

Oracle® Banking Trade Finance

Trade - Oracle Banking Corporate Lending Integration User Guide



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Preface

1.1 Introduction

This document is designed to help acquaint you with the integration among Oracle FLEXCUBE products namely; Oracle Banking Trade Finance (OBTF) and Oracle Banking Corporate Lending (OBCL).

Besides this user manual, while maintaining the interface related details, you can invoke the context sensitive help available for each field. This help describes the purpose of each field within a screen. You can obtain this information by placing the cursor on the relevant field and pressing the <F1> key on the keyboard.

1.2 Audience

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

Role	Function
Back office data entry Clerks	Input functions for maintenance related to the interface
Back office Managers/Officers	Authorization functions
End of day operators	Processing during end of day/ beginning of day.
Implementation Partners	Provide customization, configuration and implementation services.

1.3 Organization

This manual is organized into the following topics:

Topic	Description
Preface	This topic gives information on the intended audience. It also lists the various chapters covered in this User Manual.
Trade - Oracle Banking Corporate Lending Integration	This topic explains the integration between Oracle Banking Trade systems and Oracle Banking Corporate Lending.
Function ID Glossary	This topic has alphabetical listing of Function/ Screen ID's used in the module with page references for quick navigation.

1.4 Acronyms and Abbreviations

Abbreviation	Description
OBTF	Oracle Banking Trade Finance

Abbreviation	Description
OBCL	Oracle Banking Corporate Lending
OL	Oracle Lending
EOD	End Of Day
API	Application Programming Interface
GL	General Ledger
BC	Bills and Collections
System	Unless and otherwise specified, it always refers to Oracle Banking Trade Finance system

1.5 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

1.6 Related Information Sources

This user manual must be used in conjunction with the following Oracle Banking Trade Finance user manuals:

- Bills and Collections User Manual
- Letters of Credit User Manual

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Trade - Oracle Banking Corporate Lending Integration

The integration between Oracle Banking Trade Finance and Oracle Banking Corporate Lending enables banks to do the following:

- Loan processing during import bill liquidation with multi limit support
- Loan processing during shipping guarantee creation
- Loan processing during guarantee/SBLC claim settlement with multi limit support
- Linkage of packing credits in export bills with multi loan payment support
- Linking the loan to the bill

This topics contains the following sections:

- [Scope](#)
- [Prerequisites](#)
- [Integration Process](#)
- [Scope](#)
- [Prerequisites](#)
- [Integration Process](#)

2.1 Scope

This section contains the following topic:

- [Integration Scope](#)
- [Integration Scope](#)

2.1.1 Integration Scope

The following are the integration scope of Oracle Banking Trade Finance and Oracle Banking Corporate Lending:

- You can liquidate an import bill by taking loan. The loan is created in Oracle Banking Corporate Lending after Oracle Banking Trade Finance and saves and authorizes import bill liquidation request. The request and response of loan creation are logged in the staging table.
- You can create loan for shipping guarantee for products for which 'Collateral Funding by Loan' is enabled. The loan is created in OBCL and the details are logged in the staging table. The loan is created in OBCL once shipping guarantee is saved and authorized in OBTF.
- While creating export bills, you can request OBCL to liquidate the linked packing credit loan. On successful liquidation of packing credit loans, the bill will be authorized. Packing credit loans can be linked during purchase or discount of export bills or liquidation of export

collection bills. The payment request is posted in OBCL once export bill transaction is saved and authorized in OBTF.

- The bills which has 'Link to Loan' option enabled will be handed over to OBCL to create the loan and link the bill with the loan.
- Loan products which are exposed from OBCL will be available in OBTF to link in LC and BC product level.
- Oracle Lending products and contracts that are created or modified and interest components for loan products in OBCL will be exposed to OBTF through webservice.
- Loan processing request from OBTF will be send to OBCL during Guarantee Claim Settlement authorization.

2.2 Prerequisites

This section contains the following topics:

- [Prerequisites in Oracle Banking Trade Finance](#)
- [Prerequisites in Oracle Banking Corporate Lending](#)
- [Prerequisites in Oracle Banking Trade Finance](#)
- [Prerequisites in Oracle Banking Corporate Lending](#)

2.2.1 Prerequisites in Oracle Banking Trade Finance

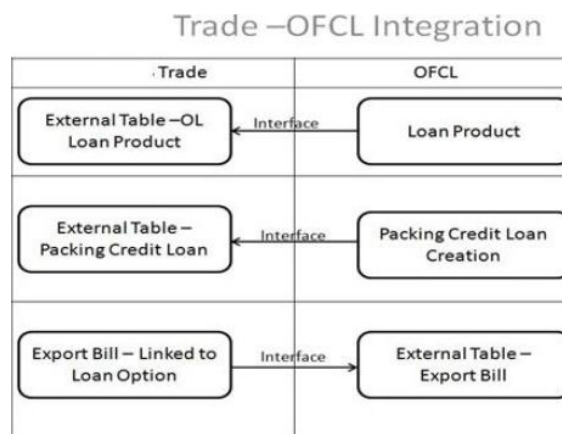
The prerequisites in OBTF for this integration are as follows:

- The parameter 'LOAN_PROCESSOR' in CSTB_PARAM should be 'E' (External) for OBTF to interface with OBCL.
- You have to maintain the following details in 'External System Maintenance' (**IFDTFEPM**) screen:
 - External System Type should be '**Loans**'
 - Bridge GL to be maintained in Inter System Bridge GL
 - Source System to be maintained
 - Read Timeout, Connection Timeout and Archival Days to be maintained
 - Service Code to be 'GenLoanMessage'
 - Service Name to be 'FCUBSOLService'
 - Web Service User Option should be 'Contract'
 - OL Web Service to be maintained in Web Service URL
- Import bill liquidation - Book bill by enabling 'Advance by Loan' check box in Bills and Collections Contract Input screen (**BCDTRONL**)
- Shipping guarantee creation - Enable '**Loan for Collateral**' flag in LC Product (**LCDPRMNT**) and LC Contract Input screen (**LCDTRONL**). You have to maintain split details in Split Settlement sub-screen in LC Contract Input screen (**LCDTRONL**)
- Packing credit - OL contracts with '**Packing Credit**' flag enabled will be available in OBTF. You can link packing credit loan to an export bill during purchase, discount or collection liquidation.
- Link to loan - Enable '**Link to Loan**' flag at BC Product (**BCDPRMNT**) level and BC Contract Input (**BCDTRONL**) and create the bill

2.2.2 Prerequisites in Oracle Banking Corporate Lending

The prerequisites in OL for this integration are as follows:

- An external system should be created for trade. The WSDL should be mapped to the external system in the IFDINPRM screen along with a user that is specifically created and used for the integration.
- Loan product enabled with 'Advance By Loan' option created in OBCL to be handed over to OBTF.
- Packing credit loan created in OBCL is handed over to OBTF. Outstanding amount to be updated in OBTF on payment, amendment or any other event that occurs in loan contract. In case of loan closure, the status has to be updated in OBTF.
- Export bill contract with 'Linked to Loan' option created in OBTF to be provided to OBCL.



2.3 Integration Process

This section contains the following topics:

- [Loan Creation during Import Bill Liquidation](#)
- [Loan Creation during Shipping Guarantee Creation](#)
- [Loan Creation during Guarantee Claim Settlements](#)
- [Linkage of Packing Credit Loan in Export Bills](#)
- [Link to a Loan](#)
- [OL Products and Contracts from OBCL to OBTF](#)
- [ELCM Limit Processing](#)
- [Job Processing](#)
- [Trade-OL Transaction Log](#)
- [Loan Creation during Import Bill Liquidation](#)
Import bills are created for products with 'Advance by Loan' option selected

- [Loan Creation during Shipping Guarantee Creation](#)
Loan as collateral is created for a Shipping Guarantee product if 'Collateral Funding by Loan' is checked. The following steps are performed while creating a loan as a collateral for shipping guarantee issuance.
- [Loan Creation during Guarantee Claim Settlements](#)
The request for loan processing will be sent to OBCL through web service during authorization of Guarantee Claim Settlement.
- [Linkage of Packing Credit Loan in Export Bills](#)
- [Link to a Loan](#)
- [OL Products and Contracts from OBCL to OBTF](#)
- [ELCM Limit Processing](#)
- [Job Processing](#)
- [Trade-OL Transaction Log](#)
This topic provides the systematic instructions to the trade-OL transaction log.

2.3.1 Loan Creation during Import Bill Liquidation

Import bills are created for products with 'Advance by Loan' option selected

Saving Import Bill Liquidation

During liquidation of import bills, partial or full liquidation, details for loan creation will be available in Loan Preference screen. The details should be maintained as below:

- $\text{Loan Amount} = \text{Bill liquidation amount} - \text{Cash collateral in Bills, Collateral from LC and available amount in settlement account}$ if 'Liquidate using Collateral' and 'Settle available Amount' flag are checked. If not, then $\text{Loan Amount} = \text{Liquidation Amount}$
- $\text{Loan currency} = \text{Local currency or Bill Currency}$
- $\text{Counterparty} = \text{Counterparty of the Import Bill}$
- $\text{Value date} = \text{Liquidation date}$
- $\text{Maturity date} = \text{Value Date} + \text{Tenor of loan product}$
- $\text{Interest rate} = \text{Defaulted from Loan Product screen}$
- $\text{Suspense GL} = \text{Bridge GL maintained at Import Bill product maintenance}$. Suspense GL in OBTF and OBCL should be the same
- Liability number will be defaulted from BC limits. Multiple liabilities attached to that customer will be listed in the LOV. User can modify the same.

