Export Documentary Collection Return - Close User Guide
Oracle Banking Trade Finance Process Management
Release 14.4.0.0.0

Part No. F30794-01

May 2020

ORACLE®

Oracle Banking Trade Finance Process Management
Oracle Financial Services Software Limited

Oracle Park
Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India
Worldwide Inquiries:
Phone: +91 22 6718 3000
Fax: +91 22 6718 3001
www.oracle.com/financialservices/

ORACLE®

Contents

ORACLE®

Oracle Banking Trade Finance Process Management

Welcome to the Oracle Banking Trade Finance Process Management (OBTFPM) User Guide. This guide provides an overview on the OBTFPM application and takes you through the various steps involved in creating and processing trade finance transactions.

This document will take you through following activities in OBTFPM:
- To create and handle Trade Finance transaction.
- Help users to conveniently create and process Trade Finance transaction

Overview

OBTFPM is a Trade Finance middle office platform, which enables bank to streamline the Trade Finance operations. OBTFPM enables the customers to send request for new Trade Finance transaction either by visiting the branch (offline channels) or through SWIFT/Trade Portal/other external systems (online channels).

Benefits

OBTFPM helps banks to manage trade finance operations across the globe in different currencies. OBTFPM allows you to:
- Handle all trade finance transactions in a single platform.
- Provides support for limit verification and limit earmarking.
- Provide amount block support for customer account.
- Provides acknowledgement to customers.
- Enables the user to upload related documents during transaction.
- Enables to Integrate with back end applications for tracking limits, creating limit earmarks, amount blocks, checking KYC, AML and Sanction checks status.
- Create, track and close exceptions for the above checks.
- Enables to use customer specific templates for fast and easy processing of trade transactions that reoccur periodically.

Key Features

- Stand-alone system that can be paired with any back end application.
- Minimum changes required to integrate with bank's existing core systems.
- Faster time to market.
- Capable to interface with corporate ERP and SWIFT to Corporate.
- Highly configurable based on bank specific needs.
- Flexibility in modifying processes.

ORACLE®

Export Documentary Collection Return - Close

Export Collection Return process facilitates the user to close the outstanding bills along with the returned documents or without any documents, when no more payments are expected.
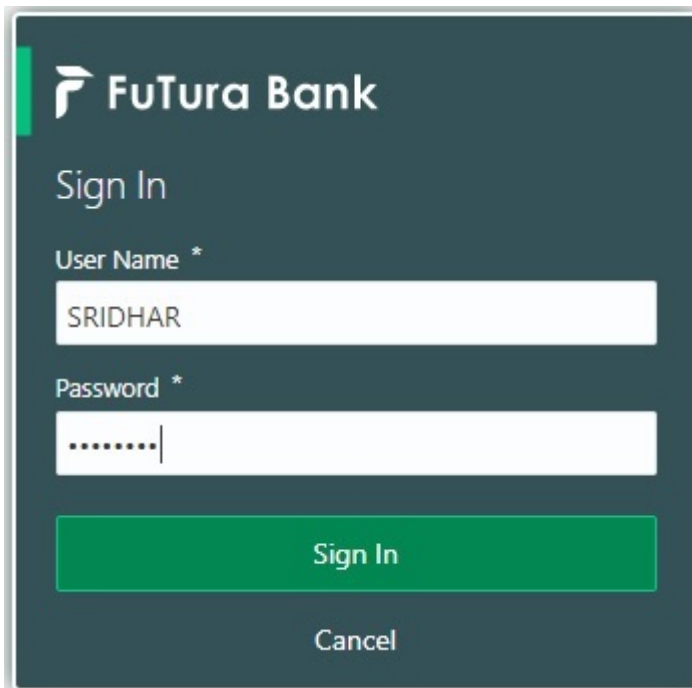
This section contains the following topics:

Registration

The process starts from Registration stage, during Registration stage, user can capture the basic details of the transaction and upload related documents. On submit, the request will be available for an collection expert to handle the request in the next stage.

