Jul-17	15-Apr-17	02-Apr-18		15-Apr-17	02-May-17
Half Yearly	04-Oct-17	15-Apr-17	02-Apr-18		15-Apr-17	02-May-17
Yearly	04-Apr-18	15-Apr-17	02-Apr-18		15-Apr-17	02-May-17
Custom (5)	09-Apr-17	15-Apr-17	02-Apr-18		15-Apr-17	02-May-17

Notice Days

Notice days, that is, the number of days prior to revision date of the covenant gets defaulted from GEDCOVNT screen. Notice days are mandatory when frequency is custom, fortnightly, weekly and above. Covenant is available for tracking in its notice days.

Note

- Notice days must be less than the Custom Days in case Custom Days is selected as Frequency. In case the Custom Days value is 1, the system does not allow to capture Notice days
 - Notice days can be a maximum of 30 days even if the Custom Days is more than 30 days
 - If Fortnightly is selected as Frequency, the notice days must be less than 14 days
-

Grace Days

Specify the grace days, that is, the number of days after the revision date of the covenant that the covenant will be available for tracking. You can change the Grace Days details which are displayed here on choosing a covenant name.

Note

- Grace days must be less than the Custom Days in case Custom Days is selected as Frequency. In case the Custom Days value is 1, the system does not allow to capture Notice days
 - Grace days can be a maximum of 30 days even if the Custom Days is more than 30 days
 - If Fortnightly is selected as Frequency, the grace days must be less than 14 days
-

Classification Type

Covenant classification type is defaulted from the 'Covenant Maintenance' screen (GEDCOVNT) on selecting covenant. You can modify this, if required.

Covenant Type

Covenant type is defaulted from the 'Covenant Maintenance' screen (GEDCOVNT) on selecting covenant. You cannot modify this.

Covenant Sub Type

This is applicable only for non-financial covenant types and is defaulted from covenant maintenance (GEDCOVNT) screen on selecting covenant. You cannot modify this.

Linkage Type

Linkage type is defaulted as Facility, Collateral, or Customer based on the covenant selected.

Formula

Formula for arriving at covenant condition gets defaulted from GEDCOVNT on selecting the covenant.

Covenant Target Condition

Covenant target condition gets defaulted on selecting the covenant. You can also select any of the following options from the drop down list.

- Greater than or equal to
- Between
- Less than
- Greater than
- Equal to
- Less than or equal to
- Less than

Target Type

'Target type' gets defaulted from GEDCOVNT on selecting the covenant.

Target from value

'Target from value' gets defaulted from GEDCOVNT on selecting the covenant.

Target to value

'Target to value' gets defaulted from GEDCOVNT on selecting the covenant.

Currency

Currency gets defaulted from GEDCOVNT on selecting the covenant.

Remarks

Remarks if any specified for the covenant at the 'Covenant Maintenance' screen are defaulted. You can change this, if required.

Monitoring Information Id

Monitoring information Id gets defaulted from GEDCOVNT on selecting the covenant.

Monitoring Information Description

Monitoring information Description gets defaulted from GEDCOVNT on selecting the covenant.

Note

If 'Between' is selected as the 'Covenant Target Condition', the system derives the covenant compliance status as met only if covenant (value/percentage/ratio) is between specified 'Target from value' and 'Target to value'.

Example:

- Covenant = Debt to Equity ratio
- Monitoring information = Balance sheet
- Formula = Total Liabilities / Total Equity
- Covenant Target condition = BETWEEN
- Target type = Ratio
- Target From Value = 1
- Target To Value = 2
- Currency – (LEFT BLANK)

For the above case, the system expects the debt to equity ratio to be between 1 and 2.

If 'Greater than' is selected as 'Covenant Target Condition', the system derives the covenant compliance status as met only if covenant (value/percentage/ratio) is greater than the specified 'Target from value'.

Example:

- Covenant = Free Cash Flow
- Monitoring information for the covenant = Cash Flow
- Final Formula = Operating Cash Flow – Capital Expenditures
- Covenant Target condition = GREATER THAN
- Target type = VALUE
- Target From Value = 200000
- Target To Value = (LEFT BLANK)

- Currency - USD

For the above case, system expects cash flow to be greater than USD 200000.

For more information about 'Covenant Maintenance', refer to *Enterprise Limits and Collaterals Common User Manual*.

2.2.5 **Tracking Exposure for a Line**

The facility defined can be tracked for multiple exposures. For this, one or more exposure code must be linked to the facility.

The system will update the linked exposure codes for each transaction on the same day. In case of backdated facility, exposure codes linked to the facility will get updated based on backdated utilization as on utilization transaction date.

To invoke 'Exposure Details' screen, click 'Exposure' tab in the 'Facility Maintenance' screen.

The screenshot shows a software window titled "Exposure Maintenance". Inside, there's a tab labeled "Exposure Details". Below the tab is a table with three columns: "Exposure Code", "Exposure Description", and "Exposure Type". Above the table, there's a navigation bar showing "1 Of 1" and a "Go" button. At the bottom right of the window, there are "Ok" and "Exit" buttons.

Exposure Code

Select the exposure code from the option list available here. The list displays the exposure codes maintained in 'Track Exposure Maintenance' screen (GEDTREXP). Based on the exposure selected, all other details of the exposure maintenance is displayed here.

Description

The system displays the description of the selected exposure code.

Exposure Type

The system displays the exposure type to which the selected exposure code is associated.

2.2.6 Capturing Facility Main Line Change Maintenance Details

If the main line has been changed, the utilization transactions linked to the sub-line also needs to be changed. Using this screen, all the utilization transactions done in facility which has a main-line change, would reflect the utilization transaction changes in the new main line. These changes happen after processing EOD.

You can invoke the 'Facility Main Line Change Maintenance' screen by typing 'GEDFMLCG' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

Facility Main Line Change Maintenance

New Enter Query

Reference Number

Liability Number *

Line Code *

Serial Number

Main Line Code

To Main Line Code

To Main Line Serial

Effective Date

Status Unprocessed

Error Code

Error Parameters

Maker Date Time: Mod No Record Status

Checker Date Time: Authorization Status

Exit

Liability Number

Specifies the liability number of the utilization transaction. Specify the valid liability number available in the ELCM system.

Line Code

Specify the Line Code to which the liability ID is to be associated with.

Serial Number

Each time a customer - line code combination is specified, ELCM module assigns a unique serial number to the combination. This serial number is unique to the line-liability code combination. Thus, for every new record entered for a Line-Liability combination, a new serial number is generated. The Line - Liability - Serial number forms a unique combination.

Main Line Code

Specify the main line code if the created facility is a sub line. If the main line code is not specified, then the system defaults the facility code as the main line code.

To Main Line Code

The new main line code to which the utilized amount is transferred.

For NRS line, the following mainline and sub-line combinations are supported:

- NRS Main line and Revolving Sub-line
- NRS Main Line and NRS Sub-line
- Revolving Main line and NRS Sub-line

For example:

Main Line	Sub-Line (Level 1)	Sub-Line (Level 2)	Sub-Line (Level 3)
Revolving	Revolving	Revolving	Non-Revolving
	NRS	Revolving	Revolving

Note

- Non-revolving lines cannot be added as part of a facility hierarchy branch, if an NRS line is part of the same hierarchy either as main line or sub-line at any level
 - Non-revolving lines can be part of separate tree under the same revolving main line, where an NRS sub-line is part of different hierarchy with same revolving main line
-

Effective Date

Specify the date on which the parent line change request is to be processed. The 'Effective Date' can be present date or future date.

In case the date falls on a holiday, the system will process the main line change request as per the holiday configurations defined.

Status

The status of the line is displayed.

Error Code

Specifies the error code of the transaction.

In case the 'To Main Line Code' limit amount has been reduced and it is less than Sub-line limit amount after the merge, the system skips the record from processing and updates the error code post EOD.

Error Parameters

Specifies the error parameters associated to the transaction.

2.2.6.1 Facility Main Line Change Summary

The system allows to query and view the facility main line change records in the Facility Main Line Change Summary screen. To launch the Facility Main Line Change Summary screen, type GESFMLCG in the text bar at the top right corner of Application tool bar and click the adjoining arrow.

- Checker Date Stamp

2.2.7 **Capturing Facility Maintenance Charges Details**

To capture facility maintenance charge details, click 'Charges' button.

Charges Maintenance

Admin Charge Type	Unutilized Charge Type
Admin Charge Percent	Unutilized Charge Percent
Admin Charge Amount	Unutilized Charge Amount
Utilized Charge Type	
Utilized Charge Percent	
Utilized Charge Amount	

Ok Exit

Admin Charge Type

Administrations charges as a part of creation of new line can be specified here. Charge can be a fixed amount or a percentage of the Limits amount.

Unutilized Charge Amount

Specify the charge amount that has to be collected on a certain frequency (daily, monthly, and so on) based on the unutilized amount. Charge can be a fixed amount or a percentage of the unutilized amount.

Utilized Charge Amount

Specify the charge amount that has to be collected on a certain frequency (daily, monthly, and so on) based on the utilized amount. Charge can be a fixed amount or a percentage of the utilized amount.

Note

'Charge' sub-screen captures the details and stores it. However, this information does not have any impact on the processing of charges in the application.

2.2.8 Maintaining Collateral Pool Linkages

For collateral Contribution in Total Effective line amount, the pool code maintained for that particular Liability ID can be linked to facility using this sub-screen.

For backdated facility, the start date of collaterals linked to the pool must be same as or prior to the facility start date (back value date).

From the Facilities Maintenance screen, click on the 'Pool Links' tab.

Pool Code	Pool Description	Pool Currency	Amount Basis	Pool Amount	Facility Branch	Pool Per
-----------	------------------	---------------	--------------	-------------	-----------------	----------

Pool Code

Select the pool code from the adjoining list. The list displays all the pool codes associated for that liability ID.

Pool Description

System displays the pool description based on the selected pool code.

Pool Currency

System displays the pool currency based on the selected pool code.

Amount Basis

You can either select 'Percentage' or 'Amount'

If 'Percentage' is selected, then system allows you to enter the percentage only and not the 'Linked Amount'. The 'Linked Amount' is appropriately calculated by the system and it is not editable. The value of the percentage must be from range 0 to 100.

If 'Amount' is selected, then the system allows you to enter the amount only and not percentage. When amount is entered, the system appropriately calculates the percentage. Ensure to maintain amount in positive.

If the 'Amount Basis' is selected as 'Amount' and 'Collateral Pool Value' is modified, then the percentage linked gets recalculated based on the modified 'Collateral Pool Value'.

You can modify the linkage at facility level from percentage to amount and vice-versa.

The system ensures that total of pool value linked to one or multiple facilities is not more than the collateral pool value.

Pool Amount

System displays the pool amount based on the selected pool code.

Facility Branch

Select the branch code from the adjoining list.

Pool Percentage

System displays the pool %.

Linked Amount

System displays the facility amount In Pool currency.

Pool Percentage and Linked Amount

In case 'Collateral Pool Value' is increased in 'Collateral Pool Maintenance' screen, then the 'Linked Amount' is modified only if the 'Amount Basis' is 'Percentage'.

If the 'Amount Basis' is 'Amount', then the 'Linked Amount' is retained as is. However based on the changed 'Collateral Pool Value', the 'Pool Percentage' is re-calculated considering the retained amount.

In case 'Collateral Pool Value' is decreased, modified amount of collateral pool is validated with all the 'Linked Amount' in various facilities (either percentage or amount) and if the total amount linked is less than modified amount then modification of collateral pool value is to be allowed. Wherever 'Percentage' is considered for linking collateral pool value to facility.

If the 'Collateral Pool Value' decreased amount is less than the total 'Linked Amount' in various facilities, then an appropriate error message appears.

When the value of collateral pool becomes negative on account of revaluation, revaluation process skips such pools and logs exception in 'GCTM_POOL_EXCEPTION' table.

Facility Currency

System displays the facility currency.

Linked amount in Facility Ccy

System displays the facility amount.

Percentage Of Contract

System displays the percentage of contract.

Pool Linkages multi entry block does two functions:

Firstly, on clicking 'Plus' button you can link one row of the available pool amount (that is, Pool amount – Pool Utilized) to that Line code for which the collateral contribution is required. Secondly, it displays at any point in time the pool amount (in percentage terms) utilized by various Line Codes and Contracts.

2.2.9 Maintaining Collateral Linkage

During facility creation or amendment, you can also link the collaterals that are not part of collateral pool, such as external collaterals or shared collaterals, to the facility through collateral direct linkage feature.

Collaterals that are indirectly linked to the facility through collateral pool linkage cannot be directly linked to the facility. That is, collaterals that are part of collateral pool in association with a particular facility cannot be directly linked to the same facility.

The maximum number of collaterals that can be directly linked to the facility can be controlled by specifying a value (limit) to the FACILITY_COLLATERAL_LIMIT parameter GETB_PARAM.

Note

- Same collateral can be linked to different facilities.
 - Collaterals can be linked only to the active facility.
 - Collateral belonging to a particular liability in different branch can be linked to the facility belonging to the same liability in different branch.
 - For backdated facility, the start date of collaterals to be linked must be same as or prior to the facility start date (back value date).
-

To invoke the Collateral Links screen, click 'Collateral Links' tab in the Facilities Maintenance screen.

Collateral Code	Collateral Description	Collateral Type	Collateral Branch	Source	Currency
COLL300001	COLL300001	GENERAL	300		USD

Click the + icon to add a new record.

Collateral Code

Select the collateral code for linking with the facility.

Collateral Description

Collateral Description provided at the time of collateral creation is automatically displayed.

Collateral Type

Collateral Type selected at the time of collateral creation is automatically displayed.

Collateral Branch

The branch to which the selected collateral belongs is displayed.

Source

If the collateral is maintained in external system, the source system name is displayed.

Collateral Currency

Currency of the selected collateral is displayed.

Collateral Value

Total value of the selected collateral is displayed.

Limit Contribution

The system calculates the Limit Contribution by reducing collateral value to the extend of haircut percentage.

Available Amount

The available amount of collateral at the time of linkage is displayed.

Amount Basis

Select the Amount Basis for linking the collateral. The option available are 'Percentage' and 'Amount'.

If 'Percentage' is selected, then system allows you to enter the percentage only and not the 'Linked Amount'. The 'Linked Amount' is appropriately calculated by the system and it is not editable. The value of the percentage must be from range 0 to 100.

If 'Amount' is selected, then the system allows you to enter the amount only and not percentage. When amount is entered, the system appropriately calculates the percentage. Ensure to maintain amount in positive.

You can modify the linkage at facility level from percentage to amount and vice-versa.

The system ensures that total value of collateral linked to one or multiple facilities is not more than limit contribution.

Linked percentage

Specify the percentage of limit contribution to be linked with the facility, if 'Amount Basis' is selected as 'Percentage'.

Linked Amount

Specify the collateral amount out of available amount to be linked with the facility, if 'Amount Basis' is selected as 'Amount'.

If the 'Amount Basis' is selected as 'Percentage', the Linked Amount will get changed whenever the collateral revaluation happens as a part of batch process.

Linked Amount Facility Currency

The collateral linked amount is converted to facility currency and displayed.

Order Number

Specify the order for collateral utilization. This is optional. If multiple collaterals are linked to the facility, the utilization will happen in the mentioned order.

Note

- Delinking of collateral is allowed only if the collateral amount is already not utilized/ blocked. However, if the utilization / block is only to the extent of few linked collaterals, you can delink a particular collateral after changing the order of utilization of the collateral which you want to delink to the least order.

2.2.10 Maintaining Restrictions for a Line

By default, all customers, branches, and products maintained in your bank can utilize the limit defined for a credit line. You can also define the limit for a line in any currency. However, you can opt to restrict the limit available under a credit line to specific customers, branches, products and currencies.

You can define these restrictions in the Limits Restrictions screen. To invoke this screen, click 'Limit Restrictions' button from the Facilities Maintenance screen.

The screenshot shows the 'Restriction Maintenance' window with the following sections:

- Restriction Type:** Radio buttons for 'Allowed' (selected) and 'Disallowed'.
- Currency Restrictions:** Radio buttons for 'Allowed' and 'Disallowed' (selected).
- Customer Restrictions:** A table with columns 'Customer No' and 'Short Name'. It includes navigation controls (1 Of 1) and a 'Go' button.
- Currency Restrictions:** A table with columns 'Currency' and 'Currency Name'. It includes a checked checkbox, navigation controls (1 Of 1), and a 'Go' button.
- Branch Restrictions:** Radio buttons for 'Allowed' and 'Disallowed' (selected). A table with columns 'Branch Code' and 'Branch Name' with navigation controls (1 Of 1) and a 'Go' button.
- Product Restrictions:** Radio buttons for 'Allowed' and 'Disallowed' (selected). A table with columns 'Source Code', 'Product Code', and 'Product' with navigation controls (1 Of 1) and a 'Go' button.

At the bottom right are 'Ok' and 'Exit' buttons.

Restriction Type

Select the restriction type for each restrictions defined for the facility from the following options:

- Allowed
- Disallowed

Customer Restrictions

Customer No

Select the customer number from the adjoining option list.

Short Name

Specify the short name for the customer.

Currency Restrictions

Currency Code

Specify the currency code for the Currency Restriction.

Currency Name

System displays the currency name for the currency, as maintained in the 'Currency Definition' screen based on the selected 'Currency Code'.

Branch Restrictions

Branch Code

Specify the branch code for the Branch Restriction.

Branch Name

System displays the branch name for the branch, as maintained in the 'Branch Parameters Maintenance' screen based on the selected 'Branch Code'.

Ext System Restrictions

External System

Specify the external system for the External System Restriction.

Description

System displays the description for the external system, as maintained in the 'External System Maintenance' screen based on the selected 'External System' chosen Exposure Restrictions

Exposure Name

Specify the exposure name for the Exposure Restriction.

Exposure Description

System displays the description for the exposure, as maintained in the 'Track Exposure Maintenance' screen based on the selected 'Exposure Name'.

Product Restrictions

Product Code

Specify the product code for the Product Restriction.

