

Patch Release Note
Oracle Banking Trade Finance
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August 2022





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Version 14.6.1.0.0

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1. Overview

1.1 Issue Details

As part of Mashreq requirements and other committed items changes are made in OBTF14.6.1.0.0 release.

1.2 Requirement Summary

The requirements specific to Q1 Trade incremental changes and other committed items on integration with product processors are to be addressed as part of 14.6.1.0.0 version.

2. Separate Product Code for Transfer

2.1 Overview – Separate Product Code for Transfer

- Provision to create export child LC with separate product code
 - Trade Finance Bank Preference maintenance enhanced with flag ‘Use Transfer Product’
 - New Product Type-Transfer introduced in LC Product maintenance
 - Provision to create child LC with separate product code during transfer of export LC
 - Functionality will be supported for Islamic Export child LCs
 - API introduced to provide transfer product codes based on parent export LC.
 - Replication of Trade Finance Bank Preference maintenance is introduced.

2.2 Feature 1 – Trade Finance Bank Preference Maintenance - STDTFBNK

- ✓ Trade Finance Bank Preference maintenance enhanced with new field Use Transfer Product

2.2.1 Functional Flow Diagram

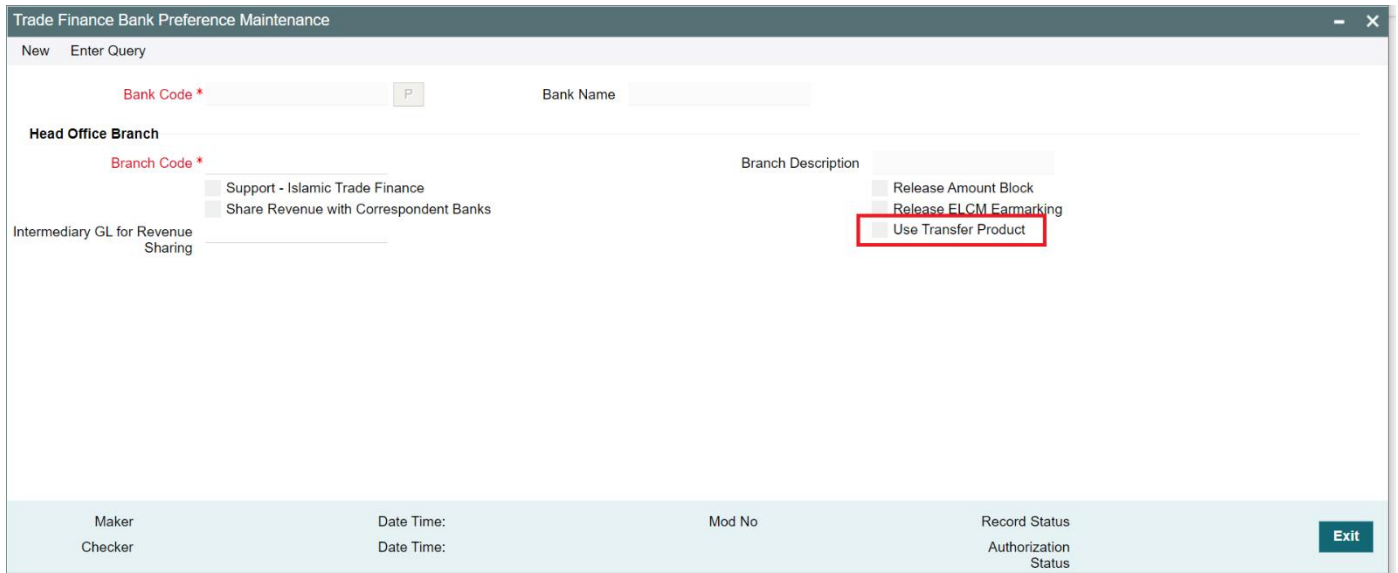
Not Applicable

2.2.2 Detailed Flow

- ✓ Trade Finance Bank Preference maintenance enhanced with new field ‘Use Transfer Product’ to indicate export child LC creation with separate product code different from parent LC product
- ✓ ‘Use Transfer Product’ will be unchecked by default and the same can be modified.

2.2.2.1 UI Prototype

Trade Finance Bank Preference Maintenance - STDTFBNK



The image shows a screenshot of the 'Trade Finance Bank Preference Maintenance' application window. The window has a title bar with the text 'Trade Finance Bank Preference Maintenance' and standard window controls. Below the title bar, there is a 'New' button and an 'Enter Query' text field. The main form area contains several fields and checkboxes. On the left, there is a 'Bank Code *' field with a 'P' button next to it, and a 'Bank Name' field. Below these, there is a 'Head Office Branch' section with a 'Branch Code *' field. To the right of the 'Branch Code *' field, there are three checkboxes: 'Support - Islamic Trade Finance', 'Share Revenue with Correspondent Banks', and 'Intermediary GL for Revenue Sharing'. On the right side of the form, there is a 'Branch Description' field. Below this field, there are three checkboxes: 'Release Amount Block', 'Release ELCM Earmarking', and 'Use Transfer Product'. The 'Use Transfer Product' checkbox is highlighted with a red rectangle. At the bottom of the window, there is a status bar with fields for 'Maker', 'Checker', 'Date Time:', 'Mod No', 'Record Status', 'Authorization', and 'Status'. An 'Exit' button is located in the bottom right corner of the status bar.

2.2.2.2 UI Elements

Display Name	Description	Attribute Type	Object Type	Required/Mandatory	Data Type/Size	Field Validation	Default Value	Amendable
Use Transfer Product	Indicates separate product to be considered for Child LC contract creation	Input	Checkbox	N	Varchar(1)	N	N	Y

2.2.2.3 UI Error Messages

Not Applicable

2.3 Feature 2 – Transfer Product Maintenance – LCDPRMNT/LIDPRMNT

- ✓ New transfer product type 'T' introduced and separate transfer products can be created for export child LCs

2.3.1 Functional Flow Diagram

Not Applicable

2.3.2 Detailed Flow

- ✓ LC product maintenance (LCDPRMNT/LCSPRMNT) enhanced to create transfer products of export type. Below parameters are applicable :
 - Product type should be 'T'
 - Revolving should be No
- ✓ Field level restrictions will be provided as below :



TransferProductMain
tenance.xlsx

- ✓ LC product maintenance summary (LCSPRMNT) enhanced with new search criteria Transfer Product
 - Transfer Product provided with values Yes, No.
 - Product Type 'Export' and Transfer Product 'Yes' provides Transfer products
 - Product Type 'Export' and Transfer Product 'No' provided Export products as existing
 - Transfer Product applicable for Export product type only
- ✓ Transfer product maintenance will not be dependent on Bank preference maintenance
- ✓ Above functionality extended for Islamic LC products as well (LIDPRMNT/LISPRMNT)

LC Product Maintenance Summary (LCSPRMNT)

2.3.2.2 UI Elements

2.3.2.3 UI Error Messages

ORACLE

2.4 Feature 3 – Export child LC processing – LCDTRANF/LIDTRANF

- ✓ System enhanced to create export child LCs with separate product from parent LC.
- ✓ Functionality supported for Islamic child LCs as well

2.4.1 Functional Flow Diagram

Not Applicable

2.4.2 Detailed Flow

- ✓ System enhanced to create export child LCs with separate product from parent LC.
- ✓ New field ‘Transfer Product’ introduced in LC Transfer (LCDTRANF).
- ✓ Transfer Product LOV will provide products of Transfer type if ‘Use Transfer Product’ is enabled in Trade Finance Bank Preference maintenance
- ✓ Parent LC to be selected from Contract Reference LOV and transfer product code to be selected.
- ✓ On click of default parent LC details will be defaulted as per the existing functionality. Subsystem will be defaulted from child LC product. User can modify the same as mentioned below :

Field Name	Transfer LC / Child LC in LCDTRANF		
	Default from Parent LC	Modification supported in LC Transfer (Existing functionality)	Modification will be supported in LC Transfer (Enhancement)
Expiry Date	Yes	Allowed	Allowed
Latest Shipment Date	Yes	Allowed	Allowed
Period For Presentation	Yes	Allowed	Allowed
Expiry Place	Yes	Allowed	Allowed
Sanction Check Status	Yes	Not Allowed	Not Allowed
Last Sanction Check Date	Yes	Not Allowed	Not Allowed
Payment Mode	Yes	Allowed	To be restricted
Payment Details	Yes	Allowed	To be restricted
Positive Tolerance	Yes	Allowed	To be restricted
Negative Tolerance	Yes	Allowed	To be restricted
Credit Available With	Yes	Allowed	To be restricted
Charges From Beneficiary	Yes	Allowed	To be restricted
Confirmation Instructions	Yes	Allowed	Allowed
Requested Confirmation Party	Yes	Allowed	Allowed
Beneficiary Account	Yes	Allowed	Allowed
Conditions for Beneficiary	Yes	Allowed	To be restricted
Conditions for Receiving Bank	Yes	Allowed	To be restricted
Inco Term	Yes	Field Not Available	Default from parent LC
Applicable Rule	Yes	Field Not Available	Default from parent LC

