Oracle Banking Trade Finance
Gateway Services User Guide

Release 14.8.0.0.0

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Preface

1.1 Purpose

This manual is designed to help you quickly get acquainted with the Integration Gateway of Oracle Banking Trade Finance.

It provides an overview to the module, and provides information on using the Integration Gateway module of Oracle Banking Trade Finance. This user manual is a supplement to the Common Core - Core Entities and Services User Manual and contains only specific functionalities and information related to Oracle Banking Trade Finance Gateway Services. Hence, this document should be read in conjunction with the Common Core - Core Entities and Services User Manual from the perspective of completeness in flow and understanding.

You can further obtain information specific to a particular field by placing the cursor on the relevant field and striking <**F1**> on the keyboard.

1.2 Audience

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

Role	Function
IT department members responsible for integration	Input functions for maintenance related to the gateway
IT managers	Authorization functions

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.

Access to Oracle Support

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

1.4 Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at Critical Patches, Security Alerts and Bulletins. All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by Oracle Software Security Assurance.

1.5 Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

1.6 Organization

The manual is organized in the following manner:

Topics	Description
Preface	This topic gives information on the intended audience. It also lists the various chapters covered in this User Manual.
Gateway Functions - An Overview	This topic explains the features of this module.
External System Maintenance	This topic explains the maintenance of external systems and the various processes involved.
Message Formats	This topic explains the different message formats.
Annexure – List of Messages	This topic lists all the messages that you encounter while working with Oracle Banking Trade Finance Gateway services.
Function ID Glossary	This topic has alphabetical listing of Function/Screen ID's used in the module with page references for quick navigation.

1.7 Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1.8 Related Documents

- Core Entities User Manual
- Procedures User Manual
- Settlements User Manual
- Profit and Charges User Manual
- Common Core - Core Entities and Services

1.9 Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

1.10 Acronyms and Abbreviations

Abbreviation	Description
OBTF	Oracle Banking Trade Finance

1.11 Symbols and Icons

The list of symbols and icons available on the screens are as follows:

Table 1-1   Symbols and Icons - Common

Symbol/Icon	Function
⌐⌐	Minimize
⌐⌐	Maximize
✕	Close
🔍	Perform Search
▼	Open a list
↔	Date Range
+	Add a new record
I<	Navigate to the first record
>I	Navigate to the last record
◀	Navigate to the previous record
▶	Navigate to the next record
▦	Grid view

Table 1-1   (Cont.) Symbols and Icons - Common

Symbol/Icon	Function
	List view
	Refresh
+	Click this icon to add a new row.
-	Click this icon to delete a row, which is already added.
	Calendar
	Alerts
	Unlock Option
	View Option
	Reopen Option

2

Gateway Functions - An Overview

2.1 Introduction

Integration of different applications and solutions is a key area in today's systems. A variety of specialized applications deployed on disparate platforms and using different infrastructure need to be able to communicate and integrate seamlessly with Oracle Banking Trade Finance in order to exchange data. The Oracle Banking Trade Finance Integration Gateway (referred to as 'Gateway' in the rest of the document) will cater to these integration needs.

The integration needs supported by the Gateway can be broadly categorized from the perspective of the Gateway as follows:

- Inbound application integration – used when any external system needs to add, modify or query information within Oracle Banking Trade Finance.

- Outbound application integration – used when any external system needs to be notified of the various events that occur within Oracle Banking Trade Finance.

2.2 Inbound Application Integration

Oracle Banking Trade Finance Inbound Application Gateway provides XML based interfaces thus enhancing the need to communicate and integrate with the external systems. The data exchanged between Oracle Banking Trade Finance and the external systems will be in the form of XML messages. These XML messages are defined in OBTF in the form of XML Schema Documents (XSD) and are referred to as 'OBTF formats'

For more information on OBTF formats refer the Message Formats chapter in this User Manual.

OBTF Inbound Application Integration Gateway uses the Synchronous and Asynchronous Deployment Pattern for addressing the integration needs.

The Synchronous Deployment Pattern is classified into the following:

- Oracle Banking Trade Finance EJB Based Synchronous Inbound Application Integration Deployment Pattern

- Oracle Banking Trade Finance Web Services Based Synchronous Inbound Application Integration Deployment Pattern

- Oracle Banking Trade Finance HTTP Servlet Based Synchronous Inbound Application Integration Deployment Pattern

Asynchronous Deployment Pattern is:

- Oracle Banking Trade Finance MDB Based Asynchronous Inbound Application Integration Deployment Patten

- EJB Based Synchronous Deployment Pattern
  The Enterprise Java Beans (EJB) deployment pattern will be used in integration scenarios where the external system connecting to Oracle Banking Trade Finance is 'EJB literate', i.e., the external system is capable of interacting with Oracle Banking Trade Finance based

upon the EJB interface. In this deployment pattern, the external system will use the RMI/ IIOP protocol to communicate with the Oracle Banking Trade Finance EJB.

- Web Services Based Synchronous Deployment Pattern
  The web services deployment pattern will be used in integration scenarios where the external system connecting to Oracle Banking Trade Finance wants to connect using standards- based, inter- operable web services.

- HTTP Servlet Based Synchronous Deployment Pattern
  The HTTP servlet deployment pattern will be used in integration scenarios where the external system connecting to Oracle Banking Trade Finance wants to connect to Oracle Banking Trade Finance using simple HTTP messages.

- MDB Based Asynchronous Deployment Pattern
  The MDB deployment pattern is used in integration scenarios where the external system connecting to Oracle Banking Trade Finance wants to connect to Oracle Banking Trade Finance using JMS queues.

2.2.1 EJB Based Synchronous Deployment Pattern

The Enterprise Java Beans (EJB) deployment pattern will be used in integration scenarios where the external system connecting to Oracle Banking Trade Finance is 'EJB literate', i.e., the external system is capable of interacting with Oracle Banking Trade Finance based upon the EJB interface. In this deployment pattern, the external system will use the RMI/IIOP protocol to communicate with the Oracle Banking Trade Finance EJB.

In this deployment pattern the EJB displayed by Oracle Banking Trade Finance will be a stateless session bean. The actual request will be in the form of an XML message. After the necessary processing is done in Oracle Banking Trade Finance based on the request, the response is returned to the external system as an XML message. The transaction control for the processing will stay with the Oracle Banking Trade Finance EJB.

2.2.2 Web Services Based Synchronous Deployment Pattern

The web services deployment pattern will be used in integration scenarios where the external system connecting to Oracle Banking Trade Finance wants to connect using standards- based, inter- operable web services.

This deployment pattern is especially applicable to systems which meet the following broad guidelines:

- Systems that are not 'EJB literate', i.e., such systems are not capable of establishing connections with Oracle Banking Trade Finance based upon the EJB interface; and/or

- Systems that prefer to use a standards-based approach

In this deployment pattern, the external system will use the SOAP (Simple Object Access Protocol) messages to communicate to the Oracle Banking Trade Finance web services.

The services displayed by Oracle Banking Trade Finance are of a 'message based' style, i.e., the actual request will be in the form of an XML message, but the request will be a 'payload' within the SOAP message. After the necessary processing is done in Oracle Banking Trade Finance based on the request, the response is returned to the external system as an XML message which will be a 'payload' within the response SOAP message. The transaction control for the processing will stay with the Oracle Banking Trade Finance.

2.2.3 HTTP Servlet Based Synchronous Deployment Pattern

The HTTP servlet deployment pattern will be used in integration scenarios where the external system connecting to Oracle Banking Trade Finance wants to connect to Oracle Banking Trade Finance using simple HTTP messages.

This is especially applicable to systems such as the following:

- Systems that are not 'EJB literate', i.e., are not capable establishing a connections with Oracle Banking Trade Finance based upon the EJB interface; and/or

- Systems that prefer to use a simple http message based approach without wanting to use SOAP as the standard

In this deployment pattern, the external system will make an HTTP request to the Oracle Banking Trade Finance servlet.

For this deployment pattern, Oracle Banking Trade Finance will display a single servlet. The actual request will be in the form of an XML message. This XML message is embedded into the body of the HTTP request sent to the Oracle Banking Trade Finance servlet. After the necessary processing is done in Oracle Banking Trade Finance based on the request, the response is returned to the external system as an XML message which is once again embedded within the body of the response HTTP message. The transaction control for the processing will stay with the Oracle Banking Trade Finance.

2.2.4 MDB Based Asynchronous Deployment Pattern

The MDB deployment pattern is used in integration scenarios where the external system connecting to Oracle Banking Trade Finance wants to connect to Oracle Banking Trade Finance using JMS queues.

This is especially applicable to systems such as the following:

- Systems that prefer to use JMS queues based approach without wanting to wait for the reply

Here external system sends messages in XML format to request queue on which an MDB is listening. When a message arrives on the queue, it is picked up for processing. After the necessary processing is done in Oracle Banking Trade Finance, based on the request, the response is sent to the response queue as an XML message

2.3 Outbound Application Integration

The Outbound Application Integration is also called the Oracle Banking Trade Finance Notify Application Integration layer. This application layer sends out notification messages to the external system whenever events occur in Oracle Banking Trade Finance.

The notification messages generated by OBTF on the occurrence of these events will be XML messages. These XML messages are defined in OBTF in the form of XML Schema Documents (XSD) and are referred to as 'OBTF formats'

For more information on OBTF formats refer the Message Formats chapter in this module.

2.4 Responsibilities of Integration Gateway

The primary responsibilities of Oracle Banking Trade Finance Integration Gateway include the following:

- Authentication

- Duplicate recognition

- Validation

- Routing

- Logging of messages

2.5 Deployment of Oracle Banking Trade Finance Integration Gate- way

Message communication - incoming or outgoing from/to an external system in Oracle Banking Trade Finance will happen only through an Oracle Banking Trade Finance Integration Gateway. Hence, it becomes the first point of contact or last point of contact with the database in message flow. The Oracle Banking Trade Finance Integration Gateway can be deployed to support both the distributed and single schema deployments of Oracle Banking Trade Finance:

- Distributed deployment of OBTF – In this situation the database components of the Gateway are deployed as two or more schemas

  – The messaging schema as part of SMS schema in the SMS and/or HO instance

  – The business schema(s) in the various branch schemas in the branch instance(s)

- Single schema deployment of OBTF – In this situation the database components of the Gateway (messaging and business) are both deployed as part of the single Oracle Banking Trade Finance schema.

2.6 Deployment Patterns for Application Integration

Business Integration Needs	Nature of Integration	Oracle Banking Trade Finance Deployment Pattern	Remarks
Inbound Transactions into Oracle Banking Trade Finance	Synchronous	FLEXCUBE OBTF EJB	Recommended
		FLEXCUBE OBTF HTTP Servlet	This can be used if the external system cannot communicate to Oracle Banking Trade Finance using EJB.
		FLEXCUBE OBTF Web Services	This can be used if the external system chooses to communicate only through Web Services.
	Asynchronous	FLEXCUBE OBTF MDB	This can be used if the external system chooses to communicate only through JMS queues
Inbound Queries into Oracle Banking Trade Finance	Synchronous	FLEXCUBE OBTF EJB	Recommended
		FLEXCUBE OBTF In Servlet	This can be used if the external system cannot communicate to Oracle Banking Trade Finance using EJB.

Business Integration Needs	Nature of Integration	Oracle Banking Trade Finance Deployment Pattern	Remarks
		FLEXCUBE OBTF Web Services	This can be used if the external system chooses to communicate only through Web Services.
	Asynchronous	FLEXCUBE OBTF MDB	This can be used if the external system chooses to communicate only through JMS queues
Handoffs from Oracle Banking Trade Finance	Asynchronous	FLEXCUBE OBTF Notify	Recommended

3

External System Maintenance

3.1 Introduction

This topic contains the following sub-topics:

3.2 External System

This topic contains the following sub-topics:

- Define an External System
  This topic provides the systematic instructions to define an external system.

- Specifying External System Details

- Indicating Correlation Pattern

- Specifying Message Exchange Pattern

- Specifying Queue Details

- Specifying External System Queue Details
  The 'External System Queues' list contains the '**In Queue**' and '**Response Queue**' lists. To add a record to the 'External System Queues' list click add icon. To delete a record from the list, select the record using its check box and then click delete icon.

- View External System Details
  This topic provides the systematic instructions to view external system details.

- Accessing Services and Operations
  In a message it is mandatory to maintain a list of Service Names and Operation Codes. This information is called Gateway Operations.

3.2.1 Define an External System

This topic provides the systematic instructions to define an external system.

You need to define an external system that will communicate with the Oracle Banking Trade Finance Integration Gateway.

You can define an external system using the **External System Maintenance** page.

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

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

   The **External System Maintenance** screen is displayed.

External System Maintenance

New   Enter Query

External System

External System *

Description

Correlation Pattern

Request   Message ID

Message Exchange Pattern

Request Message   Input Only

Response Message   Full Screen

XSD Validation Required

Queue

Default Response Queue

Dead Letter Queue

Register Response Queue
Message Id

External System Queues

☐	In Queue	Response Queue
No data to display.		

Page   1   (0 of 0 items) |<   <   1   >   >|

FTP Parameters   Fields

Audit   Exit

2. On **External System Maintenance** screen, specify the required fields.

For information on fields, refer to Specifying External System Details:

3.2.2 Specifying External System Details

Table 3-1   External System - Field Description

Field	Description
External System	Specify a name for the external system. This should be the same as the Source in an incoming message.
Description	Specify a brief description for the External System.