Product Description

System displays the description for the product based on the selected 'Product Code'

2.2.11 Maintaining Customer Restrictions for a Line

To recall, you can assign a limit to a Line - Liability combination. A liability code can have several customers linked to it. By default, the line that you define is available to all customers linked to the liability code.

You can restrict the limit available under this line-liability combination to specific customers. If you choose the restriction type as 'Allowed', click on the 'Plus' button and select the customer code from the list to indicate that they are allowed to use the line. If you choose the restriction type as 'Disallowed', click on the 'Plus' button and select the customer code from the list to indicate that they are not allowed to use the line. Once you choose restriction type as 'Allowed', you can restrict a customer(s), from using the credit under a line by highlighting the code that identifies the customer and clicking on the 'Minus' button". You can remove the restrictions earlier imposed on a customer, that is, (allow a restricted customer usage of the limit under a line). To allow a restricted customer usage of a line, select the customer code from the list and click on the 'Plus' button.

2.2.11.1 Maintaining Branch Restrictions for a Line

You can restrict the usage of a credit line that you have defined to certain branches of your bank. If you choose the restriction type as 'Allowed', click on the 'Plus' button and select the branch code from the list to indicate that those branches of your bank can use the line. If you choose the restriction type as 'Disallowed', click on the 'Plus' button and select the branch code from the list to indicate that those branches of your bank are not allowed to use the line.

Once you choose restriction type as 'Allowed', you can disallow a branch(s) from using this line by selecting code that identifies the branch and clicking on the 'Minus' button. You can remove the restrictions earlier imposed on a branch that is, to allow a restricted branch usage of the limit under this line. To allow a restricted branch usage of a line, select the code that identifies the branch from the option list and click on the 'Plus' button.

2.2.11.2 Maintaining Currency Restrictions for a Line

Just as you can restrict the limit defined for a line to specific customers, branches, and products, you can restrict it to specific currencies. Once you choose the restriction type as 'Allowed', select the currencies to which you would like to restrict application from the available option list. The list of currency codes you choose in this field is described in the adjacent column.

To remove a currency from the list of allowed currencies, highlight the currency code and click on the 'Minus' button. To add a currency to the list of allowed currencies, click on the 'Plus' button, and choose the currency from the option list available.

2.2.11.3 Currency Restrictions at Facility Level

- Sub-line currency is one of the currencies allowed at main line level and the system does not allow you to create sub-line in any other currency.
- Allowed currencies at the sub-line level should be equal to or a sub set of the allowed currencies at the main line level.
- Once a utilization is linked to the sub-line or main line in a certain currency, you are restricted from removing the respective currency from the facility. The system throw an error that "Utilization Exist with the Currency. Hence it cannot be removed from the allowed currencies".
- For a utilization attached to either the sub-line or the main-line directly, the system should check that the utilization currency is among the allowed currencies at the facility level, including that of the main-line. The same should be applicable for Block transaction. If it is different, system throws an error that "Utilization Currency is not an Allowed Currency at the Facility Level".
- During block transaction, the system converts the currency in the block amount if Block and Facility (GEDFACLT) are in different currencies after considering the rate maintained at GEDPARAM
- If you provide the fixed/derived rate at the facility level (GEDFACLT), the same is picked up during the utilization for the currency conversion.

- When the main-line and sub-line are in different currencies, rate for conversion between sub-line and main-line is to be picked from GEDPARAM.
- The system checks the consistency of currency of the sub-line and allowed currencies at the main-line.
- The system ensures that the utilization currency is among the allowed currencies of the facility(ies) attached, including that of the main-line, in case the utilization is attached to sub-line.

2.2.11.4 **Maintaining Exposure Restrictions for a Line**

You can also define the types of exposures that should be allowed (or disallowed) for a line. Based on the list you maintain, the system displays an error message if a utilization request with a transaction exposure is received where the exposure for the facility is either disallowed or not maintained as part of the allowed exposures.

Indicate if the exposure codes that you are specifying should be allowed or disallowed. From the option list available, select the exposure codes. The system defaults the description of the chosen exposure codes. To remove an exposure code from the list, highlight the code and click on the 'Minus' button. To add to the list, click on the 'Plus' button, and choose the exposure code from the option list available.

While saving the record, if the exposures disallowed here are found to be linked to existing Facility Exposures or Customer Liability Exposures, the system displays an error message and does not save the details.

2.2.11.5 **Maintaining Product Restrictions for a Line**

You can define the types of products that should be allowed or disallowed for a line. To add a product to the list of allowed products, click on the 'Plus' button and select the Source and Product Code from the adjoining option lists. The system defaults the description of the chosen source and product code.

The screenshot displays the 'Restriction Maintenance' form. At the top, there is a header bar labeled 'Restriction Maintenance'. Below it, there are two main sections: 'Branch Restrictions' and 'Product Restrictions'. Each section has a 'Restriction Type' radio button (Allowed/Disallowed) and a 'Go' button. The 'Branch Restrictions' section shows a table with columns 'Branch Code' and 'Branch Name'. The 'Product Restrictions' section shows a table with columns 'Source Code' and 'Product Code'. Below these, there is an 'Exposure Restrictions' section with a 'Restriction Type' radio button and a 'Go' button. The 'Exposure Restrictions' section shows a table with columns 'Exposure Code', 'Exposure Description', and 'Exposure Type'. The form also includes navigation buttons like '1 Of 1' and 'Go' for each table.

To remove a product from the list of Allowed Products, select the Product Code and click the 'Minus' button.

Note

- System considers both the source and the product code to validate the restriction
 - Sub-line product must be one of the products allowed at main line level. The system does not allow you to create sub-line with any other product
 - Allowed products at the sub-line level must be equal to or a sub set of the allowed products at the main line level
-

2.2.12 Defining Tenor Based Restrictions

You can define Limits based on the tenor of the contracts that utilize the limit.

Click 'Tenor Restrictions' button from the Facilities Maintenance screen to maintain Tenor restrictions for the limit you have specified for the Line-Liability combination.

Tenor Restrictions Details

Tenor Restriction

1 Of 1 Go

Tenor	Days	Limit	Utilization
-------	------	-------	-------------

Ok Exit

Tenor

Specify the name of the tenor.

Tenor (Days)

Specify the number of days.

Limit

Specify the limit for the tenor in days.

Utilization

System displays the utilization amount for the specific tenor in days, based on the utilization of the facility in 'Schedules' sub-screen.

2.2.12.1 **Maintaining Tenor Restrictions for a Main Line**

For a main line, you can:

- Specify the list of tenor restrictions for which you would like to limit your exposure.
- Assign limits for the Tenor restrictions.

2.2.12.2 **Maintaining Tenor Restrictions for a Sub-Line**

You can define a sub-line tenor list and also define limits for each of them. To recall, a sub-line falls under the umbrella of the Main Line to which it is linked. Therefore, the maximum tenor that you define for a sub-line should not exceed the maximum tenor defined for the main line to which it is linked. The limit amount that you define for each sub-line tenor cannot be higher than the tenor limit defined for the main line to which it is linked.

Tenors and limits can be placed at both the sub-line and main-line levels. But the maximum tenor of a sub-line cannot exceed the maximum tenor defined for the main-line to which it is linked.

Example

You define a Line LOANS and link it to the Liability Code CREATIVITY INC. (the Liability and the Customer Code in this case are the same). The limit set for this line - LOANS is \$ 1 million.

- Main Line Code
- Loans

You define a credit limit of \$ 1 million for Creativity Inc. under this Credit Line. You also specify the tenor Restrictions for the line to be the following 30D, 60D, and 90D.

Main Line Tenor List	Limit
30D	0.5M
60D	0.3M
90D	0.25M

The loans that this customer can avail can be further classified into Short, Medium, and Long Term Loans.

For our example we shall make Short Term, Medium Term and Long Term loans as sub-lines under the Main Line Loans. It is only when you link these credit lines to the Credit Line Loans that it becomes a Main line.

Sub-line code

- STLOANS
- MTLOANS
- LTLOANS

You can define a tenor list and have tenor based limits for both the *Main Line* and *Sub-lines*. So we shall also maintain tenor based limits for the sub-line STLOANS (as shown in the table below):

Sub- line Tenor List	Limit
30D	0.3M
60D	0.2M
90D	0.1M

You can add to the list of tenors maintained for a Main Line by specifying the Tenor restriction under the head Tenor and clicking on the 'Plus' button. If you want to remove a tenor restriction from the list of tenor restrictions highlight it and click the 'Minus' button.

2.2.13 **Maintaining Source Restrictions**

You can specify which sources are allowed or restricted to access the facility in 'Source Restrictions' screen. Click on 'Source Restrictions' button in 'Facilities Maintenance' screen to invoke this screen.

Source Details

Category restriction ☐ Allowed ☒ Disallowed

Source	Description
--------	-------------

Ok Exit

Restriction Type

To maintain an allowed list of liability restrictions choose the 'Allowed', option. To maintain a disallowed list of liability restrictions, choose the 'Disallowed' option.

Default value of this field will be 'Disallowed'. If you select restriction type as 'allowed', then you have to input at least one record.

Source

Specify the source from the adjoining option list.

Description

Give a brief description about the System restriction here.

2.2.14 Maintaining Mandate Details

You can maintain mandate information for specific line codes using 'Mandate' screen. Click 'Mandate' button on 'Facility Maintenance' screen.

The screenshot shows the 'Mandate Details' window. At the top, there are input fields for 'Line Code' and 'Serial No'. Below these is a table titled 'Mandate Details'. The table has two columns: 'Type' and 'Min% Available'. The table is currently empty. At the bottom right of the window, there are 'Ok' and 'Exit' buttons.

You can specify the following details here:

Line Code

Specify the line code for which the mandate has to be maintained. The system displays the line code from the main screen of facility.

Serial Number

The system displays the line serial number of the line code maintained.

Mandate Details

Collateral Type

Specify the collateral type required for validating mandate for the utilization transaction. The option list displays all valid collateral types maintained in the system. Choose the appropriate one.

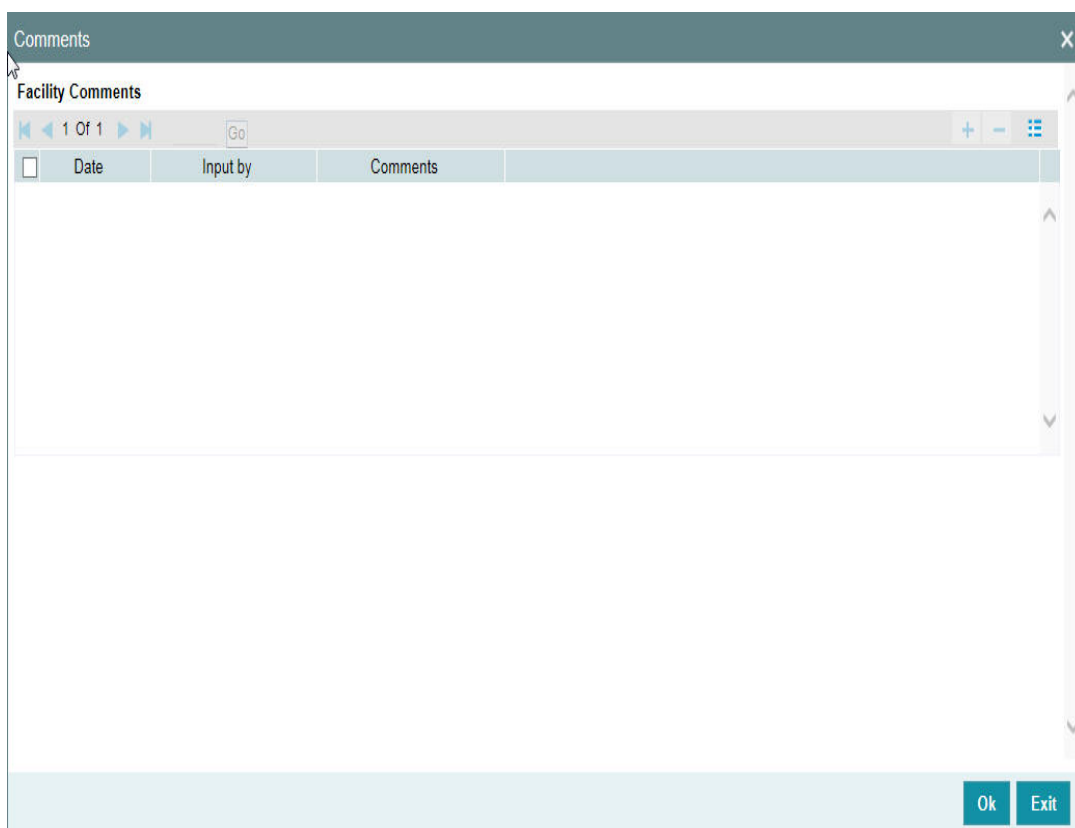
You can add more rows to the list using add button.

Min % Available

Specify the minimum percentage of the specific collateral type to be collected while processing the utilization transaction against the line code specified. The system verifies whether the mandate percentage of the line utilization amount is greater than the collateral limit contribution. If the mandate percentage is higher, the system displays an override message. You may choose to continue or cancel the maintenance.

2.2.15 Comments on Facility

You can add your comments on the facility maintenance using 'Comments' screen. To invoke this screen, click 'Comments' button on the 'Facility Maintenance' screen.



The screenshot shows a window titled 'Comments' with a sub-header 'Facility Comments'. Below the header is a table with columns: Date, Input by, and Comments. The table is currently empty. At the bottom right of the window are 'Ok' and 'Exit' buttons. The window also features a search bar with a 'Go' button and a '1 Of 1' indicator.

Date	Input by	Comments
------	----------	----------

Following fields are available for capturing the comments.

Date

The system displays the current system date.

Input by

The system displays the user ID of the user of the current session.

Comments

Type in the comments that you wish save. This is a free text field where you can type in your comments.

The comments that you maintain here is displayed in the Credit Desktop also. For details, refer to the chapter 'Credit Desktop' in this user manual.

Once you have captured the above details, click 'OK' button to navigate to the 'Facilities Maintenance' screen.

2.2.16 **FX Rate Revaluation**

You can access this screen by clicking 'FX Rate Revaluation' in 'Facilities Maintenance' screen.

The screenshot displays a web application window titled 'Facilities Maintenance' with a sub-header 'Rate Code Parameters For FX Rate Revaluation'. The form contains the following fields and controls:

- Module***: Text input field.
- Product Code***: Text input field.
- Currency Code***: Text input field.
- Exchange Rate Code**: Text input field.
- FX Rate Type**: Dropdown menu with 'Mid' selected.
- Rate Input Method**: Dropdown menu with 'Fixed' selected.
- Fixed Rate**: Text input field.
- Rate Fixing Days**: Text input field.
- Reval Frequency**: Dropdown menu with 'Daily' selected.
- Revaluation Effective Date**: Dropdown menu with 'Calendar Date' selected.
- Ignore Holidays**: Text input field.
- Holiday Check**: Dropdown menu with 'Currency' selected.
- Holiday Currency**: Text input field.
- Schedule Movement**: Dropdown menu with 'Move Forward' selected.

At the bottom right, there are 'Ok' and 'Exit' buttons. A pagination indicator '1 Of 1' is visible in the top right corner of the form area.

The values in this screen gets defaulted from 'Line Code Maintenance' screen on providing the 'Line Code' which is saved in 'Line Code Maintenance' screen and clicking 'Populate'.

Or

You can enter the 'Line Code' in 'Facilities Maintenance' screen and provide the 'FX Rate Revaluation' details.

You can change these values. On saving a facility with the 'Module', 'Product Code' and 'Currency Code' combination, it cannot be modified further.

For more information about this screen, refer to 'Maintaining Line Code details' section.

2.2.17 **Facility Credit Rating and History**

You can access this screen by clicking 'Credit Rating' in 'Facilities Maintenance' screen.

The screenshot shows a software window titled 'Facilities Maintenance' with a sub-header 'Facility Credit Rating and History'. Inside, there are two sections:

- Facility Credit Ratings:** A table with columns: Agency Name, Credit Rating, Primary, Effective Date, and Credit Rating Agency Type. It includes a 'Go' button and a '+' icon.
- Facility Credit Ratings History:** A table with the same columns as the first. It includes a 'Go' button and a list icon.

Both tables are currently empty. The window has 'Ok' and 'Exit' buttons at the bottom right.

Facility Credit Ratings

Agency Name

Select the credit rating agency name from the adjoining option list.

Credit Rating

Select the credit rating from the adjoining option list. You can maintain multiple external credit rating agencies for a single facility.

However, you can maintain only one internal credit rating agency for a single facility.

Primary

Select one of the Credit ratings as the primary rating for facility

The ratings from multiple agencies of external type can be assigned to a facility of which one should be marked as primary.

Only one internal credit rating can be maintained which by default is considered 'Primary'.

The internal credit rating marked as 'Primary' is shown in 'Internal Credit Rating' field of 'Facilities Maintenance' screen. Similarly, external credit rating marked as 'Primary' is shown in 'External Credit Rating' field of 'Facilities Maintenance' screen.

The modification of primary from one agency to another is allowed.

Note

When a primary credit rating at facility level is modified to a rating with a lower priority, then an alert is triggered. The alert of such facilities is displayed in the dashboard.

Effective Date

Specify the effective date while associating a credit rating to a facility.

It is mandatory to select the effective date while associating the credit rating. Effective date can be backdated and not future dated. For the same agency, multiple ratings cannot be assigned for the same effective date.

For backdated facilities, rating effective date cannot be prior to the facility start date.

If multiple modifications are done for a particular agency with the same effective date, then the last modification is taken into consideration

Credit Rating Agency Type

Select the agency type as “Internal’ or External’. These values get defaulted from the ‘Credit Rating Agency Maintenance’ screen.

Facility Credit Rating History

Credit Rating and Effective Date

If the credit rating for a specific agency is modified along with the Effective date at a facility level, then the existing is recorded in the ‘Facility Credit Ratings History’ section.

2.2.18 Notifications

Notification sub-system enables the particular facility record to be a candidate for notification whenever the record is created / amended. At least one of the out of box supplied fields in notification sub-system to be enabled to bring this facility under the purview of generating notification. When values in field/s enabled for notification are modified as part of direct updating or as part of batch updating, all details of the facility is sent in the notification message along with old and new value details of the fields enabled for notification.

