Integration Guide

Oracle Banking Trade Finance Process Management

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Integration Guide
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1. About this Manual

1.1 Introduction

Purpose:

This document provides integration service recommendations for Oracle Banking Trade Finance Process Management 14.6.0.0.0.

Audience:

This guide is primarily intended for Developers for Oracle Banking Trade Finance Process Management and third party or vendor software's. Some information may be relevant to IT decision makers and users of the application are also included. Readers are assumed to possess basic operating system, network, and system administration skills with awareness of vendor/third-party software's and knowledge of Oracle Banking Trade Finance Process Management application.

1.2 Scope

1.2.1 Read Sections Completely

Each section should be read and understood completely. Instructions should never be blindly applied. Relevant discussion may occur immediately after instructions for an action, so be sure to read whole sections before beginning implementation.

1.2.2 Understand the Purpose of this Guidance

The purpose of the guidance is to provide necessary integration services for Oracle Banking Trade Finance Process Management 14.7.4.0.0.

1.2.3 Limitations

This guide is limited in its scope to integration services guideline for developers.

2. Integration services

2.1 <u>Services required for integration</u>

The services listed below are required for OBTFPM integration. Please make sure that the following services are available before the implementation:

S.No	Provider System	Service URL	Service Description	Stage/Domain/Reason When Called	Remarks
1.	ELCM	ELFacilityService/Query Facility	Verify facilities availability	Scrutiny Stage/Trade Finance processes/Verify Limits Availability	Service API which is used to verify the Limit for the specific customer Service used in (Scrutiny stage) : All Trade Process
2.	ELCM	ELFacilityBlockService/CreateFacilityBlock	Earmark facilities available	Data Enrichment Stage/Trade Finance processes/Earmark Limits	Service API which is used to block the Limit for the specific customer Service used in (Data Enrichment stage) : All Trade Process
3.	ELCM	ELFacilityBlockService/CloseFacilityBlock	Release earmarking facilities available	Handoff Stage/Trade Finance processes/Release earmarked limits	Service API which is used to Release the Limit for the specific customer Service used in (Hand off stage) : All Trade Process
4.	FCUBS	FCUBSSTService/QueryKYCDetails	Verify KYC of a customer	Data Enrichment Stage/Trade Finance processes/To verify KYC of the customers	Service API which is used to perform KYC check for the specific customer in back office / external system Service used in (Data Enrichment stage) : All Trade Process

S.No	Provider System	Service URL	Service Description	Stage/Domain/Reason When Called	Remarks
5.	OBTF	OBTFLCService/QueryContractSim	Contract Reference Number Generation	Registration, Scrutiny Stage(first stage)/Trade Finance processes/To generate contract reference number	Service API which is used to generate a unique contract reference number from back office system. Service used in (Registration stage) : All Trade Process
6.	OBTF	OBTFLCService/CreateContractSim	Simulation of LC Contract Creation	Data Enrichment Stage/Import LC Issuance/Retrieve charges, commissions, taxes Data Enrichment Stage/Export LC Advise/Retrieve charges, commissions, taxes	Service API which is used to calculate the charges, commissions and taxes at enrichment stage from back office system. Service used in (Data Enrichment stage) : Import LC Issuance Export LC Advise
7.	OBTF	OBTFLCService/SummaryQueryContractSim	Summary Query For Contract	Registration Stage/Import LC Amendment/To retrieve list of issued LC Registration Stage/Export LC Amendment/To retrieve list of advised LC Registration Stage/Import LC Drawing/To retrieve list of issued LC Registration Stage/Export LC Drawing/To retrieve list of advised LC	Service API which is used to fetch the Approved Letter of credit contracts (summary) from back office system. Service used in (Registration stage) : Import LC Amendment Export LC Amendment Import LC Drawing Export LC Drawing process

S.No	Provider System	Service URL	Service Description	Stage/Domain/Reason When Called	Remarks
8.	OBTF	OBTFLCService/CreateContract	Create LC contract	Handoff / Import LC Issuance / Handoff to the back-office system. Handoff / Export LC Advise / Handoff to the back-office system.	Service API which is used to hand off the letter of credit contract details to back office system and create a new contract in back office. Service used in (Post Approval stage) : Import LC Issuance Export LC process
9.	OBTF	OBTFLCService/QueryContract	Query LC Contract	Registration Stage/Import LC Amendment/To retrieve details of a issued LC Registration Stage/Export LC Amendment/To retrieve details of a advised LC Registration Stage/Import LC Drawing/To retrieve details of a issued LC Registration Stage/Export LC Drawing/To retrieve details of a advised LC	Service API which is used to fetch the Letter of credit contracts (details) from back office system. Service used in (registration stage) : Import LC Amendment Export LC Amendment Import LC Drawing Export LC Drawing process
10.	OBTF	OBTFLCService/ModifyContract	Modify LC Contract	NA	