3.2.3 Indicating Correlation Pattern

Table 3-2   Correlation Pattern - Field Description

Field	Description
Request	You can define a way in which the external system should correlate its request message with the response message. You can choose Message ID of a request message as the Correlation ID in the response message. Alternatively, you can choose Correlation ID of a request message and maintain it as the Correlation ID of the corresponding response message.

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3.2.4 Specifying Message Exchange Pattern

Table 3-3   Message Exchange Pattern - Field Description

Field	Description
Request Message	You can choose the Request message to be 'Full Screen' or 'Input Only'. If you select 'Full Screen' as the request message, the response message will also display 'Full Screen'.
Response Message	You can choose the Response message to be 'Full Screen' or 'Record Identification Msg'. **Note:** You can select 'Record Identification Msg' as the response message only if you select 'In- put Only' in the request message.

3.2.5 Specifying Queue Details

Table 3-4   Queue Details - Field Description

Field	Description
Default Response Queue	You can define a response queue for each of the In Queue's through which the External System will communicate with Oracle Banking Trade Finance. Define a valid queue name as the Default Response Queue.
Dead Letter Queue	If the messages received are non-readable, such messages are directed to Dead Letter Queue defined for the external system. **Note:** If the Dead Letter Queue is not defined, such messages will be redirected to a queue with the name of the request queue appended with '_E'.
XSD Validation Required	Check this box to indicate if the request message should be validated against its corresponding XSD.
Register Response Queue Message ID	Check this box to indicate if the message ID provided by the Response Queue should be logged when a response message is posted into the queue.

3.2.6 Specifying External System Queue Details

The 'External System Queues' list contains the '**In Queue**' and '**Response Queue**' lists. To add a record to the 'External System Queues' list click add icon. To delete a record from the list, select the record using its check box and then click delete icon.

Table 3-5   External System Queue Details - Field Description

Field	Description
In Queue	Specify the name of the queue from which the messages were received. The name of the queue will help identify the external system. ✎ **Note:** This is required only if an incoming message does not display the source of the message. An In Queue is mapped to only one External System. You can map multiple queues to a source. System will allow a source to post messages to multiple queues.
Response Queue	You can define Response Queue for every In Queue. This is required only when the External System fails to display the queue name on posting a request message into the In Queue.

3.2.7 View External System Details
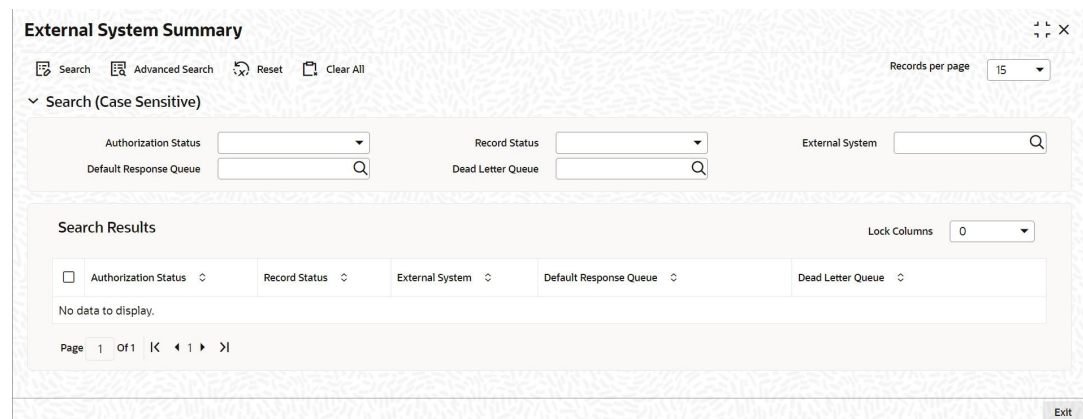
This topic provides the systematic instructions to view external system details.

The details of previously defined external Systems can be viewed using the '**External System Summary**' screen as shown below.

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

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

   The **External System Summary** screen is displayed.

This summary screen can be used to search for external systems which match the data specified for any of the following criteria:

* Authorization Status

* External System

* Dead Letter Queue

* Record Status

- Default Response Queue

The '**Result**' list shows the external systems which match your query. The search functions available are:

2. On **External System Summary** screen, specify the fields.

For information on fields, refer to Table 3-6:

Table 3-6   External System Summary - Field Description

Field	Description
Advanced	Click **Advanced** to specify queries with logical operators such as AND, OR and NOT.
Reset	Click **Reset** to empty the values in the criteria fields, so that you may begin a new search.
Query	After specifying your search criteria click **Query** to view the list of results which match your search criteria.
Refresh	Click **Refresh** to refresh the list of results

3.2.8 Accessing Services and Operations

In a message it is mandatory to maintain a list of Service Names and Operation Codes. This information is called Gateway Operations.

A combination of every such Service Name and Operation Code is mapped to a combination of Function ID and Action. Every screen in Oracle Banking Trade Finance is linked with a function ID. This information is called Gateway Functions.

You can gain access to an external system using the Gateway Functions. The Function IDs mapped in Gateway Functions should be valid Function IDs maintained in Oracle Banking Trade Finance. Hence, for every new Service or Operation being introduced, it is important that you provide data in Gateway Operations and Gateway Functions.

Refer the Message Formats chapter for more information on Services and Operations.

3.3 Access Rights to an External System

This topic contains the following sub-topics:

- Define Access Rights to an External System
  This topic provides the systematic instructions to define access rights to an external system.

- View External System Function Details
  This topic provides the systematic instructions to view external system function details.

- Defining Access Rights to a User ID

- Maintain Upload Source Details
  This topic provides the systematic instructions to maintain upload source.

- Specify Upload Source Preferences
  This topic provides the systematic instructions to specify upload source preferences.

- Maintain Function ID Preferences
  This topic provides the systematic instructions to maintain function ID preferences.

3.3.1 Define Access Rights to an External System

This topic provides the systematic instructions to define access rights to an external system.

You can define access rights to an external system using the '**External System Functions - Detailed**' screen.

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

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

   The **External System Functions** screen is displayed.

2. On **External System Functions** screen, specify the fields.

   For information on fields, refer to Table 3-7:

Table 3-7   External System Functions - Field Description

Field	Description
External System	Select an external system for which you wish to provide access rights. The adjoining option list displays all the external systems you have maintained in the 'External Systems – Detailed' screen.
Function ID	Select a Function ID from the list of values by clicking the adjoining option list. The function ids are loaded from Gateway Functions.
Action	Select an action for the external system from the option list provided.
Service Name	This displays the service name based on the Function ID and Action you select.
Operation Code	This displays the Operation Code based on the Function ID and Action you select.

3.3.2 View External System Function Details

This topic provides the systematic instructions to view external system function details.

You can view the access rights details which have already been defined using the '**External System Functions - Summary**' screen as shown below.

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

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

The **External System Functions Summary** screen is displayed.

This summary screen can be used to search for external system functions which match any of the following criteria:

- Authorization Status

- External System

- Record Status

- Action

- Function

The '**Result**' list shows the external system functions which match your query.

2. On **External System Functions - Summary** screen, specify the fields,

For information on fields, refer to Table 3-8:

Table 3-8   External System Functions Summary - Field Description

Field	Description
Advanced	Click **Advanced** to specify queries with logical operators such as AND, OR and NOT.
Reset	Click **Reset** to empty the values in the criteria fields, so that you may begin a new search.
Query	After specifying your search criteria click **Query** to view the list of results which match your search criteria.
Refresh	Click **Refresh** to refresh the list of results

3.3.3 Defining Access Rights to a User ID

For a User ID to access a request message, you can individually map each Function ID to a User ID.

> **Note:**
>
> You can provide access to functions only if the Function IDs provided in Gateway Func- tions are valid.

3.3.4 Maintain Upload Source Details
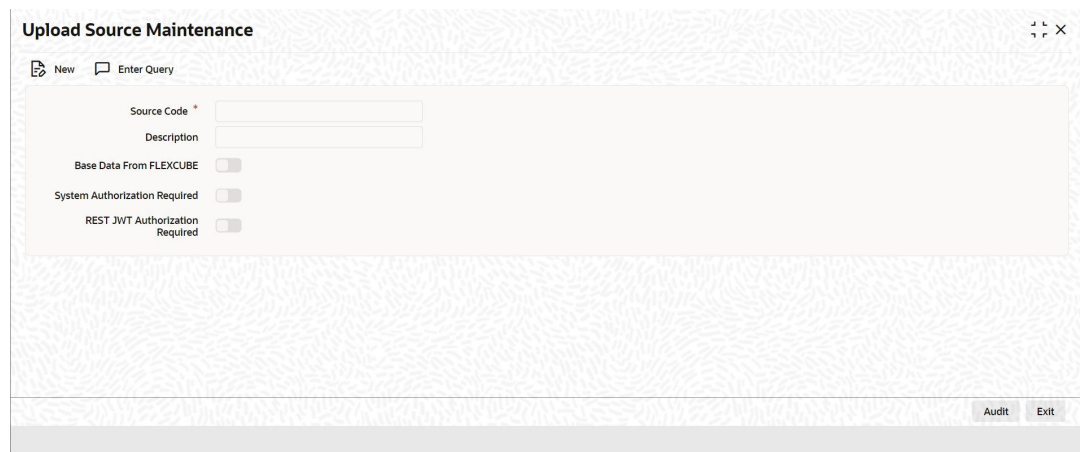
This topic provides the systematic instructions to maintain upload source.

Oracle Banking Trade Finance facilitates upload of data from an external source. The details of the source from which data has to be uploaded need to be maintained in Oracle Banking Trade Finance using the '**Upload Source Maintenance**' screen.

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

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

   The **Upload Source Maintenance** screen is displayed.

2. On **Upload Source Maintenance** screen, specify as required fields.

   For information on fields, refer to Table 3-9:

   Table 3-9   Upload Source Maintenance - Field Description

Field	Description
Source Code	Specify a code for the for the source from which data has to be uploaded to Oracle Banking Trade Finance.
Description	Give a small description for the source code specified.
Base Data From FLEXCUBE	Check this box to indicate if base data has to be uploaded from Oracle Banking Trade Finance.

3.3.5 Specify Upload Source Preferences

This topic provides the systematic instructions to specify upload source preferences.

You can set preferences for upload of data from an external source in the '**Upload Source Preferences Maintenance**' screen.

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

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

   The **Upload Source Preferences Maintenance** screen is displayed.

2. On **Upload Source Preferences Maintenance** screen, specify the fields.

For information on fields, refer to Table 3-10:

Table 3-10   Upload Source Preferences Maintenance - Field Description

Field	Description
Source Code	Select Source Code from the option list. Depending on the source code you select here data is uploaded from that source into Oracle Banking Trade Finance.
Module Code	You can choose to upload data from a source directly onto a module in Oracle Banking Trade Finance. Indicate the module into which you would like to upload data from a given source.
On Override	Oracle Banking Trade Finance generates override messages in case it encounters any discrepancies during data upload. You can choose to do any of the following: • Ignore – Select this option to ignore such error messages and continue with the upload process. • Override – Select this option to put the record on hold for user intervention later. • Reject – Select this option to reject the record.
On Exception	In case a serious error occurs during data upload, Oracle Banking Trade Finance generates an error message. You can choose to put the record with the error on hold. In such a case, choose 'Move To Queue' from the list of options available. If you would like to reject the record altogether, choose '**Reject**'.
Post Upload Status	If you would like to automatically authorize the data that is uploaded into Oracle Banking Trade Finance choose the '**Authorize**' option here. If you would like the record to be put on hold choose this option in this field. If you would like the record to be unauthorized, choose the 'Unauthorized' option in this field. The record will not be authorized automatically on upload. You will have to manually authorize the data.
Purge Days (Calendar)	Specify the days maintained for purging of the data uploaded.
Allow Deferred Processing	Check this option to defer processing of amendment and cancellation uploads.

Table 3-10   (Cont.) Upload Source Preferences Maintenance - Field Description

Field	Description
Allow EOD with Deferred	Check this option to proceed even if the records exist in the deferred processing log. If it is unchecked, then the EOD process halts until the deferred process log is cleared.
Allow Delete	Check this option to delete the process log.

3.3.6 Maintain Function ID Preferences

This topic provides the systematic instructions to maintain function ID preferences.

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

1. Click '**Function ID Preferences**' button in the '**Upload Source Preferences Maintenance**' screen.

   The **Function ID Preferences** screen is displayed.

2. On **Function ID Preferences** screen, specify the details as required, click **Ok** to save the details else click **Exit** or **Cancel**

   For information on fields, refer to Table 3-11:

Table 3-11   Upload Source Preferences Maintenance - Field Description

Field	Description
Function Id	Specify the function ID. The adjoining option list displays all the function Ids maintained in the system. Select the appropriate one.
Status	Select the status of the record from the drop-down list and the available options are: • Authorized • Unauthorized • Put On hold
On Exception	Select the record status in case of any exception while saving from the drop-down list and the available options are: • Put On Hold • Reject

Table 3-11   (Cont.) Upload Source Preferences Maintenance - Field Description

Field	Description
On Override	Select the record status in case of any overriding a saved record from the drop-down list and the available options are: • Put On Hold • Reject • Ignore
Proceed With EOD	Check this box, if you wish to proceed with EOD.
Deleted Allowed	Check this box, if deleting is allowed.
Reverse Allowed	Check this box, if reversal is allowed.
Amend Allowed	Check this box, if amendment is allowed.
Purge Days (Calendar)	Specify the calendar purge days.
Allow Deferred Processing	Check this box, if deferred processing is allowed.
Allow EOD with Deferred	Check this box, if EOD with deferred is allowed.

3.4 Gateway Password Generation Logic For External System Authentication

This section describes the Encryption information for gateway authentication.

