

Oracle Banking Trade Finance - Oracle Banking
Corporate Lending Integration User Guide
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1. Preface

1.1 Introduction

This document is designed to help acquaint you with the integration of Oracle Banking Corporate Lending and Oracle Banking Trade Finance.

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

1.2 Audience

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

Role	Function
Implementation Partners	Provide customization, configuration and implementation services

1.3 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

1.4 Organization

This manual is organized into the following chapters:

Chapter	Description
Chapter 1	<i>Preface</i> gives information on the intended audience. It also lists the various chapters covered in this User Manual.
Chapter 2	This chapter helps you integrate Oracle Banking Corporate Lending and Trade product in a single instance.

1.5 Acronyms and Abbreviations

Abbreviation	Description
FCUBS	Oracle FLEXCUBE Universal Banking
OBCL	Oracle Banking Corporate Lending
OBTF	Oracle Banking Trade Finance
OL	Oracle Lending
System	Unless and otherwise specified, it shall always refer to Oracle FLEX-CUBE Universal Banking Solutions system
WSDL	Web Services Description Language

1.6 Glossary of Icons

This user manual may refer to all or some of the following icons.

Icons	Function
	Exit
	Add row
	Delete row
	Option List

2. OBCL - OBTF Integration

This chapter contains the following sections:

- [Section 2.1, "Introduction"](#)
- [Section 2.2, "Maintenances in OBCL"](#)
- [Section 2.3, "Maintenances in OBPM"](#)

2.1 Introduction

You can integrate Oracle Banking Corporate Lending (OBCL) with trade. To integrate these two products, you need to do specific maintenances in OBTF (Oracle Banking Trade Finance) and OBCL.

2.2 Maintenances in OBCL

The integration between OBCL and OBTF enables the linkage to support for the below features,

- Packing Credit Loan to be liquidated on purchase of Export Bill
- On Liquidation of Import Bill Loan has to be created
- Loan has to be created as collateral of shipping guarantee
- Link to Loan

This section contains the following topics:

- [Section 2.2.1, "External System Maintenance"](#)
- [Section 2.2.2, "Branch Maintenance"](#)
- [Section 2.2.3, "Host Parameter Maintenance"](#)
- [Section 2.2.4, "Integration Parameters Maintenance"](#)
- [Section 2.2.5, "External System Functions"](#)
- [Section 2.2.6, "Loan Parameter Maintenance"](#)
- [Section 2.2.7, "External LOV And Function ID Service Mapping"](#)

2.2.1 External System Maintenance

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

You need to define an external system for a branch that communicates with the OBCL using integration gateway.

Note

Ensure in OBCL you maintain an active record with all the required fields and 'External System' as "OLIFOBTF" in 'External System Maintenance' screen.

For more information external system maintenances, refer to *Common Core - Gateway User Guide*.

2.2.2 Branch Maintenance

You need to create a branch in 'Branch Core Parameter Maintenance' (STDCRBRN) screen.

You can use this screen for capturing basic branch details like branch name, branch code, branch address, weekly holiday, and so on.

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

You can specify a host for every branch created.

2.2.3 Host Parameter Maintenance

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

Note

- In OBCL, ensure you maintain host parameter with an active record with all the required fields.
 - OBTF system is for trade integration, you have to provide 'OLIFOBTF' as value for this field.
-

Parameter	Value
Host Code	HOST1
Host Description	HOST1
Accounting System Code	OLINTSYS
GL System code	OLINTSYS
ELCM System	OLELCM
Payment System	INTBANKING
OBCL Integration System	OLINTSYS
Blockchain System	OLBLKN
Payment Network Code	SWIFT
OBTF System	OLIFOBTF
CD System	

Maker GOPIAL02	Date Time: 2017-04-01 04:33:14	Mod No 3	Record Status Open
Checker GOPIAL02	Date Time: 2017-04-01 04:33:14	Authorization Authorized Status	Exit

Specify the following details

Host Code

Specify the host code.

Host Description

Specify the brief description for the host.