S.No	Provider System	Service URL	Service Description	Stage/Domain/Reason When Called	Remarks
11.	OBTF	OBTFLCService/QueryAmendConfirm	Query LC Amendment Input	Scrutiny Stage/Import LC Amendment/Retrieve details of a single LC Amendment Scrutiny Stage/Import LC Amendment Beneficiary Consent/Retrieve details of a single LC Amendment Scrutiny Stage/ Export LC Amendment and beneficiary Consent/Retrieve details of a single Amendment	Service API which is used to fetch the Single amendment of Letter of credit contracts (details) from back office system. Service used in (Scrutiny stage) : Import LC Amendment Export LC Amendment process
12.	OBTF	OBTFLCService/CreateAmendConfirm	Create LC Amendment Input	Handoff / Import LC Amendment	Service API which is used to hand off the amendment details of letter of credit contract to back office system and create a new contract in back office. Service used in (Post approval stage) : Amendment of Import LC process Amendment of Export LC process

S.No	Provider System	Service URL	Service Description	Stage/Domain/Reason When Called	Remarks
13.	OBTF	OBTFLCService/ConfirmAmendConfirm	Confirm LC Amendment Input	Handoff Stage/Import LC Amendment Beneficiary Consent /Handoff the details to back-office system.	Service API which is used to handoff Import LC / Export LC Amendment on Beneficiary Consent to back-office system. Service used in (Hand off stage) : Amendment of Import LC Beneficiary Consent process Amendment of Export LC Beneficiary Consent process
14.	OBTF	OBTFLCService/AuthorizeAmendConfirm	Authorize LC Amendment Input	Handoff Stage/Import LC Amendment Beneficiary Consent /Authorize the handed off details to back-office system through OBTFLCService/ConfirmAmendConfirm	Service API which is used to Authorize the Import LC / Export LC Amendment in back-office system. Service used in (Hand off stage) : Amendment of Import LC Beneficiary Consent process Amendment of Export LC Beneficiary Consent process

S.No	Provider System	Service URL	Service Description	Stage/Domain/Reason When Called	Remarks
15.	OBTF	OBTFLCSer vice/Summa ryQueryAme ndConfirm	Summary Query LC Amendment Input	Registration Stage/Import LC Amendment Beneficiary Consent/Summary query to retrieve list of LC Amendments	Service API which is used to fetch the amendment details of Letter of credit contracts (summary) from back office system. Service used in (Registration stage) : Amendment of Import LC Beneficiary Consent process Amendment of Export LC Beneficiary Consent process
16.	OBTF	OBTFBCSer vice/QueryC ontract	Query BC Contract	Registration Stage / Import LC Drawing Amendment Import/Export update Documentary Collection / Retrieve the details of a single Import LC Drawing/ / Retrieve the details of a single Import Export Documentary Collection Booking/ Registration Stage / Import LC Drawing Liquidation / Retrieve the details of a single Import LC Drawing	Service API which is used to fetch the Import / Export Bills contracts (details) from back office system. Service used in (Registration stage) : Import LC Drawing Amendment process Import LC Drawing Liquidation process Import/Export Update Documentary Collection Import/Export Documentary Collection Liquidation

S.No	Provider System	Service URL	Service Description	Stage/Domain/Reason When Called	Remarks
17.	OBTF	OBTFBCService/Create Contract	Create BC Contract	Handoff Stage / Import /Export LC Drawing Import/Export Documentary Collection Booking / Handoff the details of a Import /Export LC Drawing Import/Export Documentary Collection Booking	Service API which is used to create an Import / Export Bills contracts (details) in back office system. Service used in (Hand off stage) : Import /Export LC Drawing Import/Export Documentary Collection Booking
18.	OBTF	OBTFBCService/Modify Contract	Modify BC Contract	Handoff Stage / Import /Export LC Drawing Amendment / Handoff the details of a Import LC Drawing Amendment/Import/Export Update Documentary Collection Handoff Stage / Import LC Drawing Acceptance / Handoff the details of a Import LC Drawing Acceptance Import/Export Update Documentary Collection	Service API which is used to amendment on the Import / Export Bills contracts (details) in back office system. Service used in (Hand off stage) : Import /Export LC Drawing Amendment Import /Export LC Drawing Acceptance Import/Export Update Documentary Collection Booking