If Password authentication is required for an external system, then check the 'System Authentication Required' check box while maintaining the External System details in **CODSORCE**.

Once this check box is checked Oracle Banking Trade Finance validates for Encrypted password as part of every request sent by the External System. The password encryption logic as below:

• Password and Message ID as input
  Message ID, present as part of the header in Request XML, is considered as hash. External System generates an unique Message ID, which is functional mandatory field in the header. Create a Message Digest with SHA-512 algorithm.

3.4.1 Password and Message ID as input

Message ID, present as part of the header in Request XML, is considered as hash. External System generates an unique Message ID, which is functional mandatory field in the header. Create a Message Digest with SHA-512 algorithm.

The hash created from the previous step and the password in clear text together is encrypted in DESede encryption method. Apply Base64 encoding to encrypted value and send to the Oracle Banking Trade Finance gateway.

3.5 Incoming Message Browser

This topic provides the systematic instructions to incoming message browser.

The messages received from the external system will be displayed in the Incoming Message Browser.

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

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

   The **Incoming Message Browser - Detail**

   In the '**Incoming Message Browser**' screen you can view the details of the messages received from the external systems. You can also view the messages in the XML format or the Text format.

2. Click '**Text View**' button to view the incoming messages in text format.

   The **Text View** screen is displayed.

3. Click '**XML View**' button to view the 'Gateway Browser Window' screen which displays the messages in XML format.
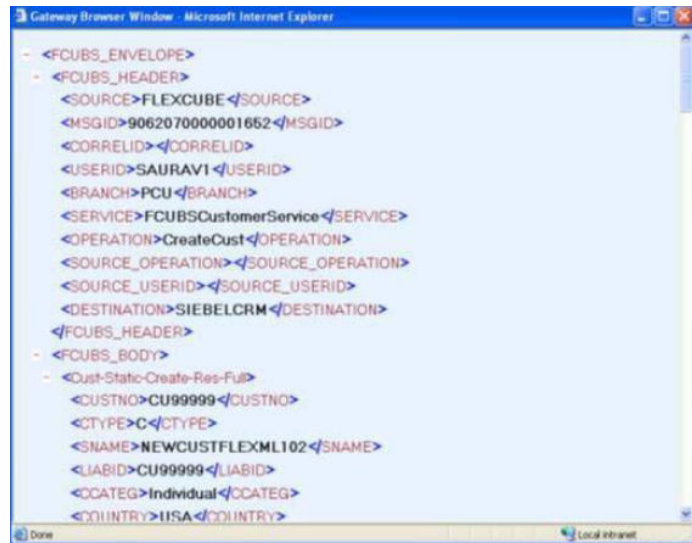
- **View Incoming Message Details**
  This topic provides the systematic instructions to view incoming message details.

3.5.1 View Incoming Message Details

This topic provides the systematic instructions to view incoming message details.

The summary of all messages received from the external system can be viewed using the '**Incoming Message Browser - Summary**' screen.

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

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

This summary screen can be used to search for incoming messages which match the criteria (Message Reference Number, External System, Service Name etc) you specify. The 'Result' list shows the messages which match your query.

2. On **Incoming Message Browser** screen, specify the fields.

For information on fields, refer to Table 3-12:

Table 3-12   Incoming Message Browser - Field Description

Field	Description
Advanced	Click **Advanced** to specify queries with logical operators such as AND, OR and NOT.
Reset	Click **Reset** to empty the values in the criteria fields, so that you may begin a new search.
Search	Specify your search criteria to view the list of results which match your search criteria.

3.6 Duplicate Message Browser

This topic provides the systematic instructions to duplicate message browser.

If Oracle Banking Trade Finance Integration Gateway identifies a duplicate message it will be sent to the Duplicate Messages Browser.

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

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

   The **Duplicate Message Browser - Summary** screen is displayed.

2. Click '**Text View**' button in the '**Duplicate Message Browser - Summary**' screen to view the duplicate messages in the text format.

3. Click '**XML View**' button in the '**Duplicate Message Browser - Summary**' screen to view the duplicate messages in the following format.
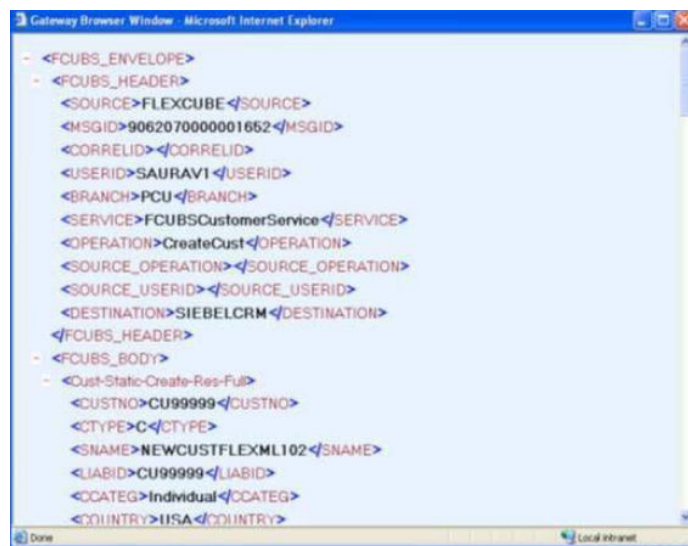
- Query Duplicate Message Browser
  This topic provides the systematic instructions to query duplicate message browser.

3.6.1 Query Duplicate Message Browser

This topic provides the systematic instructions to query duplicate message browser.

You can query the list of duplicate messages using the '**Duplicate Message Browser - Summary**' screen with functions for search.

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

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

   The Summary screen is displayed.

This query screen can be used to search for duplicate messages which match the criteria (Message Reference Number, External System, Service Name etc) you specify. The 'Result' list shows the messages which match your query.

2. On **Duplicate Message Browser Summary** screen is displayed, specify the fields.

   For information on fields, refer to Table 3-13:

Table 3-13   Duplicate Message Browser Summary - Field Description

Field	Description
Advanced	Click **Advanced** to specify queries with logical operators such as AND, OR and NOT.
Reset	Click **Reset** to empty the values in the criteria fields, so that you may begin a new search.
Query	After specifying your search criteria click **Query** to view the list of results which match your search criteria.
Refresh	Click **Refresh** to refresh the list of results.

3.7 Outgoing Message Browser

This topic provides the systematic instructions to outgoing message browser.

Once the incoming messages have been processed, a response message will be sent to the external systems along with the status of the processed messages. The response messages will be displayed in the '**Outgoing Message Browser**'.

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

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

   The **Outgoing Message Browser** screen is displayed.

Outgoing Message Browser

Message Reference	External System
Message Id	Correlation Id
Message Status	Service Name
Operation Code	Branch
FLEXCUBE Reference	User Id
Their User Id	Server Date Stamp
Response Queue Message Id	Branch Date
Queue Name	Related Message Reference

Repair Reason

Text View   XML View

Exit

In the '**Outgoing Message Browser**' screen you can view the details of the messages sent to the external systems. You can also view the messages in the XML format or the Text format.

2. Click '**Text View**' button to view the response message in text format as shown below:
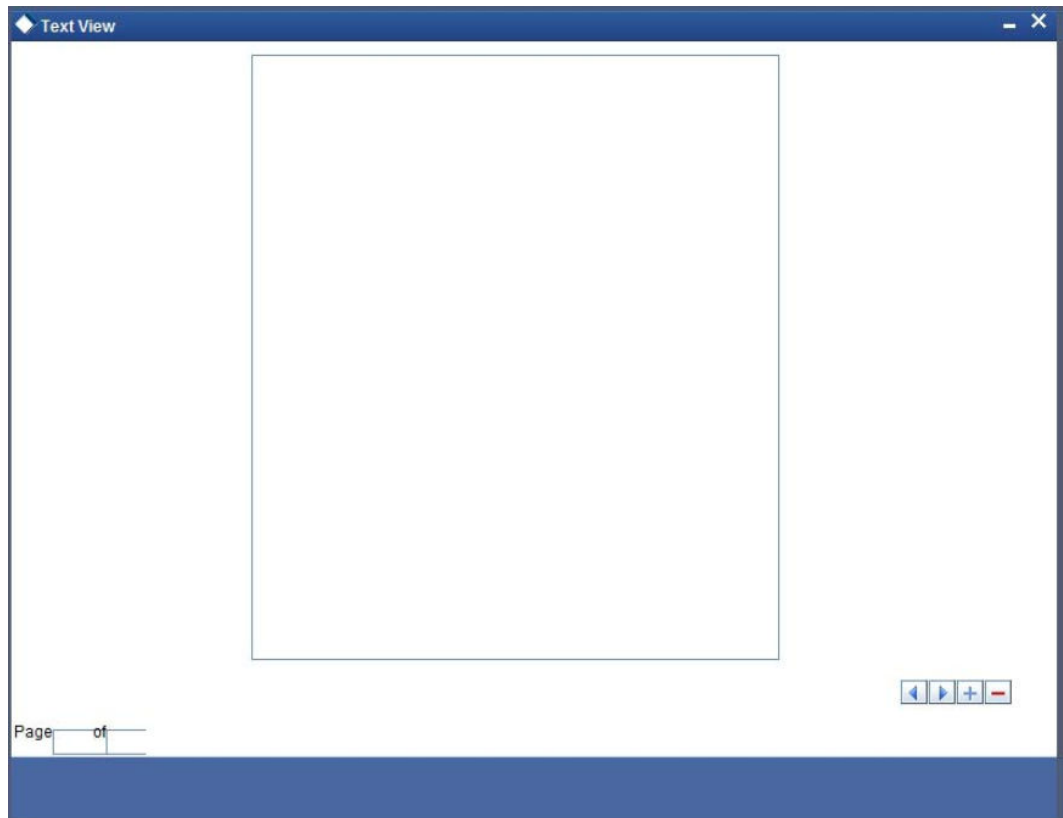
3. Click '**XML View**' button to view the response messages in XML format as shown below:
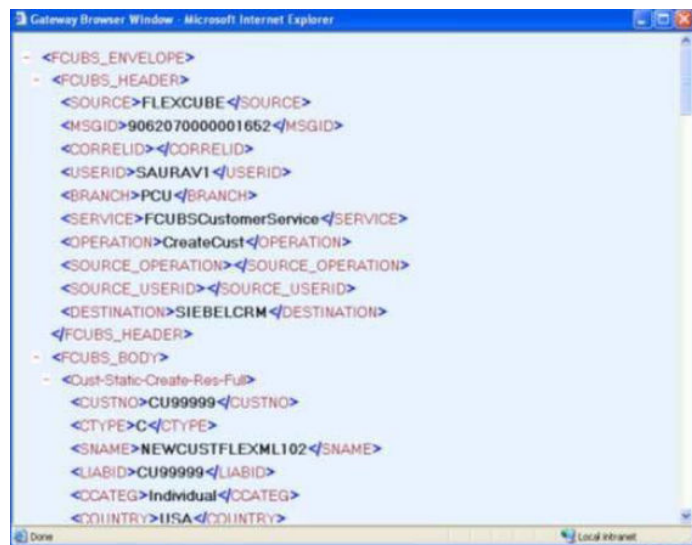
- Query Outgoing Message Browser
  This topic provides the systematic instructions to query outgoing message browser.

3.7.1 Query Outgoing Message Browser

This topic provides the systematic instructions to query outgoing message browser.

You can query the list of outgoing messages using the '**Outgoing Message Browser - Summary**' screen.

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

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

   The **Outgoing Message Browser** screen is displayed.

This query screen can be used to search for outgoing messages which match the criteria (Message Reference Number, External System, Service Name etc) you specify. The 'Result' list shows the messages which match your query.

2. On **Outgoing Message Browser** screen, specify the fields.

   For information on fields, refer to Table 3-14:

   Table 3-14   Outgoing Message Browser Summary - Field Description

Field	Description
Advanced	Click **Advanced** to specify queries with logical operators such as AND, OR and NOT.
Reset	Click **Reset** to empty the values in the criteria fields, so that you may begin a new search.
Search	Specify your search criteria to view the list of results which match your search criteria.

3.8 Define Notification Messages

This topic provides the systematic instructions to define notification message.

The outgoing message browser also displays the notification messages. Every time the database layer receives a notification message, it updates the outgoing message browser to display the same.
At the branch level, you can maintain notification codes for each branch. You can do this using the '**Notifications Installed**' screen.

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

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

   The **Notifications Installed** screen is displayed.

2. On **Notifications Installed** screen, specify the fields.

   For information on fields, refer to Table 3-15:

Table 3-15   Notifications Installed - Field Description

Field	Description
Branch Code	Select a branch code for which you wish to assign a notification code. Once you select the branch code, the corresponding description is displayed.
Notification Code	From the list of values, select a notification code you wish to link with the branch. This will be used to generate notifications for the entire branch. Once you select the notification code, the corresponding description is displayed. In addition to maintaining a notification code for a given branch, you can also specify a topic or a queue to which the notification messages should be sent. You can define a topic/queue for a given branch and notification code in the 'Notifications Enroute' screen.