Documents	Yes	Allowed	Allow to modify Document of Invoice Type only. Amendment of other documents types to be restricted
Shipment From	Yes	Allowed	To be restricted
Shipment To	Yes	Allowed	To be restricted
Shipment Details	Yes	Allowed	To be restricted
Shipment Period	Yes	Allowed	Allowed
Shipment Marks	Yes	Allowed	To be restricted
Port of Loading	Yes	Allowed	To be restricted
Port of Discharge	Yes	Allowed	To be restricted
Partial Shipments	Yes	Not allowed	Not allowed
Transshipment	Yes	Not allowed	Not allowed
Goods	Yes	Allowed to remove	Goods Description, Number Of Units, Price Per Unit only can be modified

- ✓ Existing functionality will continue if 'Use Transfer Product' is not enabled in Trade Finance Bank preference maintenance. Parent LC product will be used to create child LC contract.
- ✓ Transfer simulation (LCDTRFSM/LIDTRFSM) enhanced to support new field 'Transfer Produce Code' with tag name will be TRANSFER_PRODUCT_CODE

2.4.2.1 UI Prototype

Letters of Credit Transfer – LCDTRANF

Letters of Credit Transfer Input

Save

Contract Reference *

Expiry Date YYYY-MM-DD

Transfer Amount

Latest Shipment Date YYYY-MM-DD

Period For Presentation

Narrative

Remarks

Transfer Product Code

To Reference

To LC Reference

Transfer Date YYYY-MM-DD

Current Availability

Positive Tolerance

Negative Tolerance

Credit Available With

Parties Documents Shipment Goods Parties Limits Advices

Party Details

Party Type	Party Description	Party Id	Party Name	Count

Charges | Events | Settlement | Fields | Tax | Message Preview | Remarks | Common Group Message | Drafts | Customer Instructions

Maker Date Time Status

Checker Date Time Authorization Status

Cancel

Islamic Letters of Credit Transfer – LIDTRANF

Islamic LC Transfer Input

New Enter Query

Contract Reference *

Expiry Date YYYY-MM-DD

Transfer Amount

Latest Shipment Date YYYY-MM-DD

Period For Presentation

Narrative

Remarks

Parties Documents Shipment Goods Parties Limits Advices

Transfer Product Code

To Reference

To LC Reference

Transfer Date YYYY-MM-DD

Current Availability

Positive Tolerance

Negative Tolerance

Credit Available With

Party Details

1 Of 1 Go

Party Type	Party Description	Party Id	Party Name	Coun

Charges | Events | Settlement | Fields | Tax | Message Preview | Remarks | Common Group Message | Drafts | Customer Instructions

Input By Date Time Status

Auth By Date Time Authorization Status

Exit

2.4.2.2 UI Elements

Display Name	Description	Attribute Type	Object Type	Required/Mandatory	Data Type/Size	Field Validation	Default Value	Amendable
Transfer Product Code	Signifies transfer product Code	LoV	LoV	No	Varchar2(4)	N/A		

2.4.2.3 UI Error Messages

Error Code	Error Condition	Type	Message Text	User Action
LC-TRNF-080	Provide transfer product code when user transfer product is unchecked	Error	Transfer product code is not allowed when use transfer product is unchecked at bank preference screen	Check use transfer product flag
LC-TRNF-081	Nullify transfer product code when user transfer product is checked	Error	Transfer product code is mandatory when use transfer product is checked at bank preference screen	Provide transfer product code

LC-TRNF-082	Provide tenor code different from parent LC	Error	Tenor code of parent contract and transfer product are not same	Provide same tenor code
LC-TRNF-083	Provide non-transfer type product in transfer product code	Error	Transfer product code provided is not a transfer type product	Provide transfer type product
LC-TRNF-084	Create new contract in transfer type product when user transfer product is unchecked	Error	Contract creation in Transfer Type product is not allowed when use transfer product flag is unchecked at Bank Preference Screen	Check use transfer product flag
LC-TRNF-091	Change non-invoice type document	Error	During Transfer, Documents other than invoice type is not allowed to be modified	Don't change non-invoice type document
LC-TRNF-092	Change non-invoice type document clauses	Error	During Transfer, Clauses of Documents other than invoice type is not allowed to be modified	Don't change non-invoice type document clauses
LC-TRNF-093	Add or remove goods	Error	During Transfer, Goods cannot be added or removed	Don't add or remove goods

2.5 Feature 4 – LC online screens – LCDTRONL/LCDAMEND

- ✓ Impact in other online screens to support transfer product

2.5.1 Functional Flow Diagram

Not Applicable

2.5.2 Detailed Flow

- ✓ Product Type' will be *Transfer* for contracts created with transfer product.
 - LC issuance (LCDTRONL/LIDTRONL) and LC amendment (LCDAMEND/LIDAMEND) screens enhanced accordingly.
- ✓ New contract creation with Transfer product code will be supported from LCDTRONL/LIDTRONL if Use Transfer Product is enabled in Bank Preference maintenance.
 - Transferred flag should be checked and parent LC reference number should be provided in User LC Reference Number. Validations will be provided accordingly.
- ✓ New product Type 'T' will be available in LCSTRONL/LISTRONL summary screens
- ✓ LC and LI handoff and simulation enhanced to support above functionality
- ✓ Trade Finance Message Product Mapping Maintenance (MSDPRDMP) enhanced :
 - Transfer products only will be provided for MT720 if Use Transfer Product is enabled in Trade Finance Bank Preference maintenance (STDTFBNK)

2.5.2.1 UI Prototype

LC Online Summary: LCSTRONL

Letters Of Credit Contract Summary

List of Values Product Type

Case Sensitive

Product Type

Fetch

Search Results

First Previous 1 Of 1 Next Last Go

Product Type

S

T

Ok

Currency(3)

Contract Status

Contract Amount

Source Reference

Operation Code

Contract Amount

Amount In Local Currency

User Reference

Source Reference

Exit

LC Amendment Summary: LCSAMEND

Letters of Credit Amendment Confirmation Summary

List of Values Product Type

Case Sensitive

Product Type

Fetch

Search Results

First Previous 1 Of 1 Next Last Go

Product Type

S

T

Ok

Contract Status

User Reference

Branch

Number of Amendment

Amendment Number

Amendment Number

Customer

Currency

Contract Amount

Amount In Local Currency

Exit

2.5.2.2 UI Elements

Not Applicable

2.5.2.3 UI Error Messages

Error Code	Error Condition	Type	Message Text	User Action
LC-TRNF-088	Create new transfer type contract with transferable flag unchecked.	Error	Transferred LC flag has to be checked for Transfer Type product	Check transferrable flag
LC-TRNF-089	Create new non-transfer type contract with transferable flag checked.	Error	Transferred LC flag has to be unchecked for non-Transfer Type product	Uncheck transferrable flag
LC-TRNF-090	Change the fields not allowed to be changed	Error	Field \$1 not allowed to be modified during Transfer	Provide same value as parent LC

2.6 Feature 5 – Replication of Trade Finance Bank Preference maintenance

- ✓ Introduced Trade Finance Bank Preference maintenance replication from OBTF to OBTFPM

2.6.1 Functional Flow Diagram

Not Applicable

2.6.2 Detailed Flow

- Trade Finance Bank Preference maintenance replication introduced - OBTF replication to OBTFPM :

Sr. No	OBTF Function Id	OBTF Screen Name	OBTF Table	OBTFPM Target Table
1	STDTFBNK	Trade Finance Bank Preference Maintenance	STZM_TF_BANK_PREFERENCE	TFPM_TW_TF_BANK_PREFERENCE

- ✓ Create, Modify, Close and Reopen will be operations supported

OBTF SERVICE_CODE	OBTFPM-SERVICE_CODE	SOURCE_CODE	Tag Name list
CreateBANKPREF	CreateBANKPREF	PLATO OBTF	BANK_CODE~HO_BRANCH_CODE~SUPPORT_ISLAMIC_TRADE~REVENUE_SHARING_APPLICABLE~REVENUE_SHARING_INTERIM_GL~RELEASE_AMOUNT_BLOCK~RELEASE_ELCM_EARMARKING~USE_TRANSFER_PRODUCT
ModifyBANKPREF	ModifyBANKPREF	PLATO OBTF	BANK_CODE~HO_BRANCH_CODE~SUPPORT_ISLAMIC_TRADE~REVENUE_SHARING_APPLICABLE~REVENUE_SHARING_INTERIM_GL~RELEASE_AMOUNT_BLOCK~RELEASE_ELCM_EARMARKING~USE_TRANSFER_PRODUCT
CloseBANKPREF	CloseBANKPREF	PLATO OBTF	BANK_CODE~REMARKS
ReopenBANKPREF	ReopenBANKPREF	PLATO OBTF	BANK_CODE~REMARKS

2.6.2.1 UI Prototype

Not Applicable

2.6.2.2 UI Elements

Not Applicable

2.6.2.3 UI Error Messages

Not Applicable

3. Split Settlement for Charges and Commission

3.1 Overview – Split Settlement for charges and commission

- Provision to split Charges and Commission between parties of the transaction with default split percentage.
- Split flag introduced in Charges and Commission subsystem to capture components for split settlement.
- AR-AP tracking flag introduced in Commission subsystem and will be enabled for components with track receivable enabled at rule. The same will be defaulted to Split settlement with provision to disable if required.
- LQ contract will be created for components with AR-AP tracking enabled for each split amount.
- Functionality will be supported for Conventional and Islamic LC and Guarantee – issuance and amendment.