1. Using the entitled login credentials for Registration stage, login to the OBTFPM application.

ORACLE®

2. On login, user must be able to view the dashboard screen with widgets as mapped to the user profile.
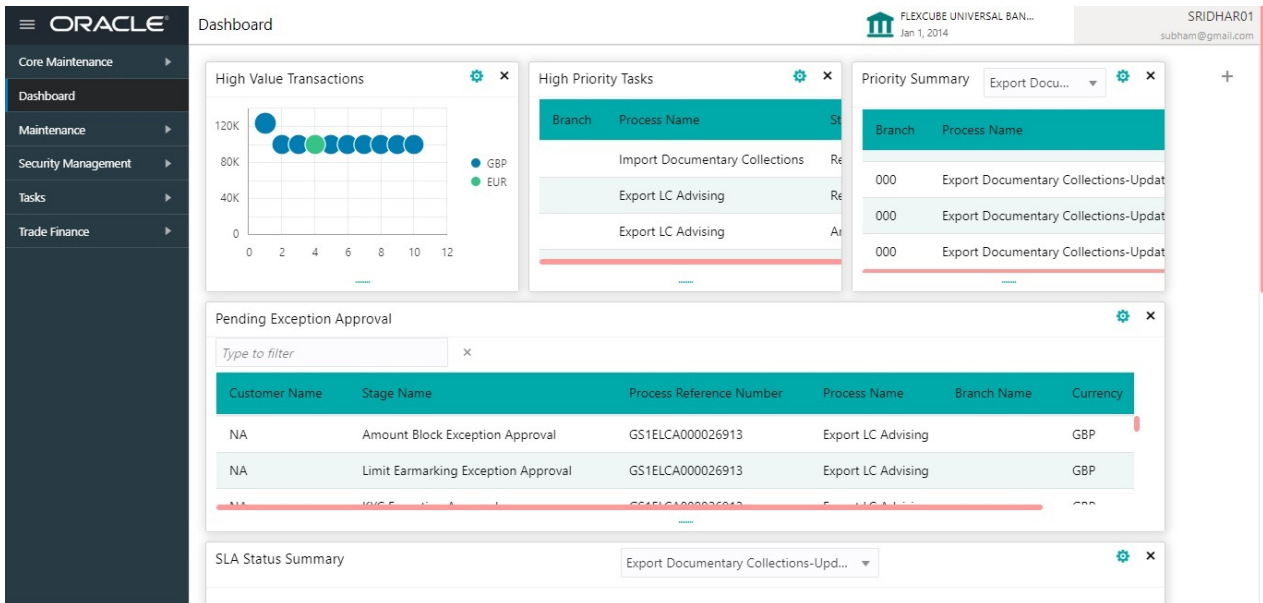
3. Click **Trade Finance> Export - Documentary Collection> Export Documentary Collection Return - Close.**
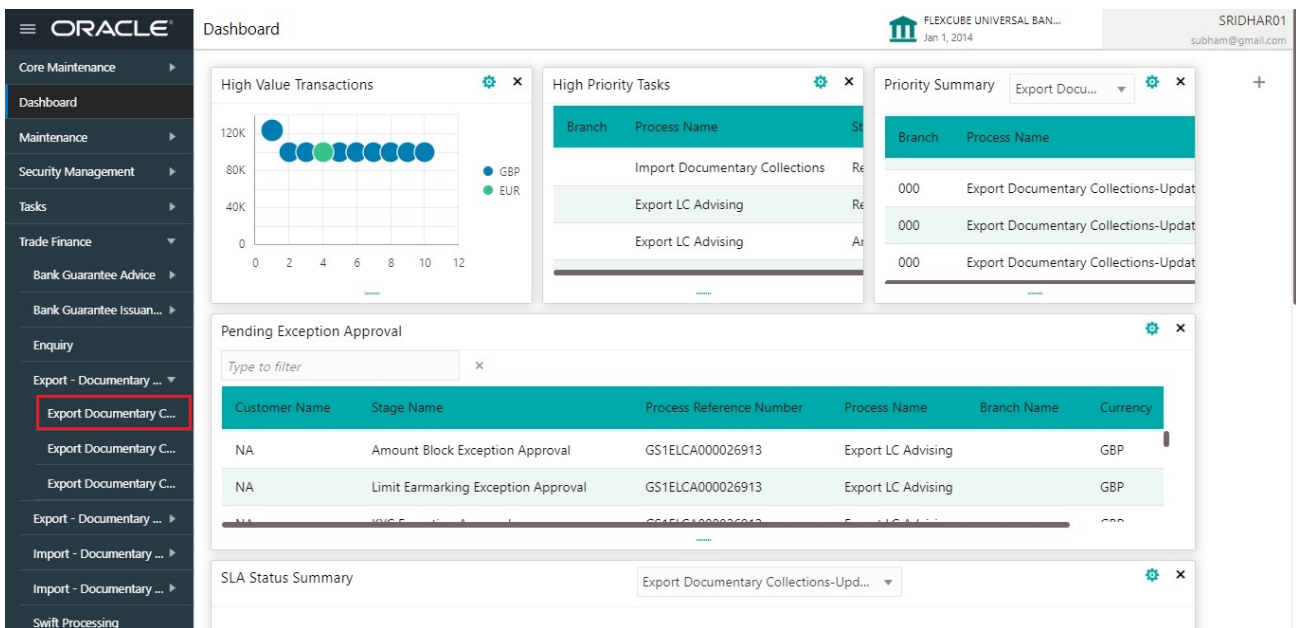
The Registration stage has two sections Application Details and Collection Details. Let's look at the details of Registration screens below:

ORACLE®

Application Details

Provide the Application Details based on the description in the following table:

Field	Description	Sample Values
Documentary Collection Number	Provide the Documentary Collection Number. Alternatively, user can search the Documentary Collection Number using LOV. In the LOV, user can search giving any combination details of Documentary Collection Number, Drawer, Currency, Amount, Product Code and Booking Date to fetch the collection details. Based on the search result, select the applicable documentary collection to update the details.	
Drawer ID	Read only field. Drawer ID will be auto-populated based on the selected Documentary Collection Number from the LOV.	
Drawer Name	Read only field. Drawer Name will be auto-populated based on the selected Documentary Collection Number from the LOV.	
Branch	Read only field. Branch details will be auto-populated based on the selected Documentary Collection Number from the LOV.	203-Bank Futura -Branch FZ1
Bill Currency and Amount	Read only field. Bill currency and amount will be auto-populated based on the selected Documentary Collection Number from the LOV.	

