Oracle® Banking Trade Finance

Product Release Note

Release 14.9.0.0.0

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Oracle Banking Trade Finance Product Release Note, Release 14.9.0.0.0

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Contents

1 Preface

This topic contains following sub-topics:

- Background
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1.1 Background

Oracle Financial Services Software Ltd has developed Oracle Banking Trade Finance (OBTF), which is a comprehensive solution for managing Trade Finance operations for Banks.

Oracle Banking Trade Finance is an online Real-time solution and is enabled for a multi-entity, multi-currency, multi-lingual operations. (OBTF) is built on highly adaptable and modular architecture with leading edge industry standards and supports multi-tenancy deployments.

(OBTF) offers financial institutions, the flexibility to adapt to changing regulatory reforms in Trade Finance markets and enable banks to improve their overall operational efficiency. (OBTF) provides end-to-end capabilities for diverse range of Trade Finance Instruments in Documentary Credits, Documentary Collections, Guarantees and Stand-by-LCs products.

1.2 Purpose

The purpose of this Release Note is to propagate the enhancements in Oracle Banking Trade Finance 14.9.0.0.0.

1.3 Audience

This document is intended for the following audience:

- Customers
- Partners

1.4 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.

1.5 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.

1.6 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.

1.7 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

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

- *Oracle Banking Trade Finance User Manuals*
- *Oracle Banking Trade Finance License Guide*

1.9 Abbreviations

Table 1-1 Abbreviation

Abbreviation	Description
BC	Bills and Collections
LC	Letters of Credit

Table 1-1 (Cont.) Abbreviation

Abbreviation	Description
CD	Corporate Deposits
CASA	Current Accounts and Saving Accounts
GL	General Ledger
MT	Message Type
OBTF	Oracle Banking Trade Finance
OBTFPM	Oracle Banking Trade Finance Process Management
FCUBS	Oracle FLEXCUBE Universal Banking
OBCL	Oracle Banking Corporate Lending
OBRH	Oracle Banking Routing Hub
SWIFT	Society for Worldwide Interbank Financial Telecommunications
ODT	Open Development Tools
RMA	Relationship Management Application
URDG	Uniform Rules for Demand Guarantees
API	Application Programming Interface

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Release Notes

The release notes include details of the new features introduced in release 14.9.0.0.0.

- Release Highlights
- Release Enhancements

2.1 Release Highlights

The rationale for the product release of Oracle Banking Trade Finance version 14.9.0.0.0 is to support regulatory requirements and enhance features that are essential in competitive market.

Release 14.9 shall be the terminal release of Oracle Banking Trade Finance certified on Oracle WebLogic Server.

Following are the features included in the release along with forward porting of applicable fixes related to the incidences reported in previous versions and technical qualification to comply with approved Tech Stack.

- Documentary Collections
  - Bills Commission
  - Interest Rate Interpolation
  - Automation of Charges deducted and Net Amount in MT752
  - Display of accrual entries
  - Non-Conforming Reimbursement Claim
- Guarantees / Stand-by-LCs
  - Counter Guarantee amount and expiry date validations
  - Disabling SWIFT Character validation
  - Non-Extension Notification changes
- Trade – Common Feature
  - Structured / Hybrid Address o SWIFT 2026 changes
  - Commission Collection Method
  - Single Collection Cycle for Commission and Commission Advice
  - Arrear Commission on Reduced balance
  - Account Receivable liquidation during transaction processing
  - Reimbursement Undertaking
  - Trade Loans
  - SWIFT related changes
  - Vessel Tracking
  - Transport Mode changes