• View Installed Notification Details
  This topic provides the systematic instructions to view installed notification.
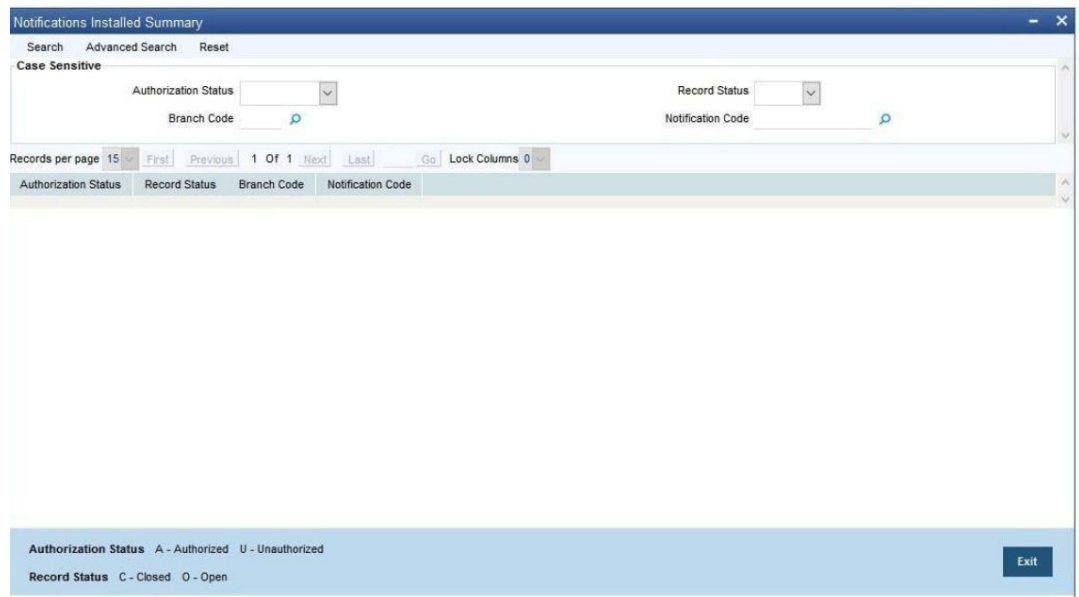
3.8.1 View Installed Notification Details

This topic provides the systematic instructions to view installed notification.

You can view and query the list of notification messages using the '**Notifications Installed - Summary**' screen.

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

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

   The **Notifications Installed - Summary** screen is displayed.

This summary screen can be used to search for notification messages which match the criteria (Message Reference Number, External System, Service Name etc) you specify. The 'Result' list shows the messages which match your query. The search functions available are:

2. On **Notifications Installed - Summary** screen, specify the fields.

   For information on fields, refer to Table 3-16:

Table 3-16   Notifications Installed Summary- Field Description

Field	Description
Advanced	Click **Advanced** to specify queries with logical operators such as AND, OR and NOT.
Reset	Click **Reset** to empty the values in the criteria fields, so that you may begin a new search.
Search	Specify your search criteria to view the list of results which match your search criteria.

3.9 Define the Notifications Enroutes

This topic provides the systematic instructions to define the notifications enroutes.

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

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

   The **Trade Notification Enroute Maintenance** screen is displayed.

Trade Notification Enroute Maintenance

New   Enter Query

Branch Code *		Notification Code *	
Description		Notification Description	
Destination Name *			

Fields   Audit   Exit

2. On **Trade Notification Enroute Maintenance** screen, specify the fields.

For information on fields, refer to Table 3-17:

Table 3-17   Trade Notification Enroute Summary - Field Description

Field	Description
Branch Code	Specify a branch for which you wish to define a topic. If you want to use a single topic for all branches and for a given notification code, you can use a wildcard '***'. Once you select a Branch Code, the corresponding description is displayed.
Notification Code	Select a notification code from the list of notification codes provided. You can indicate a wildcard '***' if a single topic needs to be used for all notifications in a branch.
Destination Name	Specify the destination name. Once you have captured the details, save the maintenance.

• View Summary
This topic provides the systematic instructions to view summary.

3.9.1 View Summary

This topic provides the systematic instructions to view summary.

You can view and query the list of notifications enroute using the '**Trade Notification Enroute Summary**' screen.

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

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

The **Trade Notification Enroute Summary** screen is displayed.

This summary screen can be used to search for notifications enroute which match the criteria (Message Reference Number, External System, Service Name etc) you specify. The 'Result' list shows the messages which match your query.

2. On **Notifications Enroutes - Summary** screen, specify the fields.

For information on fields, refer to Table 3-18:

Table 3-18   Notifications Enroutes Summary- Field Description

Field	Description
Advanced	Click **Advanced** to specify queries with logical operators such as AND, OR and NOT.
Reset	Click **Reset** to empty the values in the criteria fields, so that you may begin a new search.
Search	Specify your search criteria to view the list of results which match your search criteria.

3.10 Amendment Maintenance

This topic contains the following sub-topics:

• Maintain Gateway Amendment Details
This topic provides the systematic instructions to maintain gateway amendment details.

3.10.1 Maintain Gateway Amendment Details

This topic provides the systematic instructions to maintain gateway amendment details.

To recall, you need to identify the fields that can be amended by an external system, say, a Siebel CRM application.

• Service Name: This is a broad level grouping of similar operations within a module in Oracle Banking Trade Finance. The service names are published by Oracle Banking Trade Finance. As an example, you can consider OBTF BC Service. This service is exposed by the OBTF Interface Gateway to create BC contract.

• Operation Name: This is the name of the operation that the external system wishes to perform within the service. These operations names are published by Oracle Banking Trade Finance. As an example, you can consider Query Contract, which is for Querying BC contract.

- External Operation Name: This is the specific area of operation that an external system is performing on its side within the broad context of the Oracle Banking Trade Finance's amendment. In an external system, if the BC contract is created, this has a unique name by which it is identified within Oracle Banking Trade Finance.

It is through the 'Gateway Amendment Maintenance' screen that you maintain a set of amendable fields, which can amend in Oracle Banking Trade Finance whenever a request for the same will be send from an external system. Based on this maintenance, the amendment request is addressed by Oracle Banking Trade Finance.

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

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

   The Gateway Amendment Maintenance screen is displayed.

2. On Gateway Amendment Maintenance screen, specify the fields.

   For information on fields, refer to Table 3-19:

   Table 3-19   Gateway Amendment Maintenance- Field Description

Field	Description
External System	Select the relevant external system. Based on the maintenance here, only the fields that are selected as amendable can be modified if a request comes from the chosen external system. Note: The maintenance pertaining to external systems is factory shipped for your bank.
Origin System	Specify the origin system for which the amendment details are applicable.

Table 3-19   (Cont.) Gateway Amendment Maintenance- Field Description

Field	Description
Source Operation	The free format text (without spaces) which identifies the amendment you are doing. This is mandatory. **✎ Note:** Source Operation will be defaulted as (FUNCTIONID)_MODIFY, if the Source Operation is not sent from an external system and the function ID will be derived from Service and Operation combination.
Service Name	The relevant service name, this is a broad level grouping of similar operations within a module in Oracle Banking Trade Finance. The service names are published by Oracle Banking Trade Finance. **✎ Note:** The maintenance pertaining to service names is factory shipped for your bank.
Operation Code	The relevant operation code. This is the operation that the external system wishes to perform within the selected service. The operation names are published by Oracle Banking Trade Finance. As an example, you can take 'Modify Contract', which is for modification of a BC contract. Each operation under different service names is identified by a unique code. **✎ Note:** The maintenance pertaining to operation codes is factory shipped for your bank.
Amendable Nodes	
Node Name	Specify the node name. Alternatively, you can select the node name from the option list. The list displays all valid nodes maintained in the system.
New Allowed	Check this box if 'New Allowed' is applicable.
Delete Allowed	Check this box if 'Delete Allowed' is applicable.
All Records	Check this box if all records are applicable.

3.11 Gateway Maintenance for Approot Deployment

This topic contains the following sub-topics:

- Maintaining Gateway for Approot Deployment
  The following function IDs are used for the gateway maintenance for Approot deployment.
  The function IDs detail and their descriptions are listed below:

3.11.1 Maintaining Gateway for Approot Deployment

The following function IDs are used for the gateway maintenance for Approot deployment. The function IDs detail and their descriptions are listed below:

Function ID	Summary Function ID	Description
CODAPSRC	COSAPSRC	Upload Source Maintenance
CODAPUPL	COSAPUPL	Upload Source Preferences Maintenance
GWDAPEFN	GWSAPEFN	Gateway Amendment Maintenance
GWDAPAMD	GWSAPAMD	External System Functions
GWDAPESY	GWSAPESY	External System Maintenance

4

Message Formats

4.1 Introduction

Data exchanged between Oracle Banking Trade Finance and the external systems will be in the form of XML messages. These XML messages are defined in OBTF in the form of XML Schema Documents (XSD) and are referred to as 'OBTF formats'. An XML Schema is uniquely identified by its Namespace and its Root Element (root node).The root node for XSDs of gateway messages will be generated as per the following pattern:

- <OPERATION>_<MESSAGE EXCHANGE PATTERN>_REQ

- <OPERATION>_<MESSAGE EXCHANGE PATTERN>_RES

Where,

- <OPERATION> refers to an Oracle Banking Trade Finance operation like QueryContract.

- <MESSAGE_EXCHANGE_PATTERN> refers to the request & response message patterns exchanged. The Message Pattern is of the following types:

  - FS (Full Screen) -This indicates that the payload will contain all the elements on the corresponding Oracle Banking Trade Finance screen.

  - IO (Input Only) - This indicates that the payload will contain the only input elements on the corresponding Oracle Banking Trade Finance screen.

  - PK (Primary Key): This indicates that the payload will contain only the Primary Key elements of the corresponding Oracle Banking Trade Finance screen.

<MESSAGE_EXCHNAGE_PATTERN> is a combination of message patterns. The <MESSAGE_EXCHNAGE_PATTERN> available in OBTF is shown below:

- FSFS - Full Screen Request and Full Screen Response

- IOPK - Input Only Request and Primary Key Response

- IOFS - Input Only Request and Full Screen Response

Non-Query Formats

For example, consider the Operation 'CREATECONTRACT'. The root node of messages under this operation will be as under:

- CREATECONTRACT_FSFS_REQ
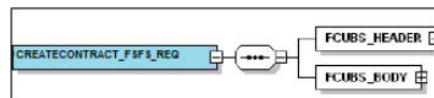
- CREATECONTRACT_FSFS_RES
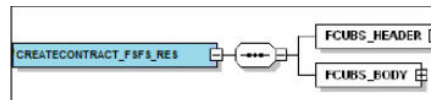
- CREATECONTRACT_IOPK_REQ
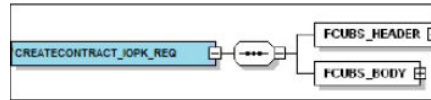
- CREATECONTRACT_IOPK_RES
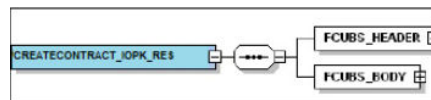
Query Formats

For example, consider the Operation 'QUERYCONTRACT'. The root node of messages under this operation will be as under:

- QUERYCONTRACT_IOFS_REQ
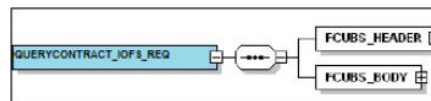
- QUERYCONTRACT_IOFS_RES
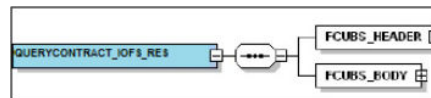
This chapter contains the following sections:
- Oracle Banking Trade Finance Envelope
- Oracle Banking Trade Finance NOTIFICATION

4.2 Oracle Banking Trade Finance Envelope

This section contains the following topics:
- FCUBS_HEADER
- FCUBS_BODY

A standard gateway message in the Oracle Banking Trade Finance Envelope contains two main components namely:

- FCUBS_HEADER – This is a node that forms the header of the OBTF Envelope. The tags under the header portion of a message will identify a partner system, a service, an operation, user, branch, etc. These tags are constant across all messages.

- FCUBS_BODY – This node contains the actual payload of a message. The contents of this node will vary for each message.
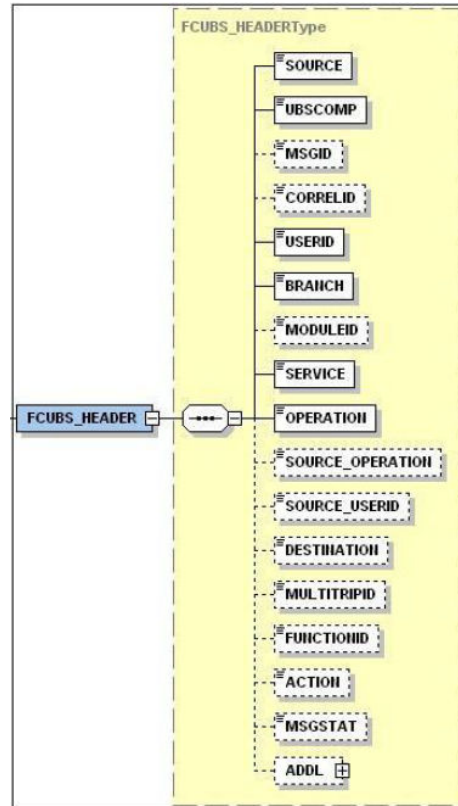
- FCUBS_HEADER
- FCUBS_BODY
  The FCUBS_BODY will contain the actual payload to perform the respective transaction. The contents of the payload will vary for each operation.

4.2.1 FCUBS_HEADER

The tags under FCUBS_HEADER have been described below:

SOURCE

This indicates the name of the External system that is the source of the message.

UBSCOMP

This indicates the Oracle Banking Trade Finance component of the message.

MSGID

This unique ID identifies each message – incoming or outgoing in Oracle Banking Trade Finance. Every message will have a distinct message ID.