Field	Description	Sample Values
Process Reference Number	Unique sequence number for the transaction. This is auto generated by the system based on process name and branch code.	
Priority	System will populate the priority of the customer based on priority maintenance. If priority is not maintained for the customer, system will populate 'Medium' as the default priority. User can change the priority populated any time before submit.	High
Submission Mode	Select the submission mode of Export Collection Liquidation request. By default the submission mode will have the value as 'Desk'. **Desk-** Request received through Desk **Courier-** Request received through Courier	Desk
Return-Close Date	By default, the application will display branch's current date.	04/13/2018
Version Number	This field displays the latest version of the bill.	

Collection Details

Registration user can provide collection details in this section. Alternately, details can be provided by Data Enrichment user.

Provide the Liquidation Details based on the description in the following table:

Field	Description	Sample Values
Operation Code	Read only field. Operation code will be auto-populated based on the selected Documentary Collection Number.	

Field	Description	Sample Values
Co-Acceptance Required	Read only field. Co-Acceptance Required will be auto-populated based on the selected Documentary Collection Number.	
Documents Received	Read only field. Documents received details will be auto-populated based on the selected Documentary Collection Number from the LOV.	
Tenor	Read only field. Tenor will be auto-populated based on the selected Documentary Collection Number from the LOV.	
Product Code	Read only field. Product code will be auto-populated based on the selected Documentary Collection Number from the LOV.	
Product Description	Read only field. This field displays the description of the product as per the product code.	
Contract Reference Number	System to populate contract reference number from the back end system once the Documentary Collection Number is selected.	
Drawee ID	Read only field. Drawee ID will be auto-populated based on the selected Documentary Collection Number.	
Drawee Name	Read only field. This field displays the Drawee Name as per the Drawee ID.	
Bill Outstanding Amount	Read only field. Bill Outstanding Amount will be auto-populated based on the selected Documentary Collection Number.	
Liquidation Amount	Read only field. Liquidation Amount will be auto-populated based on the selected Documentary Collection Number.	
Finance Amount	Read only field. Finance Amount will be auto-populated based on the selected Documentary Collection Number.	
Collecting Bank ID	Read only field. Collecting Bank ID will be auto-populated based on the selected Documentary Collection Number.	

ORACLE®

Field	Description	Sample Values
Collecting Bank Name	Read only field. This field displays the Collecting Bank Name as per Collecting Bank ID.	
Acceptance Date	Read only field. Acceptance Date will be auto-populated based on the selected Documentary Collection Number.	

Miscellaneous

Provide the Miscellaneous Details based on the description in the following table:

Field	Description	Sample Values
Documents	Upload the documents received under the Documentary Collection.	
Remarks	Provide any additional information regarding the collection. This information can be viewed by other users handling the request.	