3.2 Feature 1 – Split Settlement for Charges – CFCTFCHO/CSCTFSPL

- ✓ System enhanced to support split settlement for Charges.

3.2.1 Functional Flow Diagram

Not Applicable

3.2.2 Detailed Flow

- ✓ System enhanced to support split settlement for Charges.
 - New field *Split* introduced in Charges subsystem (CFCTFCHO) with provision to enable split settlement for charge component for below scenarios :
 - Import LC Issuance
 - Import LC Amendment
 - Export LC Advise
 - Export LC Amendment
 - Guarantee/SBLC Issuance
 - Guarantee/SBLC Issuance Amendment
 - Guarantee/SBLC Advice
 - Guarantee/SBLC Advice Amendment
 - Split flag in Charges subsystem will be unchecked by default and user can select the same.
- ✓ Split Settlement subsystem (CSCTFSPL) enhanced with two new fields namely Party Type and AR-AP Tracking to process split settlement for Charge and Commission components.
- ✓ System will default Split settlement with two splits one for Counter Party (S02) and another for Other Party (S02) :
 - Counter Party and Other Party derivation will be as follows :

Category	Counter Party	Other Party	Other Party Resolution
Import LC Issuance	APP	BEN/ABK	If Beneficiary is a bank customer else Advising bank
Import LC Amendment	APP	BEN/ABK	If Beneficiary is a bank customer else Advising bank
Export LC Advise	BEN	APP/ISB	If Applicant is a bank customer else Issuing bank
Export LC Amendment	BEN	APP/ISB	If Applicant is a bank customer else Issuing bank
Guarantee/SBLC Issuance	APP	BEN/CIB/LIB/ABK	If Beneficiary is a bank customer Else CIB if exists Else LIB if exists Else Advising Bank
Guarantee/SBLC Issuance Amendment	APP	BEN/CIB/LIB/ABK	If Beneficiary is a bank customer Else CIB if exists Else LIB if exists Else Advising Bank
Guarantee/SBLC Advice	BEN	APP/ISB	If Applicant is a bank customer else Issuing bank
Guarantee/SBLC Advice Amendment	BEN	APP/ISB	If Applicant is a bank customer else Issuing bank

- Other Party can be modified as Counter party and valid account of Counter party to be provided
- Customer id will default based on Party type.
- AR-AP Tracking in Split settlement :

Track Receivable - Charge Rule	AR-AP Tracking - Charges Subsystem	AR-AP Tracking - Split Settlement	Processing impact
Enabled	Enabled by default based on Charge Rule. User can uncheck the same.	Enabled by default based on AR-AP tracking flag in Charge subsystem. User can uncheck the same for one or both the splits.	LQ contract will be created for each split for split amount for Customer if AR-AP flag is checked for the split
Disabled	Disabled by default based on Charge Rule. User cannot check the same.	Disabled by default based on AR-AP tracking flag in Charge subsystem. User cannot check the same.	If AR-AP flag is checked, system will provide error message

- Split Account default :

AR-AP Tracking - Charges Subsystem	Split Account processing
Disabled	Split account will default with settlement instructions of Customer. Split Account can be modified to another valid account of the Customer.
Enabled	Split account will be defaulted with AR-AP GL. Split account cannot be modified

- Split amount will be 50% of total Charge amount. Amount can be modified and percentage will be derived based on modified amount.
- Percentage of proceeds will be derived based on Split amount
- Amount Tags default :
 - <ChargeComponent>_LIQD_S01
 - <ChargeComponent>_LIQD_S02
- Loan/Finance Account is not applicable
- System will support two splits for Charges.

Import LC Scenario : Charges with Split settlement :

Import LC / Guarantee			
Charge component	SWIFTCHG	Charge Amount	80
Party	Split Percentage	Split Amount	Split Account (AR-AP unchecked)
APP (Counter party)	50%	40	Settlement instructions of applicant
BEN (Bank Customer)	50%	40	Settlement instructions of beneficiary
Party	Split Percentage	Split Amount	Split Account
APP (Counter party)	50%	40	Settlement instructions of applicant
BEN (Not a bank customer)			
ABK (Advising Bank)	50%	40	Settlement instructions of advising bank

Export LC scenario : Charges with Split settlement :

Export LC / Advice of Guarantee			
Charge component	SWIFTCHG	Charge Amount	80
Party	Split Percentage	Split Amount	Split Account (AR-AP unchecked)
BEN (Counter party)	50%	40	Settlement instructions of beneficiary
APP (Bank Customer)	50%	40	Settlement instructions of applicant
Party	Split Percentage	Split Amount	Split Account
BEN (Counter party)	50%	40	Settlement instructions of beneficiary
APP (Not a bank customer)			
ISB (Issuing Bank)	50%	40	Settlement instructions of issuing bank

Charge component : SWIFTCHG

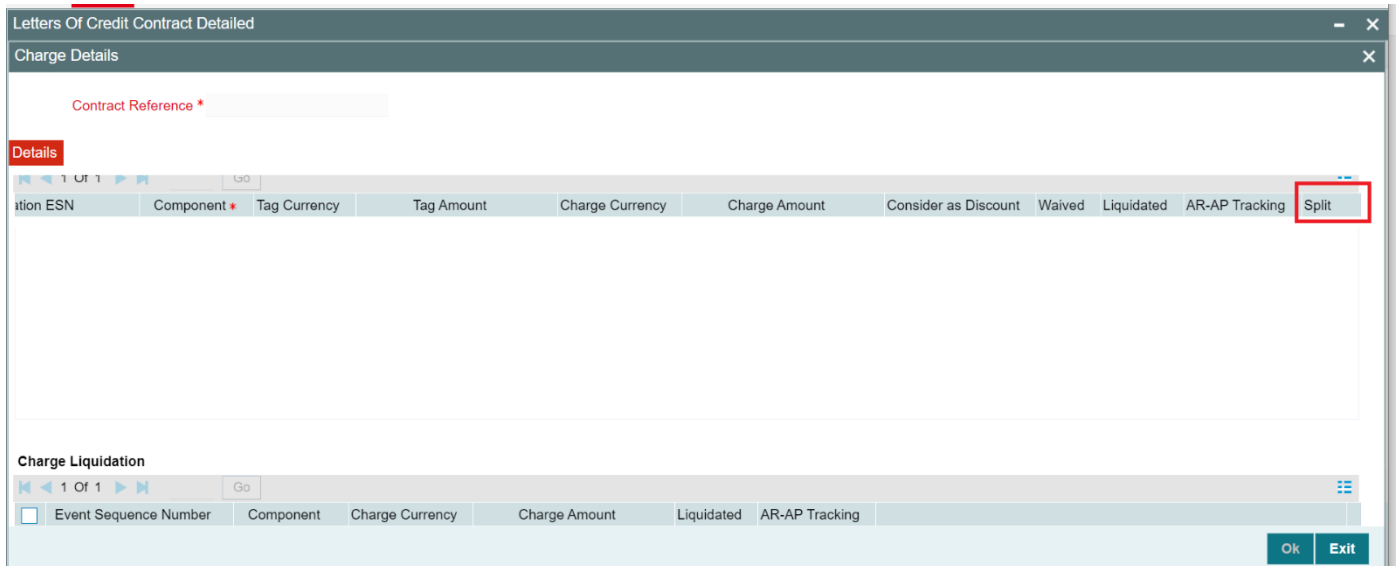
Accounting Role	Amount Tag	DR / CR Leg
CHG_CUST_ACC	SWIFTCHG_LIQD_S01	<u>Dr</u>
CHG_CUST_ACC	SWIFTCHG_LIQD_S02	<u>Dr</u>

SWIFTCHG_INC	SWIFTCHG_LIQD	Cr
--------------	---------------	----

- ✓ Above functionality supported in handoff and simulation request.
- ✓ New tags introduced
 - SPLIT_FLAG