Notification messages are logged in GETB_NOTIFICATION_LOG table with unique reference number. A new quartz job is required to read notification messages and publish it on configured queue/topic.

Prerequisites for generating notification

- CSTB_Param setting must be updated as JSON and the server must be restarted
 - Configure the following in CSTB_PARAM:
 - a) PARAM_NAME as ELCM_NOTIF_REQ, PARAM_VAL as Y
 - b) PARAM_NAME as ELCM_NOTIF_TYPE, PARAM_VAL as JSON
- Scheduler job (ELCMNOTIFICATIONS) must be configured using STDJOBMT Screen
- Entity must be configured in STDJOBMT with name ENTITY
- The Job (ELCMNOTIFICATIONS) must be resumed from SMSJOBRR
- Notification queue (NOTIFY_DEST_QUEUE) and Connection factory (NotifyDestQCF) must be configured in Weblogic as per the below Document

https://docs.oracle.com/cd/F29383_01/PDF/Installation/Environment%20Setup/Application%20Server/FCUBS_Weblogic_JMS_Configuration.pdf

To configure the fields for notification message, click ‘Notification’ subsystem.

Notifications

Notifications

Available Amount

Collateral Amount

Utilization Amount

Limit Amount

Credit Rating

Revolving

Limit Expiry Date

Covenant Revision Date

Schedule Limit Date

Effective Line Amount Basis

Field name	Screen	Modification	Old value relevance	Notification triggered when
Limit amount	GCDFACLT - main screen	Direct/Batch	Yes	When limit amount changes
Effective line amount basis	GCDFACLT - main screen	Direct	Yes	When effective line amount is changed
Collateral amount	GCDFACLT - main screen/ Pool links	Direct/Batch	Yes	When changes done in pool links screen or when collateral value changes
Revolving to non-revolving	GCDFACLT - main screen	Direct	Yes	When revolving check box is selected/cleared
Available amount	GCDFACLT - main screen	Derived value in screen when base value gets modified Direct/Batch	Yes	When available amount changes based on changes on account of utilization, blocking, limit amount changes, so on
Utilization amount	GCDFACLT - main screen	Direct	Yes	Overall utilization amount changes
Limit expiry date	GCDFACLT - main screen	Batch	No	When limit expiry date cross application date
Limit date	GEDFACLT - Schedules sub-screen	Batch	No	On reaching the Limit date maintained at the Limit Schedule
Covenant revision date	GEDFACLT - covenants sub-screen	Batch	No	When revision date is crossed and covenant expires

Credit rating change	GEDFACT - credit rating	Direct	Yes	When credit rating changes for an existing record.
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2.2.19 MIS Class

This sub-system allows to link the MIS Class with the facility during facility maintenance.

MIS details associated with the fee class (GEDCLSMT) will be populated in the respective sections (Transaction MIS or Composite MIS) based on the selection of fee class code on clicking 'Populate'.

The user can fetch both the MIS codes (GLDCLSMT) as well as the MIS group (MIDGRPMT) directly maintained in the system. MIS codes that gets defaulted from fee class as a part of associated MIS group or directly maintained as codes can be overridden by the user in the Collateral screen.

The system will clear the MIS data as part of collateral save activity, if no fee class code is attached to collateral and MIS class / codes are linked in MIS sub-system.

To launch the 'MIS Class' sub-screen, click the 'MIS Class' tab in the 'Facility Maintenance' screen (GEDFACT).

MIS Group

'MIS Group' gets defaulted based on fee class selection or select the MIS group from the list of groups configured in MIDGRPMT screen.

Default

Click this button to fetch the composite MIS codes maintained for the customer in STDCIF screen, if there is only one customer allowed at the Facility in limit restrictions or if there is only one customer linked to the liability.

The user must click this button each time they make changes to the customer in facility limit restriction or at liability. Thus the system can fetch and default the updated composite MIS.

Customer No

Displays the customer number for which the composite MIS are fetched from STDCIF screen. Composite MIS codes will be fetched from STDCIF screen, if the ELCM is integrated with ROFC (external system).

Transaction MIS

Displays the transaction type of MIS code based on the selected MIS Group or the Transaction MIS code associated with the fee class.

Composite MIS

Displays the Composite type of MIS code based on the selected MIS Group or the Composite MIS code associated with the fee class.

MIS Code

Transaction and Composite MIS codes configured in GLDCLSMT or MIDGRPMT screen are auto-populated based on the selected MIS Group or fee class. The user can also add, modify or delete the MIS codes of type Transaction and Composite.

Note

MIS Codes of Customer and Fund Types will not be populated in the 'MIS Class' sub-screen and the same cannot be used for facility maintenance.

MIS Class

Displays the MIS class based on the selected MIS code.

2.2.20 Change Log

You can see the history of all the facility changes that have happened for a selected facility. For each facility, you can view the record details, remarks, warnings, fields that are modified.

You should be able to view the details of particular record of that screen by using the change log button. The result should list all the modifications on the particular record.

The screenshot shows a 'View' window with a 'Records' table. The table has columns: Modification Number, Modification Status, First Authorization Status, Authorization Status, Maker ID, Maker Date Stamp, First Checker Id, First Checker Date, and Ch. There is one record with Modification Number 1, Modification Status N, Authorization Status Authorized, Maker ID ADMINUSER2, and Maker Date Stamp 2020-05-04 11:57:12. Below the table is a 'Remarks' section with input fields for Maker Remarks, Maker Override Remarks, First Checker Remarks, and Checker Remarks. At the bottom is a 'Warnings' section with a table that has columns Warning Code and Warning Description. The window has 'Accept' and 'Cancel' buttons at the bottom right.

Modification Number	Modification Status	First Authorization Status	Authorization Status	Maker ID	Maker Date Stamp	First Checker Id	First Checker Date	Ch
1	N		Authorized	ADMINUSER2	2020-05-04 11:57:12			AI

Remarks

Maker Remarks:

Maker Override Remarks:

First Checker Remarks:

Checker Remarks:

Warnings

Warning Code	Warning Description
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Accept Cancel

In 'Change Log View' subsystem, you can only view the old and new values of the following fields and the dependent fields that are modified.

Records section

- Modification Number
- Modification Status
- First Authorization Status
- Authorization Status
- Maker Id
- Maker Date Stamp
- First Checker Id
- First Checker Date
- Checker Id
- Checker Date Stamp
- View Change

Remarks

- Maker Remarks
- Maker Override Remarks
- First Checker Remarks
- Checker Remarks

Warnings Section

- Warning Code
- Warning Description

Fields Section

- Field Name
- Old Value
- New Value

2.2.21 Viewing Facilities Summary

The Facilities Summary screen (GESQYFAC) allows you to query the required facility using the following search parameters.

- Authorization Status
- Mod Number
- Serial No
- Line Currency
- Record Status
- Line Code
- Liability No

You can also use GESFACLT screen to query the facility. GESFACLT fetches the facilities created in logged in branch, whereas GESQYFAC fetches all the facilities available across different branches.

To launch the Facilities Summary screen, type GESQYFAC in the text bar at the top right corner of Application tool bar and click the adjoining arrow.

You can launch the detailed screen of a particular facility by clicking on the required record in search result.

2.2.22 Viewing Facility Covenant Tracking Summary

You can view summary of covenants attached to the facility for tracking using the 'Facility Covenant Tracking Summary' screen. You can view applicable covenants for a particular facility from the list of covenants maintained in the system.

You can open detailed screen using this screen. You can query the records based on the search criteria.

You can invoke this screen by typing 'GESCOVTR' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

2.2.23 Tracking Facility Covenant Details

The covenants linked to the facility can be tracked using the 'Facility Covenant Tracking Details' screen (GESCOVTR) which is specific to facility as well as a common 'Covenant Tracking Details' screen (GEDCVTRK).

Note

It is recommended to use the common 'Covenant Tracking Details' screen (GEDCVTRK) for all covenant tracking purposes.

For information on common 'Covenant Tracking Details' screen, refer OBELCM Common User Guide.

You can invoke the 'Facility Covenant Tracking Details' screen by typing 'GESCOVTR' (Facility Covenant Tracking Summary) and on clicking the queried record 'GEDCOVTR' ('Facility Covenant Tracking Details') is opened with the details of the covenant.

You can unlock and update the status of the covenant here.

Facility Covenant Tracking Details

Enter Query

Liability No

Line Code

Covenant Name

Covenant Reference Number

Revision Date

Notice Date

Grace Days

Status

Defer Till Date

Complied

Deferred

Terminated

Breached

YYYY-MM-DD

YYYY-MM-DD

Maker

Date Time:

Mod No

Record Status

Checker

Date Time:

Authorization Status

Exit

Liability Number

Indicates the liability number for which the facility is linked.

Line Code

Indicates the line code.

Covenant Name

Indicates the covenant name.

Covenant Reference Number

Indicates the covenant reference number for the facility being maintained.

Revision Date

Indicates the date on which covenant has to be revisited for review.

Revision date is arrived by the system for a particular facility covenant based on start date + (combination of frequency & due date & start month) at the time of save.

Notice Date

Indicates the date on which covenants can be tracked for compliance before revision date in advance based on notice days configured.

Grace Days

Indicates the Grace days, that is, the number of days after the Review date of the covenant that the covenant will be available for tracking.

Status

You can select the covenant status as the following:

- Complied
 - If the status of the covenant is not compiled on or before revision date, then the status is updated as breached by running the scheduler ELCMCOVNTSTAT immediately after the end of revision date.

- If the covenant has the grace days configured, compliance can be marked till the grace period end date. The status gets updated as breached only after grace period end date if compliance is not marked after running the scheduler ELCMCOVNTSTAT.
- Compliance on the breached covenant can be marked after which the covenant for next frequency is enabled with the next revision date duly considering the original revision date + frequency.
- Once compliance is marked for a particular frequency, record for the next frequency with blank status is available in DB and accordingly revision date get updated in collateral/facility
- Deferred
 - Covenants can be deferred for a defined period during which time covenants are not available for tracking. When covenants are breached, it cannot be deferred. Deferment can be done before the covenant becomes breached.
- Terminated -
 - Covenants can be stopped from further tracking by updating the status as 'Terminated'. Only covenants which are either complied or deferred status can be terminated. Breached covenants cannot be terminated.
- Breached
 - Covenants which are not complied within next revision date is marked as breached by running the scheduler ELCMCOVNTSTAT immediately after the end of revision date.
 - When covenants pertaining to multiple frequency are breached, all of them are available for tracking
 - Covenants can also be marked as Breached online

Defer Till Date

In case the status is 'Deferred', then you need to specify this date

You need to specify the date so that covenants falling during this period are not tracked. After end of deferment date, covenants are applicable and available for tracking.

2.2.23.1 Including Netting Amount in Facility's Netting Contribution

You can set the available amount under a Facility to include the Netting Amount too. To enable this feature you must check the 'Netting Required' check box in the following levels:

- Account Netting level
- Liability level
- Facility level

Once the netting option is enabled in the above levels the Netting amount maintained as a part of Account Netting screen is added to the available amount of the facility in facility currency. The netting amount field in the facility screen is displayed in the Netting Contribution field for the facility in facility currency.

Account Netting

When you authorize an account netting transaction with contract type 'AC' and netting enabled, then the netting amount is included in the facility in facility currency after netting has been enabled in Liability level & Facility level. Here the Netting Amount is updated accordingly.

When you modify an Account Netting Record and deselect the Netting check box, then the system automatically subtract the netting amount from the Available Amount and the Netting Amount for the corresponding facility

When you modify an Account Netting Record and select the Netting check box, then the system automatically add the netting amount to the Available Amount and the Netting amount for the corresponding facility.

When an Account Netting Record is closed and authorised, the system automatically subtract the netting amount from Available Amount and the Netting Amount for the corresponding facility.

When an Account Netting Record is re-opened and authorised, the system should automatically add the netting amount to Available Amount and the Netting Amount for the corresponding facility.

Facility

When the Netting option is deselected and the modification is authorised, the system automatically set the netting amount to zero and recalculate the available amount. Likewise, when the netting option is enabled, the system update the netting amount based on all the Account Nettings which have Netting option enabled for the facility.

Liability

When the Netting option is deselected and the modification is authorised, the system automatically set the netting amount of all its facilities to zero and recalculate the available amount. Similarly when the netting option is enabled the system updates the netting amount based on all the Facilities and Account Nettings records, which have Netting option enabled for the liability.

2.2.24 Viewing Previous Credit Limit Changes

You can view previous changes made to the credit limit using the 'Facilities Summary' screen. You can invoke this screen by typing 'GESFACLT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

You can query on records based on all or any of the following criteria:

- Authorization StatusLine CodeLine Currency
- Line Start Date
- Record Status
- Serial No
- Liability No
- Line Expiry Date

Click 'Search' button. The system identifies all records satisfying the specified criteria and displays the following details for each one of them:

- Authorization Status
- Record Status
- Line Code
- Serial No
- Line Currency
- Liability No
- Main Line Code
- Available Amount
- ID
- Line Start Date
- Line Expiry Date
- Last New Util Date
- Availability Flag
- Date of First OD
- Date of Last OD
- Amount Utilized
- Utilization
- Available Date
- Tanked Util
- Netting Amount
- Branch
- Limit Amount

To view any previous changes made to the credit limit, double-click the corresponding record. A detailed screen appears containing changes made.

Facilities Maintenance			
New Enter Query			
Branch		User Defined Status	
Liability No *		Status Changed On	YYYY-MM-DD
Liability Name			☐ Revolving Line
Line Code *		☐ Non Revolving Special(Intra-day Revolving)	
Serial No			☐ Netting Required
Description			☐ Unadvised
			☐ Funded
			☐ Shadow Limit
Main Line Code		Internal Remarks	
Line Currency *			
Category		Utilization Tracking	☒ Local ☐ Global
Class Code		External Credit Rating	
	☐ Revaluation Required	Internal Credit Rating	
	☐ Rate Agreement Required		☐ Committed
Populate			
Amounts			
Limit Amount		Uncoll	
Pool Amount		Block Amount	
Collateral Amount		Approved Amount	
Transfer Amount		Day Light OD Limit	
Effective Line Amount		Day Light Limit	
Effective Line Amt Basis			Events
Limit Amount + Collateral Contribution	▼		
Maintenance Value Date	YYYY-MM-DD		
Utilization			
Available Amount		Amount Utilized Today	
Maximum Available Amount		Utilized Amount	
Date Of First OD	YYYY-MM-DD	Tanked Utilization	
Date Of Last OD	YYYY-MM-DD	Last New Utilization Date	YYYY-MM-DD
Netting Contribution		Total Amount Repaid	
OSUC Amount		Non Revolving Special(Intra-day Revolving) Available	
Outstanding Utilized Amount			
Utilization Statistics			
Net Utilization		Average Utilization	
Peak Utilization			
Availability			
Line Start Date	YYYY-MM-DD	☒ Available	
Line Expiry Date	YYYY-MM-DD	Book Date	YYYY-MM-DD
Line Grace Days		Availment Date	YYYY-MM-DD
Line Final Expiry Date	YYYY-MM-DD	Renewal Date	YYYY-MM-DD
Exception			
Exception Transaction Amount		Exception Breach Percentage	
Utilization Order			
Limit Amount		Collateral Amount	
Pool Amount			
Limit Review			
Limit Status	Active ▼	Next Review Date	YYYY-MM-DD
Review Frequency	▼	Closure Reason	
Freeze Reason			
Fee Preference Limit Restrictions Tenor Restrictions Source Restrictions Schedules Charges Covenants Pool Links Collateral Links Exposures User Defined Status Log Mandate Details Fields Comments Review History FX Rate Revaluation Credit Rating Notifications MIS Class Change Log			
Maker	Date Time:	Mod No	Record Status
Checker	Date Time:		Authorization Status
			Exit

Note

This is a view-only screen hence you cannot make any modifications in this screen.

2.2.25 Viewing Facility Log Details

You can view the list of changes on the facility selected for a given date or range of dates. Facility log summary provides an option to search the record based on 'Liability No', 'Line Code', 'Serial No', 'From Date', and 'To Date'.

You can view the 'Facility View Summary' screen by clicking on the queried record.

You can invoke this screen by typing 'GEDFACHT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

ID	Liability M	Liability No	Line Code	Serial No	Line Currency	Event	Function	Action Amount	Action Date	User Reference Number	Utilized Amount	Available Amount	Available	Stock Amount	Effective Line Amount	Breach Flag	Amount Utilized Today	Non Revolving Special Available	Line Start Date
----	-------------	--------------	-----------	-----------	---------------	-------	----------	---------------	-------------	-----------------------	-----------------	------------------	-----------	--------------	-----------------------	-------------	-----------------------	---------------------------------	-----------------

You can view the indicative list of changes as below.

- Revolving to non-revolving and vice-versa
- Adding a main line code/removing existing main line code
- Adding a category/removing a category
- Limit amount increase/decrease
- Facility expiry
- Reopening/enabling after expiry
- Linking collateral pool to facility
- Increasing/decreasing collateral pool value at facility level
- Adding/deleting a mainline before utilization
- Change effective line basis
- Amendment to approved amount
- Modification of limit expiry date
- Modification of exception transaction amount
- Modification of exception breach percentage
- Increase or decrease limit through limit schedule
- Increase or decrease collateral pool value
- FX rate revaluation – amendments which impact facility
- Exception breach transactions

Impact on facility on account of amendments in other functions or batches triggering

- Increase/decrease collateral value
- Facility transfer
- Facility blocking
- Facility utilization
- Facility de-utilization
- Currency revaluation impacting facility
- Fee liquidation/fee reversal

2.2.26 Viewing Facility Summary Details

You can view the list of changes made to the facility using the 'Facility View Summary' screen. You can invoke this screen by typing 'GEDFACHT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button. and querying a record by providing a Liability no and Line code, clicking on the queried record opens the 'Facility View Summary' (GEDFACDT) screen.