ORACLE®

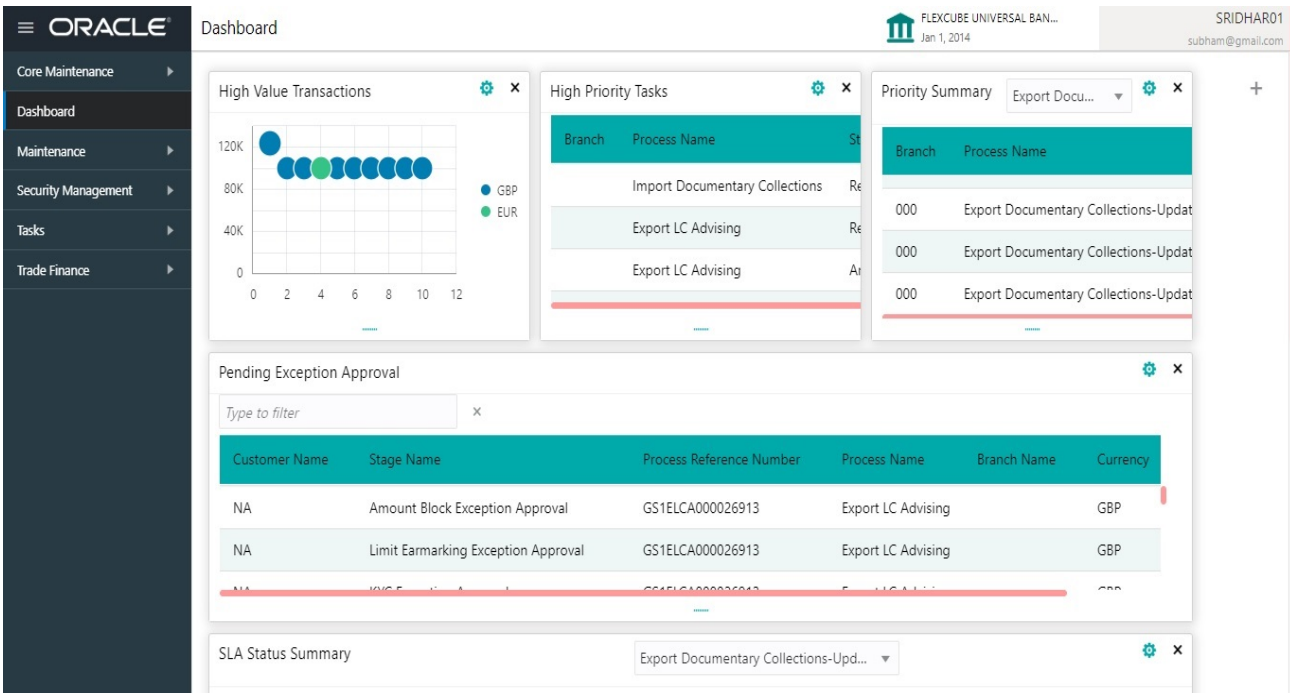| Field	Description	Sample Values
Checklist	Make sure that the details in the checklist are completed and acknowledge. If mandatory checklist items are not selected, system will display an error on submit. Checklist ✕ Registration ☑ Application signed and stamped Remarks ☑ Any correction or alteration initialled by the app Remarks ☐ Amount in words and numbers are matching Remarks ☑ LC amt and ccy are uniform across the application Remarks ☑ customer signature verified Remarks Save Checklist ✕ Close	
Action Buttons		
Submit	On submit, task will move to next logical stage of Export Documentary Collection Return - Close. If mandatory fields have not been captured, system will display an error message until the mandatory fields data are provided.	
Save & Close	Save the information provided and holds the task in 'My Task' queue for working later. This option will not submit the request.	
Cancel	Cancels the Export Documentary Collection Return - Close Task. Details entered will not be saved and the task will be removed.	
Hold	The details provided will be saved and status will be on hold.User must update the remarks on the reason for holding the task. This option is used, if there are any pending information yet to be received from applicant.	

Data Enrichment

On successful completion of Registration of an Export Collection Return, the request moves to Data Enrichment stage. At this stage the gathered information during registration are scrutinized.

Do the following steps to acquire a task currently at Scrutiny stage:

ORACLE®

1. Using the entitled login credentials for Data Enrichment stage, login to the OBTFPM application.
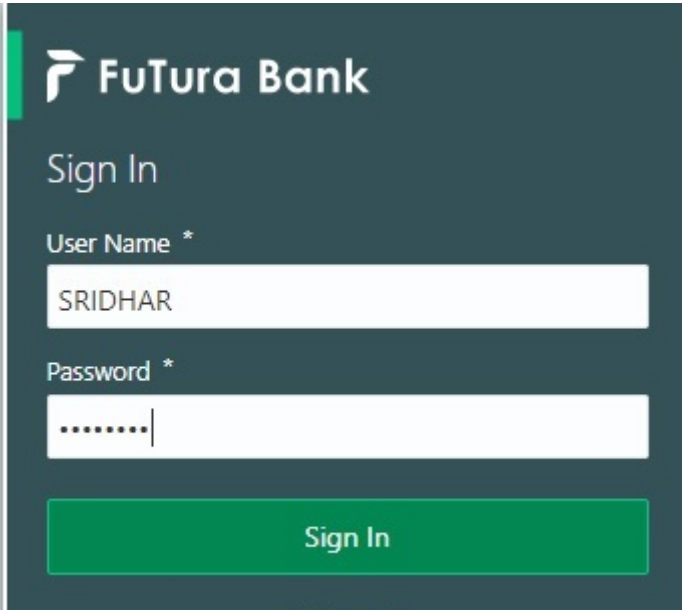
2. On login, user must be able to view the dashboard screen with widgets as mapped to the user profile.

ORACLE®

3. Click **Trade Finance> Tasks> Free Tasks.**

4. Select the appropriate task and click **Acquire & Edit** to edit the task or click **Acquire** to edit the task from **My Tasks**.

5. The acquired task will be available in **My Tasks** tab. Click **Edit** to scrutinize the registered task.

The data enrichment stage has the following hops for data capture:

- Main Details

ORACLE®

- Return Details
- Additional Fields
- Advices
- Additional Details
- Settlement Details
- Summary

Let's look at the details for Data Enrichment stage. User can enter/update the following fields. Some of the fields that are already having value from registration channels may not be editable.