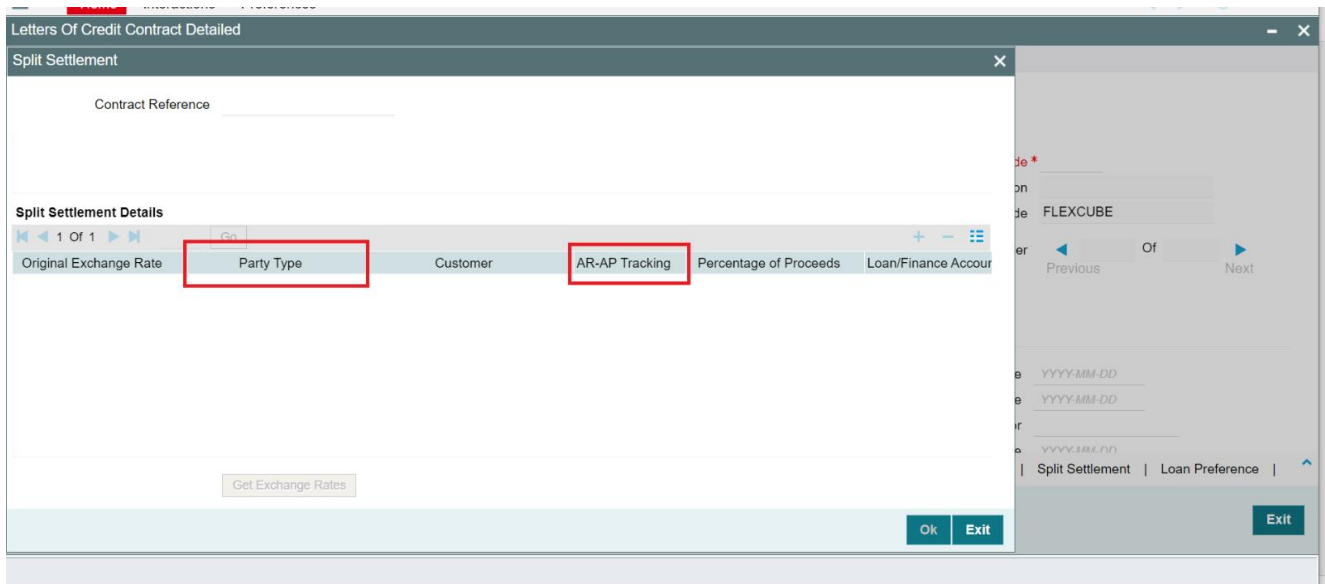
3.2.2.1 UI Prototype

Charges subsystem - CFCTFCHO



The screenshot shows the 'Letters Of Credit Contract Detailed' window with the 'Charge Details' tab selected. A 'Contract Reference' field is at the top. Below it, a 'Details' section contains a table with columns: 'ition ESN', 'Component', 'Tag Currency', 'Tag Amount', 'Charge Currency', 'Charge Amount', 'Consider as Discount', 'Waived', 'Liquidated', 'AR-AP Tracking', and 'Split'. The 'Split' column header is highlighted with a red box. Below the table is a 'Charge Liquidation' section with a table containing columns: 'Event Sequence Number', 'Component', 'Charge Currency', 'Charge Amount', 'Liquidated', and 'AR-AP Tracking'. At the bottom right are 'Ok' and 'Exit' buttons.

Split Settlement subsystem – CSCTFSPL



The screenshot shows the 'Letters Of Credit Contract Detailed' window with the 'Split Settlement' tab selected. A 'Contract Reference' field is at the top. Below it, a 'Split Settlement Details' section contains a table with columns: 'Original Exchange Rate', 'Party Type', 'Customer', 'AR-AP Tracking', 'Percentage of Proceeds', and 'Loan/Finance Account'. Both the 'Party Type' and 'AR-AP Tracking' column headers are highlighted with red boxes. Below the table is a 'Get Exchange Rates' button. On the right side, there is a sidebar with a search bar, a 'FLEXCUBE' label, and navigation buttons 'Previous' and 'Next'. At the bottom right are 'Ok' and 'Exit' buttons.

3.2.2.2 UI Elements

Charges :

Display Name	Description	Attribute Type	Object Type	Required/Mandatory	Data Type/Size	Field Validation	Default Value	Amendable
Split	Indicates provision to split charges	Input	Checkbox	N	Varchar(1)	N	N	Y

Split Settlement :

Display Name	Description	Attribute Type	Object Type	Required/Mandatory	Data Type/Size	Field Validation	Default Value	Amendable
Party Type	Indicates Party type of Customer	Input	Text	N	Varchar(3)	N	Y	N
AR-AP Tracking	Indicates provision to define AR-AP	Input	Checkbox	N	Varchar(1)	N	N	Y

3.2.2.3 UI Error Messages

Error Code	Error Condition	Type	Message Text	User Action
CS-TF-029	When AR-AP flag is unchecked, and split flag is checked in charge subsystem then in split settlement if user check AR-AP flag for that charge component.	E	AR-AP flag should not be checked in Split Settlement for charge component \$1 if AR-AP flag is unchecked in Charges subsystem.	Save
CF-VALS-064	In charge subsystem for a component both AR-AP flag and waiver checked together.	E	Both Waiver and Split flag cannot be selected together for the \$1 component \$2.	Save
CS-TF-030	In Split settlement AR-AP flag is checked for other than charges or commission component.	E	AR-AP Tracking in Split settlement is applicable only for Charges and Commission.	Save

CS-TF-031	When AR-AP flag is checked, and split flag is checked in charge subsystem then in split settlement if user check AR-AP flag for that charge component.	O	AR-AP Tracking is unchecked for Party \$1 in split settlement for component \$2.	Save
CS-TF-032	System default split settlement for the selected charge component. If user adds or delete one split details in split settlement.	E	Number of splits should be equal to 2 for component \$1	Save
CS-TF-033	System default split settlement for the selected charge component. If user changes the party type of the customer in split settlement.	E	Party Type and Customer mismatch in split settlement for \$1.	Save
CS-TF-037	In Split settlement if value provided for Party Type other than charges or commission component.	E	Party Type in Split settlement is applicable only for Charges and Commission.	Save
CS-TF-038	System default split settlement for the selected charge component. If user clears the party type of the customer in split settlement.	E	Party Type should be available for \$1 in split settlement.	Save
CS-TF-039	System default split settlement for the selected charge component. If AR-AP is checked then the account should be GL.	E	Account should be GL when AR-AP is checked for \$1 in split settlement.	Save
CS-TF-040	If Loan option is checked for charge component in split settlement.	E	Loan should not be checked for charge component \$1 in Split Settlement.	Save

3.3 Feature 2 – Split Settlement for Commission – CFCTRCOM/CSCTFSPL

- ✓ System enhanced to support split settlement for Commission along with AR-AP for the split.

3.3.1 Functional Flow Diagram

Not Applicable

3.3.2 Detailed Flow

- ✓ System enhanced to support split settlement for Commission :
 - New field *Split* introduced in Commission subsystem (CFCTRCOM) with provision to enable split settlement for Commission component. Flag will be disabled by default.
 - Split can be enabled and system will default split settlement between parties of the transaction with default split percentage as 50%. Split percentage, amount and account can be modified.
 - New field *AR-AP Tracking* introduced in Commission subsystem. Flag will be enabled/disabled by default based on track receivable of Commission Rule. AR-AP flag can be unchecked post default if required.
 - Split settlement processing will be similar to Charges as defined in section 3.1.2
- ✓ Scenario :

Export LC / Advice of Guarantee			
Commission component	AILUN_COMM	Commission Amount	900
Party	Split Percentage	Split Amount	Split Account
BEN (Counter party)	50%	450	Settlement instructions of beneficiary
APP (Bank Customer)	50%	450	Settlement instructions of applicant
Party	Split Percentage	Split Amount	Split Account
BEN (Counter party)	50%	450	Settlement instructions of beneficiary
APP (Not a bank customer)			
ISB (Issuing Bank)	50%	450	Settlement instructions of issuing bank

- Amount Tags default :
 - <CommissionComponent>_LIQD_S01
 - <CommissionComponent>_LIQD_S02
- Split settlement supported for :
 - Commission components with Collection as Advance only
 - Commission components with Calculation as Periodic and Non-Periodic
- Split settlement supported for both issuance and amendment commission :
 - Issuance Commission - Component attached to BISS
 - Amendment Commission :
 - Change in Contract amount – Component attached to BISS

- Change in Expiry date – Component attached to BISS for additional amount
 - Change in Contract amount and expiry date – Component attached to AMND
- ✓ Above functionality supported for handoff and simulation request
 - ✓ New tags introduced
 - SPLIT_FLAG
 - ARAP_FLAG

3.3.2.1 UI Prototype

Commission subsystem - CFCTRCOM

Letters Of Credit Contract Detailed

Commission Details ✕

Contract Reference *

Commission Details

1 Of 1

Event

Component *

Pickup ESN *

Calc Method

Rate

Rate Period

Rounding Period

Collection Period

Apply Rate

Start Date YYYY-MM-DD

Stop Date YYYY-MM-DD

Good Until Date YYYY-MM-DD

Party

Event Description

Component Description

Currency

Calculation Basis

Initial Comm. Amount

Revenue Sharing Amount

Acquired Amount

Payment Type

- ☐ Waived
- ☐ Follow Rule
- ☐ External Pricing
- ☒ Split
- ☐ AR-AP Tracking

Ok Exit

3.3.2.2 UI Elements

Display Name	Description	Attribute Type	Object Type	Required/Mandatory	Data Type/Size	Field Validation	Default Value	Amendable
Split	Indicates provision to split Commission	Input	Checkbox	N	Varchar(1)	N	N	Y