Facility View Summary

Enter Query

Branch 507

Liability No * 000054

Line Code * TEST11

Serial No * 1

Description

Main Line Code

Line Currency USD

Category

Class Code

☐ Revaluation Required
☐ Rate Agreement Required

User Defined Status

Status Changed On

☐ Revolving Line
☐ Netting Required
☐ Unadvised
☐ Funded
☐ Shadow Limit
☐ Bulk Payment Required

Internal Remarks

Utilization Tracking
☐ Local
☒ LBL_GLOBAL

Amounts

Limit Amount	50,000.00	Uncoll	0.00
Collateral Amount	0.00	Block Amount	0.00
Transfer Amount	0.00	Approved Amount	50,000.00
Effective Line Amount	50,000.00	Day Light OD Limit	
Effective Line Amount Basis		Day Light Limit	0.00

Limit Amount

Maintenance Value Date 2021-03-08

Utilization

Available Amount	45,000.00	Amount Utilized Today	0.00
Date Of First OD	2021-03-08	Utilized Amount	0.00
Date Of Last OD	2021-03-08	Tanked Utilization	5,000.00
Netting Contribution	0.00	Last New Utilization Date	2021-03-08
		Non Revolving Special Available	

Availability

Line Start Date	2021-03-08	☒ Available
Line Expiry Date		Availment Date
Line Grace Days		Renewal Date

Exception

Exception Transaction Amount		☐ Breach Flag
Exception Breach		

Limit Review

Limit Status	Active	Next Review Date	
Review Frequency		Closure Reason	
Freeze Reason			

Action

Action Date	2021-03-08	Reference Number	5072106700000013
Function	GEDUTILS	User Reference Number	TEST11
Event	UTIL	Action Amount	5,000.00
ID	7016		

Exit

2.2.27 Processing of Advanced and Manual Facility Fees

Oracle Banking ELM supports 'Advanced Fee' and 'Manual Payment' of fee for facility.

The steps involved in processing advanced and manual fee payment is as follows:

Advanced Fee

You can capture 'Liquidation Method' as 'Advanced' in 'Fee & Accounting Class Maintenance' screen for a rule code in 'Rule Preferences' screen

At time of facility creation in 'Facility Maintenance' (GEDFACLT) screen, this value gets defaulted as 'Advanced' in 'Liquidate Method' field in facility 'Fee Details' screen.

You can choose your own schedule start by selecting 'Start Date' and 'Start Month' in 'Fee Rule Preferences' section.

The following are the various advanced fee scenarios:

1. Advanced fee can be of type 'User Input' or 'Rate/Amount' selected in 'Fee Rule Maintenance' screen.
 - 'User Input' can only be specified in terms of amount value
 - 'Rate/Amount' is based on the underlying SDE selected in SDE Type
 - For 'User Input' or 'Amount', the value specified is considered for the whole liquidation cycle (frequency) and accrued accordingly based on the day basis.

For example,

Fee Amount = 2400, Accrual Frequency = Daily, liquidation frequency = Monthly, Days in month = 30, Day Basis = Actual/Actual

Fee accrued per day is $2400/30 = 80$. This process is repeated for every schedule (in this case every month)

2. Advance fees can be collected/liquidated both manually or automatically (configured in liquidation preference in Fee & Account Class Maintenance screen as 'Manual' or 'Auto')
 - If 'Manual' then fee type has to be 'User Input'
 - For fee type as 'User Input' and liquidation as 'Manual', advanced Fee is collected manually from 'Manual Fee Payment' screen.
 - FLIQ event is triggered once the record is saved in 'Manual Fee Payment' screen.
 - You are not allowed to make advance payments.
 - If 'Auto' then fee type can be either 'User Input' or 'Rate/Amount'.
 - For fees types as 'User Input' and liquidation as 'Auto', advanced fee is collected automatically on the day of facility creation and then based on the frequency.
 - For fees types as 'Rate/Amount' and liquidation as 'Auto', advanced fee is collected automatically on the day of facility creation (and then based on frequency) if the underlying SDE's have balances

Note

- If on facility start date, the SDE closing balance is 0 the fee is not collected
 - Fees are collected from the date the balances are updated
 - In this case, if the balances are updated in mid of the fee liquidation cycle the fees are adjusted as part of PRLQ (PRLQ_REC/PRLQ_PAY) event triggered on cycle last date
 - Fee accrual starts from the date the balances are updated
-

Manual Fee

You can capture 'Liquidation Method' as 'Manual' in 'Fee & Accounting Class Maintenance' screen for a rule code in 'Rule Preferences' screen

At time of facility creation in 'Facility Maintenance' (GEDFACLT) screen, this value gets defaulted as 'Manual' in 'Liquidate Method' field in facility 'Fee Details' screen.

Manual Liquidation screen

You can do manual fee payment by selecting facility detail and limit date in 'Manual Liquidation' screen.

Note

The system validates the inactive account at the time of saving the transaction detail.

You can invoke the 'Manual Liquidation' screen by typing 'GEDFCFPT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

Manual Fee Payment

New Enter Query

Liability No _____

Line Code _____

Serial No _____

Version Number _____

Limit Date YYYY-MM-DD

Value Date YYYY-MM-DD

Populate

Fee Rule Details

1 Of 1 Go

Fee Rule	Fee Currency	Account Branch	Account No	Account Currency	Due Amount	Amou
----------	--------------	----------------	------------	------------------	------------	------

Schedule Details

Maker Id _____

Maker Date Stamp _____

Status _____

Checker Id _____

Checker Date Stamp _____

Authorization Status _____

Exit

Once you select the 'Liability No', 'Line Code', and 'Limit Date' and click 'Populate', the 'Fee Rule Details' and 'Schedule Details' sections get displayed.

The 'Serial No' field is disabled and it gets defaulted from the 'Facilities Maintenance' screen.

It shows the summary of amount due and amount scheduled for a particular fee starting from start date to limit date.

Note

- Payment can be done till today's date only. Reversal of payment is allowed for latest version and today paid payment only.
 - Fees that are due for backdated facility till facility book date can be liquidated once the facility record is authorized.
-

As part of manual liquidation of facility fees, FLIQ (Fee Liquidation) event is triggered and appropriate entries are passed by system.

REVP (Reverse Payment) and RPRL (Reverse Pay/Receive Liquidation) events are system generated events when reversal of manual payment and pay-receive liquidation is opted for which accounting entries are internally generated by the system.

Note

- Pending fee will be liquidated at the time of facility closure for the accrued amount
 - In case the Fee Parameters at Facility level are modified after populating the Fee details in GEDFCFPT, you can click 'Populate' again to recalculate the fee details
-

2.2.27.1 Fee liquidation considering holiday settings

Fee liquidation considering GEDPARAM – Holiday Treatment setting and facility level fee parameter setting for holiday processing is explained in the following examples.

Example 1

With facility level fee processing setting as 'Ignore Holiday', fee liquidation will be as below for different holiday treatment setting in GEDPARAM.

Fee Preference Holiday Processing	Ignore	
GEDPARAM	S	
Fee start date	September 1, 2021	
Fee liquidation date	October 1, 2021	Holiday
Fee Cycle	1st September - 30th September	
Fee Transaction date	2nd October	
Value date	1st October	
Accrual considered till	30th September	

Fee Preference Holiday Processing	Ignore	
GEDPARAM	N-1	
Fee start date	September 1, 2021	
Fee liquidation date	October 1, 2021	Holiday
Fee Cycle	1st September - 30th September	
Fee Transaction date	30th September	
Value date	1st October	
Accrual considered till	30th September	

Example 2

With facility level fee processing setting as 'Move forward/Move backward and move across month enabled', fee liquidation will be as below for different holiday treatment setting in GEDPARAM with 1st October marked as holiday.

Fee Preference Holiday Processing	Move forward and Move across
GEDPARAM	S
Fee start date	September 1, 2021
Fee liquidation date	October 2, 2021
Fee Cycle	1st September - 1st October
Fee Transaction date	2nd October
Value date	2nd October
Accrual considered till	1st October

Fee Preference Holiday Processing	Move forward and Move across
GEDPARAM	N-1
Fee start date	September 1, 2021
Fee liquidation date	October 2, 2021
Fee Cycle	1st September - 1st October
Fee Transaction date	2nd October
Value date	2nd October
Accrual considered till	1st October

Fee Preference Holiday Processing	Move backward and Move across
GEDPARAM	S
Fee start date	September 1, 2021
Fee liquidation date	September 30, 2021
Fee Cycle	1st September - 29th September
Fee Transaction date	30th September
Value date	30th September
Accrual considered till	29th September

Fee Preference Holiday Processing	Move backward and Move across
GEDPARAM	N-1
Fee start date	September 1, 2021
Fee liquidation date	September 30, 2021
Fee Cycle	1st September - 29th September
Fee Transaction date	30th September
Value date	30th September
Accrual considered till	29th September

Example 3

With facility level fee processing setting as 'Move forward and move across month enabled' fee liquidation will be as below for different holiday treatment setting in GEDPARAM with 1st October marked as holiday first and subsequently 2nd October is also marked as holiday (in between the cycle, say 15th September)

Fee Preference Holiday Processing	Move forward and Move Across
GEDPARAM	S
Fee start date	September 1, 2021
Fee liquidation date	October 2, 2021
Fee Cycle	1st September - 1st October
Fee Transaction date	3rd October
Value date	2nd October
Accrual considered till	1st October

Fee Preference Holiday Processing	Move Forward and Move Across
GEDPARAM	N-1
Fee start date	September 1, 2021
Fee liquidation date	October 2, 2021
Fee Cycle	1st September - 1st October
Fee Transaction date	30th September
Value date	2nd October
Accrual considered till	1st October

2.2.27.2 Accrual for arrears fee

For arrears fee on facility, accrual will be done for the fee cycle considering the day basis configured for fee rule and accrued fee amount will be liquidated on the liquidation date.

For percentage based fee, daily accrual will be calculated on basis amount considering day basis and consolidated accrual amount till end of fee cycle will be liquidated on the fee liquidation date.

For user input and amount based fee, per day accrual will consider the day basis which will sum up to user input or amount specified and same amount will be liquidated on the liquidation date.

Example

Fee start date	September 1, 2021
Fee liquidation date	October 1, 2021
Fee Cycle	1st September - 30th September
Fee Transaction date	1st October
Value date	1st October
Accrual considered till	30th September

2.2.28 Fee recalculation based on backdated transaction

The system can be configured to recalculate already liquidated facility fee whenever a backdated transaction is posted with transaction date as current date and value date as back date. This configuration can be enabled by setting the value of FEE_ALC_FLAG field in GETM_PARAMETER table as Y. If this flag value is set as N, then the system will not recalculate fee for the already liquidated fee cycles. However, the concerned value dated balance will be updated based on back dated transaction.

Note

- FEE_ALC_FLAG setting in GETM_PARAMETER table is a one time activity. Bank's can choose to recalculate the already liquidated fees or to not consider backdated transactions based on their requirement.
 - Refer 'Global Exposure Parameter Details' section in 'ELCM Common User Manual' for information on configurations related to backdated transaction.
-

The backdated transactions considered for fee recalculation are:

- Amendment to facility including sub-system changes impacting the facility level amounts in Facility screen (GEDFACLT) with maintenance value date as back date
- Utilization transaction with value date as back date
- Rate change (including signifying new rate and modifying existing records) in fee preferences at facility level with effective date as back value date

Note

- For backdated transactions posted during the deferment period, fee which are deferred but yet to be liquidated will be recalculated and liquidated on the deferred date.
 - For the period pertaining to current liquidation cycle, accrual will get recalculated from the last liquidation date.
 - Facility level limit changes done with back value date by signifying maintenance value date may result in change in slab/tier. For these amendments, appropriate rate/amount will be considered based on the new slab/tier while recalculating the fees.
-

Calculation of balances

- Based on back value dated transactions, value dated balances of impacted amounts will be updated in addition to updating of book dated balances. Fee associated with such SDE will be recalculated

- As book dated balance is considered for backdated transactions like utilization, exchange rate as on book date will be considered for cross currency transactions

Differential amount for already liquidated cycles

- Separate entries (for both accrual and liquidation) will be posted for differential fee calculated for already liquidated cycles
- Value date of such separate entries will be liquidation date of corresponding cycles with transaction date as current application date
- Differential fee accrual entries are posted for each liquidation cycle
- Separate entries for current cycle accrual based on back dated transactions will be posted based on accrual frequency
- Irrespective of liquidation mode, the adjustment entries will get force posted as part of facility fee liquidation batch

Accounting

- Separate accounting entries (Increase/decrease) will be posted for each liquidation cycle for each fee rule with value date as liquidation date and book date as current date
- All recalculation related fee entries will be force posted
- If accrual is daily, accrual entries will be matched with liquidation frequency for backdated transactions. For example, if the liquidation cycle is monthly and accrual is daily, differential accrual for already liquidated cycle will be consolidated and posted monthly.
- For completed cycles, approach for advance fee is same as that of arrear fee

Example:

If facility is created on 1st January with two fees (one advance fee and one arrears fee with percentage), liquidation cycle is monthly, and accrual is daily as below:

Facility start date	1st January		
Monthly fee dates	1st January	1st February	1st March
Advance fee amount liquidated	1000	1100	1050
Arrears fee amount liquidated		2200	2100
Accrual entries daily (for these liquidated fee)			

On 10th March, accrued amounts till date will be:

Current Business date	10th March
Advance fee accrual amount	300
Arrears fee accrual amount	700

If back value dated transaction is done on 10th March with value date as 10th January, already liquidated fee will be recalculated and differential amounts (liquidation cycle wise) will be:

Value date of backdated transaction	10th January		
Value date of differential fee liquidation transaction	1st January	1st February	1st March
Resulting differential fee amount - Advance	200	300	350
Resulting differential fee amount - Arrears		700	800

Differential fee accrual entries for liquidated cycles with value date will be:

Value date of different fee accrual - advance	31st January	28th February	
Different fee accrual amount	200	300	
Value date of different fee accrual - arrears		1st February	1st March
Different fee accrual amount		700	800

Differential accrual for current cycle

- For the period from 1st March till 9th March, arrear/Advance fee differential accrual will be posted daily for different value dates with transaction date as 10th March.
- For advance fee, posting of backdated transaction with value date in the current cycle will result in recalculation and posting of accrual entries.

2.2.29 Processing of (ECA) and Partial/Full Fee Liquidation

- ECA request for fee liquidation is not created from ELCM where GL is chosen as settlement account.
- For fees where liquidation start month and date are opted, ECA request is triggered as below:
 - Arrears Fees – On selected month and date with amount due till that day.
 - Advance fees – ECA request on facility start date with amount from facility start date till selected month and date.
- ECA request is triggered for fee liquidation events (FLIQ and PRLQ - PRLQ_REC) and not for events like FACR.
- No ECA requests are triggered for fees associated with facilities in closed, expired or inactive status.
- No ECA requests are triggered for the fees that are waived.

- You can verify fee amount for each liquidation cycle, recovered and due from 'Facility Fee Summary' screen.
- You can Approve/Retry the rejected ECA request from 'ECA Queue' screen
- When you choose to approve, fee gets liquidated and force posted irrespective of available balance in CASA (in GESFRTRY)
- The different ECA request are below:
 - P – Processed
 - E - Error
 - T – Timed Out
 - A – Approved
 - U - Unprocessed

ECA Request for Auto Liquidation

1. As part of ELCM batch process, amount due for liquidation for a fee is sent to the DDA system for approval based on (ECA_CHECK_REQD) parameter maintained in GEDPARAM table and verify funds flag at account and contract level. Only after receiving an approval from the DDA system, the system proceeds with liquidation of the fee component.
2. ELCM sends a consolidate request to the ECA - one for each facility contract. As the settlement account is configured for each fee component in ELCM, multiple settlement accounts for a facility is possible. ELCM for a due date groups the total amount due from each account and generate one ECA request for a facility and due date.
 - a. Full Liquidation
 - Fees are liquidated if only balance is fully available
 - Example
 - Fee 1 = 100, Fee 2 = 300
 - ECA Request for = 400
 - Amount in CASA = 300
 - ECA response will be Rejected and no liquidation takes place
 - Fee 1 and 2 will be updated as due
 - b. Partial Liquidation
 - Fees are liquidated to the extent of available
 - Example
 - Fee 1 = 100, Fee 2 = 300
 - ECA Request for = 400
 - Amount in CASA = 300
 - ECA response is Approved and partial liquidation takes (Fee 1 liquidated to 100 and Fee 2 liquidated to 200)
 - Fee 2 is updated as due with amount 200.
3. The due amount when sent as part of ECA request will be in account/facility currency.
4. As part of the ECA request, ELCM module sends the following additional preferences configured at a class/facility product level.
 - Partial Liquidation Allowed (PARTIAL_BLOCK_REQUIRED): If the flag is set as 'N', then ECA system sends a fail approval in case the total amount requested is not available in the account.