BC Limits will be defaulted to Loan Preference and you can modify the same.

Authorizing Import Bill Liquidation

During manual bill liquidation authorization, if the limits are tracked in the bill, then request for limit de-utilization will be posted to ELCM with process status as 'U' (in STTB_TF_REQ_MASTER). If the de-utilization is successful then the process will be 'P'. Bill authorization can proceed only if de-utilization is successful.

If any dual authorization overrides are logged during save of bill liquidation, then authorization of bill liquidation will fail with error 'Contract Authorization possible only after authorizing the overrides'. You have to authorize the override manually and then proceed for authorization of bill liquidation.

Request for loan creation and authorization will be posted in intermediate store with the following details:

- Unique Queue Reference Numbers will be generated.
- User Id for Loan creation request to be 'SYSTEM'.
- User Id for loan authorization request to be Bill liquidation authorization user Id. Bill authorization user logged in Queue table will be provided in Loan authorization request.
- Status of Loan creation request will be based on limit tracking in Bills.
- If Bill is booked with Limit Tracking, status of loan creation request to be 'Pending'. Once limit de-utilization is successful, status will be changed from 'Pending' to 'Unprocessed'.
- If Bill is booked without Limit Tracking, status of loan creation request to be 'Unprocessed'.
- Status of Loan authorization request will be 'Hold'.

If loan processing has failed and the user tries to authorize, the system displays an error message.

If Loan authorization has failed due to rejection of Credit Exception, manual authorization can be initiated again.

Deleting Import Bill Liquidation

If 'External Loan Request Status' is 'Unprocessed' then you cannot delete the bill. If 'External Loan Request Status' is 'Failed', then you can delete the bill. On successful Bill deletion entries from staging tables will be moved to History tables.

- [Product Maintenance](#)
This topic provides the systematic instructions to maintain the loan product in the Bills and Collections Product Definition (BCDPRMNT) screen.
- [Loan Preferences](#)
This topic provides the systematic instructions to load loan preferences.
- [Import Bill Processing](#)

2.3.1.1 Product Maintenance

This topic provides the systematic instructions to maintain the loan product in the Bills and Collections Product Definition (BCDPRMNT) screen.

You have to maintain the loan product in the Bills and Collections Product Definition screen.

Specify the **User ID** and **User ID**, and login to Homepage.

1. On the Homepage, type **BCDPRMNT** in the text box, and click the next arrow.

The loan products are displayed in '**Loan Product**' option in '**Loan Preferences for Import Bills in Preferences**' section.

The screenshot shows the 'Bills' configuration window with the following sections:

- Product Code** and **Product Description** fields at the top.
- Main** tab selected.
- Limits Monitoring** section:
 - Track Accrued Amounts: ☐
 - Track Bill Amount For Discounted Bill: ☐
 - Limits Tenor Calculation Type: Rolling
- Batch Processing** section:
 - Auto Change From Acceptance To Advance on Maturity: ☐
 - Auto Liquidate BC Contracts: ☐
 - Auto Liquidation Retry Count:
 - Verify Funds: ☐
 - Auto Status Change: ☐
 - Upload Security: ☐
- Past Due Reckoning** section:
 - By Goods Arrival Date: ☐
 - Days After Goods Arrival:
- INCO Term** field with a search icon.
- Liquidate Using Collateral**: ☐
- Transfer Collateral from LC**: ☐
- Auto Closure Details** section:
 - Threshold Currency:
 - Threshold Amount:
 - Threshold Percentage:
 - Auto Closure Value:
- Rekey Requirements** section:
 - Rekey Required: ☐ Yes, ☒ No
 - Amount: ☐
 - Currency: ☐
 - Customer: ☐
 - Value Date: ☐
- Loan Preferences for Import Bills** section:
 - Advance By Loan: ☐
 - Loan Product:
 - Suspense General Ledger:
- Acceptance Commission Preferences** section:
 - Interest Component:
 - Acceptance Components To Be Collected In: ☒ Advance, ☐ Arrears
- Pay Due Advice** section:
 - Notice Days:
 - ☒ Before, ☐ After Days With New
- Exit** and **Save** buttons at the bottom right.

- On **Loan Preferences for Import Bills** section, specify the field.