Main Details

Main details section has two sub section as follows:

- Application Details
- Collection Details

Application Details

All fields displayed under Basic details section, would be read only except for the **Priority**. Refer to Application Details for more information of the fields.

ORACLE®

Collection Details

The fields listed under this section are same as the fields listed under the Collection Details section in Registration. Refer to Collection Details for more information of the fields. During Registration, if user has not captured input, then user can capture the details in this section.

Action Buttons

Use action buttons based on the description in the following table:

Field	Description	Sample Values
Save & Close	Save the details provided and holds the task in 'My Task' queue for further update. This option will not submit the request.	
Cancel	Cancel the Data Enrichment stage inputs. The details updated in this stage are not saved. The task will be available in 'My Task' queue.	
Hold	The details provided will be saved and status will be on hold.User must update the remarks on the reason for holding the task. This option is used, if there are any pending information yet to be received from applicant.	

Field	Description	Sample Values
Reject	On click of Reject, user must select a Reject Reason from a list displayed by the system. Reject Codes: - R1- Documents missing - R2- Signature Missing - R3- Input Error - R4- Insufficient Balance/Limits - R5 - Others. Select a Reject code and give a Reject Description. This reject reason will be available in the remarks window throughout the process.	
Next	Click Next to move to next logical screen of Data Enrichment stage.	

Return Details

Return/Close details hop enables the user to provide details in the below mentioned section to process the return/close.

Field	Description	Sample Values
Protested Bill of Exchange	Check the protested bill of exchange check box, if returned. User can provide any remarks, if required.	
Unaccepted Bill of Exchange	Check the unaccepted bill of exchange check box, if returned. User can provide any remarks, if required.	

Field	Description	Sample Values
Other Documents	Check the other documents check box, if any other documents are returned. User can provide any remarks, if required.	

Documents Disposal

The user can check the relevant box indicating the instructions received from the remitting bank towards disposal of documents. The user can also input additional remarks/description about the document disposal.

Field	Description	Sample Values
Documents Delivered to Drawee Free of Payment	Check the documents delivered to drawee free of payment check box, if returned. User can provide any remarks, if required.	
Documents Returned to Remitting Bank	Check the documents returned to remitting bank check box, if returned. User can provide any remarks, if required.	
Documents Handed over to 3rd Party	Check the documents handed over to 3rd party check box, if returned. User can provide any remarks, if required.	

Additional Fields

Banks can configure these additional fields during implementation.

ORACLE®

Advices

Advices menu displays the advices from the back office as tiles. User can edit the fields in the tile, if required.

Additional Details

Charge Details

This section displays charge details:

Field	Description	Sample Values
Component	Charge Component type.	
Currency	Defaults the currency in which the charges have to be collected.	
Amount	An amount that is maintained under the product code gets defaulted in this field.	
Modified Amount	From the default value, if the rate is changed or the amount is changed, the value gets updated in the modified amount field.	
Billing	If charges are handled by separate billing engine, then by selecting billing the details to be available for billing engine for further processing.	

ORACLE

Field	Description	Sample Values
Defer	If charges have to be deferred and collected at any future step, this check box has to be selected.	
Waive	If charges have to be waived, this check box has to be selected. Based on the customer maintenance, the charges should be marked for Billing or for Defer.	
Charge Party	Charge party will be applicant by default. You can change the value to beneficiary	
Settlement Account	Details of the settlement account.	

This section displays the commission details:

Field	Description	Sample Values
Component	This field displays the commission component.	
Rate	Defaults from product.	
Currency	Defaults the currency in which the commission needs to be collected	
Amount	An amount that is maintained under the product code defaults in this field.	
Modified Amount	From the default value, if the rate or amount is changed, the modified value gets updated in the modified amount field.	
Billing	If charges/commission is handled by separate billing engine, then by selecting billing the details to be available for billing engine for further processing.	
Defer	If check box is selected, charges/commissions has to be deferred and collected at any future step.	

ORACLE®

Field	Description	Sample Values
Waive	Based on the customer maintenance, the charges/commission can be marked for Billing or Defer. If the defaulted Commission is changed to defer or billing or waive, system must capture the user details and the modification details in the 'Remarks' place holder.	
Charge Party	Charge party will be 'Applicant' by Default. You can change the value to Beneficiary	
Settlement Account	Details of the Settlement Account.	

The tax component is calculated based on the commission and defaults if maintained at product level. User cannot update tax details and any change in tax amount on account of modification of charges/ commission will be available on click of Re-Calculate button or on hand off to back-end system.

This section displays the tax details:

Field	Description	Sample Values
Component	Tax Component type	
Currency	The tax currency is the same as the commission.	
Amount	The tax amount defaults based on the percentage of commission maintained. User can edit the tax amount, if required.	
Settlement Account	Details of the settlement account.	