AR-AP Tracking	Indicates provision to define AR-AP for Commission	Input	Checkbox	N	Varchar(1)	N	N	Y
----------------	--	-------	----------	---	------------	---	---	---

3.3.2.3 UI Error Messages

Error Code	Error Condition	Type	Message Text	User Action
	Manually enable AR-AP tracking flag if track receivable it not defined in rule	E	AR-AP Tracking cannot be enabled since Track Receivable is not defined at Rule	Save
CF-TF-060	When Party is not eligible for AR-AP Tracking	O	Party \$1 corresponding to the commission component \$2 is not eligible for AR-AP tracking.	Save
CF-VALS-063	In Commission subsystem split flag is checked for Payment type is Arrears.	E	Split is not applicable for Commission component \$1 when Payment type is Arrears.	Save
CS-TF-036	When AR-AP flag is unchecked, and split flag is checked in commission subsystem then in split settlement if user check AR-AP flag for that commission component.	E	AR-AP flag should not be checked in Split Settlement for commission component \$1 if AR-AP flag is unchecked in Commission subsystem.	Save
CS-TF-041	If Loan option is checked for charge component in split settlement.	E	Loan should not be checked for commission component \$1 in Split Settlement.	Save
CF-VALS-055	If AR-AP is checked for a non-track receivable enabled commission component	E	Commission component \$1 is not eligible for AR-AP tracking.	Save
CF-VALS-056	If AR-AP flag is unchecked for a track receivable enabled commission component	O	AR-AP flag for the commission component \$1 is unchecked. Proceed?	Save

4. FX Linkages – Guarantee/SBLC Claim

System supports linkage of forward FX contracts in OBTF for Guarantee/SBLC Claim Lodgement and Claim Settlement.

4.1 Feature – FX Linkages - Guarantee/SBLC Claim

- OBTF system enhanced to support FX Linkage at Guarantee Claim Lodgement, Islamic Guarantee Claim Lodgement, Islamic Guarantee Claim Settlement and Guarantee Claim Settlement.
- During Claim Lodgement and Settlement, System allows linkage of forward FX contract for Guarantee Issuance and Guarantee Advise.

4.1.1 Functional Flow Diagram

Not Applicable

4.1.2 Detailed Flow

- Introduced a call form 'FX linkage' at Guarantee/Islamic Guarantee Claim Lodgement and Guarantee/Islamic Guarantee Claim Settlement Screen to link one or more FX Reference to guarantee claim.
- Screen 'FX linkage' will be available with the fields Sequence No, FX Reference no, Date, BOT Currency, SOLD Currency, Rate, Available Amount, Linked Amount, Current Utilized amount and Total Utilized amount
- Multiple forward FX contract can be linked at Claim Lodgement/Claim Settlement. System generates the 'Sequence No' for linked FX contracts sequentially.
- Forward FX linkage available for selection at claim would be as follows and on select system defaults date, available amount, bot currency, sold currency and rate.
 - Active Forward FX transactions authorized not marked for auto liquidation.
 - Counterparty of the FX contract should be the counterparty of the Guarantee Claim.
 - Guarantee Claim currency should be Sold currency for Guarantees Issued.
 - Guarantee Claim currency should be Bought currency for Guarantees advised.
 - Available amount for linkage should be greater than Zero. Available amount will be FX contract amount minus the linked amount.
 - Exchange rate defaulted from the linked FX.
- User will capture Linked amount at FX Linkage screen. Sum of Linked amount will not be greater than Guarantee Claim amount. Linked amount will not be greater than the available amount for linkage.
- Current Utilized amount will display the already utilized amount. It cannot go beyond the linked FX amount.
- Total Utilized amount will display the total amount utilized against the corresponding linked FX. On query, both Utilized and Total Utilized amount holds the amount of latest version.
- OBTF API enhanced to receive the FX Linkage reference number from OBTFPM and the same should be used for consumption when the Linkage details are passed on to OBTR.
- OBTF system initiates
 - Link/Utilization request to treasury system,

- During linkage or utilization of FX contract at Guarantee / Islamic Guarantee Claim Settlement.
- Link request to treasury system,
 - During linkage of FX, at Guarantee / Islamic Guarantee Claim Lodgement.
 - Amendment of Guarantee / Islamic Guarantee Claim Lodgement for linked amount or difference in linked amount during amendment.
- Delink request to treasury system,
 - Manual reduction / delink of FX at Guarantee / Islamic Guarantee Claim Lodgement / Settlement.
 - During deletion of Claim Event.
 - During closure of the claim.
 - When Linked FX is not utilized during claim settlement.
- Multiple forward FX contract could be linked, and exchange rate of FX contract vary from each. Hence, effective exchange rate for claim would be arrived using weighted average method and it is utilized during settlement of claim.

4.1.2.1 UI Prototype

Claim Lodgement:

Claim Lodgement

New

Enter Query

Contract Reference *

P

Claim Sl. No *

Main

Advices

Documents

Tracers

Contract Details

Issue Date

YYYY-MM-DD

Expiry Date

YYYY-MM-DD

Claim Date

YYYY-MM-DD

Claim Expiry Date

YYYY-MM-DD

Currency

Amount

Outstanding Amount

Applicant Name

Claim Details

Claim Lodgement Date *

YYYY-MM-DD

Claim Amount *

Remarks

Template Id

Claim Status

Legal Injunction

Ancillary Message

Ancillary Message Function

Events

Settlement

Charges

Tax

Message Preview

Remarks

Customer Instructions

FX Linkage

Input By

Date Time

Status

Auth By

Date Time

Authorization Status

Exit

Islamic Guarantee Claim Lodging

Islamic Guarantee Claim Lodging

New

Enter Query

Contract Reference *

P

Claim Sl. No *

Main

Advices

Documents

Tracers

Contract Details

Issue Date

YYYY-MM-DD

Expiry Date

YYYY-MM-DD

Claim Date

YYYY-MM-DD

Claim Expiry Date

YYYY-MM-DD

Currency

Amount

Outstanding Amount

Applicant Name

Claim Details

Claim Lodgement Date *

YYYY-MM-DD

Claim Amount *

Remarks

Template Id

Claim Status

Legal Injunction

Ancillary Message

Ancillary Message Function

Events

Settlement

Charges

Tax

Message Preview

Remarks

Customer Instructions

FX Linkage

Input By

Date Time

Status

Auth By

Date Time

Authorization Status

Exit

Claim Settlement

Claim Settlement

New

Enter Query

Contract Reference *

P

Claim Sl. No *

Main

Advices

Contract Details

Issue Date

YYYY-MM-DD

Expiry Date

YYYY-MM-DD

Claim Date

YYYY-MM-DD

Claim Expiry Date

YYYY-MM-DD

Currency

Amount

Outstanding Amount

Claim Details

Claim Lodgement Date

YYYY-MM-DD

Claim Amount

Remarks

Template Id

Claim Status

Ancillary Message

Ancillary Message Function

Events

Settlement

Charges

Tax

Message Preview

Remarks

Loan Preference

Collateral

Split Settlement

Customer Instructions

FX Linkage

Input By

Date Time

Status

Auth By

Date Time

Authorization Status

Exit

Islamic Guarantee Claim Settlement

Islamic Guarantee Claim Settlement

New
Enter Query

Contract Reference *

P

Claim Sl. No *

Main
Advices

Contract Details

Issue Date
YYYY-MM-DD

Expiry Date
YYYY-MM-DD

Claim Date
YYYY-MM-DD

Claim Expiry Date
YYYY-MM-DD

Currency

Amount

Outstanding Amount

Claim Details

Claim Lodgement Date
YYYY-MM-DD

Claim Amount

Remarks

Template Id

Claim Status

Ancillary Message

Ancillary Message Function

Events
Settlement
Charges
Tax
Message Preview
Remarks
Finance Preference
Collateral
Split Settlement

Customer Instructions
FX Linkage

Input By
Date Time
Status

Auth By
Date Time
Authorization Status

Exit

4.1.2.2 UI Elements

Not Applicable

4.1.2.3 UI Error Message

Error Code	Type	New/ Existing	Description
BC-FX003	Error	Existing	Total Linked FX Amount \$1 is greater than the contract amount.
BC-FX004	Error	Existing	Duplicate FX contract is linked
BC-FX005	Error	Existing	Linked FX amount should be greater than zero
BC-FX006	Error	Existing	Linked FX amount cannot be greater than available amount
BC-FX007	Override	Existing	Linked FX amount is less than contract amount
BC-FX008	Error	Existing	Contract maturity or expiry date is greater than Linked FX \$1
BC-FX009	Error	Existing	FX Linkage details cannot be blank
BC-FX010	Error	Existing	FX Linkage is allowed only for Import and Export products
BC-FX011	Error	Existing	Linked FX amount cannot be less than total utilized amount
BC-FX012	Error	Existing	Linked FX amount cannot be Blank
BC-FX013	Error	Existing	Fully utilized FX linkage cannot be delinked
BC-FX014	Error	Existing	Sold and Contract currency should be same for FX linkage
BC-FX015	Error	Existing	Bought and Contract currency should be same for FX linkage