For information on fields, refer to [Table 2-1](#):

Table 2-1 Loan Preferences for Import Bills - Field Description

Field	Description
Advance by Loan	Check this box to create import bill.
Loan Product	Specify the loan product. Alternatively, you can select the loan product from the option list. The list displays all valid options maintained in OBTF and OBCL. If 'LOAN_PROCESSOR' in CSTB_APARM is 'E', then the system will interface with OBCL. The Loan Product option list will fetch only OL products. If the parameter value is 'I' (Internal), system will continue with CL Module. Inter System Bridge GL configured for External System Type 'Loans' to be available in Suspense General Ledger option list.

2.3.1.2 Loan Preferences

This topic provides the systematic instructions to load loan preferences.

You have to maintain the loan product in the contract screen also. The system supports multi limits for loan processing.

Specify the **User ID** and **User ID**, and login to Homepage.

- On the Homepage, type **BCDTRONL** in the text box, and click the next arrow.

- On **Bills and Collections Contract Input** screen, click '**Loan Preference**' link to load **Loan or Finance Preference** screen.

The **Loan or Finance Preference** screen is displayed.

- On **Loan or Finance Preference** screen, specify the field.

For information on fields, refer to [Table 2-3](#):

Table 2-2 Loan or Finance Preference -Field Description

Field	Description
Product	Specify the product code. Alternatively, you can select the product code from the option list. The list displays all valid options maintained in OBTF and OBCL.

2.3.1.3 Import Bill Processing

You can view the status of loan request in '**External Loan Request Status**' field in the '**Details**' tab of this screen.

Bills and Collection Contract Detailed



New Enter Query

Acknowledgement
Reference Number

Product Code



Contract Reference *

Operation



Stage

Final

> Additional Details

Main

Details

Additional

Parties

Assignee Details

Documents

Goods

Exception

Discrepancies

Rollover

Drafts

Insurance

Invoice

Fi >

Interest Details

From Date

MM/DD/YYYY



To Date

MM/DD/YYYY



Grace Days

Allow Prepayment



Refund Interest



Recovery Interest Rate

Recovery Interest Rate
Code

Acceptance Commission Details

From Date

MM/DD/YYYY



To Date

MM/DD/YYYY



Cash Collateral Details

Collateral Description



Collateral Currency



Collateral Amount

Transferred Collateral
AmountOutstanding Collateral
Amount

Transfer Collateral from LC



Liquidate Using Collateral



Charge Details

Pass Our Charges to
Drawee / DrawerPass Interest to Drawee /
Drawer

Our Charges Refused



Your Charges Refused



Claim Advice in Swift



Template ID



Ancillary Message



Ancillary Message Function



Document Details

Customer Dispatch



Letter Dated

MM/DD/YYYY

Document Original
ReceivedDocument Duplicate
ReceivedAcknowledgement
Received

Acknowledgement Date

MM/DD/YYYY



Other Details

Collect LC Advising
Charges From

Further Identification



Cheque Number

Parent Contract Reference

Loan Contract Reference

External Loan Request
Status

Provision Amount

Remarks

Contract Status Details

Status As of Date

User Defined Status



Contract Derived Status

Sanction Check Status



Last Sanction Check Date

Events

Advices/FFT

Settlement

Split Settlement

Collateral

Interest

Charges

Tax

Import License

MIS

Loan Preference

Draft

Audit

Cancel

2.3.2 Loan Creation during Shipping Guarantee Creation

Loan as collateral is created for a Shipping Guarantee product if 'Collateral Funding by Loan' is checked. The following steps are performed while creating a loan as a collateral for shipping guarantee issuance.

Saving Shipping Guarantee Creation

- During creation of shipping guarantee, the following details should be maintained for loan creation:
 - Branch Code - Branch code of the account
 - Loan Product - Loan product for which shipping guarantee has to be created
 - Loan Amount - Amount provided in Split Settlement for loan creation
 - Loan Currency - Local currency (or) Contract Currency to be maintained
 - Counterparty - Counterparty of the shipping guarantee
 - Value Date - Issue date of shipping guarantee
 - Maturity Date - Issue date of shipping guarantee + tenor of loan product
 - Suspense GL - The Bridge GL maintained at shipping guarantee product maintenance. Suspense GL in OBTF and OBCL should be the same.
 - Interest components will be defaulted in UDE Details
 - Rate Code will be available for Fixed Rate type and it can be modified. If Rate Code is not available, Interest rate can be provided in UDE Value. Interest Rate should not be negative.
 - Floating Rate Type - The system defaults Usage. You can modify it.

Authorizing Shipping Guarantee Creation

Shipping Guarantee authorization will fail if there are any dual authorization overrides and system will display an error message. User has to authorize the override manually and then proceed for authorization of shipping guarantee.