S.No	Provider System	Service URL	Service Description	Stage/Domain/Reason When Called	Remarks
19.	OBTF	OBTFBCService/LiquidateContract	Liquidate BC Contract	Handoff Stage / Import /Export LC Drawing Liquidation Import/Export Documentary Collection Liquidaton / Handoff the details of a Import /Export LC Drawing Liquidation Import/Export Documentary Collection Liquidation	Service API which is used to Liquidate the Import / Export Bills contracts in back office system. Service used in (Hand off stage) : Import /Export LC Drawing Liquidation Import/Export Documentary Collection Liquidation
20.	FCUBS	FCUBSBCService/ SummaryQueryBCContractSim	Summary Query BC Contract	Registration Stage / Import LC Drawing Amendment Import/Export Update Documentary Collection / List of Import LC Drawing available/List of Import/Export Documentary collection bookings are available Registration Stage / Import LC Drawing Liquidation /Import/Export update and Liquidation of Documentary Collection/ List of Import LC Drawing available / List of Import /Export Documentary Collection available	Service API which is used to fetch the Import / Export Bills contracts (summary) in back office system. Service used in (Hand off stage) : Import /Export LC Drawing Amendment Import /Export LC Drawing Liquidation Import/Export Update Documentary Collection Import/Export Documentary Collection Liquidation

S.No	Provider System	Service URL	Service Description	Stage/Domain/Reason When Called	Remarks
21.	OBTF	OBTFLCService/Create Guarantee	Create Guarantee Contract	Handoff / Guarantee Issuance / Handoff to the back-office system. Handoff / Guarantee Advise / Handoff to the back-office system.	Service API which is used to create a guarantee contract (details) in back office system. Service used in (Hand off stage) : Guarantee Issuance Guarantee Advise
22.	OBTF	OBTFLCService/QueryGuarantee	Query Guarantee Contract	NA	
23.	OBTF	OBTFBCService/CreateBCContractSim	Simulation of BC Contract Creation	Scrutiny Stage / Import /Export LC Drawings / Import/Export Documentary Collection Booking Retrieve charges, commissions, taxes	Service API which is used to calculate the charges, commissions and taxes of Bills contract from back office system. Service used in Scrutiny Stage) : Import /Export LC Drawings Import/Export Documentary Collection Booking

S.No	Provider System	Service URL	Service Description	Stage/Domain/Reason When Called	Remarks
24.	OBTF	OBTFBCService/ModifyBCContractSim	Simulation of BC Contract Modification	Scrutiny and Data Enrichment / Import /Export LC Drawing Amendment Import/Export Update Documentary Collection/ / Handoff the details of a Import LC Drawing Amendment/ Import/Export update Documentary Collection Scrutiny and Data Enrichment / Import LC Drawing Acceptance / Handoff the details of a Import LC Drawing Acceptance	Service API which is used to modify the Bills contract in back office system. Service used in (Scrutiny and Data Enrichment stage) : Import LC Drawing Amendment Import LC Drawing Acceptance Import/Export Update Documentary Collection Process
25.	OBTF	OBTFBCService/LiquidateBCContractSim	Simulation of BC Contract Liquidation	Data Enrichment Stage / Import /ExportLC Liquidation/ Import/Export Documentary Collection Liquidation / Retrieve charges, commissions, taxes	Service API which is used to fetch the charges, commission and charges during the liquidation of the Bills contract in back office system. Service used in (Data Enrichment stage) : Import/Export LC Liquidation Import /Export Documentary Collection Liquidation
26.	FCUBS	FCUBSCustomerService/QueryCustomer	Query Customer	Data Enrichment Stage/Trade Finance processes/ To retrieve customer details of a customer.	Service API which is used to fetch the customer details from back office system. Service used in (Registration, Scrutiny and Data Enrichment stage) : All trade process

S.No	Provider System	Service URL	Service Description	Stage/Domain/Reason When Called	Remarks
27.	FCUBS	FCUBSCore Service/Que ryAmountCo nversion	Query Amount Conversion	Data Enrichment Stage/Trade Finance processes/ Used for amount conversion as per the local currency and arrive at the number of approval levels needed.	Service API which is used to perform currency conversion in back office system. It is used to arrive the number of approvals is required to approve the contract Service used in (Data Enrichment stage) : All trade process
28.	FCUBS	FCUBSAcc Service/Que ryCustAcc	Query Customer Account	Data Enrichment Stage/Trade Finance processes/ To verify the account balance of a given customer account.	Service API which is used to fetch the account balance from back office system. Service used in (Data Enrichment stage) : All trade process
29.	OBTF	OBTFMSSe rvice/Query GetDcnMes sages	Query Incoming Messages	Registration Stage / Export LC Advise / Retrieve the message of a given contract reference number.	Service API which is used to fetch the unprocessed SWIFT incoming message (details) from back office system. Service used in (Scrutiny stage) : Export LC Advise Process Amendment on Export LC Advise Process Guarantee advise Process