BC-FX016	Error	Existing	Rate should be greater than zero
BC-FX017	Error	Existing	Linked FX amount cannot be less than current utilized amount
BC-FX018	Error	Existing	External Reference Number must be entered
BC-FX019	Error	Existing	Available amount should be greater than zero
BC-FX020	Error	Existing	Since FX contract is linked to trade contract, exchange rate cannot be changed
BC-FX021	Error	Existing	Provided FX contract details does not exist
BC-FX022	Error	Existing	Available amount cannot be reduced beyond the linked FX amount
BC-FX023	Error	Existing	Provided trade contract details does not exists
BC-FX024	Error	Existing	There is no pending FX transactions to be processed for \$1
BC-FX025	Error	Existing	Invalid action provided
BC-FX026	Error	Existing	Trade reference should be blank
BC-FX027	Error	Existing	Invalid currency code
BC-FX028	Error	Existing	Currency pair does not exist in the system
BC-FX029	Error	Existing	Invalid counter party
BC-FX030	Error	Existing	Trade reference should be provided for this action
BC-FX031	Error	Existing	Since FX contract is linked to trade contract, data cannot be deleted
BC-FX033	Error	Existing	Transaction amount is not equal to the linked or delinked trade contract amount
BC-FX034	Error	Existing	Linked FX contract is still not processed for previous event
BC-FX035	Error	Existing	FX Linkage is not allowed during this stage of contract
BC-FX036	Error	Existing	Must provide values in \$1 fields only
BC-FX037	Error	Existing	\$1 field should not be modified
BC-FX039	Override	Existing	Attached FX linkages are not utilized, hence linked amount will be reduced, Do you want to proceed?
BC-FX041	Override	New	FX is linked for guarantee claim advice with Extend or Settle option
BC-FX042	Error	New	Linked Amount cannot be greater than the Guarantee Claim Amount.
BC-FX043	Error	New	FX cannot be linked for Guarantee Issuance during Claim Lodgement.

5. OBDX API Enhancements – Q1

OBTF System enhanced to,

- List the LC and LI contract details based on the provided customer reference as part of QueryContractListDtl and QueryLiContractLstDt request.
- List the outstanding goods details of an Export LC.
- List the Languages available.

5.1 Feature 1 – LC/LI Contract Listing based on the Customer Reference

Existing query contract listing API (QueryContractListDtl & QueryLiContractLstDt) which is used to list the LC & LI contract details should be enhanced to list the contracts based on the provided Customer Reference.

5.1.1 Functional Flow Diagram

Not Applicable

5.1.2 Detailed Flow

When QueryContractListDtl is invoked by providing Customer Reference,

Field Name	Mandatory	Input / Output	Possible Values	Expected Output
CUSTOMER_REF	N	Input and Output	Any Customer Ref	All LC/LI Contracts with given customer ref.
			ALL	All LC/LI Contracts
			NULL	All LC/LI Contracts with NULL customer ref.

5.1.2.1 UI Prototype

Not Applicable

5.1.2.2 UI Elements

Not Applicable

5.1.2.3 UI Error Messages

Not Applicable

5.2 Feature 2 – Outstanding Goods in Export LC

Introduced new API Listing LC Goods and outstanding goods details for the given export LC contract reference number.

5.2.1 Functional Flow Diagram

Not Applicable

5.2.2 Detailed Flow

The new API QueryContractGoods will display the outstanding goods details for the given export LC contract reference number.

Field Name	Mandatory	Input / Output	Remarks
CONTRACT REF NO	Y	Input and Output	Any LC Export Contract Ref No
GOODS_CODE		Output	Good Code for given Contract
GOODS_DESCR		Output	Good Description for given Contract
TOTAL_UNITS		Output	Total Number of Units for each Goods for given Contract
OUTSTANDING_UNITS		Output	Outstanding Goods of given LC Contract will be calculated by deducting the billed goods from total number of units.
PRICE_PER_UNIT		Output	Price of each Good per Unit for given Contract
CCY		Output	Currency of the Good Price for given Contract

5.2.2.1 UI Prototype

Not Applicable

5.2.2.2 UI Elements

Not Applicable

5.2.2.3 UI Error Messages

Error Code	Error message
LC-VALS-921	Invalid Product Code, QueryContractGoods is applicable for Export Contracts.

5.3 Feature 3 - Standard Wording Requested Language

OBTF System enhanced with new API to List the Languages available.

5.3.1 Functional Flow Diagram

Not Applicable

5.3.2 Detailed Flow

Introduced a new API QueryIFLanguageDet to fetch the language details for the given language code.

Field Name	Mandatory	Input/Output	Possible Values	Expected Output
Language Code	N	Input and Output	ALL/NULL	List of All Languages
			Language Code	List the Language details of given language code
Authorized	N	Input and Output	ALL	List of All the Authorized Languages
Language Description		Output		Description of the language
Language_Iso_code		Output		ISO code of the Language.

5.3.2.1 UI Prototype

Not Applicable

5.3.2.2 UI Elements

Not Applicable

5.3.2.3 UI Error Messages

Not Applicable

5.4 Feature 4 – API to provide Transfer Products

- ✓ API introduced to provide Transfer product codes based on parent contract reference number

5.4.1 Functional Flow Diagram

Not Applicable

5.4.2 Detailed Flow

- API introduced to provide Transfer product codes based on parent contract reference number

Function id	Service Name	Operation Code
IFDTFRPD	OBTFIFService	QueryTransferProdCode

Input and Output				
S.No	Field Name	Possible input values	Mandatory	Input/Output
1	Contract Reference Number	Parent Export LC Contract Reference Number	Y	Input/Output
2	Transfer LC Product Code			O
3	Transfer LC Product Description			O

Scenarios	Expected Output
Use Transfer Product enabled in Bank preference and applicable transfer LC products available in system.	Applicable Product code and Product description
Use Transfer Product enabled in Bank preference and applicable transfer LC products not maintained in system.	Error - 'Transfer LC products not available for given parent LC'
Use Transfer Product disabled in Bank preference	Error - 'Separate Transfer LC products not available'

5.4.2.1 UI Prototype

Not Applicable

5.4.2.2 UI Elements

Not Applicable

5.4.2.3 UI Error Messages

Error Code	Error Condition	Type	Message Text	User Action
LC-TRNF-086	Query the API without creating transfer type product	Error	Transfer LC products not available for given parent LC \$1	Create transfer type product
LC-TRNF-087	Query the API without checking flag at bank preference screen	Error	Transfer product code is not applicable when use transfer product is unchecked at bank preference screen	Check use transfer product flag

6. Auto Closure of Bills

6.1 Feature – Auto Closure of Bills

As part of Bills Processing, part of the bill amount may remain outstanding even after the Bill is paid. OBTF system enhanced to close those bills during batch processing by updating the residual balance or outstanding amount to zero.

6.1.1 Functional Flow Diagram

Not Applicable

6.1.2 Detailed Flow

OBTF system enhanced to close the bills during batch processing by updating the residual balance or outstanding amount to zero as below,

Bills/Islamic Bills and Collection Product Definition:

- Introduced below fields in Bill Product maintenance Screen (BCDPRMNT / IBDPRMNT – Preferences) to set the parameters for auto closure of bills

Field	Field Type	Description
Threshold Currency	LOV	Valid currency to be selected.
Threshold Amount	Amount	Positive residual amount to be provided. Threshold amount is mandatory when Threshold Currency is provided. System validates the same.
Threshold Percentage	Text	Threshold percentage below 100 to be provided.
Auto Closure Value	Drop Down	Possible Values of Auto Closure Value are a) Blank – Default b) Higher of Percentage and Amount c) Lower of Percentage and Amount Auto Closure Value should be either Higher of Percentage and Amount or Lower of Percentage and Amount when both Threshold amount and Threshold Percentage is provided.