CORRELID

This is the id using which any system which has sent a request to OBTF can correlate to the response. In the External system maintenance, the Correlation Pattern can be configured for

each external system. It can be maintained that either the 'MSGID' or the 'CORRELID' of the request message is returned back as the 'CORRELID' in the response message. Depending on this maintenance, Oracle Banking Trade Finance will set either the 'MSGID' or the 'CORRELID' of the request message in the response message.

USERID

For request messages, this ID is used to submit message requests. Oracle Banking Trade Finance will process this request using this id.

For response messages, the value of this will be 'null'.

This indicates the Oracle Banking Trade Finance Branch Code where the request message needs to be processed. If the BRANCH is missing in the header, request message will be transmitted and processed in Head Office branch.

BRANCH

This indicates the Oracle Banking Trade Finance Branch Code where the request message needs to be processed. If the BRANCH is missing in the header, request message will be transmitted and processed in Head Office branch.

MODULEID

This indicates the module ID.

SERVICE

This provides details on the various services of Oracle Banking Trade Finance. For every incoming message in Oracle Banking Trade Finance, the service name is mandatory.

OPERATION

This indicates the functional operation.

SOURCE_OPERATION

This indicates the functional operation as registered in Oracle Banking Trade Finance.

SOURCE_USERID

This is the User ID with which the request message was loaded from the SOURCE.

DESTINATION

For incoming messages, the destination will be Oracle Banking Trade Finance. For response messages, system will populate the SOURCE of the request message as DESTINATION.

MULTITRIPID

This is a unique id which indicates overrides.

FUNCTIONID

This indicates the Oracle Banking Trade Finance Function ID

MSGSTAT

This indicates whether the transaction is a SUCCESS or FAILURE.

ADDL

This is used to send additional parameters i.e. parameters not available in Oracle Banking Trade Finance.

4.2.2 FCUBS_BODY

The FCUBS_BODY will contain the actual payload to perform the respective transaction. The contents of the payload will vary for each operation.

The following snapshot shows a sample FCUBS_BODY of QUERYCONTRACT operation.
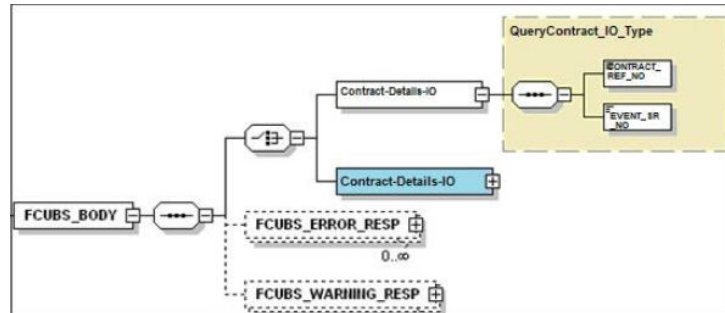
FCUBS_BODY will contain additional nodes for error response and warning response. A diagrammatic representation of the Error response is as shown below:
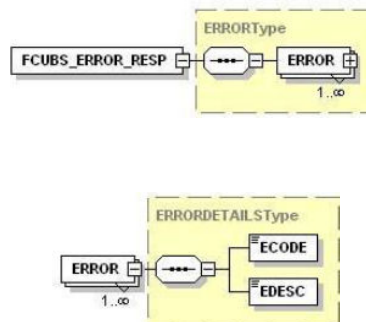
- FCUBS_ERROR_RESP
  The error response message will be sent from Oracle Banking Trade Finance when errors are raised in a transaction. The error response will have another tag 'ERROR' within it.
- FCUBS_WARNING_RESP
  The warning response message will be sent when overrides are raised in a transaction. The Warning response will have another tag 'WARNING' within it.

4.2.2.1 FCUBS_ERROR_RESP

The error response message will be sent from Oracle Banking Trade Finance when errors are raised in a transaction. The error response will have another tag 'ERROR' within it.

ERROR

The 'ERROR' node will have tags for error code and error description. The 'ERROR' node will be generated for each error raised by OBTF.

4.2.2.2 FCUBS_WARNING_RESP

The warning response message will be sent when overrides are raised in a transaction. The Warning response will have another tag 'WARNING' within it.

WARNING

This node will have tags for warning code and warning description. The 'WARNING' node will be generated for each override raised by OBTF.

4.3 Oracle Banking Trade Finance NOTIFICATION

The notification messages are generated in a standard format. The notification messages will consist of two main components:

OBTF_NOTIF_HEADER – This forms the header portion of a notification message. This contains a standard set of tags that can identify a notification. These tags are constant across all notification messages.

OBTF_NOTIF_IDENTIFIER – This will identify the maintenance records based on the information provided under this node. The contents of this node will vary for each notification.

A diagrammatic representation of OBTF NOTIFICATION is as shown below:
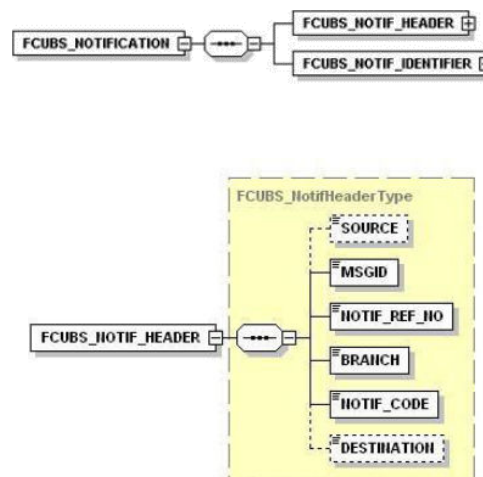
- OBTF NOTIFICATION HEADER
  The tags under OBTF NOTIFICATION HEADER have been described below:

4.3.1 OBTF NOTIFICATION HEADER

The tags under OBTF NOTIFICATION HEADER have been described below:

SOURCE

This indicates the name of the External system or the source of the message.

MSGID

This is the unique reference number generated by Oracle Banking Trade Finance.

NOTIF_REF_NO.

This unique reference number identifies each notification message generated in Oracle Banking Trade Finance.

BRANCH

This indicates the branch in which notification has been triggered.

NOTIF_CODE

This indicates the code for the notification that has been triggered.

DESTINATION

For incoming messages, the DESTINATION should be Oracle Banking Trade Finance. For response messages, system will populate the SOURCE of the request message as DESTINATION.

Refer 'Service-Documentation' available under 'Gateway' for details about each message.

5

Annexure – List of Messages

5.1 Introduction

This chapter lists out the various messages that fold under the purview of the following Gateway services:

- Inbound application integration – used when any external system needs to add, modify or query information within Oracle Banking Trade Finance

- Outbound application integration – used when any external system needs to be notified of the various events that occur within Oracle Banking Trade Finance.

5.2 Inbound Application Integration – Services

Oracle Banking Trade Finance Inbound Application Gateway provides XML based 'Services'. These services consist of one or more 'Operations'. These operations can be loaded by any external system to perform the relevant operation in Oracle Banking Trade Finance.

This chapter contains the following sections:

- OBTFBCService

- CreateContract

- OBTFBCService
  All Bills and Collections operations are logically grouped under a service called 'OBTFBCService'.

- OBTFLCService
  All Letter of Credit operations are logically grouped under a service called 'OBTFLCService'.

5.2.1 OBTFBCService

All Bills and Collections operations are logically grouped under a service called 'OBTFBCService'.

Oracle Banking Trade Finance supports the following operations under this service:

- QueryContract

- CreateContract

- ModifyContract

- AuthorizeContract

- AuthorizeContract

- CloseContract

- DeleteContract

- ReverseContract

- RolloverContract

- CreateBCContractSim

- ModifyBCContractSim

- LiquidateBCContractSim

- QueryBCContractSim

- CloseBCContractSim

- DeleteBCContractSim

- ReverseBCContractSim

- RolloverBCContractSim

- QueryContract
  This is the operation code for querying the BC contract in Oracle Banking Trade Finance. It involves the following messages:

- CreateContract
  This is the operation code for creating new BC contract in Oracle Banking Trade Finance. It involves the following messages:

- ModifyContract
  This is the operation code for modifying the BC contract in Oracle Banking Trade Finance. It involves the following messages:

- LiquidateContract
  This is the operation code for liquidating the BC contract in Oracle Banking Trade Finance. It involves the following messages:

- AuthorizeContract
  This is the operation code for authorizing the BC contract in Oracle Banking Trade Finance. It involves the following messages:

- CloseContract
  This is the operation code for closing the BC contract in Oracle Banking Trade Finance. It involves the following messages:

- DeleteContract
  This is the operation code for deleting the BC contract in Oracle Banking Trade Finance. It involves the following messages:

- ReverseContract
  This is the operation code for reversing the BC contract in Oracle Banking Trade Finance. It involves the following messages:

- RolloverContract
  This is the operation code for rollover the BC contract in Oracle Banking Trade Finance. It involves the following messages:

- CreateBCContractSim
  This is the operation code for simulating BC contract in Oracle Banking Trade Finance. It involves the following messages:

- ModifyBCContractSim
  This is the operation code for simulating the BC contract modification in Oracle Banking Trade Finance. It involves the following messages:

- LiquidateBCContractSim
  This is the operation code for simulating the BC contract liquidation in Oracle Banking Trade Finance. It involves the following messages:

- **QueryBCContractSim**
  This is the operation code for querying the BC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- **AuthorizeBCContractSim**
  This is the operation code for authorizing the BC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- **CloseBCContractSim**
  This is the operation code for closing the BC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- **DeleteBCContractSim**
  This is the operation code for deleting the BC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- **ReverseBCContractSim**
  This is the operation code for reversing the BC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- **RolloverBCContractSim**
  This is the operation code for rollover the BC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

5.2.1.1 QueryContract

This is the operation code for querying the BC contract in Oracle Banking Trade Finance. It involves the following messages:

- QueryContract-Req-IO - This is the request message to query BC contract in Oracle Banking Trade Finance. An external system which intends to query BC contract has to send the request in the format specified. The format of the message is called 'Input-only', which has only those fields that are actually required for querying the BC contract.

- QueryContract-Res-Full - This is the response message which is sent back to the external system when a BC contract is successfully queried in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

5.2.1.2 CreateContract

This is the operation code for creating new BC contract in Oracle Banking Trade Finance. It involves the following messages:

- CreateContract-Req-Full - This is the request message to create a new BC contract in Oracle Banking Trade Finance. An external system which intends to create new BC contract has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- CreateContract-Req-IO - This is the request message to create a new BC contract in Oracle Banking Trade Finance. An external system which intends to create new BC contract has to send the request in the format specified. The format of the message is called 'Input-only', which has only those fields that are actually required for creating the BC contract.

- CreateContract-Res-Full - This is the response message which is sent back to the external system when a BC contract is successfully created in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input

fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- CreateContract-Res-PK - This is the response message which is sent back to the external system when a BC contract is successfully created in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields of the BC contract creation in the Oracle Banking Trade Finance data store.

5.2.1.3 ModifyContract

This is the operation code for modifying the BC contract in Oracle Banking Trade Finance. It involves the following messages:

- ModifyContract-Req-Full - This is the request message to modifying the BC contract in Oracle Banking Trade Finance. An external system which intends modify the BC contract has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- ModifyContract-Req-IO - This is the request message to modifying the BC contract in Oracle Banking Trade Finance. An external system which intends modify the BC contract has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for modifying the contract.

- ModifyContract-Res-Full - This is the response message which is sent back to the external system when a BC contract is successfully modified in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- ModifyContract-Res-PK- This is the response message which is sent back to the external system when a BC contract is successfully modified in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields of the BC contract modification in the Oracle Banking Trade Finance data store.

5.2.1.4 LiquidateContract

This is the operation code for liquidating the BC contract in Oracle Banking Trade Finance. It involves the following messages:

- LiquidateContract-Req-Full- This is the request message to liquidate a BC contract in Oracle Banking Trade Finance. An external system which intends to liquidate a BC contract has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- LiquidateContract-Req-IO- This is the request message to liquidate BC contract in Oracle Banking Trade Finance. An external system which intends to liquidate BC contract has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for liquidating BC contract.

- LiquidateContract-Res-Full- This is the response message which is sent back to the external system when a BC contract is successfully liquidated in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- LiquidateContract-Res-PK- This is the response message which is sent back to the external system when a BC contract is successfully liquidated in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only

the primary key fields of the BC contract liquidation in the Oracle Banking Trade Finance data store.

5.2.1.5 AuthorizeContract

This is the operation code for authorizing the BC contract in Oracle Banking Trade Finance. It involves the following messages:

- AuthorizeContract-Req-Full- This is the request message to authorize a BC contract in Oracle Banking Trade Finance. An external system which intends to authorize a BC contract has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- AuthorizeContract-Req-IO- This is the request message to authorize BC contract in Oracle Banking Trade Finance. An external system which intends to authorize BC contract has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for authorizing BC contract.

- AuthorizeContract-Res-Full- This is the response message which is sent back to the external system when a BC contract is successfully authorized in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- AuthorizeContract-Res-PK- This is the response message which is sent back to the external system when a BC contract is successfully authorized in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to authorize BC contract in the Oracle Banking Trade Finance data store.

5.2.1.6 CloseContract

This is the operation code for closing the BC contract in Oracle Banking Trade Finance. It involves the following messages:

- CloseContract-Req-Full- This is the request message to close BC contract in Oracle Banking Trade Finance. An external system which intends to close BC contract has to send the request in the format specified. The format of the message is called 'Full- screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- CloseContract-Req-IO- This is the request message to close BC contract in Oracle Banking Trade Finance. An external system which intends to close BC contract has to send the request in the specified format. The format of the message is called 'Input- only', which has only those fields that are actually required for closing BC contract.