Loan creation and loan authorization requests will be posted in intermediate store with the following details:

- User ID for Loan creation request will be posted as '**SYSTEM**'
- User ID for Loan authorization request will be posted as Shipping Guarantee authorization user.
- Status of Loan creation request will be '**Unprocessed**'.
- Status of Loan authorization request will be '**Hold**'

The 'External Loan Request Status' in LCDTRONL will be updated as '**Unprocessed**'. If you try to delete, modify or authorize the Shipping Guarantee, the system displays an error message.

- On receiving success response, if you try to delete the shipping guarantee, the system displays an error message as the loan is authorized.
- In case of failure response, you have to manually delete the shipping guarantee.

- [Product Maintenance](#)
This topic provides the systematic instructions to load product preferences.
- [Loan Preferences](#)
This topic provides the systematic instructions to load loan preferences.
- [Shipping Guarantee Processing](#)

2.3.2.1 Product Maintenance

This topic provides the systematic instructions to load product preferences.

Specify the **User ID** and **User ID**, and login to Homepage.

1. On the Homepage, type **LCDPRMNT** in the text box, and click the next arrow.
The **Letters of Credit Product Preferences** screen is displayed.

Letters of Credit Product Preferences

Preferences

Product Code

Description

Tenor (In Days)

Standard

Minimum

Maximum

INCO Term

INCO Term

Tolerance

Positive

Negative

Commission

Collection

Advance

Calculation

Periodic

Retrospective

Start Date

Issue Date

Include To Date

Collection Period in Actual days

Cash Collateral

Percentage

Limits Tenor Calculation Type

Fixed

Rolling

Rekey Requirements

Rekey Requirements

Yes

No

Amount

Currency

Customers

Value Date

Expiry Date

Total Paid

Exchange Rate

Default Rate Type

Override Limit *

Stop Limit *

Expiry Advice

Expiry Advice

Before

After Days With New Values Required

Required

Notice Days

Draft Tenor (In Days)

Minimum

Maximum

Period of Presentation

Calculated Days

No of Days

LIFO/FIFO Rule

LIFO

FIFO

Closure Advice

Closure Advice

Before

After Days With New Values Required

Required

Notice Days

Accrual

Frequency

Monthly

Month

Day

Confirmation

Required

Partial Confirmation Allowed

Closure Days

Closure Days

30

Prepayment

Allow Prepay

Applicable Rule

Applicable Rule

Rule Narrative

Applicable Rule For Reimbursement

External Pricing

External Charge

Product Restriction

Branch Restrictions

Disallowed

Allowed

Currency Restrictions

Disallowed

Allowed

Categories List

Disallowed

Allowed

Charge Claim Advice

Claim Advice in Swift

Loan

Loan

Loan Product

Loan Bridge GL

Collateral Transfer Bridge

Exchange Rate for CLIQ

Exchange Rate

Previous Rate

Current Rate

Sanction Check

Sanction Check Required

Rate Code

Rate Code

Middle Rate

Buy/Sell Rate

Status

Auto Status Control

Claim Details

Claim Days

Sanction Check

Exit

Save

- On **Letters of Credit Product Preferences** screen, specify the field.
For information on fields, refer to [Table 2-3](#):

Table 2-3 Letters of Credit Product Preferences - Field Description

Field	Description
Collateral Funding by Loan	Check this box to create loan for shipping guarantee.
Loan Product	Specify the loan product. Alternatively, you can select the loan product from the option list. The list displays all valid options maintained in OBTF and OBCL.

2.3.2.2 Loan Preferences

This topic provides the systematic instructions to load loan preferences.

Specify the **User ID** and **User ID**, and login to Homepage.

1. On the Homepage, type **LCDTRONL** in the text box, and click the next arrow.
2. On **Letter of Credit Contract Input**, click '**Loan Preference**' button to load '**Loan or Finance Preference**' screen.

The **Loan or Finance Preference** screen is displayed.

3. On **Loan or Finance Preference** screen, specify the field.

For information on fields, refer to [Table 2-4](#):

Table 2-4 Loan or Finance Preference - Field Description

Field	Description
Product	Specify the product code. Alternatively, you can select the product code from the option list. The list displays all valid options maintained in OBTF and OBCL.

2.3.2.3 Shipping Guarantee Processing

You can view the status of loan request in '**External Loan Request Status**' field in the '**Main**' tab of this screen.