Auto Closure Batch:

- Introduced batch BCAUTCLS/IBAUTCLS – Bills and Collection Auto closure Batch. During Mandatory Batch Program Maintenance End of Cycle Group to be maintained as End of Txn Input for the auto closure batch.
- Auto Closure batch validates if the bill is eligible for Auto Closure by comparing the bill outstanding amount with the Auto closure details maintained during the product definition.
- Auto closure residual amount is always converted to bill currency (with standard rate) for the comparison of the same with the outstanding bill amount.
- During auto closure – eligible bills will be closed with event CLOS. Accounting entries and advices/messages applicable for CLOS event will be triggered.
- Eligibility of bills for auto closure are identified as per the below scenario's:

Scenario1:

Flow	Detail	Currency
Bill Product	EUNA	
Threshold Amount	100	GBP
Threshold Percentage for Auto Closure		
Auto Closure Value		
Bill Amount	100000	USD
Bill Outstanding Amount	900	USD
Exchange Rate	1.3	GBP/USD
Threshold Amount in Bill Currency	$100/1.3 = 77$	USD

- Bill is not eligible for auto closure as the bill outstanding amount 900 USD > Threshold amount 77 USD

Scenario2:

Flow	Detail	Currency
Bill Product	EUNA	
Threshold Amount		
Threshold Percentage for Auto Closure	1	
Auto Closure Value		
Bill Amount	100000	USD
Bill Outstanding Amount	900	USD
Exchange Rate	1.3	GBP/USD
Threshold Amount in Bill Currency	$100000 * 1/100 = 1000$	USD

- Bill is eligible for auto closure as the bill outstanding amount 900 USD < Threshold amount 1000 USD

Scenario3:

Flow	Detail	Currency
Bill Product	EUNA	
Threshold Amount	100	GBP
Threshold Percentage for Auto Closure	1	
Auto Closure Value	Higher of percentage and Amount	
Bill Amount	100000	USD
Bill Outstanding Amount	900	USD
Exchange Rate	1.3	GBP/USD
Threshold Amount in Bill Currency (Amount Basis)	$100/1.3 = 77$	USD
Threshold Amount in Bill Currency (Percentage Basis)	$100000 * 1 / 100 = 1000$	USD
Final Threshold Amount based on Higher of percentage and Amount	1000	USD

- Bill is eligible for auto closure as the bill outstanding amount 900 USD < Threshold amount 1000 USD

Scenario4:

Flow	Detail	Currency
Bill Product	EUNA	
Threshold Amount	100	GBP
Threshold Percentage for Auto Closure	1	
Auto Closure Value	Lower of percentage and Amount	
Bill Amount	100000	USD
Bill Outstanding Amount	900	USD
Exchange Rate	1.3	GBP/USD
Threshold Amount in Bill Currency (Amount Basis)	$100/1.3 = 77$	USD
Threshold Amount in Bill Currency (Percentage Basis)	$100000 * 1 / 100 = 1000$	USD
Final Threshold Amount based on Higher of percentage and Amount	77	USD

- Bill is not eligible for auto closure as the bill outstanding amount 900 USD > Threshold amount 77 USD

Closure Advice:

- Closure advice has been enhanced to display the Closure reason.
 - During manual closure of a Bill, Closure reason can be captured in the field “Remarks” available at Bills/Islamic Bills and Collection Contract input screen.
 - For Auto closure, Closure Reason will be defaulted as “Residual Balance Auto Closed”.

Attached the Sample Advice:



Auto_Closure_Batch_
Advice.txt

6.1.2.1 UI Prototype**BCDPRMNT – Bills Product Definition**

Bills ✕

Product Code ACS8 Product Description INCOMING DOCUMENTAR

Main Interest and Charge Details

Auto Closure Details

Threshold Currency GBP
Threshold Amount 1,000.00
Threshold Percentage 100
Auto Closure Value Higher of Percentage and Amount

Rekey Requirements

Rekey Required ☐ Yes ☒ No
☐ Amount
☐ Currency
☐ Customer
☐ Value Date
☐ Maturity Date
☐ Total Paid

Acceptance Commission Preferences

Interest Component IBC_ACP_IN
Acceptance Components To Be Collected In ☒ Advance ☐ Arrears

Pay Due Advice

Notice Days
Before

Ok Cancel

IBDPRMNT – Islamic Bills and Collection Product Definition

Islamic BC Product Preference ✕

Product Code ISAC Product Description INCOMING USANCE
BILLS NOT UNDER LC
ACCEPTANCE

Main Profit and Charge Details

Auto Liquidation Retry Count

☐ Verify Funds
☒ Auto Status Change
☐ Upload Security

Auto Closure Details

Threshold Currency GBP
Threshold Amount 99.00
Threshold Percentage 10
Auto Closure Value Lower of Percentage and Amount

Rekey Requirements

Rekey Required ☐ Yes ☒ No

Acceptance Commission Preferences

Profit Component IIB_ACP_IN

Ok Exit

6.1.2.2 UI Elements

Not Applicable

6.1.2.3 UI Error Messages

ERR_CODE	TYP E	MESSAGE
BC-ACLS-01	E	Threshold currency is mandatory when Threshold amount is provided
BC-ACLS-02	E	Threshold amount is mandatory when Threshold currency is provided
BC-ACLS-03	E	Auto Closure Value is mandatory when both Threshold Amount and Percentage is entered

7. JV Customer

- System enhanced to support JV customer while processing limits for LC and Guarantee
 - New field Joint venture and Joint venture sub screen is introduced in Trade finance customer Maintenance screen (STDTCIF).
 - Letter of credit contract details and Guarantee and standby letter of credit contract input (LCDTRONL/LCDGUONL) enhanced to JV customer details in parties limits.
 - JV parent field is enabled in parties limits tab, this will get populated while defaulting the limits based on the Joint venture customer setup on Trade finance customer Maintenance screen (STDTCIF).
 - Same changes are applicable for the Islamic screens as well (LIDTRONL,LIDGUONL)
 - While saving LC or Guarantee limits will get utilized for the JV customer

7.1 Feature 1 – Trade Finance Customer Maintenance screen - STDTCIF

- ✓ JV customer details to be maintained in Trade Finance Customer Maintenance screen for the CORPORATE customer category

7.1.1 Functional Flow Diagram

Not Applicable

7.1.2 Detailed Flow

- ✓ New field Joint venture is introduced
- ✓ Joint venture sub screen is introduced to capture the Joint venture party details like Party id, Party name and Radio

7.1.2.1 Prototype

Trade Finance Customer Maintenance - STDTCIF

Trade Finance Customer Maintenance

New Enter Query

Customer No *
Customer Name
Email Address

Customer Category *
☐ Eligible for AR-AP Tracking
☐ Relationship Pricing
☐ Customer Dispatch
☐ Trade Finance Portal
☒ Joint Venture

Misc Details
Charge Group
Tax Group
Location *

Trade Collateral Margin
Trade Collateral Margin

Counter / Counter - Counter Guarantee Revenue Sharing Details
Revenue Sharing Percentage

Sanction Check
☐ Sanction Check Required At Transaction Level

Joint Venture Change Log

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

Exit

Trade Finance Customer Maintenance

Joint Venture Details

Joint Venture Details

1 Of 1 Go

<input type="checkbox"/>	Party ID *	Party Name	Ratio *

Ok Exit

7.1.2.2 UI Elements

Display Name	Description	Attribute Type	Object Type	Required/Mandatory	Data Type/Size	Field Validation	Default Value	Amendable
Joint Venture	Joint venture is categorized using this Joint venture flag	Input	Checkbox	N	Varchar2(1)	Y	N	Y
Party ID	Used to capture the Joint venture party id	Input	Textbox	N	Varchar2(9)	Y		Y
Party Name	Display the party name	Display	Textbox	N		N		
Ratio	Capture the Joint venture ratio	Input	Text	N	Number	Y		Y

7.1.2.3 UI Error Messages

Error Code	Error Condition	Type	Message Text	User Action
ST-CIF-008	Joint venture flag should get checked only for the corporate customer. If it checked for the other than corporate customer, then system will display the error message	Error	Joint Venture is applicable only for corporate customers	Joint Venture is applicable only for corporate customers

7.2 Feature 2 – Letters of Credit Contract details – LCDTRONL/LIDTRONL

- ✓ Letter of Credit Contract details (LCDTRONL) enhanced to capture JV parent details

7.2.1 Functional Flow Diagram

Not Applicable

7.2.2 Detailed Flow

Enabled JV parent field. This will get populated while defaulting the limits based on the JV customer setup done on Trade Finance Customer Maintenance screen (STDTCFICF)

7.2.2.1 Prototype

Letters of Credit Contract details: LCDTRONL

Letters Of Credit Contract Detailed - Transaction Branch Code ::: 000

NewEnter Query

Acknowledgement Reference Number

Product Code *

P

Contract Reference

User Reference

Source Reference

Operation Code *

Operation Description

Source Code FLEXCUBE

Version Number

Of

Previous

Next

Product Description

Product Type

Main

Preferences

Parties

Assignee Details

Parties Limits

Shipment

Goods

Documents

Tracers

Advices

1 Of 1

Go

Liability Number	Linkage Type	% Contribution	Linkage Reference No	Amount Tag	Utilized Limit Amount	JV Parent
------------------	--------------	----------------	----------------------	------------	-----------------------	-----------

Drafts

Commission

Charges

Settlement

Tax

Collateral

Events

Linkage Details

Fields

MIS

Transfer Details

BC Linkages

Split Settlement

Loan Preference

Maker

Checker

Date Time

Date Time

Status

Authorization Status

Exit

Islamic Letters of Credit Contract details (LIDTRONL)

Islamic LC Contract Input - Transaction Branch Code ::: 000

NewEnter Query

Acknowledgement Reference Number

Product Code *

P

Contract Reference

User Reference

Fund Id

Source Reference

Operation Code *

Operation Description

Source Code FLEXCUBE

Version Number

Of

Previous

Next

Product Description

Product Type

Main

Preferences

Parties

Assignee Details

Parties Limits

Shipment

Goods

Documents

Tracers

Advices

1 Of 1

Go

Liability Number	Linkage Type	% Contribution	Linkage Reference No	Amount Tag	Utilized Limit Amount	JV Parent
------------------	--------------	----------------	----------------------	------------	-----------------------	-----------