- CloseContract-Res-Full- This is the response message which is sent back to the external system when a BC contract is successfully closed in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- CloseContract-Res-PK- This is the response message which is sent back to the external system when a BC contract is successfully closed in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to close BC contract in the Oracle Banking Trade Finance data store.

5.2.1.7 DeleteContract

This is the operation code for deleting the BC contract in Oracle Banking Trade Finance. It involves the following messages:

- DeleteContract-Req-Full- This is the request message to delete BC contract in Oracle Banking Trade Finance. An external system which intends to delete BC contract has to send the request in the format specified. The format of the message is called 'Full- screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- DeleteContract-Req-IO- This is the request message to delete BC contract in Oracle Banking Trade Finance. An external system which intends to delete BC contract has to send the request in the specified format. The format of the message is called 'Input- only', which has only those fields that are actually required for deleting BC contract.

- DeleteContract-Res-Full- This is the response message which is sent back to the external system when a BC contract is successfully deleted in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- DeleteContract-Res-PK- This is the response message which is sent back to the external system when a BC contract is successfully deleted in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to delete BC contract in the Oracle Banking Trade Finance data store.

5.2.1.8 ReverseContract

This is the operation code for reversing the BC contract in Oracle Banking Trade Finance. It involves the following messages:

- ReverseContract-Req-Full- This is the request message to reverse BC contract in Oracle Banking Trade Finance. An external system which intends to reverse BC contract has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- ReverseContract-Req-IO- This is the request message to reverse BC contract in Oracle Banking Trade Finance. An external system which intends to reverse BC contract has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for reversing BC contract.

- ReverseContract-Res-Full- This is the response message which is sent back to the external system when a BC contract is successfully reversed in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- ReverseContract-Res-PK- This is the response message which is sent back to the external system when a BC contract is successfully reversed in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to reverse BC contract in the Oracle Banking Trade Finance data store.

5.2.1.9 RolloverContract

This is the operation code for rollover the BC contract in Oracle Banking Trade Finance. It involves the following messages:

- RolloverContract-Req-Full- This is the request message to rollover BC contract in Oracle Banking Trade Finance. An external system which intends to rollover BC contract has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- RolloverContract-Req-IO- This is the request message to rollover BC contract in Oracle Banking Trade Finance. An external system which intends to rollover BC contract has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for rolling over BC contract.

- RolloverContract-Res-Full- This is the response message which is sent back to the external system when a BC contract is successfully rolled over in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- RolloverContract-Res-PK- This is the response message which is sent back to the external system when a BC contract is successfully rolled over in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to rollover BC contract in the Oracle Banking Trade Finance data store.

5.2.1.10 CreateBCContractSim

This is the operation code for simulating BC contract in Oracle Banking Trade Finance. It involves the following messages:

- CreateBCContractSim-Req-Full - This is the request message to simulate a BC contract in Oracle Banking Trade Finance. An external system which intends to simulate BC contract has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- CreateBCContractSim-Req-IO - This is the request message to simulate a BC contract in Oracle Banking Trade Finance. An external system which intends to simulate BC contract has to send the request in the format specified. The format of the message is called 'Input-only', which has only those fields that are actually required for simulating the BC contract.

- CreateBCContractSim-Res-Full - This is the response message which is sent back to the external system when a BC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- CreateBCContractSim-Res-PK - This is the response message which is sent back to the external system when a BC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields of the BC contract simulation in the Oracle Banking Trade Finance data store.

5.2.1.11 ModifyBCContractSim

This is the operation code for simulating the BC contract modification in Oracle Banking Trade Finance. It involves the following messages:

- ModifyBCContractSim-Req-Full - This is the request message to simulate the BC contract modification in Oracle Banking Trade Finance. An external system which intends to simulate the BC contract modification has to send the request in the format specified. The

format of the message is called 'Full- screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- ModifyBCContractSim-Req-IO - This is the request message to simulate the BC contract modification in Oracle Banking Trade Finance. An external system which intends to simulate the BC contract modification has to send the request in the specified format. The format of the message is called 'Input- only', which has only those fields that are actually required for simulating the BC contract modification.

- ModifyBCContractSim-Res-Full - This is the response message which is sent back to the external system when modification of BC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- ModifyBCContractSim-Res-PK- This is the response message which is sent back to the external system when modification of BC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields of simulating the BC contract modification in the Oracle Banking Trade Finance data store.

5.2.1.12 LiquidateBCContractSim

This is the operation code for simulating the BC contract liquidation in Oracle Banking Trade Finance. It involves the following messages:

- LiquidateBCContractSim-Req-Full- This is the request message to simulate the BC contract liquidation in Oracle Banking Trade Finance. An external system which intends to simulate the BC contract liquidation has to send the request in the format specified. The format of the message is called 'Full- screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- LiquidateBCContractSim-Req-IO- This is the request message to simulate the BC contract liquidation in Oracle Banking Trade Finance. An external system which intends to simulate the BC contract liquidation has to send the request in the specified format. The format of the message is called 'Input- only', which has only those fields that are actually required for simulating the BC contract liquidation.

- LiquidateBCContractSim-Res-Full- This is the response message which is sent back to the external system when liquidation of BC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- LiquidateBCContractSim-Res-PK- This is the response message which is sent back to the external system when liquidation of BC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields of simulating the BC contract liquidation in the Oracle Banking Trade Finance data store.

5.2.1.13 QueryBCContractSim

This is the operation code for querying the BC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- QueryBCContractSim-Req-IO - This is the request message to query BC contract simulation in Oracle Banking Trade Finance. An external system which intends to query BC contract has to send the request in the format specified. The format of the message is

called 'Input-only', which has only those fields that are actually required for querying the BC contract.

- QueryBCContractSim-Res-Full - This is the response message which is sent back to the external system when a BC contract simulation is successfully queried in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

5.2.1.14 AuthorizeBCContractSim

This is the operation code for authorizing the BC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- AuthorizeBCContractSim-Req-Full- This is the request message to authorize a BC contract simulation in Oracle Banking Trade Finance. An external system which intends to authorize a BC contract simulation has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- AuthorizeBCContractSim-Req-IO- This is the request message to authorize BC contract simulation in Oracle Banking Trade Finance. An external system which intends to authorize BC contract simulation has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for authorizing BC contract simulation.

- AuthorizeBCContractSim-Res-Full- This is the response message which is sent back to the external system when authorization of BC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- AuthorizeBCContractSim-Res-PK- This is the response message which is sent back to the external system when authorization of BC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to authorize BC contract simulation in the Oracle Banking Trade Finance data store.

5.2.1.15 CloseBCContractSim

This is the operation code for closing the BC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- CloseBCContractSim-Req-Full- This is the request message to close BC contract simulation in Oracle Banking Trade Finance. An external system which intends to close BC contract simulation has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front- end screen.

- CloseBCContractSim-Req-IO- This is the request message to close BC contract simulation in Oracle Banking Trade Finance. An external system which intends to close BC contract simulation has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for closing BC contract simulation.

- CloseBCContractSim-Res-Full- This is the response message which is sent back to the external system when closing of BC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes

all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- CloseBCContractSim-Res-PK- This is the response message which is sent back to the external system when closing of BC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to close BC contract simulation in the Oracle Banking Trade Finance data store.

5.2.1.16 DeleteBCContractSim

This is the operation code for deleting the BC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- DeleteBCContractSim-Req-Full- This is the request message to delete BC contract simulation in Oracle Banking Trade Finance. An external system which intends to delete BC contract simulation has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front- end screen.

- DeleteBCContractSim-Req-IO- This is the request message to delete BC contract simulation in Oracle Banking Trade Finance. An external system which intends to delete BC contract simulation has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for deleting BC contract simulation.

- DeleteBCContractSim-Res-Full- This is the response message which is sent back to the external system when a deletion of BC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- DeleteBCContractSim-Res-PK- This is the response message which is sent back to the external system when deletion of BC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to delete BC contract simulation in the Oracle Banking Trade Finance data store.

5.2.1.17 ReverseBCContractSim

This is the operation code for reversing the BC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- ReverseBCContractSim-Req-Full- This is the request message to reverse BC contract simulation in Oracle Banking Trade Finance. An external system which intends to reverse BC contract simulation has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front- end screen.

- ReverseBCContractSim-Req-IO- This is the request message to reverse BC contract simulation in Oracle Banking Trade Finance. An external system which intends to reverse BC contract simulation has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for reversing BC contract simulation.

- ReverseBCContractSim-Res-Full- This is the response message which is sent back to the external system when reversing of BC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes

all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- ReverseBCContractSim-Res-PK- This is the response message which is sent back to the external system when reversing of BC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to reverse BC contract simulation in the Oracle Banking Trade Finance data store.

5.2.1.18 RolloverBCContractSim

This is the operation code for rollover the BC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- RolloverBCContractSim-Req-Full- This is the request message to rollover BC contract simulation in Oracle Banking Trade Finance. An external system which intends to rollover BC contract simulation has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front- end screen.

- RolloverBCContractSim-Req-IO- This is the request message to rollover BC contract simulation in Oracle Banking Trade Finance. An external system which intends to rollover BC contract simulation has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for rolling over BC contract simulation.

- RolloverBCContractSim-Res-Full- This is the response message which is sent back to the external system when rollover of a BC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- RolloverBCContractSim-Res-PK- This is the response message which is sent back to the external system when rollover of a BC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to rollover BC contract simulation in the Oracle Banking Trade Finance data store.

5.2.2 OBTFLCService

All Letter of Credit operations are logically grouped under a service called 'OBTFLCService'.

Oracle Banking Trade Finance supports the following operations under this service:

- QueryContract
- CreateContract
- ModifyContract
- ReopenContract
- AuthorizeContract
- CloseContract
- DeleteContract
- ReverseContract
- RolloverContract
- CreateContractSim

- ModifyContractSim

- ReopenContractSim

- QueryContractSim

- AuthorizeContractSim

- CloseContractSim

- DeleteContractSim

- ReverseContractSim

- RolloverContractSim

- AuthorizeAmendConfirm

- CloseAmendConfirm

- ConfirmAmendConfirm

- DeleteAmendConfirm

- QueryAmendConfirm

- ModifyAmendConfirm

- CreateAmendConfirm

- QueryGuarantee

- CreateGuarantee

- ReverseContractSim

- ModifyGuarantee

- ReopenGuarantee

- AuthorizeGuarantee

- CloseGuarantee

- DeleteGuarantee

- ReverseGuarantee

- QueryContract
  This is the operation code for querying the LC contract in Oracle Banking Trade Finance. It involves the following messages:

- CreateContract
  This is the operation code for creating new LC contract in Oracle Banking Trade Finance. It involves the following messages:

- ModifyContract
  This is the operation code for modifying the LC contract in Oracle Banking Trade Finance. It involves the following messages:

- ReopenContract
  This is the operation code for reopening the LC contract in Oracle Banking Trade Finance. It involves the following messages:

- AuthorizeContract
  This is the operation code for authorizing the LC contract in Oracle Banking Trade Finance. It involves the following messages:

- CloseContract

  This is the operation code for closing the LC contract in Oracle Banking Trade Finance. It involves the following messages:

- DeleteContract

  This is the operation code for deleting the LC contract in Oracle Banking Trade Finance. It involves the following messages:

- ReverseContract

  This is the operation code for reversing the LC contract in Oracle Banking Trade Finance. It involves the following messages:

- RolloverContract

  This is the operation code for rollover the LC contract in Oracle Banking Trade Finance. It involves the following messages:

- CreateContractSim

  This is the operation code for simulating LC contract in Oracle Banking Trade Finance. It involves the following messages:

- ModifyContractSim

  This is the operation code for simulating the LC contract modification in Oracle Banking Trade Finance. It involves the following messages:

- ReopenContractSim

  This is the operation code for simulating the LC contract reopen in Oracle Banking Trade Finance. It involves the following messages:

- QueryContractSim

  This is the operation code for querying the LC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- AuthorizeContractSim

  This is the operation code for authorizing the LC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- CloseContractSim

  This is the operation code for closing the LC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- DeleteContractSim

  This is the operation code for deleting the LC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- ReverseContractSim

  This is the operation code for reversing the LC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- RolloverContractSim

  This is the operation code for rollover the LC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- AuthorizeAmendConfirm

  This is the operation code for authorizing the LC contract amendment in Oracle Banking Trade Finance. It involves the following messages:

- CloseAmendConfirm

  This is the operation code for closing the LC contract amendment in Oracle Banking Trade Finance. It involves the following messages:

- ConfirmAmendConfirm

  This is the operation code for confirming the LC contract amendment in Oracle Banking Trade Finance. It involves the following messages:

- **DeleteAmendConfirm**
  This is the operation code for deleting the LC contract amendment in Oracle Banking Trade Finance. It involves the following messages:

- **QueryAmendConfirm**
  This is the operation code for querying the LC contract amendment in Oracle Banking Trade Finance. It involves the following messages:

- **ModifyAmendConfirm**
  This is the operation code for modifying the LC contract amendment in Oracle Banking Trade Finance. It involves the following messages:

- **CreateAmendConfirm**
  This is the operation code for creating the LC contract amendment in Oracle Banking Trade Finance. It involves the following messages:

- **QueryGuarantee**
  This is the operation code for querying the guarantee in Oracle Banking Trade Finance. It involves the following messages:

- **CreateGuarantee**
  This is the operation code for creating new guarantee in Oracle Banking Trade Finance. It involves the following messages:

- **ModifyGuarantee**
  This is the operation code for modifying the guarantee in Oracle Banking Trade Finance. It involves the following messages:

- **ReopenGuarantee**
  This is the operation code for reopening the guarantee in Oracle Banking Trade Finance. It involves the following messages:

- **AuthorizeGuarantee**
  This is the operation code for authorizing the guarantee in Oracle Banking Trade Finance. It involves the following messages:

- **CloseGuarantee**
  This is the operation code for closing the guarantee in Oracle Banking Trade Finance. It involves the following messages:

- **DeleteGuarantee**
  This is the operation code for deleting the guarantee in Oracle Banking Trade Finance. It involves the following messages:

- **ReverseGuarantee**
  This is the operation code for reversing the guarantee in Oracle Banking Trade Finance. It involves the following messages:

5.2.2.1 QueryContract

This is the operation code for querying the LC contract in Oracle Banking Trade Finance. It involves the following messages:

- QueryContract-Req-IO - This is the request message to query LC contract in Oracle Banking Trade Finance. An external system which intends to query LC contract has to send the request in the format specified. The format of the message is called 'Input-only', which has only those fields that are actually required for querying the LC contract.