Letters Of Credit Contract Detailed

New Enter Query

Main Preferences Parties Assignee Details Parties Limits Shipment Goods Documents Tracers Advices

LC Details

Currency * Customer *

Language * Customer Name

Contract Amount * Party Type *

Amount In Local Currency Dated

Positive Tolerance Customer Reference

Negative Tolerance License Expiry Date

Max Amount Outstanding Amount

Liability Tolerance Outstanding Liability

Liability Amount

Tolerance Text

Issue Date

Effective Date

Tenor

Expiry Date

Expiry Place

Auto Closure ☐

Closure Date

Stop Date

Pre-Advice Date

Reference to Pre advice

Credit

Type

Mode

Credit Available With

Details

Reimbursement Undertaking

Undertaking Expiry Date

Undertaking Amount

Availed Undertaking Amount

Revolving Detail

Revolves In

Units

Frequency

Automatic Reinstatement ☐

Cumulative ☐

Next Reinstatement Date

Remarks

Default

Loan for Collateral ☐

External Loan Request Status

Partial Closure ☐

Drafts Commission Charges Settlement Tax Collateral Events Linkage Details Fields MIS Transfer Details BC Linkages > Audit Exit

2.3.3 Loan Creation during Guarantee Claim Settlements

The request for loan processing will be sent to OBCL through web service during authorization of Guarantee Claim Settlement.

Saving Guarantee Claim Settlement Creation

When Claim Settlement is done for a guarantee contract created with Claim Settlement by Loan option, then the following details for loan creation will be defaulted in Loan Preference screen:

- Loan amount will be the amount provided in split settlement for loan creation.
- Loan Currency: Loan Currency to be local currency or Contract currency.
- Counter Party: Counterparty of the Guarantee.
- Value Date: Value date to be Claim Payment Date.
- Maturity Date: Maturity Date to be Claim Payment Date+ tenor of loan product.
- Suspense GL: Suspense GL will be the Bridge GL maintained at Guarantee product maintenance. Suspense GL in OBTF and OBCL should be the same. This should be operationally controlled.
- Interest components will be defaulted in UDE details. Interest type can be Fixed or Floating.
- Rate Code will be defaulted for Floating Rate Type.
- Liability number will be defaulted from BC limits. Multiple liabilities attached to that customer will be listed in the LOV. User can modify the same.

Authorizing Guarantee Claim Settlement Creation

Claim Settlement Authorization will fail if there are any dual authorization overrides and system displays an error message. You can authorize the override manually and then proceed for authorization of Claim Settlement.

Loan creation and authorization requests will be posted in intermediate store with the following details:

- Claim Settlement with Limits - Status of Loan creation request will be '**Pending**'.
- Claim Settlement without Limits - Status of Loan creation request will be '**Unprocessed**'.
- Status of Loan authorization request will be '**Hold**'.

The '**External Loan request Status**' in LCDGCLP will be updated as '**Unprocessed**'. If you try to delete, modify or authorize the Claim Settlement, the system displays an error message.

Limits utilized during Guarantee Issuance and/or Amendment will be de-utilized to the extent of the claim amount while settling the claim.

Liability amount and/or available amount will be reduced to the extent of claim amount upon settlement.

- [Loan Processing](#)

2.3.3.1 Loan Processing

When a loan creation request is sent to OBCL through web service, the loan will be created and saved. You can process loan creation requests with multi limits.

If loan authorization is successful, External Loan Request Status will be '**Processed**' and if authorization is failed then the status will be '**Failed**'.

If loan deletion request is sent, OBCL will process the same and responses will be send to OBTF. On successful loan deletion, underlying Claim Settlement will be deleted.

The loan which is created and unauthorized from OBTF, will not be allowed to modify, delete and authorize manually in OBCL.

2.3.4 Linkage of Packing Credit Loan in Export Bills

The following steps are performed while processing the export bill with packing credit loan attached.

- Packing credit loans created in OBCL is provided to OBTF.
- Packing credit loans can be linked during purchase or discount of Export Bills / Liquidation of Export Collection Bills.
- Multiple Packing Credit Loans can be linked to a bill. Sum of linked loan amount should not be greater than the purchase amount. You can attach multiple loans for packing credit loan.
- On Save and Authorize of Export Bill, request to liquidate multiple Packing Credit Loan is logged in staging table and related accounting entries are posted.
- You can view the status of loan request processing in 'External Loan Request Status' field in Bills and Collections Contract Input screen.
- System posts the multi loan payment request to OBCL and the responses are sent to OBTF. The successful payments are auto-authorized.

- On successful loan liquidation and authorization, the system authorizes the bill automatically.
- In case of failure response you have to manually delete the operation.
- [Link Packing Credit Loans in the Contract](#)
This topic provides the systematic instructions to link packing credit loans in the contract.

2.3.4.1 Link Packing Credit Loans in the Contract

This topic provides the systematic instructions to link packing credit loans in the contract.

Specify the **User ID** and **User ID**, and login to Homepage.

1. On the Homepage, type **BCDTRONL** in the text box, and click the next arrow.
2. In **Bills and Collections Contract Detailed** screen, click **Packing Credit** tab.

Packing credit loans can be linked during purchase or discount of Export Bills /Liquidation of Export Collection Bills.