OBTF System

Specify the external system. For trade integration system, it is 'OLIFOBTF'

2.2.4 Integration Parameters Maintenance

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

Note

Ensure you maintain an active record with all required fields and Service Name as “OBTFIFService” in ‘Integration Parameters Maintenance’ screen

The screenshot shows the 'Integration Parameters Maintenance' window. At the top, there are tabs: New, Copy, Close, Unlock, Print, Enter Query. Below this, there are several input fields for configuration: Branch Code (set to ALL), External System (set to OLIFOBTF), and External User (set to PREETHI_A). There are also checkboxes for 'Amount Block Validation Required', 'Offset Required', 'Offset Netting Required', and 'Allow Force Post'. The main table has columns: Service Name, Communication Channel, Communication Mode, Communication Layer, WS Service Name, WS Port, WS Endpoint URL, WS User, WS Password, WS XSL File, and Custom C. The 'OBTFIFService' record is selected, showing a REST communication channel, SYNCHRONOUS mode, and a WS Endpoint URL of http://10.40.152.118:8004/003OBTFIFService/OBTFIFService/WSOOL. The bottom status bar shows: Maker ARUNA2, Date Time: 2017-04-01 19:31:27, Mod No: 1, Record Status: Open, Checker ARUNA1, Date Time: 2017-04-01 19:34:51, Authorization Status: Authorized, and buttons for OK and Exit.

This screenshot shows the same 'Integration Parameters Maintenance' window, but with a different set of input fields and table columns. The input fields are the same as in the first screenshot. The table has columns: Custom Classname, ATM Server IP, ATM Server Port, MDB OCF, MDB Out Queue, MDB Response Queue, Rest Service IP, Rest Service Port, Rest Service Pattern, and Rest Service Context. The 'OBTFIFService' record is selected, showing a Rest Service IP of 10.40.152.118, Rest Service Port of 8004, Rest Service Pattern of LevService, and Rest Service Context of PC/NeoWeb. The bottom status bar is identical to the first screenshot.

Branch Code

Specify as 'ALL' in case the integration parameters are common for all branches.

Or

Maintain for individual branches.

External System

Specify external system as 'OLIFOBTF'.

Service Name

Specify service name as 'OBTFIFService'.

Communication Channel

Specify the communication channel as 'Web Service'.

Communication Mode

Specify the communication mode as 'ASYNC'.

WS Service Name

Specify the web service name as 'OBTFIFService'.

WS Endpoint URL

Specify the WSDL of the services as 'OBTFIFService' WSDL link.

WS User

Maintain the OBTF user with access to all branches.

2.2.5 External System Functions

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

Fields	
Maker ARUNA1	Date Time: 2017-04-01 18:07:13
Checker KRIT11	Date Time: 2017-04-01 20:10:09
Mod No 1	Record Status Open
	Authorization Authorized Status

Exit

External System Functions

New Copy Close Print Enter Query

External System * OLIFOBTF

Function * OLGTRAUT

Action * AUTHORIZE

Service Name FCUBSOLService

Operation Code AuthorizeContractAuth

Description OLIFOBTF

Bulk SMS Check

Fields

Maker PREETHI_A	Date Time: 2017-04-01 21:01:54	Mod No 1	Record Status Open	Exit
Checker PREETHI_A	Date Time: 2017-04-01 21:01:54		Authorization Authorized Status	

External System Functions

New Copy Close Print Enter Query

External System * OLIFOBTF

Function * OLGTRONL

Action * DELETE

Service Name FCUBSOLService

Operation Code DeleteContract

Description OLIFOBTF

Bulk SMS Check

Fields

Maker ARUNA1	Date Time: 2017-04-01 18:07:00	Mod No 1	Record Status Open	Exit
Checker ARUNA2	Date Time: 2017-04-01 18:29:34		Authorization Authorized Status	