- QueryContract-Res-Full - This is the response message which is sent back to the external system when a LC contract is successfully queried in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input

fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

5.2.2.2 CreateContract

This is the operation code for creating new LC contract in Oracle Banking Trade Finance. It involves the following messages:

- CreateContract-Req-Full - This is the request message to create a new LC contract in Oracle Banking Trade Finance. An external system which intends to create new LC contract has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- CreateContract-Req-IO - This is the request message to create a new LC contract in Oracle Banking Trade Finance. An external system which intends to create new LC contract has to send the request in the format specified. The format of the message is called 'Input-only', which has only those fields that are actually required for creating the LC contract.

- CreateContract-Res-Full - This is the response message which is sent back to the external system when a LC contract is successfully created in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- CreateContract-Res-PK - This is the response message which is sent back to the external system when a LC contract is successfully created in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields of the LC contract creation in the Oracle Banking Trade Finance data store.

5.2.2.3 ModifyContract

This is the operation code for modifying the LC contract in Oracle Banking Trade Finance. It involves the following messages:

- ModifyContract-Req-Full - This is the request message to modifying the LC contract in Oracle Banking Trade Finance. An external system which intends modify the LC contract has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- ModifyContract-Req-IO - This is the request message to modifying the LC contract in Oracle Banking Trade Finance. An external system which intends modify the LC contract has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for modifying the contract.

- ModifyContract-Res-Full - This is the response message which is sent back to the external system when a LC contract is successfully modified in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- ModifyContract-Res-PK- This is the response message which is sent back to the external system when a LC contract is successfully modified in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields of the LC contract modification in the Oracle Banking Trade Finance data store.

5.2.2.4 ReopenContract

This is the operation code for reopening the LC contract in Oracle Banking Trade Finance. It involves the following messages:

- ReopenContract-Req-Full- This is the request message to reopen a LC contract in Oracle Banking Trade Finance. An external system which intends to reopen a LC contract has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- ReopenContract-Req-IO- This is the request message to reopen LC contract in Oracle Banking Trade Finance. An external system which intends to reopen LC contract has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for reopening LC contract.

- ReopenContract-Res-Full- This is the response message which is sent back to the external system when a LC contract is successfully reopened in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- ReopenContract-Res-PK- This is the response message which is sent back to the external system when a LC contract is successfully reopened in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields of the LC contract reopen in the Oracle Banking Trade Finance data store.

5.2.2.5 AuthorizeContract

This is the operation code for authorizing the LC contract in Oracle Banking Trade Finance. It involves the following messages:

- AuthorizeContract-Req-Full- This is the request message to authorize a LC contract in Oracle Banking Trade Finance. An external system which intends to authorize a LC contract has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- AuthorizeContract-Req-IO- This is the request message to authorize LC contract in Oracle Banking Trade Finance. An external system which intends to authorize LC contract has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for authorizing LC contract.

- AuthorizeContract-Res-Full- This is the response message which is sent back to the external system when a LC contract is successfully authorized in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- AuthorizeContract-Res-PK- This is the response message which is sent back to the external system when a LC contract is successfully authorized in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to authorize LC contract in the Oracle Banking Trade Finance data store.

5.2.2.6 CloseContract

This is the operation code for closing the LC contract in Oracle Banking Trade Finance. It involves the following messages:

- CloseContract-Req-Full- This is the request message to close LC contract in Oracle Banking Trade Finance. An external system which intends to close LC contract has to send the request in the format specified. The format of the message is called 'Full- screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- CloseContract-Req-IO- This is the request message to close LC contract in Oracle Banking Trade Finance. An external system which intends to close LC contract has to send the request in the specified format. The format of the message is called 'Input- only', which has only those fields that are actually required for closing LC contract.

- CloseContract-Res-Full- This is the response message which is sent back to the external system when a LC contract is successfully closed in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- CloseContract-Res-PK- This is the response message which is sent back to the external system when a LC contract is successfully closed in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to close LC contract in the Oracle Banking Trade Finance data store.

5.2.2.7 DeleteContract

This is the operation code for deleting the LC contract in Oracle Banking Trade Finance. It involves the following messages:

- DeleteContract-Req-Full- This is the request message to delete LC contract in Oracle Banking Trade Finance. An external system which intends to delete LC contract has to send the request in the format specified. The format of the message is called 'Full- screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- DeleteContract-Req-IO- This is the request message to delete LC contract in Oracle Banking Trade Finance. An external system which intends to delete LC contract has to send the request in the specified format. The format of the message is called 'Input- only', which has only those fields that are actually required for deleting LC contract.

- DeleteContract-Res-Full- This is the response message which is sent back to the external system when a LC contract is successfully deleted in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- DeleteContract-Res-PK- This is the response message which is sent back to the external system when a LC contract is successfully deleted in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to delete LC contract in the Oracle Banking Trade Finance data store.

5.2.2.8 ReverseContract

This is the operation code for reversing the LC contract in Oracle Banking Trade Finance. It involves the following messages:

- ReverseContract-Req-Full- This is the request message to reverse LC contract in Oracle Banking Trade Finance. An external system which intends to reverse LC contract has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- ReverseContract-Req-IO- This is the request message to reverse LC contract in Oracle Banking Trade Finance. An external system which intends to reverse LC contract has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for reversing LC contract.

- ReverseContract-Res-Full- This is the response message which is sent back to the external system when a LC contract is successfully reversed in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- ReverseContract-Res-PK- This is the response message which is sent back to the external system when a LC contract is successfully reversed in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to reverse LC contract in the Oracle Banking Trade Finance data store.

5.2.2.9 RolloverContract

This is the operation code for rollover the LC contract in Oracle Banking Trade Finance. It involves the following messages:

- RolloverContract-Req-Full- This is the request message to rollover LC contract in Oracle Banking Trade Finance. An external system which intends to rollover LC contract has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- RolloverContract-Req-IO- This is the request message to rollover LC contract in Oracle Banking Trade Finance. An external system which intends to rollover LC contract has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for rolling over LC contract.

- RolloverContract-Res-Full- This is the response message which is sent back to the external system when a LC contract is successfully rolled over in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- RolloverContract-Res-PK- This is the response message which is sent back to the external system when a LC contract is successfully rolled over in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to rollover LC contract in the Oracle Banking Trade Finance data store.

5.2.2.10 CreateContractSim

This is the operation code for simulating LC contract in Oracle Banking Trade Finance. It involves the following messages:

- CreateContractSim-Req-Full - This is the request message to simulate a LC contract in Oracle Banking Trade Finance. An external system which intends to simulate LC contract has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields)as in the corresponding Oracle Banking Trade Finance front-end screen.

- CreateContractSim-Req-IO - This is the request message to simulate a LC contract in Oracle Banking Trade Finance. An external system which intends to simulate LC contract has to send the request in the format specified. The format of the message is called 'Input-only', which has only those fields that are actually required for simulating the LC contract.

- CreateContractSim-Res-Full - This is the response message which is sent back to the external system when a LC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- CreateContractSim-Res-PK - This is the response message which is sent back to the external system when a LC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields of the LC contract simulation in the Oracle Banking Trade Finance data store.

5.2.2.11 ModifyContractSim

This is the operation code for simulating the LC contract modification in Oracle Banking Trade Finance. It involves the following messages:

- ModifyContractSim-Req-Full - This is the request message to simulate the LC contract modification in Oracle Banking Trade Finance. An external system which intends to simulate the LC contract modification has to send the request in the format specified. The format of the message is called 'Full- screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- ModifyContractSim-Req-IO - This is the request message to simulate the LC contract modification in Oracle Banking Trade Finance. An external system which intends to simulate the LC contract modification has to send the request in the specified format. The format of the message is called 'Input- only', which has only those fields that are actually required for simulating the LC contract modification.

- ModifyContractSim-Res-Full - This is the response message which is sent back to the external system when modification of LC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- ModifyContractSim-Res-PK- This is the response message which is sent back to the external system when modification of LC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields of simulating the LC contract modification in the Oracle Banking Trade Finance data store.

5.2.2.12 ReopenContractSim

This is the operation code for simulating the LC contract reopen in Oracle Banking Trade Finance. It involves the following messages:

- ReopenContractSim-Req-Full- This is the request message to simulate the LC contract reopen in Oracle Banking Trade Finance. An external system which intends to simulate the LC contract reopen has to send the request in the format specified. The format of the message is called 'Full- screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front- end screen.

- ReopenContractSim-Req-IO- This is the request message to simulate the LC contract reopen in Oracle Banking Trade Finance. An external system which intends to simulate the

LC contract reopen has to send the request in the specified format. The format of the message is called 'Input- only', which has only those fields that are actually required for simulating the LC contract reopen.

- ReopenContractSim-Res-Full- This is the response message which is sent back to the external system when reopening of LC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- ReopenContractSim-Res-PK- This is the response message which is sent back to the external system when reopening of LC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields of simulating the LC contract reopen in the Oracle Banking Trade Finance data store.

5.2.2.13 QueryContractSim

This is the operation code for querying the LC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- QueryContractSim-Req-IO - This is the request message to query LC contract simulation in Oracle Banking Trade Finance. An external system which intends to query LC contract has to send the request in the format specified. The format of the message is called 'Input-only', which has only those fields that are actually required for querying the LC contract.

- QueryContractSim-Res-Full - This is the response message which is sent back to the external system when a LC contract simulation is successfully queried in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

5.2.2.14 AuthorizeContractSim

This is the operation code for authorizing the LC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- AuthorizeContractSim-Req-Full- This is the request message to authorize a LC contract simulation in Oracle Banking Trade Finance. An external system which intends to authorize a LC contract simulation has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- AuthorizeContractSim-Req-IO- This is the request message to authorize LC contract simulation in Oracle Banking Trade Finance. An external system which intends to authorize LC contract simulation has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for authorizing LC contract simulation.

- AuthorizeContractSim-Res-Full- This is the response message which is sent back to the external system when authorization of LC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- AuthorizeContractSim-Res-PK- This is the response message which is sent back to the external system when authorization of LC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response',

which includes only the primary key fields to authorize LC contract simulation in the Oracle Banking Trade Finance data store.

5.2.2.15 CloseContractSim

This is the operation code for closing the LC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- CloseContractSim-Req-Full- This is the request message to close LC contract simulation in Oracle Banking Trade Finance. An external system which intends to close LC contract simulation has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front- end screen.

- CloseContractSim-Req-IO- This is the request message to close LC contract simulation in Oracle Banking Trade Finance. An external system which intends to close LC contract simulation has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for closing LC contract simulation.

- CloseContractSim-Res-Full- This is the response message which is sent back to the external system when closing of LC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- CloseContractSim-Res-PK- This is the response message which is sent back to the external system when closing of LC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to close LC contract simulation in the Oracle Banking Trade Finance data store.

5.2.2.16 DeleteContractSim

This is the operation code for deleting the LC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- DeleteContractSim-Req-Full- This is the request message to delete LC contract simulation in Oracle Banking Trade Finance. An external system which intends to delete LC contract simulation has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front- end screen.

- DeleteContractSim-Req-IO- This is the request message to delete LC contract simulation in Oracle Banking Trade Finance. An external system which intends to delete LC contract simulation has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for deleting LC contract simulation.

- DeleteContractSim-Res-Full- This is the response message which is sent back to the external system when a deletion of LC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- DeleteContractSim-Res-PK- This is the response message which is sent back to the external system when deletion of LC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which

includes only the primary key fields to delete LC contract simulation in the Oracle Banking Trade Finance data store.

5.2.2.17 ReverseContractSim

This is the operation code for reversing the LC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- ReverseContractSim-Req-Full- This is the request message to reverse LC contract simulation in Oracle Banking Trade Finance. An external system which intends to reverse LC contract simulation has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front- end screen.

- ReverseContractSim-Req-IO- This is the request message to reverse LC contract simulation in Oracle Banking Trade Finance. An external system which intends to reverse LC contract simulation has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for reversing LC contract simulation.

- ReverseContractSim-Res-Full- This is the response message which is sent back to the external system when reversing of LC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- ReverseContractSim-Res-PK- This is the response message which is sent back to the external system when reversing of LC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to reverse LC contract simulation in the Oracle Banking Trade Finance data store.

5.2.2.18 RolloverContractSim

This is the operation code for rollover the LC contract simulation in Oracle Banking Trade Finance. It involves the following messages:

- RolloverContractSim-Req-Full- This is the request message to rollover LC contract simulation in Oracle Banking Trade Finance. An external system which intends to rollover LC contract simulation has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front- end screen.