The **Bills and Collections Contract Detailed** screen with **Packing Credit** tab is displayed.

3. On **Packing Credit** tab, specify the required fields.

For information on fields, refer to [Table 2-5](#):

Table 2-5 Packing Credit - Field Description

Field	Description
Loan Account Number	Specify the loan account number. Alternatively, you can select the loan account number from the option list. The list displays all valid options maintained in both OBTF and OBCL.

2.3.5 Link to a Loan

The following steps are performed while linking a loan.

- Export Bill products created in OBTF with 'Link to Loan' option selected is provided to OBCL.
- During loan creation in OBCL, export bills should be allowed for linkage. On successful linkage of export bill in OBCL, request will be sent to OBTF to trigger BLNK event for the bill.
- During Reversal of Loan in OBCL, request will be sent to OBTF to trigger BLRV event.
- You can settle the loan in OBCL before liquidation of the bill.
- On liquidation of bill in OBTF, request will be sent to OBCL to update Bill due amount.
- In OBCL, value date of the loan cannot be less than Bill value date and cannot be greater than Bill maturity date.
- The sum total of all loan amount financed must be greater than Bill Outstanding Amount. Export Bills contract should be created for the products with Link to Loan as 'Y' and it should be provided to OBCL. You can access Link to Loan in OBTF through external option list.

Bills

Product Code Product Description

Main Interest and Charge Details

Limits Monitoring

Track Accrued Amounts ☐

Track Bill Amount For Discounted Bill ☐

Limits Tenor Calculation Type

Batch Processing

Auto Change From Acceptance To Advance on Maturity ☐

Auto Liquidate BC Contracts ☐

Auto Liquidation Retry Count

Verify Funds ☐

Auto Status Change ☐

Upload Security ☐

Past Due Reckoning

By Goods Arrival Date ☐

Days After Goods Arrival

Auto Closure Details

Threshold Currency

Threshold Amount

Threshold Percentage

Auto Closure Value

Rekey Requirements

Rekey Required ☐ Yes ☒ No

Amount ☐

Currency ☐

Customer ☐

Value Date ☐

Loan Preferences for Import Bills

Advance By Loan ☐

Loan Product

Suspense General Ledger

INCO Term

Liqudate Using Collateral ☐

Transfer Collateral from LC ☐

Acceptance Commission Preferences

Interest Component

Acceptance Components To Be Collected In ☒ Advance ☐ Arrears

Pay Due Advice

Notice Days

☒ Before ☐ After Days With New

Exit Save

2.3.6 OL Products and Contracts from OBCL to OBTF

OL Product

Oracle Lending products that are created or modified in OBCL will be exposed to OBTF through the following operations in OBTFIFService:

- OBTFIFService.CreateOLProduct
- OBTFIFService.ModifyOLProduct
- OBTFIFService.CloseOLProduct

Interest components for loan products also will be sent to OBTF.

OL Contracts

Oracle Lending contracts that are created or modified in OBCL will be exposed to OBTF through the following operations in OBTFIFService:

- OBTFIFService.CreateOLContract
- OBTFIFService.ModifyOLContract

2.3.7 ELCM Limit Processing

During manual Bill liquidation authorization, if limits are tracked in Bill then request for Limit line de-utilization will be posted to ELCM and it will be logged in STTB_TF_REQ_MASTER with Process Status 'U'. If de-utilization is successful, process status will be 'P'. Bill authorization can be processed only if de-utilization is successful.

The system also supports multi limits during loan creation. If there are adequate limits, then the limit utilization will be successful. If there is breach of limits, then credit exception will be raised. You can resolve or reject the credit exception manually through GEDAUTH screen.

2.3.8 Job Processing

Scheduler job 'TFELSLOANPROC' processes request from OBTF to OBCL. The request processing is based on the following loan actions:

- CREATELOAN - Request to create a loan will be initiated.
- LOANREVERSAL - Request for payment reversal will be initiated.
- LINKTOLOAN - Bill details with link to loan enabled has to be intimated.
- LOANPAYMENT - Request for loan payment will be initiated.
- LOANPAYMENTAUTH - Request for loan liquidation authorization will be initiated.

**Note:**

For LOANREVERSAL, if a bill has multiple packing credit loans linked to it and if the payment of loans are partially success then the bill can be deleted. If the bill is deleted a reversal of payment request should be initiated for the loans that were successful.

The following request and response will be processed through web service:

- Loan Creation with Multi Limits
- Loan Authorization
- Loan Deletion
- Multi Loan Payment (Save)
- Multi Loan Payment (Authorization)
- Multi Loan Payment (Deletion)

2.3.9 Trade-OL Transaction Log

This topic provides the systematic instructions to the trade-OL transaction log.