Drafts

Commission

Charges

Settlement

Tax

Collateral

Events

Linkage Details

Fields

MIS

Transfer Details

IB Linkages

Split Settlement

Maker

Checker

Date Time

Date Time

Status

Authorization Status

Exit

7.2.2.2 UI Elements

Display Name	Description	Attribute Type	Object Type	Required/Mandatory	Data Type/Size	Field Validation	Default Value	Amendable
JV Parent	Joint venture parent customer id	Defaulted	Textbox	N	Varchar2(9)			N

7.2.2.3 UI Error Messages

Error Code	Error Condition	Type	Message Text	User Action

7.3 Feature 3 – Guarantee and Standby Letters of Credit Contract input - LCDGUONL/LIDGUONL

- ✓ Guarantee and Standby Letters of Credit Contract input screen enhanced to capture JV parent details

7.3.1 Functional Flow Diagram

Not Applicable

7.3.2 Detailed Flow

- ✓ Enabled JV parent field. This will get populated while defaulting the limits based on the JV customer setup done on Trade finance customer Maintenance screen (STDTFCIF)

7.3.2.1 UI Prototype

Guarantee and Standby Letter of Credit Contract input (LCDGUONL)

Guarantees and Standby Letters of Credit Contract Input - Transaction Branch Code ::: 000

New Enter Query

Acknowledgement Reference Number Contract Reference

Product Code * P Operation Code * Operation Description

+ Additional Details

Main Preferences Local Undertaking Details Parties **Parties Limits** Documents Tracers Terms and Conditions Liability Change Schedule Advices

1 Of 1 Go

% Contribution	Linkage Reference No	Amount Tag	Utilized Limit Amount	JV Parent

Drafts | Commission | Charges | Settlement | Tax | Collateral | Events | Linkage Details | Fields | MIS | Split Settlement |

Input By Date Time Status

Checker Date Time Authorization Status

Exit

Islamic Guarantee and Standby Letters of Credit Contract input (LIDGUONL)

Islamic Guarantees and Standby Letters of Credit Contract Input - Transaction Branch Code ::: 000

New Enter Query

Acknowledgement Reference Number

Contract Reference

Product Code *

P

Operation Code *

Operation Description

+ Additional Details

Main Preferences Local Undertaking Details Parties **Parties Limits** Documents Tracers Terms and Conditions Liability Change Schedule Advices

1 Of 1

Go

+ -

% Contribution	Linkage Reference No	Amount Tag	Limit Amount	JV Parent

Drafts | Commission | Charges | Settlement | Tax | Collateral | Events | Linkage Details | Fields | MIS | Split Settlement |

Input By

Date Time

Status

Checker

Date Time

Authorization Status

Exit

7.3.2.2 UI Elements

Display Name	Description	Attribute Type	Object Type	Required/Mandatory	Data Type/Size	Field Validation	Default Value	Amendable
JV Parent	Joint venture parent customer id	Default ed	Textbox	N	Varchar2(9)			N

7.3.2.3 UI Error Messages

Not Applicable

8. REPLICATION OF TRADE FINANCE CUSTOMER MAINTENANCE DATA TO OBTFPM

- OBTF maintenance data replication into OBTFPM for Trade Finance Customer maintenance
 - New field Trade Finance Portal is introduced in Trade finance customer Maintenance screen (STDTCIF).

8.1 Feature 1 – Trade finance customer Maintenance screen - STDTCIF

- ✓ Trade Finance Portal flag needs to be checked if the customer is subscribed to OBDX, OBTF.

8.1.1 Functional Flow Diagram

Not Applicable

8.1.2 Detailed Flow

- ✓ New field Trade Finance Portal is introduced

8.1.2.1 Prototype

Trade finance customer Maintenance - STDTCIF

Trade Finance Customer Maintenance

New Enter Query

Customer No *
Customer Name
Email Address

Customer Category *
☐ Eligible for AR-AP Tracking
☐ Relationship Pricing
☐ Customer Dispatch
☒ Trade Finance Portal
☐ Joint Venture

Misc Details
Charge Group
Tax Group
Location *

Trade Collateral Margin
Trade Collateral Margin

Counter / Counter - Counter Guarantee Revenue Sharing Details
Revenue Sharing Percentage

Sanction Check
☐ Sanction Check Required At Transaction Level

Joint Venture | Change Log

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

8.1.2.2 UI Elements

Display Name	Description	Attribute Type	Object Type	Required/Mandatory	Data Type/Size	Field Validation	Default Value	Amendable
Trade Finance Portal	Flag is checked if customer is subscribed to OBDX, OBTF	Input	Checkbox	N	Varchar2(1)	N	N	Y

8.1.2.3 UI Error Messages

Not Applicable

9. End of Day Process

9.1 Movement of Transaction Accounting to History Table

- ✓ Currently the Transaction data completely resides in Transaction Accounting table, now during Post End of Previous Day stage, the data from Transaction Accounting (TFTB_ACCOUNTING_TXN) table will get moved to Transaction Accounting History (TFTB_ACCOUNTING_TXN_HIST) table.

9.1.1 Functional Flow Diagram

Not Applicable

9.1.2 Detailed Flow

Not Applicable

9.1.2.1 Prototype

Not Applicable

9.1.2.2 UI Elements

Not Applicable

9.1.2.3 UI Error

Not Applicable

10. Trade Finance External Accounting Handoff

10.1 Feature – Introduction of Asynchronous Processing for EA Handoff

Currently, the EA handoff from Trade Finance to external system is a synchronous process, which is processed by the TF_EA_CALL quartz job, which runs simultaneously during the EOD process. We have introduced a New Quartz Job TF_EA_GL_CALL which will be asynchronous process for processing the accounting entries which are for batches containing Events which has accounting entries for GL Only.

10.1.1 Functional Flow Diagram

Not Applicable

10.1.2 Detailed Flow

A new parameter is introduced in cstb_params called TF_EA_GL_CALL_ENABLED. This is 'N' by default. This would not change the current behavior of EA Handoff.

In order to enable the new asynchronous processing of GL records for EA handoff, the parameter TF_EA_GL_CALL_ENABLED should be set to 'Y'. In this case, EA handoff will be processed in two different ways

- Batches containing Events which has accounting entries for **GL Only**
 - New Quartz Job **TF_EA_GL_CALL** will process
 - Asynchronous processing using MDB Queues
 - Request sent to MDB_QUEUE in FCUBS Server
 - A new MDB Listener is introduced to read the response from MDB_QUEUE_RESPONSE and update the status to OBTF
 - Multithreading – User can Provides Number of Thread in STDJOBMT (Parameter Name – NO_OF_THREADS)
- Batches containing Events which has accounting entries for **GL & Account_Numbers**
 - Existing **TF_EA_CALL** Job will be used to process
 - Synchronous Process
 - Sequential Process
 - Single Threaded

The below Maintenance should be updated for the new job TF_EA_GL_CALL in STDJOBMT.

Interval in seconds: It is recommended to maintain as 5 to get the better performance.

Parameter Name:

BLOCK_SIZE : Can be maintained as 100 , 500 or 1000 based on the db commit frequency and number of records.

NO_OF_THREADS : It is recommended to maintain as 50.

Note:

- DB commit frequency for accrual batches can be updated to 500.

Queue Connection Profile Maintenance

A new screen “Queue Connection Profile Maintenance” TFDQPROF is introduced for maintaining queue connection details in OBTF .

The new job “TF_EA_GL_CALL” gets queue connection details from the below screen and posts the EA request to FCUBS MDB_QUEUE

The “Profile Id” should be maintained as “TF_EA_GL_CALL”.

Context Provider URL is FCUBS connection URL of MDB_QUEUE.

Field	Field Type	Description
Profile ID	Text	Valid profile ID /Job Code
Profile Description	Text	Description about the Profile ID
User Id	Text	This value should be provided only if “Queue Authentication Required “ is checked
Password	Text	This value should be provided only if “Queue Authentication Required “ is checked
Context Provider URL	Text	Url to connect with MDB_QUEUE in FCUBS
Initial Context Factory Class	Text	Context Factory class details of FCUBS
Queue Factory JNDI	Text	Queue connection factory details of FCUBS
Queue Authentication Required	Checkbox	Check this box if more level of authentication required.

10.1.2.1 UI Prototype

TFDQPROF - Queue Connection Profile Maintenance

Multi Factor Not Authenticated

Entity : ENTITY_ID1

Branch : 000

2021-05-05

Window

Eldho_a

TFDQPROF

Queue Connection Profile Maintenance

Save

Profile ID * TF_EA_GL_CALL

Profile Description TF_EA_GL_CALL

User ID

Password

Context Provider URL

Initial Context Factory Class weblogic.jndi.WLInitialConte

Queue Factory JNDI MDBQCF

☐ Queue Authentication Required

Maker

Checker

Date Time:

Date Time:

Mod No

Record Status

Authorization Status

Cancel

10.1.2.2 UI Elements

Not Applicable

10.1.2.3 UI Error Messages

Not Applicable