- Partial Liquidation Allowed (PARTIAL_BLOCK_REQUIRED): If the flag is set as 'Y', then ECA system sends a pass approval in case the total amount requested is not available in the account. Block to the extent of available amount is put and whatever fees can be recovered (in the order sent) is recovered
5. In case of multiple fees that are due from the customer as part of Auto Liquidation, ELCM places a ECA request based on internal order of fee maintenance in ELCM.
 - Also applicable in case of multiple facilities using the same CASA and fees falling on same liquidation date – internal sequence of facility the same used for batch process is utilized for ECA request generation.
 6. First process in ELCM batch would compute the amount due for a fee as part of Auto liquidation and place the request into ECA table with the current status as 'Unprocessed'. A Java program would constantly poll the table for any unprocessed records and transform the records into an ECA request XML and place the same into a IN queue of the external system configured.
 7. Upon receipt of any response from the DDA system in the OUT queue of ELCM module, the response would be parsed by the JAVA program and update the status response status (Approved/Rejected) in GETB_ECA_REQ_MASTER and GETB_ECA_REQ_DETAIL table.
 - Single block reference is sent by UBS for all fee rules in the facility.
 8. When ECA block is successfully (APPROVED) created on the accounts (Partial / Full), liquidation happens in ELCM module and perform accounting.
 9. When ECA block is unsuccessfully (REJECTED) created on the accounts (Partial / Full), other activities continue and the exception is logged - Fee not liquidated
 10. ECA request for auto liquidation will not be created from ELCM where GL is chosen as settlement account. For example, for a contract having fee component and GL is chosen as a settlement account then no ECA request will be created by ELCM. However, if GL is chosen only for one of the fee component and for another a valid customer account is chosen as settlement account, then ECA request will be created only for that fee component.
 11. When Auto Liquidation process is run for more than one day as part of EOD processing (due to holiday settings), then Auto liquidation for the fees that are due for a day can be processed only after Auto liquidation is processed successfully for the preceding day.
 - On account of holiday processing, fees pertaining to multiple liquidation cycles getting triggered together, order of processing will be based on the order in which request sent – oldest first and latest last. Request for each liquidation date will have separate block reference.
 12. In a situation where ECA block is successful, but subsequent processing in ELCM fails auto retry mechanism will be available.
 13. ECA check during auto liquidation is a batch process
 - This is applicable for advance fees as well as the fees with auto liquidations are liquidated post successful completion of GEBUTILS batch
 14. PRLQ Event for Advance fee works as is and ECA requests are generated on the day they (PRLQ_REC) is triggered and work with the explained behaviour of blocking/recovery.
 - Partial Liquidation Allowed option affects the fees that needs to be collected from customer as part of PRLQ (PRLQ_REC) – fees are collected from customer based on the flag
 - If a PRLQ fee is unable to be collected (ECA REJECT or ECA APPROVE for partial), it will be marked as overdue.
 - The uncollected PRLQ fee is tracked separately and retried for recovery

- Fees for new cycle continues the normal process but should be collected only when all overdue fees are cleared
 - If an advanced fee is not collected on facility start date and the due amount increases (due to utilization), then ECA request will include the full due amount on cycle end date as part of PRLQ.
15. Due fees (ECA response as REJECTED) is logged separately as OVERDUE and retried for recovery based on the defined frequency specified.
- Fees for new cycle continues the normal process but should be collected only when all overdue fees are cleared
16. System allows user to Reject/Retry the Rejected ECA request from ECA Queue screen
17. System passes the accounting entries to external system only for the authorized contract with handoff status as Y after unblocking of the amount
18. Below scenarios depict the behaviour of fees with auto liquidation and ECA check.

Scenario	Fee Rules	Liquidation Amt	CASA Balance	Verify Funds	Partial Liquidation Allowed	Consolidated Request to UBS	Amt Liquidated	Remarks
1	Fee 1	100	500	Yes	Yes*	Sum of all fees = 750	100	Collected
	Fee 2	200					200	Collected
	Fee 3	150					150	Collected
	Fee 4	250					50	Partially Collected
	Fee 5	50					0	Not Collected as CASA balance exhausted

Scenario	Fee Rules	Liquidation Amt	CASA Balance	Verify Funds	Partial Liquidation Allowed	Consolidated Request to UBS	Amt Liquidated	Remarks
----------	-----------	-----------------	--------------	--------------	-----------------------------	-----------------------------	----------------	---------

2	Fee 1	100	500	Yes	No*	Sum of all fees = 750	0	Not Collected
	Fee 2	200					0	Not Collected
	Fee 3	150					0	Not Collected
	Fee 4	250					0	Not Collected
	Fee 5	50					0	Not Collected

19. When a fee is auto liquidated, verify funds (ECA check) is performed. It would depend upon maintenances for verify funds (ECA check) present at GEDPARAM, facility and account levels. Following scenarios are handled here:

- a. Scenario 1: Verify funds (ECA check) is required and verify funds response is approved.
 - For Partial Liquidation
 - Normal fees Liquidation
 - Fee liquidation as result of PRLQ
 - For Full Liquidation
 - Normal fees Liquidation
 - Fee liquidation as result of PRLQ
- b. Scenario 2: Verify funds (ECA check) is required and verify funds response is rejected
 - For Partial Liquidation
 - Normal fees Liquidation
 - Fee liquidation as result of PRLQ
 - For Full Liquidation
 - Normal fees Liquidation
 - Fee liquidation as result of PRLQ
- c. Scenario 3: Verify funds (ECA check) is not required
 - Normal fees liquidation
 - Fee Liquidation as part of PRLQ
- d. Scenario 4: Verify funds (ECA check) is required, contract is entered in unauthorized mode
 - For Partial Liquidation
 - For Full Liquidation

ECA Request for Manual Liquidation

1. Manual Liquidation is applicable for both Advance and Arrears fees through GEDFCFPT screen
2. Partial Liquidation Allowed option does not have any effect on fees with manual liquidation – this flag is not applicable for fees with manual liquidation.
 - User can chose to enter the fee the fee that needs to be liquidated and can opt for partial if sufficient balance is not available.

3. After capturing the necessary details in GEDFCFPT screen and click 'Save', ELCM will place an ECA request for the amount requested for the payment.
4. System displays the success or failure message based on response received from DDA system
5. When the ECA request is approved by the DDA system, the saved record in GEDFCFPT needs to be manually authorized.
 - ELCM will process the payment request and update the tables and post liquidation entries as part of back ground process and payment status will be in unauthorized state.
 - Authorization of payment is possible only after the liquidation process is completed and entries are posted.
6. When the ECA request is rejected by the DDA system, the saved record in GEDFCFPT needs to be manually deleted.
 - When manual payment is deleted for unauthorized contract, an undo ECA should be sent to the DDA system.
 - Block if processed should be unblocked
 - If there are multiple fees to be manually liquidated and if for one the ECA request is rejected, user needs to manually delete the payment instruction for that fee component and proceed with the approved ones.
 - Even in the case of rejection on account of insufficient CASA balance, UBS/DDA system will indicate the amount that can be blocked in CASA.
 - User can then take a call how the amount needs to be apportioned across fee components.
7. Similarly, ELCM generates reversal entries upon reversal of record (payment reversal) in GEDFCFPT.
 - Block if processed should be unblocked.
 - In case where actual accounting to DDA system is not generated post ECA approval, ELCM generates both actual entries for liquidation with block number and its reversal.

Actions	System Response
After getting ECA response as 'Approved', if you try to delete the payment	The system should undo ECA with the approved block number

8. System allows you to 'Reject/Retry' the Rejected ECA request from 'ECA Queue' screen
9. System passes the accounting entries to external system only for the authorized contract with handoff status as 'Y' after unblocking of the amount
10. Below are the sample scenarios which depicts the functionality further.

Scenario 1:

Fee Rule s	Liquid ation Amt	CASA Balanc e	Verify Funds	Partial Liquidati on Allowed	Consolid ated Request to UBS	UBS Respo nse	Amt Liquidate d	Remarks
-------------------	-------------------------	----------------------	---------------------	-------------------------------------	-------------------------------------	----------------------	------------------------	----------------

Fee1	100	500	Yes	NA	Sum of all fees = 750	Rejected. Also indicates that CASA balance is 500.	100	User chooses to fully collect
Fee2	200						200	User chooses to fully collect
Fee3	150						150	User chooses to fully collect
Fee4	250						50	User chooses to partially collect
Fee5	50						0	User chooses not to collect. New ECA request as per new appropriation rebuilt

Scenario 2:

Fee Rules	Liquidation Amount	CASA Balance	Verify Funds	Partial Liquidation Allowed	Consolidated Request to UBS	UBS Response	Amount Liquidated	Remarks
Fee1	100	500	Yes	NA	Sum of all fees = 750	Rejected. Also indicates that CASA balance is 500.	100	User chooses to fully collect
Fee2	200						100	User chooses to partially collect
Fee3	150						150	User chooses to fully collect
Fee4	250						100	User chooses to partially collect
Fee5	50						50	User chooses to partially collect New ECA request as per new appropriation rebuilt

11. When a fee is manually liquidated through GEDFCFPT screen, verify funds (ECA check) is performed. It would depend upon maintenances for verify funds (ECA check) present at GEDPARAM, facility and account levels. Following scenarios are handled here:

- a. Scenario 1: Verify funds (ECA check) is required and verify funds response is approved

- Sub Scenario a.1: Contract is authorized – fee liquidated
 - User chooses to fully liquidate
 - User chooses to partially liquidate
- b. Scenario 2: Contract is reversed – Reverse option in GEDFCFPT
- c. Scenario 3: Verify funds (ECA check) is required and verify funds response is rejected
 - Sub Scenario c.1: CASA balance not available
 - Sub Scenario c.2: User chooses to liquidate fees partially
 - Sub Scenario c.3: User chooses to liquidate only selective fees
- d. Scenario 4: Verify funds (ECA check) is not required
- d. Scenario 5: Verify funds (ECA check) is required, contract is entered in unauthorized mode.

2.2.29.1 Facilities Fees Retry

The 'Facility Fee Retry' GESFRTRY screen lists down the facility fees which are configured as auto liquidation and are rejected during ECA request or failed due to other reason, irrespective of ECA configuration.

The user can use this functionality 'GESFRTRY' to Approve / Retry the Rejected ECA request.

The fees rejected due to unavailability of funds can be re-triggered for liquidation once the balance is available in CASA of the customer and/or the fee that failed due to other reason can be retried for liquidation, by selecting the retry option.

The failed / rejected fees can be liquidated and force posted irrespective of available balance in CASA, by selecting the Approve option.

To filter the available details / attributes of fee in this screen, the user can select the following filter criteria:

- Line id
- Fee Rule
- Liquidation Frequency

To invoke the 'Facility Fee Retry' screen, type 'GESFRTRY' in the field at the top right corner of the Application tool bar and click the adjoining arrow button.

Click 'Search' and perform the following steps.

Line Id

Select the facility Id to view the rejected / failed fees.

Fee Rule

Select the fee rule associated with a facility to view the rejected / failed fees.

Liquidation Frequency

Select the liquidation frequency based on fee rule to view the rejected / failed fees.

Approve

Select the fees and click this option to approve the rejected ECA request.

Retry

Select the fees and click this option to approve the rejected ECA request.

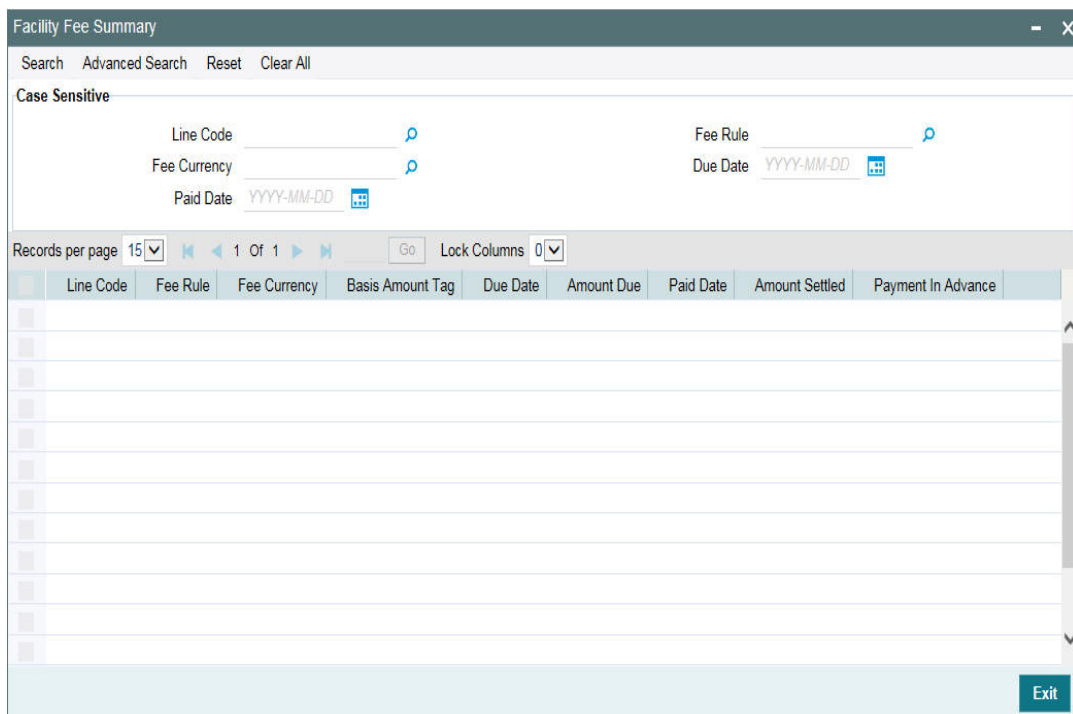
Note

- 1) Multiple fees associated with the facility that has been rejected as part of ECA request can be selected at once and ECA request can be triggered.
 - 2) As the screen displays all the fees for all the rules associated with the facility Id, retrying any one of the rule id will retrigger all the rejected fees with the facility.
 - 3) The user cannot change the liquidation preference opted as Full / Partial at facility level from this screen.
 - 4) For the successful ECA request for which response is APPROVED, the fees are cleared off from the Facility Fee Retry screen. Whereas, the rejected ECA request (response as REJECTED) and / or the fees that gets failed again are continuously displayed in the Facility Fee Retry screen.
 - 5) FLIQ will get triggered for these fees as part of APPROVE / RETRY process along with the related accounting entries.
-

2.2.29.2 Facility Fee Summary screen

Using 'Facility Fee Summary' screen you can verify what is the fee amount for each liquidation cycle, what is recovered and what is due.

You can invoke this screen by typing 'GESFEEVW' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.



The screenshot shows the 'Facility Fee Summary' application window. At the top, there is a title bar with the window name and standard OS controls. Below the title bar is a search bar with options for 'Search', 'Advanced Search', 'Reset', and 'Clear All'. A 'Case Sensitive' checkbox is located below the search bar. The main input area contains several fields: 'Line Code', 'Fee Rule', 'Fee Currency', 'Due Date' (formatted as YYYY-MM-DD), and 'Paid Date' (formatted as YYYY-MM-DD). Each field has a magnifying glass icon to its right. Below the input fields is a table with the following columns: 'Line Code', 'Fee Rule', 'Fee Currency', 'Basis Amount Tag', 'Due Date', 'Amount Due', 'Paid Date', 'Amount Settled', and 'Payment In Advance'. The table is currently empty. At the bottom right of the window is an 'Exit' button.

2.3 Account/Contract Balance Maintenance for Netting

To pool balances across accounts/contracts for netting, account/contract balance information has to be maintained. You can perform this maintenance in the 'Account/Contract Balance for Netting' screen.

You can invoke the 'Account/Contract Balance for Netting' screen by typing 'GEDACCNT' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

Account Balance For Netting

Enter Query

Reference Number *

Liability No

Customer Number

Currency

Amount

Value Date YYYY-MM-DD

Booking Date YYYY-MM-DD

Expire Date YYYY-MM-DD

Line Code

Serial Number

☐ Netting Required

Contract Type

Source Code

User Reference

Fields

Maker	Date Time:	Mod No	Record Status
Checker	Date Time:	Authorization Status	Exit

Reference Number

Specify the reference number, which is the account number or the contract reference number for which the balance has to be considered.

Contract Type

The 'Contract Type' field will show 'AC' by default for the account netting facility. In this case you must also define the facility code (Line Code) to which the netting amount is to be added.

If the account is a Term Deposit account which you wish to link as collateral to a collateral pool, then specify a Contract Type other than 'AC'. Here you need not specify the facility code.

For more details on linking Term Deposit accounts/contracts as collaterals, refer the section 'Collaterals Maintenance'.

Customer Number

Specify the customer number to which the Reference number belongs to.

Currency

Specify the currency based on which the balance amount of the account/contact has to be considered. Once authorized, this entry will be non-amendable.

Amount

Specify the account/contract balance amount for netting.

Value Date

Specify the date from when this account/contract is valid for netting.

Booking Date

Specify the booking date when the account/contract was created.

Expiry Date

Specify the date till when this account/contract is valid for netting.

Liability Number

Specify the liability number to which the Reference number is linked.

Line Code

Specify the line code for the account/contract.

Serial Number

System displays the Serial Number for the line chosen in the field 'Line Code'. The 'Serial No' field is disabled and it gets defaulted from the 'Facilities Maintenance' screen.

Netting Required

Select this check box to indicate that the netting amount defined in the 'Account/Contract Balance for Netting' screen is updated in the 'Netting Contribution' field for the specific facility for which 'Netting Required' check box is selected. You can have the Facility to display the Netting Amount in the 'Netting Contribution' screen. For more details on this feature, refer the section 'Including Netting Amount in Facility's Netting Contribution' in this document.

2.4 **Facility Block Maintenance**

Funds for the facility can be blocked either using the 'Ear Marking Maintenance' screen or the 'Facility Blocking' screen.

Note

Facility block maintenance can also be performed using GEDBLOCKS, which is a common block maintenance screen for both collateral and facility.

2.4.1 **Ear Marking Maintenance**

Using the 'Ear Marking Maintenance' screen, the block amount can be parked and reserved separately.

To invoke the 'Ear Marking Maintenance' screen, type 'GEDBLOCK' in the field at the top right corner of the Application tool bar and click the adjoining arrow button.

Block Number

Specify the unique number which is to be assigned for every block that has been created.

Branch

Specify the branch in which the block has been created.

Liability Code

Specify the liability code for which the amount block is to be done.

Customer Number

Specify the customer for whom the amount block is to be done.

Line Code

Specify the Line code for which the amount block is to be done.

Serial Number

System displays the serial number for the line chosen in the field 'Line Code'.

Block Currency

Specify the currency based on which the Block amount for the facility has to be considered.
Once authorized, this entry is non-amendable.

Block Amount

Specify the amount to be blocked for ear marking. The block amount cannot be a negative value.

For NRS lines, facility amount can be blocked only to the extent of Available Amount. NRS Available amount will not be considered during facility block transaction.

Effective Date

Specify the date from when this block amount for that facility becomes effective.

Expiry Date

Specify the date till when this block amount for that facility is applicable. Expiry Date cannot be prior to the application date.

Auto Block

Check this box to indicate that the system should automatically create block for the specified amount for the specified facility. This check box is deselected by default indicating that the block on the facility is manual.

Remarks

Add remarks about the ear marking maintenance, if any.

2.4.2 Facility Blocking

Using the 'Facility Blocking' screen, block can be placed on the facility.