You can view the log of Trade-OL interface transactions through 'Trade OBCL Manual Status Change' screen.

Specify the **User ID** and **User ID**, and login to Homepage.

1. On the Homepage, type **IFDLMNPC** in the text box, and click the next arrow.

The **Trade OL Transaction Log** screen is displayed.

Trade OL Transaction Log

Enter Query

Trade Reference *
Interface Seq. No. *
Transaction Status
Failure Reason

Action
Source
External Reference Number
Credit Exception

Loan Details

Contract Reference
Product Code
Branch
Customer Id
Currency
Amount Financed

Payment Details

Value Date
Maturity Date
Bridge GL
Liquidation Date
Limit Date
Amount Paid

Error/Warning Description

☐ Error/Warning Code
Message

No data to display.

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Exit

2. On **Trade OL Transaction Log** screen, specify the fields.

For information on fields, refer to [Table 2-6](#):

Table 2-6 Trade OL Transaction Log - Field Description

Field	Description
Trade Reference	Specify the trade reference number.
Interface Sequence	Specify the interface sequence number.
Transaction Status	Select the transaction status from the drop-down list. The list displays the following values: - Failed - Processed - Reversed - Unprocessed - Hold - Limits Verification Pending The system displays the following details: - Action - Source - External Reference Number - Credit Exception  Note: Requests with status 'Failed' can be modified to 'Unprocessed' for job pickup. Request with status 'Failed' for loan authorization cannot be modified to 'Unprocessed' once Loan deletion request for the same is posted in intermediate store. During Packing Credit - Multi Loan Payment, if payment of one of the loans has failed, then you can choose BC contract and any interface sequence number. While changing status from 'Failed' to 'Unprocessed' system will update status of all Payment Requests to Unprocessed.
Loan Details	Specify the below details: - Contract Reference - Product Code - Branch - Customer Id - Currency - Amount Financed - Value Date - Maturity Date - Bridge GL
Payment Details	Specify the below details: - Liquidation Date - Limit Date - Amount Paid On receipt of Loan creation request through Webservice, loan contract will be created and saved. If Loan creation is with limit utilization and if limit is not available, credit exception will be raised, however loan will be saved.

Table 2-6 (Cont.) Trade OL Transaction Log - Field Description

Field	Description
Multi Loan Payment Processing	On receipt of Multi Loan Payment Save request, with multiple packing credit loans, system will liquidate all the Packing Credit loans received. On receipt of multi loan payment deletion, system will initiate deletion of each payment. Response for each payment deletion will be sent to OBTF. Multi Loan Payment authorization response will have responses for each payment authorization. The loans which are created and unauthorized from OBTF, will not be allowed to modify, delete or authorize manually in OBCL.

The loan authorization status and corresponding credit exception status will be as follows:

Table 2-7 Credit Exception Status

Loan Authorization Status	Credit Exception Status
Processed	Not Applicable
Failed	Unresolved
Processed	Resolved
Failed	Rejected
The loan request will be deleted if Credit Exception is Rejected.	

- [View Trade OBCL Transaction Details](#)

This topic provides the systematic instructions to view the trade OBCL transaction details.

2.3.9.1 View Trade OBCL Transaction Details

This topic provides the systematic instructions to view the trade OBCL transaction details.

You can view details of Transaction log of Trade-OBCL integration in '**Trade OL Transaction Summary**' screen

Specify the **User ID** and **User ID**, and login to Homepage.

1. On the Homepage, type **IFSLMNPC** in the text box, and click the next arrow.

The **Trade OL Transaction Summary** screen is displayed.

You can search records based on the following parameters:

- Contract Reference

- Trade Reference
2. Click on '**Search**' button with or without entering any of the above search parameters.

All records matching the search criteria are displayed. To view a particular record double click on the desired record displayed in the list of records. The following details pertaining to each record is displayed:

- Action
- Amount Financed
- Branch
- Bridge GL
- Contract Reference
- Currency
- Trade Reference
- Transaction Status
- Interface Sequence
- Liquidation Date
- External Reference Number
- Maturity Date
- Source
- Customer ID
- Amount Paid
- Limit Date
- Product Code
- Value Date

Glossary

BCDPRMNT

Bills and Collections Product Definition - [Product Maintenance](#)

BCDTRONL

Bills and Collections Contract Input - [Loan Preferences](#)

IFSLMNPC

Trade OL Transactions Log - [View Trade OBCL Transaction Details](#)

IFSLMNPC

Trade OBCL Summary - [View Trade OBCL Transaction Details](#)

LCDPRMNT

Letters of Credit Product Definition - [Product Maintenance](#)

LCDTRONL

Letter of Credit Contract Input - [Loan Preferences](#)