Payment Details

Preferences

Select the preferences options based on the description in the following table:

Field	Description	Sample Values
Auto Liquidate	Read only field. Auto Liquidation enables liquidation of the bill on the due date automatically from the back office system.	
Advance by Loan	Read only field. Advance by Loan enables creation of loan at the time of Final liquidation.	
Allow Roll over	Read only field.	
Auto Change from Acceptance to Advance	Read only field. This flag indicates whether an Acceptance type of bill should be automatically converted into an Advance type of bill on its liquidation date. **Note** This option is applicable only for the bills that are co-accepted by the bank.	

Cash Collateral Details

Select the cash collateral details options based on the description in the following table:

Note
Cash collateral is applicable only for the bills which are co-accepted by the bank.

Field	Description	Sample Values
Outstanding Collateral Amount	Read only field. Auto Liquidation enables liquidation of the bill on the due date automatically from the back office system.	

ORACLE®

Field	Description	Sample Values
Liquidate using Collateral	Read only field.	

Preview Message

User can view the draft message being displayed on the preview message text box.
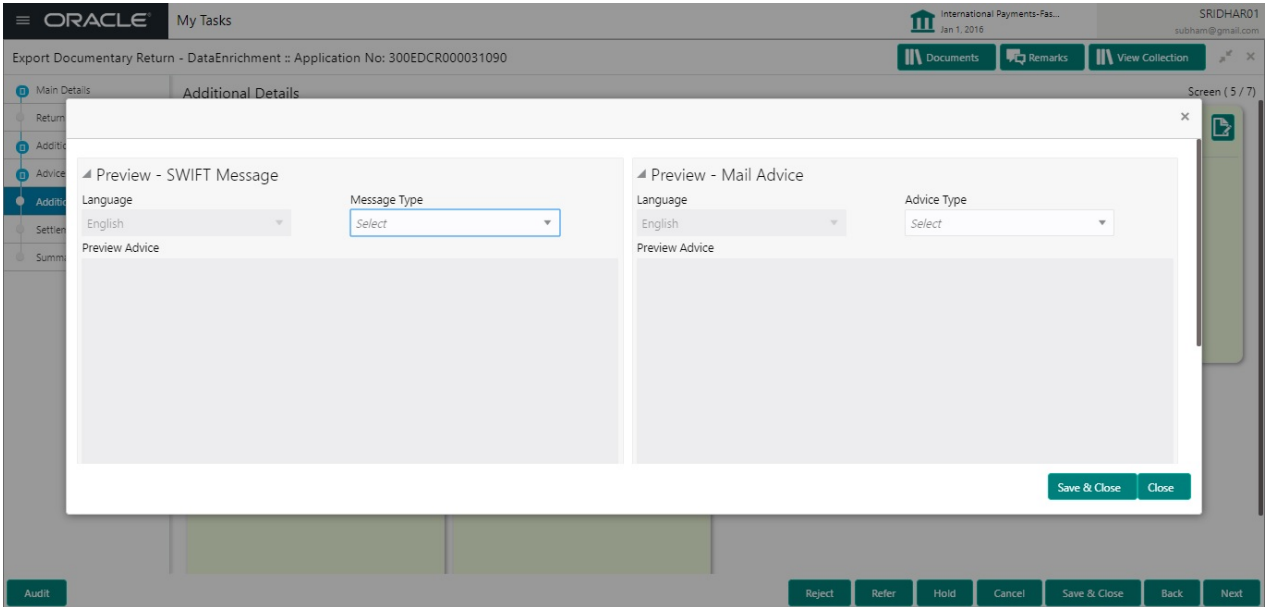
Pre-Shipment Details

If a Pre-Shipment Credit is already outstanding against this Export Collection, user msut be able to repay the same from the settlement account of the Customer.

Provide the Liquidate Pre-Shipment Finance details based on the description in the following table:

Field	Description	Sample Values
Pre-Shipment Credit Number	Read only field. This field displays the Pre-Shipment Credit Number.	
Currency	Read only field Application defaults the currency of the Pre-Shipment Credit Number.	
Outstanding Amount	Read only field Application defaults the currency of the Pre-Shipment Credit Number.	
Repayment Amount	Read only field. This field displays the repayment amount.	

FX Linkage

This section enables the user to link the de-link one or more FX contract(s) linked to the bill.

ORACLE®

De-link the FX contracts detail based on the description in the following table:

Field	Description	Sample Values
Bill Currency	Read only field. This field displays the currency details from the bill.	
Bill Amount	Read only field. This field displays the bill amount from the drawing.	
Maturity Date	System to display the due date for the bill in case of a Usance bill. In case of a sight bill, the system should display the current branch date as Maturity Date (for processing immediate payment).	
FX Reference Number	This field displays the FX Reference Number of the FX contract.	
FX Currency	This field displays the currency of the FX contract.	
FX Amount	This field displays the amount of the FX contract.	
FX Contract Available Amount	This field displays the unlinked/ available amount under the FX contract.	
FX Linkage Amount	If FX contract is linked already for the underlying bill, system will display the amount linked.	
Rate	This field displays the rate at which the contract is booked.	
Amount in Contract Currency	This field displays the amount in contract currency converted from FX currency.	
Expiry Date	This field displays the expiry date of the contract.	
Delivery Period - From	This field displays the date from which the contract is valid for utilization.	
Delivery Period - To	This field displays the date to which the contract is valid for utilization.	