Note

During block transaction, non-revolving facilities will act as revolving facilities.

To invoke the 'Facility Blocking' screen, type 'GEDFBLCK' in the field at the top right corner of the Application tool bar and click the adjoining arrow button.

The screenshot displays the 'Facility Blocking' application window. It includes a top navigation bar with 'New' and 'Enter Query' options. The main area is divided into 'Block Details' and 'Transaction Details'. The 'Block Details' section contains a 'Block Reference Number *' field, a 'Simulate' button, a 'Force Process Ovd' checkbox, and a 'Utilization Branch' dropdown menu. The 'Transaction Details' section features a table with columns for 'ID', 'Customer No', 'Limit Type', 'Liability No', 'Liability Currency', 'Block Currency', 'Block Amount', and 'Amount tag'. The table is currently empty. At the bottom of the screen, there are fields for 'Maker', 'Checker', 'Date Time', and 'Authorization Status', along with an 'Authorize' button and a chat icon.

Click 'New' and specify the following details.

Block Reference Number

Specify the unique number which is to be assigned for every block to be created.

Simulate

Select this check box to indicate that the details for the transaction being entered should be used only for simulation and not stored permanently within the system. After a successful simulation of a transaction, the system displays the utilized amount for liability, facility and collateral pool.

Force Process Ovd

Indicates whether transaction should ignore the overrides occurred in the process or not.

Utilization Branch

Branch code is displayed here. It indicates the transaction branch code.

Action

During new block, you can perform below mentioned operations for the entities (liability, facility, and collateral pool).

- New Block
- Increase Block
- Decrease Block
- Alter Block
- Reverse Block
- Re-open Block
- Mature
- Delete

The following examples depict block applied on a revolving facility for different block operations.

New Block**Before Block**

Available Amount	Block Amount	Block Status
10000	0	A

After Block of 1000

Available Amount	Block Amount	Block Status
9000	1000	A

Alter Block

After New Block of 1000

Available Amount	Block Amount	Block Status
9000	1000	A

After Alter Block of 3000

Available Amount	Block Amount	Block Status
7000	3000	A

After Alter Block of 2000

Available Amount	Block Amount	Block Status
8000	2000	A

Increase Block

After New Block of 1000

Available Amount	Block Amount	Block Status
9000	1000	A

After Increase of 1000

Available Amount	Block Amount	Block Status
8000	2000	A

Decrease Block

After New Block of 1000

Available Amount	Block Amount	Block Status
9000	1000	A

After Decrease of 500

Available Amount	Block Amount	Block Status
9500	500	A

Reverse Block

After Block

Available Amount	Block Amount	Block Status
8000	2000	A

After Reverse of Block

Available Amount	Block Amount	Block Status
10000	0	R

Reopen Block

After Block

Available Amount	Block Amount	Block Status
10000	0	A

After Reopen of Block

Available Amount	Block Amount	Block Status
10000	0	A

Liquidate Block

After Block

Available Amount	Block Amount	Block Status
8000	2000	A

After Liquidation of Block

Available Amount	Block Amount	Block Status
10000	0	L

Note

For NRS lines, facility amount can be blocked only to the extent of Available Amount. NRS Available amount will not be considered during facility block transaction.

Transaction Details

ID

Indicates the transaction ID

Customer No

The system displays the customer number to which the liability, facility, and collateral pool are linked. The option list displays all valid customer numbers linked to the liability number selected on this screen. You can select the customer number from the option list.

Limit Type

Select the limit type from the drop down list. Options available are: Liability, Facility, and Collateral Pool.

Liability No

Liability which is linked to customer in 'Customer to Liability Link Maintenance' screen (GEDCULIK) is displayed here.

Liability Currency

The currency with which the liability is associated is displayed here.

Block Currency

Specify the currency based on which the Block amount for the facility has to be considered.

Block Amount

Specify the amount to be blocked.

For NRS lines, facility amount can be blocked only to the extent of Available Amount. NRS Available amount will not be considered during facility block transaction.

Amount Tag

The 'Amount Tag' entered in 'Amount Tag Maintenance' screen is displayed here.

Amount tag would be required when there are multiple utilization for the same reference number. This tag would indicate which component needs to be authorized.

Block Product

Specify the product for the transaction.

Liability Block Amount

Displays the liability blocked amount.

Line Code

Specify the facility here.

Serial No

Indicates the ELCM generated unique identifier for the facility. The 'Serial No' field is disabled and it gets defaulted from the 'Facilities Maintenance' screen.

Pool Code

Specify the Pool Code here. The pool code assigned to each collateral pool can be linked to a liability while creating credit limits.

Limit Currency

The limit currency of the facility.

Limit Block Amount

Specify the amount blocked from the limit in limit currency. In case of cross currency block transaction, convert the block amount from the transaction currency to Limit Currency and mention it as 'Limit Block Amount'.

If the 'Limit Block Amount' is specified, foreign currency revaluation and currency revaluation is not applicable for the block transaction.

Utilization Status

Indicates the utilization status, possible values are A-Active, R-Reverse, L- Liquidated.

Tenor Basis

Select this check box to indicate that the utilization should be tracked tenor wise for the facility.

Tenor

Enter the basis on which tenor tracking should be done for the utilization. You must have selected the 'Tenor Basis' option before you can specify the basis here.

Maturity Date

Specify the date on which the transaction matures.

Value Date

Specify the value date for the transaction.

Module

The module from which the transactions are triggered is displayed.

Source Code

Indicates the product processor name from where the transaction has been originated. This field will be as part of Header section (Source Code).

Exposure Block Number

Specify a unique number for the block you are creating. The system does not allow you to modify it after authorization.

Exchange Rate

Specify the Exchange Rate for cross currency block transaction. The block amount for all Limit Entities (Liability, Facility and Exposure linked to liability and facility) will be calculated in the mentioned block currency directly using this exchange rate instead of the exchange rate mentioned in GEDPARAM.

Note

The exchange rate mentioned in GEDFBLCK will be used only for the calculation of direct limit entities block.

2.5 Facility Utilization Maintenance

The 'Facility Utilization' screen (GEDFUTIL) is a dedicated screen for capturing utilization request specific to facilities. You can either capture the facility utilization request through GEDUTILS or GEDFUTIL screen.

This screen is not applicable for collateral entity.

You can invoke the 'Facility Utilization' screen by typing 'GEDFUTIL' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The screenshot shows the 'Facility Utilization' window. At the top, there are tabs for 'New' and 'Enter Query'. Below this, the 'Utilization Details' section contains a 'User Reference' field with a red asterisk, a 'Simulate' button, a 'Force Process Ovd' field with a 'No' button, a 'Utilization Branch' dropdown, an 'Action' dropdown set to 'New', and a 'Maturity Date' field with a date picker. The 'Transaction Details' section features a table with columns: 'Utilization ID', 'Customer No', 'Limit Type', 'Liability No', 'Liability Currency', 'Utilisation Currency', 'Utilization Amount', and 'Amount tag'. The table has a 'Go' button and a '1 Of 1' indicator. At the bottom of the table is an 'Authorize' button. The footer of the window includes fields for 'Maker', 'Checker', 'Date Time', and 'Authorization Status', along with an Oracle logo and a '1' icon.

Click 'New' and specify the following details.

Utilisation Branch

Branch Code is displayed here. It indicates the transaction branch code.

Action

During new utilization, you can perform below mentioned operations for the entities (liability, facility, and exposure linked to liability and facility).

- New Utilization

- Increase Utilization
- Decrease Utilization
- Alter Utilization
- Reverse Utilization
- Re-open Utilization
- Mature
- Delete

The following examples depict utilization applied on a revolving line for different utilization operations.

New Utilization

Before Utilization

Available Amount	Utilization Amount	Utilization Status
10000	0	-

After Utilization of 1000

Available Amount	Utilization Amount	Utilization Status
9000	1000	A

Alter Utilization

After New Utilization of 1000

Available Amount	Utilization Amount	Utilization Status
9000	1000	A

After Alter Utilization of 3000

Available Amount	Utilization Amount	Utilization Status
7000	3000	A

After Alter Utilization of 2000

Available Amount	Utilization Amount	Utilization Status
8000	2000	A

Increase Utilization

After New Utilization of 1000

Available Amount	Utilization Amount	Utilization Status
9000	1000	A

After Increase of 1000

Available Amount	Utilization Amount	Utilization Status
8000	2000	A

Decrease Utilization

After New Utilization of 1000

Available Amount	Utilization Amount	Utilization Status
9000	1000	A

After Decrease of 500

Available Amount	Utilization Amount	Utilization Status
9500	500	A

Reverse Utilization

Before Utilization

Available Amount	Utilization Amount	Utilization Status
10000	0	-

After Utilization

Available Amount	Utilization Amount	Utilization Status
8000	2000	A

After Reverse of Utilization

Available Amount	Utilization Amount	Utilization Status
10000	0	R

Reopen Utilization

After Utilization

Available Amount	Utilization Amount	Utilization Status
8000	2000	A

After Reverse of Utilization

Available Amount	Utilization Amount	Utilization Status
10000	0	R

After Reopen of Utilization

Available Amount	Utilization Amount	Utilization Status
10000	0	A

Liquidate Utilization

After Utilization

Available Amount	Utilization Amount	Utilization Status
8000	2000	A

After Liquidation of Utilization

Available Amount	Utilization Amount	Utilization Status
10000	0	L

The following table depict utilization applied on a non-revolving special line for different utilization operations on the same day.

Note

Unless specified otherwise all the transactions are considered to happen in sequence.

S.No	Transaction	Amount						
		Transac tion	Limit	Available	Utilizatio n	Matured	Outstandi ng	NRS
1	Facility Crea- tion		10000	10000	0	0	0	0
2	Utilization	2000	10000	8000	2000	0	2000	0
3	Alter Utiliza- tion	1500	10000	8000	2000	500	1500	500
4	Increase Uti- lization	3000	10000	5500	4500	500	4500	0
5	Decrease Utilization	2000	10000	5500	4500	2500	2500	2000
7	Utilization post decrease	3000	10000	4500	5500	2500	5500	0
8	Reversal of latest utiliza- tion	3000	10000	5500	4500	2500	2500	2000
9	Reopen of reversal transaction	3000	10000	5500	4500	2500	2500	2000

S.No	Transaction	Amount						
		Transaction	Limit	Available	Utilization	Matured	Outstanding	NRS
10	Liquidation of contract	2500	10000	5500	4500	5000	0	4500

Maturity Date

Specify the date on which the transaction matures.

Entity's expiry date cannot be prior to the transaction maturity date.

User Reference

Specify a unique reference number for the transaction.

Simulate

Select this check box to indicate that the details for the transaction being entered should be used only for simulation and not stored permanently within the system. After a simulated transaction has been successfully put through, the system displays the utilized amount for the facility and the liability.

Force Process Ovd

Specify whether the transaction should ignore the overrides occurred in the process or not.

Transaction Details

Utilization ID

The system generates the Utilization ID on clicking 'Save'.

Customer Number

Specify a valid customer number for the transaction. The adjoining option list contains all the customers maintained in the system. Select the appropriate one.

Limit Type

Select the Limit Type from the drop down list. The options available are: Liability, Facility, and Collateral Pool.

Liability No

The system defaults the Liability Number for the selected customer.

Liability Currency

Currency of the liability gets defaulted here.

Utilisation Currency

Specify the currency for the utilization transaction. The adjoining option list contains all the currencies maintained in the system. Select the appropriate one.

Utilisation Amount

Specify the amount for the utilization transaction.

For sub-line utilizations on the main line, the system considers both the main-line's NRS available and available amounts.

During utilization of block amount in NRS line, NRS amount is considered first if de-utilization transaction is done on the same day.

Amount Tag

Specify the component type for the transaction. The adjoining option list contains all the relevant tags. Select the appropriate one. The 'Amount Tag' entered in 'Amount Tag Maintenance' screen is displayed here.

Utilisation Product

Specify the product for the transaction. The adjoining option list contains all the relevant products. Select the appropriate one.

Liability Utilized Amount

The system displays the utilization amount in liability currency.

Line Code

Specify the line code to be used for the transaction. The adjoining option list contains all the line codes allowed. Select the appropriate one.

Serial No

The 'Serial No' field is disabled and it gets defaulted from the 'Facilities Maintenance' screen.

Pool Code

Specify the Pool Code here. The pool code assigned to each collateral pool can be linked to a liability while creating credit limits.

Limit Currency

Limit Currency gets defaulted based on selected line.

Limit Utilised Amount

Specify the amount utilised from the limit in limit currency. In case of cross currency utilisation transaction, convert the utilised amount from the transaction currency to Limit Currency and mention it as Limit Utilised Amount.

If the 'Limit Utilised Amount' is specified, foreign currency revaluation and currency revaluation is not applicable for the utilization transaction.

Utilization Status

Indicates the utilization status. Possible values are A-Active, R-Reverse, L- Liquidated.

Tenor Basis

Select this check box to indicate that the utilization should be tracked tenor wise for the facility.

You can specify the basis on which it is to be tracked in the 'Tenor' field.

Tenor

Enter the basis on which tenor tracking should be done for the utilization. You need to check the 'Tenor Basis' option before you specify the basis here.

Maturity Date

Specify the date on which the transaction matures.

Matured Amount

Specify the maturity amount of the transaction.

Value Date

Specify the value date for the transaction.

Module

The module from which the transactions are triggered is displayed here.

Source Code

Indicates the product processor name from where the transaction has been originated. This field will be as part of Header section (Source Code)

Exposure Block Number

Specify a unique number for the block you are creating. The system does not allow you to modify this number after authorization.

Ignore Overrides

Enable this check box to ignore overrides.

Exchange Rate

Specify the Exchange Rate for cross currency utilization transaction. The utilization amount for the Limit Entities 'Facility', 'Pool', 'Liability' and 'Exposure' linked to liability and facility will be calculated in the mentioned utilization currency directly using this exchange rate instead of the exchange rate mentioned in GEDPARAM.

If utilization amount is in limit currency and the Exchange Rate is not provided as a part of utilization, then the system will calculate the Exchange Rate with the utilization amount in transaction currency and the utilization amount in limit currency.

Note

The exchange rate mentioned in GEDFUTIL will be used only for the calculation of direct limit entities utilization.

Block Reference Number

If you enter the block reference number, you can utilize the facility amount to extend of block amount. On utilization of block amount, the extent of the amount utilized is released from the block amount, thus the block amount is reduced.

If you try to utilize more than facility amount, the system gives an override.

An error appears, when you try to utilize more than blocked amount by providing block reference number.

Note

- For NRS lines:
 - The system posts amount to contingent accounts to the extent of reduction of available balance and does not consider the utilization from NRS Available balance
 - For backdated utilization transaction, contingent entry is triggered only if the utilization is partially or fully serviced out of Available balance on back date. If utilization is serviced entirely out of NRS Available balance on back date, contingent entry is not triggered
 - Reversal of earlier de-utilization transaction triggers contingent entries in case there is subsequent utilization transactions that were serviced out of NRS available balance, as subsequent utilizations will impact the available balance and lead to UTIL increase due to reversal
 - Reversal of utilization transaction triggers contingent entries only if utilization is partially or fully serviced out of Available balance. If utilization is serviced entirely out of NRS Available balance, contingent entry is not triggered

2.6 Queue Maintenance

This section contains following topics.

- [Section 2.6.1, "Exception Queue Maintenance"](#)
- [Section 2.6.2, "Exception Queue Slab Maintenance"](#)

2.6.1 Exception Queue Maintenance

You can maintain exception queue records with their respective user roles allowed for authorization in the 'Exception Queue Maintenance' screen.

Exception Queue Maintenance

New Enter Query

Queue Name*
Description
Currency*

Queue Details

1 Of 1 Go

Role Name	Description	Email Approval
-----------	-------------	----------------

Maker Date Time: Mod No Record Status
Checker Date Time: Authorization Status

Exit

You can invoke the 'Exception Queue Maintenance' screen by typing 'GEDQUEMN' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

Queue Name

Specify the Queue Name.

Description

Give a brief description of the queue here.

Currency

You can choose the appropriate currency from the option list.

You can configure different queues with currency combination. Queue configured with a particular currency when used in 'Exception Queue Slab Maintenance' determines the queue which needs to be considered for routing dual auth transaction for approval based on utilization amount in facility currency.

Queue Details

Here you can specify multiple user roles for a Queue name. For each record you must specify the Role Name, that is, the user role allowed for authorization. System then defaults the description for the role.

Email Approval

You can select this check box in case e-mail needs to be sent to the users attached to role.

2.6.2 Exception Queue Slab Maintenance

As a part of Credit Exception management, the Transaction authorizer details and breached authorizer details can be entered in the 'Transaction Authorize Maintenance' screen.

Exception Queue Slab Maintenance

New Enter Query

Branch *

Description

Category

Transaction Details

1 Of 1 Go

Queue	From Amount	To Amount	Currency	Email Approval	
-------	-------------	-----------	----------	----------------	--

Breached Details

1 Of 1 Go

Queue	From Amount	To Amount	Currency	Email Approval	
-------	-------------	-----------	----------	----------------	--

Fields

Maker Date Time: Mod No Record Status

Checker Date Time: Authorization Status

Exit

You can invoke the 'Exception Queue Slab Maintenance' screen by typing 'GEDTAUTH' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

The transaction authorizer queue first checks for authorizers maintained for that particular branch and category during a utilization transaction for that branch. If no authorizers are maintained for that branch then a default authorizer is assigned to all branches.

The Default Authorizer details are used for processing Credit Exception management.

Branch

Specify the branch for which the maintenance is being done.

Description

The description for the branch chosen in the field 'Branch' is displayed here.

Remarks

Specify the remarks about the Transaction Authorize Maintenance.

Category

Specify the category for which the transactions authorize maintenance is being done. Having specified the category for the liability and the facility, the transaction authorize maintenance can be done for the same category. When the Exception Txn Amount or Exception Breach Percentage gets breached for a line belonging to the same category as defined in the transaction authorize maintenance, the transaction is available in the queue defined in the transaction authorize maintenance for the specific category.