S.No	Provider System	Service URL	Service Description	Stage/Domain/Reason When Called	Remarks
30.	OBTF	OBTFMSSe rvice/Modify GetDcnMes sages	Modify Incoming Messages	Registration Stage / Export LC Advise / Modify the status of a message of a given contract reference number. This status denotes whether the message has been processed in the MID-OFFICE.	Service API which is used to update the status of the specific SWIFT incoming message in back office system. Service used in (Scrutiny stage) : Export LC Advise Process Amendment on Export LC Advise Process Guarantee advise Process
31.	OBTF	OBTFMSSe rvice/Summ aryQueryGe tDcnMessag es	SummaryQu ery Incoming Messages	Registration Stage / Export LC Advise / Retrieve the list of messages for a given message type. Say for example list of messages of type MT700.	Service API which is used to fetch the all unprocessed SWIFT incoming messages (summary) from back office system. Service used in (Scrutiny stage) : Export LC Advise Process Amendment on Export LC Advise Process Guarantee advise Process
32.	OBTF	OBTFCSSer vice/QueryT TFEvent	Query Contract Events	Registration Stage/Import LC Amendment//To retrieve the events on an Import LC Issuance.	Service API which is used to fetch the LC contract events details from back office system. Service used in (Registration stage) : Import LC Issuance Process

S.No	Provider System	Service URL	Service Description	Stage/Domain/Reason When Called	Remarks
33.	FCUBS	FCUBSFXService/SummaryQueryContract	SummaryQuery FX Contract	Data Enrichment Stage / Import LC Drawings / To retrieve list of FX contracts	Service API which is used to fetch the ForEx contract details (summary) from back office system. Service used in (Data Enrichment stage) : Import LC Drawings Process
34.	FCUBS	FCUBSFXService QueryContract	Query FX Contract	Data Enrichment Stage / Import LC Drawings / To retrieve the details of a given FX contract	Service API which is used to fetch the ForEx contract details for a given contract (detail) from back office system. Service used in (Data Enrichment stage) : Import LC Drawings Process
35.	FCUBS	FCUBSCustomerService.CreateAmtBlk	Create Amount Block	Data Enrichment Stage / Trade Finance processes / Create Amount Block	Service API which is used to block the amount for a given account Service used in (Data Enrichment stage) : All trade Process
36.	FCUBS	FCUBSCustomerService.QueryAmtBlk	Query the details of an Amount Block.	Data Enrichment Stage / Trade Finance processes / Query the details of an Amount Block	Service API which is used to fetch the amount blocks for a given amount block reference no from back office Service used in (Data Enrichment stage) : All trade Process

S.No	Provider System	Service URL	Service Description	Stage/Domain/Reason When Called	Remarks
37.	FCUBS	FCUBSCustomerService.CloseAmtBlk	Close Amount Block	Handoff Stage / Trade Finance processes / Release Amount Block	Service API which is used to release the amount blocks for a given reference, in back office Service used in (Data Enrichment stage) : All trade Process
38.	EXTERNAL SYSTEM	Sanctions Check	Perform Sanctions Check for a given transaction	Data Enrichment Stage/Trade Finance processes/To perform Sanctions Check of the customers	Service API which is used to trigger the external system - Sanction check service with customer details. It is an external service call. Service used in (Data Enrichment stage) : All trade Process
39.	EXTERNAL SYSTEM	Anti-Money Laundering Check	Perform Anti Money Laundering Check for a given transaction	Data Enrichment Stage/Trade Finance processes/To perform AML Check of the customers	Service API which is used to trigger the external system - Anti Money laundering check system with customer details. It is an external service call. Service used in (Data Enrichment stage) : All trade Process

Note: If the above listed are not used, then the other back office/external systems must have similar APIs to achieve full benefits of OBTFPM application.

S.No	Provider System	Service URL	Service Description	Stage/Domain/Reason When Called	Remarks
1.	OBTF	OBTFBCService/CloseContract	CloseContract	/ Handoff BC /Documentary Collection contract to the back-office system. Handoff / closing the contract / Handoff to the back-office system.	Service API which is used to Close BC contract (details) in back office system. Service used in (Hand off stage) : Close BC contract Close Import/Export Documentary collection Contract
2.	OBTF	OBTFBCService/CloseBCContractSim	CloseBCContractSim	Data Enrichment Stage BC/ Import/export Documentary Collection Contracts / Retrieve charges, commissions,taxes.	Service API which is used to close the Bills contract in back office system. Service used in (Scrutiny and Data Enrichment stage) : Import /export Documentary Collection Return process