External System Functions

New Copy Close Print Enter Query

External System * OLIFOBTF

Function * OLGTRONL

Action * REVERSE

Service Name FCUBSOLService

Operation Code ReverseContract

Description OLIFOBTF

Bulk SMS Check

Fields

Maker ARUNA1

Checker KRIT11

Date Time: 2017-04-01 18:08:13

Date Time: 2017-04-01 20:10:44

Mod No 1

Record Status Open

Authorization Authorized

Status

Exit

External System Functions

New Copy Close Print Enter Query

External System * OLIFOBTF

Function * OLGIFPMT

Action * NEW

Service Name FCUBSOLService

Operation Code CreateMultiLoanPayme
nt

Description OLIFOBTF

Bulk SMS Check

Fields

Maker ARUNA1

Checker ARUNA2

Date Time: 2017-04-01 18:05:33

Date Time: 2017-04-01 18:26:06

Mod No 1

Record Status Open

Authorization Authorized

Status

Exit

External System Functions

New Copy Close Print Enter Query

External System * OLIF0BTF

Function * OLGIFPMT

Action * AUTHORIZE

Service Name FCUBSOLService

Operation Code AuthorizeMultiLoanPay
ment

Description OLIF0BTF

Bulk SMS Check

Fields

Maker ARUNA1	Date Time: 2017-04-01 18:04:41	Mod No 1	Record Status Open	Exit
Checker ARUNA2	Date Time: 2017-04-01 18:25:25		Authorization Authorized Status	

External System Functions

New Copy Close Print Enter Query

External System * OLIF0BTF

Function * OLGIFPMT

Action * DELETE

Service Name FCUBSOLService

Operation Code DeleteMultiLoanPayme
nt

Description OLIF0BTF

Bulk SMS Check

Fields

Maker ARUNA1	Date Time: 2017-04-01 18:05:54	Mod No 1	Record Status Open	Exit
Checker ARUNA2	Date Time: 2017-04-01 18:25:50		Authorization Authorized Status	

For more information external system maintenances, refer to Common Core - Gateway User Guide

External System

Specify external system as 'OLIFOBTF'.

Function

Maintain for the functions

- OLGIFPMT
- OLGTRONL

Action

Specify the action as

Function	Action
OLGTRONL/OLGIFPMT	NEW
	AUTHORIZE
	DELETE
	REVERSE

Service Name

Specify the service name as 'FCUBSOLService'.

Operation Code

Specify the operation code as

Function	Operation Code
OLGTRONL	CreateContract
	AuthorizeContractAuth
	DeleteContract
	ReverseContract
OLGIFPMT	CreateMultiLoanPayment
	AuthorizeMultiLoanPayment
	DeleteMultiLoanPayment
	ReverseMultioanPayment

2.2.6 Loan Parameter Maintenance

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

Param * LOAN	Value
☐ UCF FLAT UNREALIZED LIQD ADVICE	DCF_FLAT_UNRLZ
☐ DCF COMPONENTS FOR NEGATIVE AMOUNT	
☐ LOAN LEVEL NEGATIVE CARRYING VALUE FAS91 COMPONENT	CONTRAFAS9
☐ DNS_NAME_LOOKUP	jdbofcjpmDS
☐ RATE DISPLAY DECIMAL	0
☐ INTERFACE ID	
☐ CD INTEGRATION SOURCE	OLIFCDSYS
☐ TRADE INTEGRATION SOURCE	OLIFOBTF

Param * LOAN	Value
☐ Proceed with Previous Rate Available	☒
☐ Accrual Entry On Holiday	☒
☐ TRADE INTEGRATION	☒
☐ 360 INTEGRATION	☐
☐ CLEARPAR TRADEID IN FIELD72	☒
☐ AUTO CONFIRM MESSAGES	☒
☐ AUTOMATE TICKET SETTLEMENT	☒
☐ Split Rollover Acc Entry	☒
☐ DE ACCELERATION ALLOWED	☒
☐ RESET NETRATE	☒

Maker KUM004 Date Time: 2019-07-08 15:55:50 Mod No: 53 Record Status: Open
 Checker KUM111 Date Time: 2019-07-08 15:56:51 Authorization Status: Authorized Exit

Param Label

Specify the param label as 'TRADE INTEGRATION'.