Transaction Details

Here for each record you can specify the following:

- Queue Name – Specifying this in turn fetches all the user roles attached to the queue name. During utilization transaction users having these roles have to perform the authorization for the corresponding amount range.
- From Amount and To Amount – For specifying the amount range
- Currency - In this screen while creating different slabs, the currency is defaulted from 'Exception Queue Maintenance' screen. This feature allows in picking appropriate queue based on utilization transaction amount in a particular currency. Thereby, dual authorization transaction can be sent to appropriate role.
- Email Approval - If selected, e-mail is sent to the users attached to the role if the breach falls in particular slab

Breached Details

Here for each record you can specify the following:

- Queue Name – Specifying this in turn fetches all the user roles attached to the queue name. During utilization transaction users having these roles have to perform the authorization on Breached Transaction amount blocks.
- From Amount and To Amount – For specifying the amount range to define the block of amount
- Currency - In this screen while creating different slabs, the currency is defaulted from 'Exception Queue Maintenance' screen. This feature allows in picking appropriate

queue based on utilization transaction amount in a particular currency. Thereby, dual authorization transaction can be sent to appropriate role.

- Email Approval - If selected, e-mail is sent to the users attached to the role if the breach falls in particular slab.

2.7 Breach Tracking for Main Line Facility Utilization Transactions

Oracle Banking ELCM allows you to track all the utilizations of a facility which includes the following:

- Main line facility level
- Child facility level

2.7.1 Breach tracking at main line and child facility level

- In case a utilization transaction breaches the exception transaction then the transaction goes for dual authorization. Likewise, because of the utilization transaction, if the total utilization breaches the exception breach percentage configured at facility level, then also the exception transaction goes for dual authorization.
- The dual authorization transaction is routed to appropriate role based on the queue maintenance.
- Dual authorization transaction is routed to appropriate queue considering the utilization transaction amount considering slabs configured for branch and category through 'Exception Queue Slab Maintenance' screen.
- Utilization transaction done at a facility level looks into exception transaction amount and exception breach percentage configured at that particular facility level for sending to dual authorization. For a child line having a main line attached, since the utilization transaction at child line level also updates the main line, utilization transaction goes for dual authorization if the transaction amount breaches the configurations at respective child and main line.
- Currency and amount of utilization transaction at line level is to be considered to decide the appropriate queue to which dual authorization transaction is to be sent for approval.
- Based on facility level configurations for exception transaction amount/percentage, if utilization transaction breaches the configured amount/percentage at both child and main line level, then multiple dual auth transactions are triggered based on configuration.
- Both dual authorization transactions pertaining to child and main lines have to be authorized.
- For a facility where in facility transfer out has taken place because of which the available amount would have come down, utilization transaction will be sent to dual authorization if the overall utilization breaches the exception breach percentage configured considering this available balance after facility transfer.
- If multiple users are available in a particular role and if one of the users approves the transaction, transactions gets approved. Likewise, if one of the users rejects the transaction, same gets rejected.
- Both child and main line level dual auth transactions are to be approved by the configured users for approval of the utilization transaction. If either of the child or main line dual auth transaction is rejected, then the utilization transaction gets rejected.
- If the utilization currency is different from facility currency, then the utilization amount is converted to facility amount currency and validated with exception transaction amount and if the same is breaching, appropriate queue/slab applicable for the amount/currency is picked for routing the transaction.

- When different branches involved in utilization transactions, that is main line in one branch and child line in a different branch, then appropriate branch/category combination configuration is considered.

2.7.1.1 **Examples**

When a single line configured with both breach transaction amount and breach exception percentage.

Scenario 1 - Utilization transaction resulting in breach of EITHER exception transaction amount or exception breach percentage – single transaction will go for dual authorization

- If one role is configured for a particular queue – all users in the role will get dual auth transaction. If one of them approves, entire transaction gets approved. If one of them rejects, entire transaction gets rejected. No action required from other users.
- If multiple roles are configured for a particular queue – all users in all configured roles will get dual auth transaction. If one of them approves, entire transaction gets approved. If one of them rejects, entire transaction gets rejected. No action required from other users.

Scenario 2 – Utilization transaction resulting in breach of BOTH exception transaction amount AND exception breach percentage – two transactions will go for dual authorization

- Since it is for the same facility both the transactions will go for the same queue considering the amount of utilization transaction considering the following.
- If one role is configured for a particular queue – all users in the role will get dual auth transaction. If one of them approves, entire transaction gets approved. If one of them rejects, entire transaction gets rejected. No action required from other users.
- If multiple roles are configured for a particular queue – all users in all configured roles will get dual auth transaction. If one of them approves, entire transaction gets approved. If one of them rejects, entire transaction gets rejected. No action required from other users.

When a child line having main line and both the lines configured with both breach transaction amount and breach exception percentage

Scenario 1 - Utilization transaction resulting in breach of EITHER exception transaction amount or exception breach percentage of both child and main lines - TWO transactions will go for dual authorization

- If one role is configured for a particular queue – all users in the role will get dual auth transaction. If one of them approves, entire transaction gets approved. If one of them rejects, entire transaction gets rejected. No action required from other users.
- If multiple roles are configured for a particular queue – all users in all configured roles will get dual auth transaction. If one of them approves, entire transaction gets approved. If one of them rejects, entire transaction gets rejected. No action required from other users.
- Action to be taken on both the transactions for ensuring completion of the transaction. If both the transactions are approved, utilization transaction gets approved. If either of the transactions is rejected then utilization transaction gets rejected.

Since two different facilities are involved, considering queue configuration for different slabs for a combination of branch and category, appropriate queue is selected for routing dual authorization transaction for approval.

- If one role is configured for a particular queue – all users in the role will get dual auth transaction. If one of them approves, entire transaction gets approved. If one of them rejects, entire transaction gets rejected. No action required from other users.

- If multiple roles are configured for a particular queue – all users in all configured roles will get dual auth transaction. If one of them approves, entire transaction gets approved. If one of them rejects, entire transaction gets rejected. No action required from other users.
- Action to be taken on all the transactions for ensuring completion of the transaction. If all four the transactions are approved, utilization transaction gets approved. If any one of the transactions is rejected then utilization transaction gets rejected.

2.8 Multi Authorization Maintenance

Multi authorisation maintenance can be done through the 'Multi Authorization Maintenance' screen. Using this screen, user you can get a list of transactions which requires authorization.

You can invoke the 'Multi Authorization Maintenance' screen by typing 'GEDDAUTH' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

Whenever Utilization Transactions has been breached then the utilization transaction would require multiple authorizations. Transactions which are breached can be authorized using UI Multi Auth screen.

Whenever utilization transaction has been breached this screen has to be used by the authorizer to either 'Accept' or 'Reject' the breached transaction. The following fields mentioned below indicate all the values that is associated with the transaction. The fields are all display fields and cannot be edited for a transaction using this screen. Only 'Accept' or 'Reject' for authorization of the breached transaction is allowed.

Serial Number

Indicates the Oracle Banking ELCM generated unique identifier for the transaction.

Specifies the exception queue in which transaction has been parked.

Error Code

Specifies the error code of the transaction.

Transaction Type

You can either select the transaction type as 'Utilization' or 'Block'

Limit ID

The authorizer can select the appropriate dual authorization transaction by selecting the list of values against the 'Serial Number' along with 'Limit ID'.

Limit Type

You can either select 'Facility', 'Liability', 'Collateral', or 'Collateral Pool'.

Error parameter

Specifies the error parameters associated to the transaction.

Remarks

You can enter your remarks associated with the transaction.

Utilization ID

Specifies the Oracle Banking ELCM utilization ID.

Customer Number

Specifies the Customer Number of the utilization transaction. Customer Number entered should be valid Customer Number in Oracle Banking ELCM system.

Transaction Date

Indicates the date and time when the transaction was entered in the external system.

Utilization Amount

Indicates the Utilization Amount.

Utilization Currency

Indicates the currency of the utilization transaction. Currency code entered should be a valid currency code in Oracle Banking ELCM system.

Liability Number

Specifies the liability number of the utilization transaction. Liability Number entered should be valid Liability Number in Oracle Banking ELCM system.

Line Code

Specifies the facility code of the utilization transaction. Facility Code entered should be valid Facility Code in Oracle Banking ELCM system.

Serial Number

Specifies the facility serial number of the utilization transaction.

Facility Currency

Specifies the facility currency.

Limit Util

Indicates the limit utilization amount.

Utilization Branch

Indicates the transaction branch.

Utilization Product

Indicates external product code of the utilization transaction. This is only if the utilization has been done from an external product

Value Date

Specifies the value date of the transaction. If value is not passed then system defaults to Oracle Banking ELCM present branch date.

Source

Indicates the product processor name from where the transaction has been originated. This field is as part of Header section (Source Code). This is only if the utilization has been done from an external product

Utilization status

Indicates the utilization status, possible values are A-Active, R-Reverse, L- Liquidated

Delete

Indicates whether the transaction is deleted or not. If the check box is selected then it is deleted.

Liability Currency

Specifies the liability currency.

Liability utilization

Indicates the liability utilization amount.

2.9 About Approval By Email

An automated e-mail with transaction details (breach) to be sent to checker (dual authorization) on utilization transaction/overall utilization breaching the signified values to authorize the transaction.

- Approval by e-mail is applicable for breach tracking mechanism for:
 - Either main or child lines (Single Line)

- Both main and child lines
- You can configure approval by e-mail functionality for specific (usually high valued) transactions breach requiring authorization from select group of authorizers.
- This is also applicable when a utilization transaction updates the main line and requires checker's approval (dual authorization) based on the configuration.
- Checker can approve/reject the transaction on e-mail by giving comments
 - On approval, transaction is authorized and is in completed queue of maker.
 - On rejection, transaction is rejected and is in pending queue of maker.
- E-mail is sent to user attached to role with the e-mail id maintained in 'User Maintenance' (SSDUSRDF) screen.

2.9.1 Approval By Email - Breach Tracking Mechanism

The following are common scenarios that happens for breach tracking mechanism.

- Assign multiple roles to the same queue to enable dual authorization for a particular transaction within a particular amount range by users belonging to different roles.
 - Email approval is triggered for all the users attached to multiple roles.
- Even for auto auth user, breach transaction has to go for dual auth.
 - Email Approval is triggered to multiple authorizers (as configured) and subsequent behaviour similar to breach functionality.
- Single utilization transaction can result in 4 dual auth – 2 for exception transaction breach and 2 for exception percentage breach, that is for main line and child line separately.
 - Number of email approvals triggered is 4, triggered to all the users assigned to roles in queue maintenance.

2.9.1.1 Either main or child line (Single Line)

1. If multiple authorizers belonging to different role are involved based on amounts configured for different queues.
 - Email approval is triggered for multiple authorizers belonging to different roles (as per the configuration)
2. If either 'Exception Transaction Amount' and 'Exception Breach Percentage' is configured and assigned to multiple users for dual auth.
 - Assume Queue 1 is configured to handle either 'Exception Transaction Amount' or 'Exception Breach Percentage'.
 - Email Approval is triggered to all the users attached to roles of Queue1 (amount or percentage).
 - System considers the first response (either 'Approved or 'Rejected') within the users of Queue 1 to authorize the transaction.
 - Based on the first response received within Queue1 either 'Approved' or 'Rejected'.
 - System send an intimation mail to other users in Queue 1 about the approval or rejection.
 - Any further response is ignored and removed from the Queue1
 - System either authorizes (for approved) or reject (for rejected) the utilization transaction.
3. If both the breach dual authorization (amount and percentage) transactions are approved by multiple authorizer involved transaction.
 - Assume Queue 1 is configured to handle 'Exception Transaction Amount' and Queue 2 for 'Exception Breach Percentage'.

- Email Approval is triggered to all the users attached to roles of different queues (Queue 1 and Queue 2) for both amount and percentage.
- System considers the first response within the users of an individual queue (Queue 1 and Queue 2) to authorize the transaction.
- Approve/Reject response can be triggered in any of the queues irrespective of each other.
 - The first response from either queue is stored and wait for the response from other one.
- System considers the 'Approved'/'Reject' response from both queues (Queue1 and Queue 2) to authorize/reject the utilization transaction.
- Assuming the first response received within Queue 1 is 'Approved'.
 - System sends intimation mail to other users in Queue 1 about the approval.
 - Any further response is ignored and removed from the Queue 1
 - System waits for other response of other queue (Queue 2) before authorizing the utilization transaction.
- Assuming the first response received within Queue 2 is also 'Approved'
 - System send an intimation mail to other users in Queue 2 about the approval.
 - Any further response is ignored and removed from the Queue 2
- Since Queue 2 response is also 'Approved', the system then authorizes the utilization transaction.

2.9.1.2 Both main and child lines

1. If exception transaction is given both at child and main line level
 - Email Approval is triggered as per the respective configuration for main and child lines
 - Approve/Reject response can be triggered in any of the queues irrespective of each other.
 - The first response from either queue is stored and wait for the response from other one.
2. If same role authorizer gets dual auth transactions for both main and child facilities and if both the transactions are approved
 - Assume Queue 1 is configured to handle Exception for main line and Queue2 for Exception handling of child line (both for Amount and percentage).
 - Email approval is triggered to the all the users (including same role authorizer) attached different queues (Queue1 and Queue 2) for both main and child lines (both amount and percentage).
 - Approve/Reject response can be triggered in any of the queues irrespective of each other.
 - The first response from either queue is stored and wait for the response from other one.
 - System considers the 'Approved'/'Reject' response from both main line (Queue 1) and child line (Queue2) to authorize/reject the utilization transaction.
 - Assuming the first response received within Queue1 for main line is 'Approved'.
 - System sends and intimation mail to other users in Queue1 about the approval.
 - Any further response is ignored and removed from the Queue 1
 - System waits for other response of other queue (Queue 2) before authorizing the utilization transaction.
 - Assuming the first response received within Queue 2 is also 'Approved'
 - System sends an intimation mail to other users in Queue 2 about the approval.

- Any further response is ignored and removed from the Queue 2.
 - Since Queue 2 response is also 'Approved', system then authorizes the utilization transaction in both main and child lines.
3. If same role authorizer gets dual auth transactions for both main and child facilities and if one of the transaction is approved and the other is rejected, then the entire transaction should be rejected.
- Assume Queue 1 is configured to handle Exception for main line and Queue2 for Exception handling of child line (both for Amount and percentage).
 - Email Approval is triggered to the all the users (including same role authorizer) attached different queues (Queue1 and Queue2) for both main and child lines (both amount and percentage).
 - Approve/Reject response can be triggered in any of the queues irrespective of each other.
 - The first response from either queue is stored and wait for the response from other one.
 - System considers the 'Approved'/'Reject' response from both main line (Queue 1) and child line (Queue2) to authorize/reject the utilization transaction.
 - Assuming the first response received within Queue 1 for main line is 'Approved'.
 - System sends an intimation mail to other users in Queue 1 about the approval.
 - Any further response is ignored and removed from the Queue 1
 - System waits for other response of other queue (Queue 2) before authorizing the utilization transaction.
 - Assuming the first response received within Queue 2 is 'Reject'
 - System sends an intimation mail to other users in Queue2 about the rejection.
 - Any further response sends ignored and removed from the Queue2.
 - Since Queue 2 response is 'Reject', system rejects the utilization transaction in both main and child lines.
 - When different branches involved in utilization transaction – main line in one branch and child line in a different branch, appropriate branch/category combination configuration is considered.
 - Email approval is triggered to multiple authorizers (as configured) and subsequent behaviour similar to breach functionality.
 - If dual authorization of breach transaction pertaining to child and main lines goes two different users, then the transaction will not get approved till both the transaction are approved. If multiple users are attached to a role configured for receiving email, all of them will get email for dual authorization approval. If one of them approves, then the transaction goes through. However, if one of them rejects, other users will be informed appropriately by e-mail.

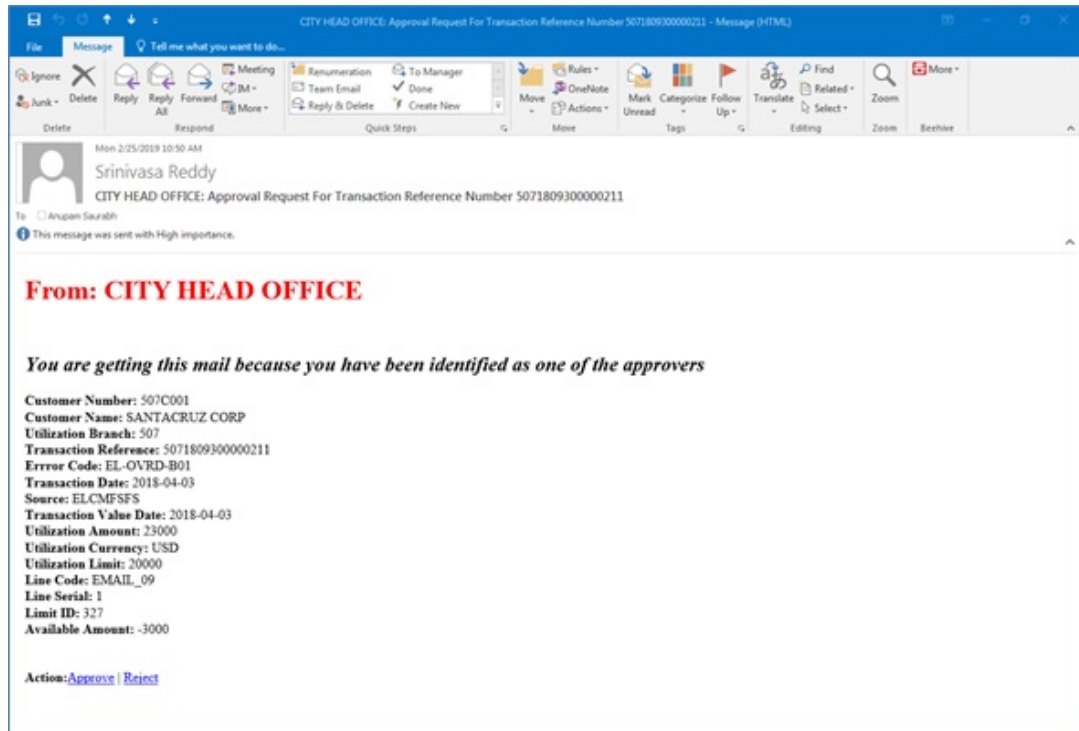
2.9.2 **Approval By Email format**

This section contains the following topics:

- [Section 2.9.2.1, "Email Format to the Approvers"](#)
- [Section 2.9.2.2, "Reply Format by the Approvers/checkers"](#)
- [Section 2.9.2.3, "Intimation Mail Format"](#)

2.9.2.1 **Email Format to the Approvers**

The below mentioned is an example that is associated with the transaction and assists in decision making. The fields are all display fields and cannot be edited in the email. Only 'Approve' or 'Reject' for authorization of the breached transaction is allowed.