ORACLE®

Field	Description	Sample Values
Average FX Rate	Average rate for more than one contract if linked.	

Action Buttons

Use action buttons based on the description in the following table:

Field	Description	Sample Values
Save & Close	Save the details provided and holds the task in 'My Task' queue for further update. This option will not submit the request.	
Cancel	Cancel the Data Enrichment stage inputs. The details updated in this stage are not saved. The task will be available in 'My Task' queue.	
Hold	The details provided will be saved and status will be on hold.User must update the remarks on the reason for holding the task. This option is used, if there are any pending information yet to be received from applicant.	
Reject	On click of Reject, user must select a Reject Reason from a list displayed by the system. Reject Codes: • R1- Documents missing • R2- Signature Missing • R3- Input Error • R4- Insufficient Balance/Limits • R5 - Others. Select a Reject code and give a Reject Description. This reject reason will be available in the remarks window throughout the process.	
Next	Click Next to move to next logical screen of Data Enrichment stage.	

ORACLE®

Settlement Details

Provide the settlement details based on the description in the following table:

Field	Description	Sample Values
Component	Components gets defaulted based on the product selected.	
Currency	Application displays the default currency for the component.	
Debit/Credit	Application displays the debit/credit indicators for the components.	
Account	Application Displays the account details for the components.	
Account Description	Application displays the description of the selected account.	
Account Currency	Application defaults the currency for all the items based on the account number.	
Netting Indicator	Application displays the applicable netting indicator.	
Amount	Amount for each component. This is populated from the transaction details of the drawing.	

ORACLE®

On click of any component in the grid, the application displays Party Details, Payment Details and Remittance Information.

Party Details

Provide the party details based on the description in the following table:

Field	Description	Sample Values
Transfer Type	Select the transfer type from the drop list: ● Customer Transfer ● Bank Transfer for own account ● Direct Debit Advice ● Managers Check ● Customer Transfer with Cover ● Bank Transfer	
Charge Details	Select the charge details for the transactions: ● Beneficiary All Charges ● Remitter Our Charges ● Remitter All Charges	
Netting Indicator	Select the netting indicator for the component: ● Yes ● No	
Ordering Customer	Select the ordering customer from the LOV.	
Ordering Institution	Select the ordering institution from the LOV.	
Senders Correspondent	Select the senders correspondent from the LOV.	
Receivers Correspondent	Select the receivers correspondent from the LOV.	
Intermediary Institution	Select the intermediary institution from the LOV.	
Account with Institution	Select the account with institution from the LOV.	
Beneficiary Institution	Select the beneficiary institution from the LOV.	
Ultimate Beneficiary	Select the ultimate beneficiary from the LOV.	
Intermediary Reimbursement Institution	Select the intermediary reimbursement institution from the LOV.	

Payment Details

Provide the Payment Details based on the description in the following table:

Field	Description	Sample Values
Sender to Receiver 1	Provide the sender to receiver message.	
Sender to Receiver 2	Provide the sender to receiver message.	
Sender to Receiver 3	Provide the sender to receiver message.	

ORACLE®

Field	Description	Sample Values
Sender to Receiver 4	Provide the sender to receiver message.	
Sender to Receiver 5	Provide the sender to receiver message.	
Sender to Receiver 6	Provide the sender to receiver message.	

Remittance Information

Provide the Payment Details based on the description in the following table:

Field	Description	Sample Values
Payment Detail 1	Provide the payment details.	
Payment Detail 2	Provide the payment details.	
Payment Detail 3	Provide the payment details.	
Payment Detail 4	Provide the payment details.	

Summary

User can review the summary of details updated in Data Enrichment stage of Export Collection Return request.

The tiles must display a list of important fields with values. User can drill down from summary Tiles into respective data segments.

Tiles Displayed in Summary

- Main Details - User can view details about application details and Bill details.
- Return Details - User can view the return details.
- Party Details - User can view party details like applicant, collecting bank etc.
- Additional Fields - User can view the details of the additional fields.
- Advices - User can view the advices.
- Preview Messages - User can view the preview message.

- Payment Details - User can view the payment details.
- Limits and Collaterals - User can view limits and collateral details.
- Charges - User can view charge details.
- FX Linkage - User can view the details of FX Linkage.
- Compliance - User can view compliance details. The status must be verified for KYC and to be initiated for AML and Sanction Checks.