Param Value

Enable the check box to specify the value as 'Y'.

2.2.7 External LOV And Function ID Service Mapping

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

External LOV and Function Id Service Mapping

New Copy Close Unlock Print Enter Query

External Call Type * Function Id
☐ LOV
☐ OLDTRONL

Function Id * OLDTRONL

Key Id * LOV_BCREFNO

External System * OLIFOBTF

Service * ExtLovService

Operation * GetBCCContractDtIs

Maker ARUNA1 Date Time: 2017-04-01 10:18:04 Mod No 1 Record Status Open
 Checker ARUNA2 Date Time: 2017-04-01 10:21:39 Authorization Authorized Status

Exit

2.3 Maintenances in OBTF

- [Section 2.3.1, "External Service Maintenance"](#)
- [Section 2.3.2, "Integration Parameter Maintenance"](#)
- [Section 2.3.3, "External System Functions"](#)

2.3.1 External Service Maintenance

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

Trade Finance External System Maintenance

New Copy Close Unlock Enter Query

External System * OLIFOBTF
 Description External Loan System

Inter System Bridge GL * 261100005

Source System * FCUBS

Entity ID * ENTITY_ID1

External System Type * Loans

Read Time Out (In Seconds) 100

Connection Time Out (In Seconds) 100

Archival Days 0

1 Of 1 Go

Service Code	Service Name	Operation Code	Rest/Web Service User Option	Rest/Web Service User	
GenLoanMessage	FCUBSOLService	NEW	Contract User	PREETHI_A	http://whf00bmb.7f

Maker PREETHI_B Date Time: 2020-01-11 10:29:55 Mod No 9 Record Status Open
 Checker PREETHI_B Date Time: 2020-01-11 10:29:55 Authorization Authorized Status

Exit

For more information external system maintenances, refer to Common Core - Gateway User Guide

External System

Specify the external system as 'OBCL'.

External User

Specify the external User. Maintain the user in SMDUSRDF.

Type

Specify the type as 'SOAP Request'

Service Name

Specify the Service name as 'FCUBSOLService'.

WS Endpoint URL

Select the WSDL of the services as 'FCUBSOLService' WSDL link.

2.3.2 Integration Parameter Maintenance

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

Integration Parameters Maintenance

New Enter Query

Branch Code *
Description

External System *
Description

Offset Transaction Code
Description

Offset Amount Tag
Description

Amount Block Validation Required
Offset Required
Offset Netting Required
Allow Force Post

External User

1 Of 1 Go

Service Name	Communication Channel	Communication Mode	Communication Layer	WS Service Name	WS Port	WS Endpoint URL	WS User	WS
--------------	-----------------------	--------------------	---------------------	-----------------	---------	-----------------	---------	----

Maker
Checker

Date Time:
Date Time:

Mod No

Record Status
Authorization Status

Ok Exit

2.3.3 External System Functions

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

[illegible]

For more information external system maintenances, refer to Common Core - Gateway User Guide

External System

Specify external system as 'OLIFOBTF'.

Function

Maintain for the functions 'IFGOLCON' and 'IFGOLPRT'.

Action

Specify the action as 'NEW'.

Function	Action
IFGOLCON	NEW
	UNLOCK
	DELETE
IFGOLPRT	NEW
	UNLOCK

Service Name

Specify the service name as 'OBTFIFService'.

Operation Code

Specify the operation code as 'CreateOLContract' for the function 'IFGOLCON' – this service will be consumed by OBCL to propagate OL contracts.

Specify the operation code as 'CreateOLProduct' for the function 'IFGOLPRT' – this service will be consumed by OBCL to propagate OL Products during creation and modification.

3. Function ID Glossary

C

CODFNLOV2-10

G

GWDETFUN2-5, 2-12

GWDETSYS2-1

I

IFDINPRM2-12

IFDTFEPM2-11

O

OLDINPRM 2-3

OLDLNPRM 2-10

OLIFOBTF 2-3

P

PIDHSTMT 2-2

S

STDCRBRN 2-2