- Customer Number -Indicates the Customer Number of the utilization transaction
- Customer Name - Indicates the Customer Number of the utilization transaction
- Utilization Branch - Indicates the transaction branch.
- Error Code - Indicates the error code of the transaction.
- Transaction Date - Indicates the date and time when the transaction is entered in system.
- Transaction Value Date - Indicates the value date of the transaction
- Utilization Amount - Indicates the Utilization Amount.
- Utilization Currency - Indicates the currency of the utilization transaction
- Line Code - Indicates the facility code of the utilization transaction

2.9.2.2 Reply Format by the Approvers/checkers

This e-mail has basic transaction details and override information. On click of Approve/Reject, the below screen is displayed. Checker can enter the comments in curly brackets {} and click 'Send'

CITY HEAD OFFICE: Approval Request For Transaction Reference Number 0001809300000026 - Message (HTML)

To: srinivasa.v.reddy@oracle.com

Subject: CITY HEAD OFFICE: Approval Request For Transaction Reference Number 0001809300000026

Add comments by editing the text between the brackets in 'Comments' section

Comments : (your comments maximum 256 characters)

-----Do not edit below this line-----

Approve: [NID] YV6TWK2DBAjqLqzNTE2t+V53bP4/ZwcuYwmehrlIAZk: [NID]

2.9.2.3 Intimation Mail Format

If transaction is already authorized or rejected then an intimation e-mail is sent to other users (checker) of the queue. It is also sent if the transaction has been approved/rejected from GEDDAUTH screen.

CITY HEAD OFFICE: Approval Request For Transaction Reference Number 0001809300000026 - Message (HTML)

From: Srinivasa Reddy

Subject: CITY HEAD OFFICE: Approval Request For Transaction Reference Number 0001809300000026

This message was sent with High importance.

From : CITY HEAD OFFICE

You are getting this Email because the transaction is already approved/rejected by another approver.

Transaction 0001809300000026 is already approved/rejected by SRINIVAS2

2.9.3 Approval By Email Status

You can invoke the 'Approval By Email Status' screen by typing 'GESEMQUE' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

Approval By Email Status

Save Export Refresh Reset Clear All Details

Case Sensitive

Customer No 510C0001 Liability No Utilization ID Line Code Error Code Transaction Type Assigned To Approval Status

Records per page 15 1 Of ... Go Lock Columns 0

	Branch Code	Customer No	Liability No	Utilization ID	Line Code	Error Code	Transaction Type	Email Reference Number	Transacti
☐	506	510C0001	510C0001	5101919200000208	MAINLINE6	EL-OVRD-E01	U		2019-07-11
☐	506	510C0001	510C0001	5101919200000208	MAINLINE6	EL-OVRD-E01	U		2019-07-11
☐	506	510C0001	510C0001	5101919200000208	MAINLINE6	EL-OVRD-E01	U		2019-07-11
☐	510	510C0001	510C0001	5101907500000007	510_002	EL-OVRD-E01	U	1	2019-03-16
☐	510	510C0001	510C0001	5101907500000009	510_002	EL-OVRD-E01	U	2	2019-03-16
☐	510	510C0001	510C0001	5101907500000013	510_002	EL-OVRD-E01	U	3	2019-03-16
☐	510	510C0001	510C0001	5101907500000016	510_002	EL-OVRD-E01	U	4	2019-03-16
☐	510	510C0001	510C0001	5101907500000018	510_002	EL-OVRD-E01	U		2019-03-16
☐	510	510C0001	510C0001	5101907500000018	510_002	EL-OVRD-E01	U	6	2019-03-16
☐	510	510C0001	510C0001	5101907500000020	510_002	EL-OVRD-E01	U		2019-03-16

Exit

You can search for the records based on one or more of the following parameters:

- Customer No
- Utilization ID
- Error Code
- Assigned To
- Liability No
- Line Code
- Transaction Type
- Approval Status

Once you have specified the search criteria, click 'Search' button. The system displays the following details that match the filter criteria.

- Branch Code - Indicates the Branch Code.
- Customer No - Indicates the Customer No
- Liability No - Indicates the Liability No
- Utilization ID - Indicates the utilization transaction ID that led to breach.
- Line Code - Indicates the facility code of the utilization transaction.
- Error Code - Indicates the error code of the transaction
- Transaction Type - Indicates whether the transaction is 'Authorized' or 'Unauthorized'.
- Email Reference Number - Indicates Email reference number.
- Transaction Date - Indicates the transaction date.
- Source Code - Indicates the product processor name from where the transaction has been originated
- Exception Queue - Indicates the exception queue
- Assigned To - Indicates to whom the transaction is assigned that is, checker Name
- Assignee Email - Indicates to whom the transaction is assigned that is, checker Email

- Approval Status - Indicates transaction is approved or rejected by the checker.
- Remarks - Indicates approved or rejected remarks of the transaction done by the checker.
- Approval Date- Indicates approved or rejected date of the transaction done by the checker
- Authorized - Indicates the transaction authorization status (Approved 'A' or Rejected 'R')
- Email Status - Indicates 'Y' or 'N'. If mail is sent to the checker or e-mail not sent
- Intimation Sent - Indicates 'Y' or 'N'. If intimation mail is sent to the remaining checker for that transaction or intimation mail not sent.

2.10 Facilities Amount Transfer Maintenance

Transfer of full or partial limit amounts from one facility to other within or across liabilities for certain periods is possible. It is also possible to close/cancel this transfer operation before a specified End Date.

Upon manual closure/cancellation or on automatic expiry, the system transfers the transferred amount back to the original line.

For the above functionality you must do the following maintenances.

Limit transfer details can be defined through the 'Facilities Amount Transfer Maintenance' screen. You can invoke the 'Facilities Amount Transfer Maintenance' screen by typing 'GEDTRANS' in the field at the top right corner of the Application tool bar and clicking the adjoining arrow button.

Facilities Amount Transfer Maintenance

New Enter Query

Branch *

Transfer Reference *

From Liability Details

From Liability Number *

From Liability Name

From Line *

From Line Serial

From Facility Currency

From Facility Amount

From Facility Available Amount

From Facility Start Date

From Facility End Date

To Liability Details

To Liability Number *

To Liab Name

To Line *

To Line Serial

To Facility Currency

To Facility Amount

To Facility Available Amount

To Facility Start Date

To Facility End Date

Transfer Amount

Transfer Amount *

Effective From Date * YYYY-MM-DD

Fields

Maker	Date Time:	Mod No	Record Status
Checker	Date Time:		Authorization Status

Exit

From Liability Number and To Liability Number

- Specify the 'From Liability No', that is, for whom the limit amount is to be transferred.
- Specify the 'To Liability No' that is, to whom the liability amount is allocated.

From Liability Name and To Liability Name

System defaults the names of the 'From Liability' and 'To Liability' when the 'From Liability Number' and 'To Liability Number' are chosen respectively.

From Line and To Line

- Specify the 'From Line' that is, the Line from which the line amount is transferred.
- Specify the 'To Line' that is, the Line to which the line amount is transferred to for a specified period.

From and To Facility Currencies

System defaults the names of the from facility currency and to facility currency when the 'From Line' & 'To Line' are chosen respectively. For effective line transfer from one line to another, the currency of both the lines has to be the same.

From Facility Start Date and End Date

System defaults the from facility start date and from facility end date when the 'From Line' is chosen. To Facility Start Date and End Date

System defaults the 'To Facility Start Date' and 'To Facility End Date' when the 'To Line' is chosen.

From Facility Available Amount and To Facility Available Amount

System defaults the 'From Facility Available Amount' and 'To Facility Available Amount' when the 'From Line' & 'To Line' are chosen respectively.

Effective From Date and Effective To Date

Specify the Effective From Date of transfer that is, the date from when the transfer of limits is effective.

Specify the Effective To Date of transfer that is, the date till when the transfer of limits is effective. This date must be greater than the Effective From Date

Transfer Amount

Specify the transfer amount to be transferred, from the 'From Line' to the 'To Line', from the 'Effective From Date' onwards.

For NRS lines, the transferred amount updates only the Available Amount. NRS Available amount does not get updated based on Facility Transfer.

2.11 Dual Authorization of Utilization Transaction

During Utilization Transaction process if the utilization amount crosses the breach amount specified, then the transaction requires dual authorization. Transactions which are breached can be authorized using UI Multi Auth screen. You can specify the facility maintenance breach amount and breach percentage in ELCM.

When the transaction amount entered is more than breach amount or percentage, during utilization process ELCM would flag dual authorized indicator and updates the dual authorization error code as part of response. If response from the ELCM contains dual authorization error code, then Oracle FLEXCUBE, logs the transaction details in dual authorization tables and processes it completely.

The authorization for the breached (dual auth) transactions are authorized using function ID 'GEDDAUTH' of ELCM.

However till the dual authorization happens Oracle FLEXCUBE, does not allow you to authorize the main transaction. You can also perform dual authorization using Oracle FLEXCUBE, screen, but system performs certain validations to ensure that Oracle FLEXCUBE, does not authorize the ELCM breach transactions.

Example

Assume that for liability 'TATA' line 'TATABILL' is created with below details. Limit amount - 10,000.00

Collateral amount - 0.00

Breach percentage - 110 (which is equal to 11,000) Breach amount - 15,000

The system calculated values: Available amount - 10,000.00

Utilized amount - 0

Assume that as part of BC, a contact line 'TATABILL' is linked. As part of the contact data input, when you link the line 'TATABILL' and press 'Save' button during transaction processing in ELCM, if the transaction requires dual authorization then the system displays this information to the user.

Till the dual authorization error code (breached transaction) is authorized in ELCM, Oracle FLEXCUBE does not allow the contact to be authorized. In case, if the breached transaction is rejected, then you have to delete the contact Information irrespective of whether the error code has been authorized or Contracts requiring multilevel authorization can be viewed using Oracle FLEXCUBE, function 'OVDAUDET'.

If you delete the dual authorization contract in Oracle FLEXCUBE, then the system deletes the contract details in Oracle FLEXCUBE and ELCM deletes the utilization ELCM.

Note

ELCM deletes the utilization transaction if any dual authorization error is not authorized and the system updates the status as 'Ignored' so that this information is not shown to the user. However if the error code is authorized, then this information is ignored.

2.12 Accounting Handoff Retry Summary

The 'Accounting Handoff Retry Summary' screen allows to view the summary of accounting handoff details of the facility. You can open a detailed screen using this Accounting Handoff Retry Summary screen and query the records based on the search criteria.

To launch this screen, type 'GESACTRY' in the field at the top right corner of the Application tool bar and click the adjoining arrow.

[illegible]

The system allows to retry handoff for the records which have not been handed off successfully, using 'Retry' or 'Retry All' option.

3. Annexure 1 - Value Dated Facility

3.1 Introduction

Oracle Banking ELCM provides a feature to maintain Facility details based on a particular value date. Oracle Banking ELCM also tracks all the Utilizations of the Facility based on the value date of the transaction.

Oracle Banking ELCM process all the utilization transaction as of book date.

- Tenor wise limits continue to be based on booking date
- Booking dated limit revaluation only is done
- Booking dated based overrides only is provided
- No validations based on the value dated balances are done
- Auto limits transfer / limits transfer are based on booking date

3.2 Value Date Based Facility Maintenance

Oracle Banking ELCM facilitates maintaining Facility details based on a particular value date. The following parameters are taken from the Facility Maintenance screen:

- Value date - The date in which the limit amount or main line was created or modified is captured here.
- Main Line Code - It is the main line that the Line reports to. It is validated that the main line in the Facilities maintenance (booking dated) is same as the main line in the latest record (value dated) in the maintenance.
- Limit Amount - The limit amount for the facility. It is validated that the limit amount in the Facilities maintenance (booking dated) is same as the limit amount in the latest record (value dated) in the maintenance.

Whenever a new Limit Line is created, a new record is automatically created by the system with the value date as the Limit Start Date. The Main Line and the Limit Amount are same as the booking dated limit maintenance.

Whenever the Mainline or the Limit amount is changed in the facility, a new record is created in the maintenance with value date as the application date. The mainline and limit amount values are same as in the booking dated Limits maintenance. You can view these details by clicking 'Value Date' button.

3.2.1 Value Date Based Utilization Processing

Oracle Banking ELCM also tracks all the utilizations of the facility based on the value date of the transaction. The following transactions are supported for Value dated processing:

- New utilization
- Increase utilization
- Decrease utilization
- Alter utilization

As part of the above utilization transactions, the Value Date is the value date of the transaction. Updating of value dated utilization can be set to be online or to be a part of EOD process. This parameter is maintained in Oracle Banking ELCM Parameter Maintenance.

- If the parameter is set to update Value Date online, then during the transaction process the Value Date utilization details are updated online. Otherwise, it is updated during EOD process.
- In the case of main lines, the system identifies all the sub lines linked and track the utilization. This utilization is tracked in addition to the contracts that are directly linked to the main line.

Refer Annexure – 1 for more details on Utilization Transactions.

3.2.2 **EOD Processing**

If the value date update is not online, but as part of Facility EOD process, it would be updated as shown in the following examples.

Example,

Let us consider a Loan of 1 Million USD. Value date 10-Jan-2005 Revolving Line

Step 1: Initiation - Utilization Log

Serial no	Value date	Line code	Utilization	Component	Increase/Decrease
1	10-Jan-05	LINE 1	1000000	PRINCIPAL	Increase

Line Utilization

Serial no	Value date	Line code	Utilization
1	10-Jan-05	LINE 1	1000000

Step 2: Payment of 0.1M Principal value date 10-Feb-2005 - Utilization Log

Serial no	Value date	Line code	Utilization	Component	Increase/Decrease
1	10-Jan-05	LINE 1	1000000	PRINCIPAL	Increase
2	10-Feb-05	LINE 1	100000	PRINCIPAL	Decrease

Line Utilization

Serial no	Value date	Line code	Utilization
1	10-Jan-05	LINE 1	1000000
2	10-Feb-05	LINE1	900000

Step 3: Value dated amendment of 0.5M Principal increase value date 15-Feb-2005 - Utilization Log

S.no	Value date	Line code	Utilization	Component	Increase/Decrease
1	10-Jan-05	LINE1	1000000	PRINCIPAL	Increase
2	10-Feb-05	LINE1	100000	PRINCIPAL	Decrease
3	15-Feb-05	LINE1	500000	PRINCIPAL	Increase

Line Utilization

Serial no	Value date	Line code	Utilization
1	10-Jan-05	LINE 1	1000000
2	10-Feb-05	LINE1	900000
3	15-Feb-05	LINE1	1400000

Step 4: Payment of 0.2M value date 10-Mar-2005 - Utilization Log

S.no	Value date	Line date	Utilization	Component	Increase/Decrease
1	10-Jan-05	LINE1	1000000	PRINCIPAL	Increase
2	10-Feb-05	LINE1	100000	PRINCIPAL	Decrease
3	15-Feb-05	LINE1	500000	PRINCIPAL	Increase
4	10-Mar-05	LINE1	20000	PRINCIPAL	Decrease

Line Utilization

S.No	Line code	Value date	Utilization
1	LINE1	10-Jan-05	1000000
2	LINE1	10-Feb-05	900000
3	LINE1	15-Feb-05	1400000
4	LINE1	10-Mar-05	1200000

Step 5: Reversal of Payment of 0.2M value date 10-Mar-2005 on 15-Mar-2005 - Utilization Log

S.no	Value date	Line date	Utilization	Component	Increase/Decrease
1	10-Jan-05	LINE1	1000000	PRINCIPAL	Increase
2	10-Feb-05	LINE1	100000	PRINCIPAL	Decrease
3	15-Feb-05	LINE1	500000	PRINCIPAL	Increase

S.no	Value date	Line date	Utilization	Component	Increase/ Decrease
4	10-Mar-05	LINE1	200000	PRINCIPAL	Decrease
5	10-Mar-05	LINE1	200000	PRINCIPAL	Increase

Line Utilization - Step 6 Liquidation of Contract Value date 10-Apr-2005 - Utilization Log

S.no	Value date	Line date	Utilization	Component	Increase/ Decrease
1	10-Jan-05	LINE1	1000000	PRINCIPAL	Increase
2	10-Feb-05	LINE1	100000	PRINCIPAL	Decrease
3	15-Feb-05	LINE1	500000	PRINCIPAL	Increase
4	10-Mar-05	LINE1	200000	PRINCIPAL	Decrease
5	10-Mar-05	LINE1	200000	PRINCIPAL	Increase
6	10-Apr-05	LINE1	1400000	PRINCIPAL	Decrease

Line Utilization

S.No	Line code	Value date	Utilization
1	LINE1	10-Jan-05	1000000
2	LINE1	10-Feb-05	900000
3	LINE1	15-Feb-05	1400000
4	LINE1	10-Mar-05	1400000
5	LINE1	10-Apr-05	0

4. Function ID Glossary

C

CYDCRATY 2-4

G

GEDACCNT 2-91

GEDBLOCK 2-93

GEDCOVTR 2-65

GEDDAUTH 2-114

GEDFACHT 2-71, 2-72

GEDFACTL 2-7

GEDFBLCK 2-95

GEDFCFPT 2-75

GEDFEVNT 2-23

GEDFMLCG 2-40

GEDFUTIL 2-101

GEDLNCOD 2-1

GEDQUEMN 2-109

GEDTAUTH 2-111

GESCOVTR 2-65

GESEMQUE 2-121

GESFACTL 2-68

GESFEEVW 2-91