Action Buttons

Use action buttons based on the description in the following table:

Field	Description	Sample Values
Submit	Task will move to next logical stage of Export Documentary Collection Return - Close. If mandatory fields have not been captured, system will display an error message highlighting that the mandatory fields have to be updated. In case of duplicate documents' system will terminate the process after handing off the details to back office.	
Save & Close	Save the details provided and holds the task in 'My Task' queue for further update. This option will not submit the request.	
Cancel	Cancel the Data Enrichment stage inputs. The details updated in this stage are not saved. The task will be available in 'My Task' queue.	
Hold	The details provided will be saved and status will be on hold.User must update the remarks on the reason for holding the task. This option is used, if there are any pending information yet to be received from applicant.	
Reject	On click of Reject, user must select a Reject Reason from a list displayed by the system. Reject Codes: • R1- Documents missing • R2- Signature Missing • R3- Input Error • R4- Insufficient Balance/Limits • R5 - Others. Select a Reject code and give a Reject Description. This reject reason will be available in the remarks window throughout the process.	

Multi Level Approval

Log in into OBTFPM application and acquire the task available in the approval stage in free task queue. Authorization User can acquire the task for approving.

ORACLE®

Authorization Re-Key (Non-Online Channel)

For non online channel, application will request approver for few critical field values as an authorization step. If the values captured match with the values available in the screen, system will allow user to open the transaction screens for further verification. If the re-key values are different from the values captured, then application will display an error message.

Open the task and re-key some of the critical field values from the request in the Re-key screen. Some of the fields below will dynamically be available for re-key.:

- Drawee Name
- Drawer Name
- Bill Currency
- Bill Amount

Re-key is applicable to the first approver in case of multiple approvers. All approvers will however be able see the summary tiles and the details in the screen by drill down from tiles.

ORACLE®

Summary

Tiles Displayed in Summary:

- Main Details - User can view details about application details and LC details.
- Return Details - User can view the return details.
- Party Details - User can view party details like applicant, collecting bank etc.
- Additional Fields - User can view the details of the additional fields.
- Advices - User can view the advices.
- Preview Messages - User can view the preview message.
- Settlement Details - User can view the settlement details.
- Pre-shipment - User can view the pre-shipment details.
- Payment Details - User can view the payment details.
- Limits and Collaterals - User can view limits and collateral details.
- Charges - User can view charge details.
- FX Linkage - User can view the details of FX Linkage.
- Compliance - User can view compliance details. The status must be verified for KYC and to be initiated for AML and Sanction Checks.

Action Buttons

Use action buttons based on the description in the following table:

Field	Description	Sample Values
Reject	On click of Reject, user must select a Reject Reason from a list displayed by the system. Reject Codes: ● R1- Documents missing ● R2- Signature Missing ● R3- Input Error ● R4- Insufficient Balance/Limits ● R5 - Others. Select a Reject code and give a Reject Description. This reject reason will be available in the remarks window throughout the process.	
Hold	The details provided will be registered and status will be on hold. This option is used, if there are any pending information yet to be received from applicant.	
Refer	User will be able to refer the task back to the Data Enrichment user.User must select a Refer Reason from the values displayed by the system. Refer Codes: ● R1- Documents missing ● R2- Signature Missing ● R3- Input Error ● R4- Insufficient Balance- Limits ● R5 - Others	
Cancel	Cancel the approval.	
Approve	On approve, application must validate for all mandatory field values, and task must move to the next logical stage. If there are more approvers, task will move to the next approver for approval. If there are no more approvers, the transaction is handed off to the back end system for posting.	

Reject Approval

As a Reject approver, user can review a transaction rejected and waiting for reject confirmation.

Log in into OBTFPM application to view the reject approval tasks for Import Documentary Collection Booking available in queue. On opening the task, you will see summary tiles. The tiles will display a list of important fields with values.

ORACLE®

The screen from which the reject was initiated can been seen highlighted in the tile view.

 User can drill down from reject summary tiles into respective data segments to verify the details of all fields under the data segment.

Summary

The screen up to which data was captured before reject will be available for the user to view in the summary tile. Other fields will be blank when verified from summary tile.

The data segment in which the task was rejected will have the tiles highlighted in a different colour (red).

- Main Details - User can view details about application details and document under collection.
- Party Details - User can view party details like applicant, Remitting Bank etc.
- Document Details - User can view document details.
- Shipment Details - User can view shipment details.
- Charges - User can view charge details.
- Maturity Details - User can view the maturity details.
- Message Preview - User can view the preview of the simulating message to the remitting bank.

Action Buttons

Use action buttons based on the description in the following table:

Field	Description	Sample Values
Reject Approve	On click of Reject Approve, the transaction is rejected.	
Reject Decline	On click of Reject Decline, the task moves back to the stage where it was rejected. User can update the reason for reject decline in remarks.	
Hold	User can put the transaction on 'Hold'. Task will remain in Pending state.	
Cancel	Cancel the Reject Approval.	

ORACLE®

ORACLE®

References

For more information on any related features, you can refer to the following documents:

- Getting Started User Guide
- Common Core User Guide

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.

Feedback and Support

Oracle welcomes customers' comments and suggestions on the quality and usefulness of the document. Your feedback is important to us. If you have a query that is not covered in this user guide or if you still need assistance, please contact documentation team.

ORACLE®