- RolloverContractSim-Req-IO- This is the request message to rollover LC contract simulation in Oracle Banking Trade Finance. An external system which intends to rollover LC contract simulation has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for rolling over LC contract simulation.

- RolloverContractSim-Res-Full- This is the response message which is sent back to the external system when rollover of a LC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- RolloverContractSim-Res-PK- This is the response message which is sent back to the external system when rollover of a LC contract is successfully simulated in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which

includes only the primary key fields to rollover LC contract simulation in the Oracle Banking Trade Finance data store.

5.2.2.19 AuthorizeAmendConfirm

This is the operation code for authorizing the LC contract amendment in Oracle Banking Trade Finance. It involves the following messages:

- AuthorizeAmendConfirm-Req-Full- This is the request message to authorize a LC contract amendment in Oracle Banking Trade Finance. An external system which intends to authorize a LC contract amendment has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- AuthorizeAmendConfirm-Req-IO- This is the request message to authorize LC contract amendment in Oracle Banking Trade Finance. An external system which intends to authorize LC contract amendment has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for authorizing LC contract amendment.

- AuthorizeAmendConfirm-Res-Full- This is the response message which is sent back to the external system when amendment of LC contract is successfully authorized in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- AuthorizeAmendConfirm-Res-PK- This is the response message which is sent back to the external system when amendment of LC contract is successfully authorized in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to authorize LC contract amendment in the Oracle Banking Trade Finance data store.

5.2.2.20 CloseAmendConfirm

This is the operation code for closing the LC contract amendment in Oracle Banking Trade Finance. It involves the following messages:

- CloseAmendConfirm-Req-Full- This is the request message to close LC contract amendment in Oracle Banking Trade Finance. An external system which intends to close LC contract amendment has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front- end screen.

- CloseAmendConfirm-Req-IO- This is the request message to close LC contract amendment in Oracle Banking Trade Finance. An external system which intends to close LC contract amendment has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for closing LC contract amendment.

- CloseAmendConfirm-Res-Full- This is the response message which is sent back to the external system when amendment of LC contract is successfully closed in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- CloseAmendConfirm-Res-PK- This is the response message which is sent back to the external system when amendment of LC contract is successfully closed in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which

includes only the primary key fields to close LC contract amendment in the Oracle Banking Trade Finance data store.

5.2.2.21 ConfirmAmendConfirm

This is the operation code for confirming the LC contract amendment in Oracle Banking Trade Finance. It involves the following messages:

- ConfirmAmendConfirm-Req-Full- This is the request message to confirm LC contract amendment in Oracle Banking Trade Finance. An external system which intends to confirm LC contract amendment has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front- end screen.

- ConfirmAmendConfirm-Req-IO- This is the request message to confrim LC contract amendment in Oracle Banking Trade Finance. An external system which intends to confirm LC contract amendment has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for confirming LC contract amendment.

- ConfirmAmendConfirm-Res-Full- This is the response message which is sent back to the external system when amendment of LC contract is successfully confirmed in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- ConfirmAmendConfirm-Res-PK- This is the response message which is sent back to the external system when amendment of LC contract is successfully confirmed in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to confirm LC contract amendment in the Oracle Banking Trade Finance data store.

5.2.2.22 DeleteAmendConfirm

This is the operation code for deleting the LC contract amendment in Oracle Banking Trade Finance. It involves the following messages:

- DeleteAmendConfirm-Req-Full- This is the request message to delete LC contract amendment in Oracle Banking Trade Finance. An external system which intends to delete LC contract amendment has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front- end screen.

- DeleteAmendConfirm-Req-IO- This is the request message to delete LC contract amendment in Oracle Banking Trade Finance. An external system which intends to delete LC contract amendment has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for deleting LC contract amendment.

- DeleteAmendConfirm-Res-Full- This is the response message which is sent back to the external system when amendment of LC contract is successfully deleted in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- DeleteAmendConfirm-Res-PK- This is the response message which is sent back to the external system when amendment of LC contract is successfully deleted in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which

includes only the primary key fields to delete LC contract amendment in the Oracle Banking Trade Finance data store.

5.2.2.23 QueryAmendConfirm

This is the operation code for querying the LC contract amendment in Oracle Banking Trade Finance. It involves the following messages:

- QueryAmendConfirm-Req-IO- This is the request message to query LC contract amendment in Oracle Banking Trade Finance. An external system which intends to query LC contract amendment has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for querying LC contract amendment.

- QueryAmendConfirm-Res-Full- This is the response message which is sent back to the external system when amendment of LC contract is successfully queried in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

5.2.2.24 ModifyAmendConfirm

This is the operation code for modifying the LC contract amendment in Oracle Banking Trade Finance. It involves the following messages:

- ModifyAmendConfirm-Req-Full- This is the request message to modify LC contract amendment in Oracle Banking Trade Finance. An external system which intends to modify LC contract amendment has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front- end screen.

- ModifyAmendConfirm-Req-IO- This is the request message to modify LC contract amendment in Oracle Banking Trade Finance. An external system which intends to modify LC contract amendment has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for modifying LC contract amendment.

- ModifyAmendConfirm-Res-Full- This is the response message which is sent back to the external system when amendment of LC contract is successfully modified in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- ModifyAmendConfirm-Res-PK- This is the response message which is sent back to the external system when amendment of LC contract is successfully modified in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to modify LC contract amendment in the Oracle Banking Trade Finance data store.

5.2.2.25 CreateAmendConfirm

This is the operation code for creating the LC contract amendment in Oracle Banking Trade Finance. It involves the following messages:

- CreateAmendConfirm-Req-Full- This is the request message to create LC contract amendment in Oracle Banking Trade Finance. An external system which intends to create LC contract amendment has to send the request in the format specified. The format of the

message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front- end screen.

- CreateAmendConfirm-Req-IO- This is the request message to create LC contract amendment in Oracle Banking Trade Finance. An external system which intends to create LC contract amendment has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for creating LC contract amendment.

- CreateAmendConfirm-Res-Full- This is the response message which is sent back to the external system when amendment of LC contract is successfully created in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- CreateAmendConfirm-Res-PK- This is the response message which is sent back to the external system when amendment of LC contract is successfully created in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to create LC contract amendment in the Oracle Banking Trade Finance data store.

5.2.2.26 QueryGuarantee

This is the operation code for querying the guarantee in Oracle Banking Trade Finance. It involves the following messages:

- QueryGuarantee-Req-IO - This is the request message to query guarantee in Oracle Banking Trade Finance. An external system which intends to query guarantee has to send the request in the format specified. The format of the message is called 'Input- only', which has only those fields that are actually required for querying the guarantee.

- QueryGuarantee-Res-Full - This is the response message which is sent back to the external system when a guarantee is successfully queried in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

5.2.2.27 CreateGuarantee

This is the operation code for creating new guarantee in Oracle Banking Trade Finance. It involves the following messages:

- CreateGuarantee-Req-Full - This is the request message to create a new guarantee in Oracle Banking Trade Finance. An external system which intends to create new guarantee has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- CreateGuarantee-Req-IO - This is the request message to create a new guarantee in Oracle Banking Trade Finance. An external system which intends to create new guarantee has to send the request in the format specified. The format of the message is called 'Input-only', which has only those fields that are actually required for creating the guarantee.

- CreateGuarantee-Res-Full - This is the response message which is sent back to the external system when a guarantee is successfully created in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- CreateGuarantee-Res-PK - This is the response message which is sent back to the external system when a guarantee is successfully created in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields of guarantee creation in the Oracle Banking Trade Finance data store.

5.2.2.28 ModifyGuarantee

This is the operation code for modifying the guarantee in Oracle Banking Trade Finance. It involves the following messages:

- ModifyGuarantee-Req-Full - This is the request message to modifying the guarantee in Oracle Banking Trade Finance. An external system which intends modify the guarantee has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- ModifyGuarantee-Req-IO - This is the request message to modifying the guarantee in Oracle Banking Trade Finance. An external system which intends modify the guarantee has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for modifying the guarantee.

- ModifyGuarantee-Res-Full - This is the response message which is sent back to the external system when a guarantee is successfully modified in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- ModifyGuarantee-Res-PK- This is the response message which is sent back to the external system when a guarantee is successfully modified in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields of the guarantee modification in the Oracle Banking Trade Finance data store.

5.2.2.29 ReopenGuarantee

This is the operation code for reopening the guarantee in Oracle Banking Trade Finance. It involves the following messages:

- ReopenGuarantee-Req-Full- This is the request message to reopen a guarantee in Oracle Banking Trade Finance. An external system which intends to reopen a guarantee has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- ReopenGuarantee-Req-IO- This is the request message to reopen guarantee in Oracle Banking Trade Finance. An external system which intends to reopen guarantee has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for reopening guarantee.

- ReopenGuarantee-Res-Full- This is the response message which is sent back to the external system when a guarantee is successfully reopened in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- ReopenGuarantee-Res-PK- This is the response message which is sent back to the external system when a guarantee is successfully reopened in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only

the primary key fields of the guarantee reopen in the Oracle Banking Trade Finance data store.

5.2.2.30 AuthorizeGuarantee

This is the operation code for authorizing the guarantee in Oracle Banking Trade Finance. It involves the following messages:

- AuthorizeGuarantee-Req-Full- This is the request message to authorize a guarantee in Oracle Banking Trade Finance. An external system which intends to authorize a guarantee has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- AuthorizeGuarantee-Req-IO- This is the request message to authorize guarantee in Oracle Banking Trade Finance. An external system which intends to authorize guarantee has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for authorizing guarantee.

- AuthorizeGuarantee-Res-Full- This is the response message which is sent back to the external system when a guarantee is successfully authorized in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- AuthorizeGuarantee-Res-PK- This is the response message which is sent back to the external system when a guarantee is successfully authorized in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to authorize guarantee in the Oracle Banking Trade Finance data store.

5.2.2.31 CloseGuarantee

This is the operation code for closing the guarantee in Oracle Banking Trade Finance. It involves the following messages:

- CloseGuarantee-Req-Full- This is the request message to close guarantee in Oracle Banking Trade Finance. An external system which intends to close guarantee has to send the request in the format specified. The format of the message is called 'Full- screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- CloseGuarantee-Req-IO- This is the request message to close guarantee in Oracle Banking Trade Finance. An external system which intends to close guarantee to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for closing guarantee.

- CloseGuarantee-Res-Full- This is the response message which is sent back to the external system when guarantee is successfully closed in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- CloseGuarantee-Res-PK- This is the response message which is sent back to the external system when a guarantee is successfully closed in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to close guarantee in the Oracle Banking Trade Finance data store.

5.2.2.32 DeleteGuarantee

This is the operation code for deleting the guarantee in Oracle Banking Trade Finance. It involves the following messages:

- DeleteGuarantee-Req-Full- This is the request message to delete guarantee in Oracle Banking Trade Finance. An external system which intends to delete guarantee has to send the request in the format specified. The format of the message is called 'Full- screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- DeleteGuarantee-Req-IO- This is the request message to delete guarantee in Oracle Banking Trade Finance. An external system which intends to delete guarantee has to send the request in the specified format. The format of the message is called 'Input- only', which has only those fields that are actually required for deleting guarantee.

- DeleteGuarantee-Res-Full- This is the response message which is sent back to the external system when a guarantee is successfully deleted in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- DeleteGuarantee-Res-PK- This is the response message which is sent back to the external system when a guarantee is successfully deleted in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to delete guarantee in the Oracle Banking Trade Finance data store.

5.2.2.33 ReverseGuarantee

This is the operation code for reversing the guarantee in Oracle Banking Trade Finance. It involves the following messages:

- ReverseGuarantee-Req-Full- This is the request message to reverse guarantee in Oracle Banking Trade Finance. An external system which intends to reverse guarantee has to send the request in the format specified. The format of the message is called 'Full-screen', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance front-end screen.

- ReverseGuarantee-Req-IO- This is the request message to reverse guarantee in Oracle Banking Trade Finance. An external system which intends to reverse guarantee has to send the request in the specified format. The format of the message is called 'Input-only', which has only those fields that are actually required for reversing guarantee.

- ReverseGuarantee-Res-Full- This is the response message which is sent back to the external system when a guarantee is successfully reversed in Oracle Banking Trade Finance. The format of the message is called 'Full-screen response', which includes all the fields (input fields and the display fields) as in the corresponding Oracle Banking Trade Finance screen.

- ReverseGuarantee-Res-PK- This is the response message which is sent back to the external system when a guarantee is successfully reversed in Oracle Banking Trade Finance. The format of the message is called 'Primary-Key response', which includes only the primary key fields to reverse guarantee in the Oracle Banking Trade Finance data store.

Glossary

CODSORCE

Upload Source Maintenance - Maintain Upload Source Details

CODUPLDM

Upload Source Preferences Maintenance - Specify Upload Source Preferences

GWDAMDMT

Gateway Amendment Maintenance - Maintain Gateway Amendment Details

GWDINBRW

Incoming Message Browser - Detail - Incoming Message Browser

GWDNTFEN

Notification Enroutes Maintenance - Define the Notifications Enroutes

GWDNTFIN

Notifications Installed - Define Notification Messages

GWDOTBRW

Outgoing Message Browser - Outgoing Message Browser

GWSINBRW

Incoming Message Browser - View Incoming Message Details

GWSNTFEN

Notifications Enroutes Summary - View Summary

GWSNTFIN

Notifications Installed Summary - View Installed Notification Details

GWSOTBRW

Outgoing Message Browser - Query Outgoing Message Browser

GWSPBROW

Duplicate Message Browser Summary - Duplicate Message Browser