  - Corporate Cancellation
  - Debit and Credit advice changes

2.2 Release Enhancements

- Documentary Collection
- Guarantees/Standby LCs
- Trade - Common Feature

2.2.1 Documentary Collection

1. **Bills Commission**
   Provision to collect Acceptance and Co-Acceptance commission for Bills
   - Commission class enhanced to support BC and IB modules.
   - BC and IB product maintenances enhanced to capture Commission related parameters namely commission components and rules.
   - Commission subsystem introduced in BC online screen to process commission.
2. **Interest Rate Interpolation**
   Provision to calculate Floating interest rate based on Interpolation Method - Actual Days.
   - New option Interpolation Method introduced in Trade Finance Bank Preference Maintenance (STDTFBNK) with values Slab Based and Actual Days.
   - Slab Based indicates existing interest rate derivation. Actual Days introduced to derive effective interest rate based on Actual Days.
3. **Automation of Charges and Net Amount in MT752**
   Provision to default Charges and Net Amount in 71DCHARGES and 33TOTAMTCLMD
   - Charges deducted from negotiating bank to be defaulted to FFT-71DCHARGES and the same to be populated in MT752.71D.
   - Net amount payable to negotiating bank namely total amount advised minus charges deducted to be defaulted to FFT-33TOTAMTCLMD and the same to be populated in MT752.33A/B.
4. **Display of Accrual entries**
   Provision to display ACCR entries based on parameter.
   - ACCR Events Display Count introduced in Trade Finance Bank Preference Maintenance with provision to capture maximum of 100.
   - ACCR events will not be displayed when count is maintained as 0. ACCR events will be displayed until the ACCR Entries Display Count. Once ACCR events count is more than the maintained count, ACCR events will not be displayed.
5. **Non-Conforming Reimbursement Claim**
   Provision to capture Non-Conforming Reimbursement Claim details for Export Bills under LC.
   - Reason for Non-Payment Code, Reason for Non-Payment Narrative, Disposal of Reimbursement Claim and Disposal of Reimbursement of Reimbursement Claim Narrative fields introduced in BC online screen.
   - Details can be captured during amendment of Bill provided MT742 was already sent and Reimbursing Bank is a party of the bill.

2.2.2 Guarantees/Standby LCs

1. **Counter Guarantee amount and expiry date validations**
   System enhanced to capture Counter Guarantee amount, Counter Guarantee currency and Counter Guarantee expiry date.
   - The expiry date of the Local Guarantee/Counter guarantee should be earlier than the expiry date of the Counter Guarantee/Counter-Counter Guarantee respectively.
   - The Undertaking Currency and Amount of the Local Guarantee and Counter Guarantee should be the same.
2. **Disabling SWIFT Character validation**
   Provision to support only MAIL advices for domestic Guarantees and SBLCs. Non-SWIFT Guarantee/SBLC flag is introduced in product maintenance to support the same.
3. **Non-Extension Notification**
   The system has been enhanced to generate Non-Extension Notification messages from Guarantee Amendments.
   - Guarantee Amendment screens enhanced with a new field Automatic Extension – Non-Renewal.
   - MT785 messages for B2B, and MT727/MT785 messages for B2C, will be generated as part of the AMND event.
   - MT785 generation as a tracer from LCDTRGEN under the TRGN event will be de-supported.

2.2.3 Trade - Common Feature

1. **Structured and Hybrid Address changes**
   System enhanced to provide Structured and Hybrid address required to generate MX payment messages namely MT202/MT202COV/MT103
   - Maintenance screens namely Trade Finance Settlement Instructions Maintenance (ISDTFINS) , Trade Finance Customer Address Maintenance (MSDTFCAD) and Third Party Maintenance (TDFTPMNT) enhanced to capture Structured / Hybrid Address.
   - LC, BC and Guarantee online screens enhance to capture Structured / Hybrid address. Settlement subsystem and Assignee details in LC and Bills contract online screens.
   - Trade Finance External Payment System Queue and Trade Finance External Payment System Queue History screens enhanced to display the details.
2. **SWIFT 2026 changes**
   The system has been enhanced to support SWIFT 2026 changes across LC, Guarantees, and BC modules.
   - LC screens have been enhanced to capture party details, INCOTERMS, and HS codes.
   - Guarantee and SBLC screens have been enhanced to capture party details, HS codes, governing law and charges claimed.
   - BC screens have been enhanced to capture party details and HS codes.
   - LC, BC and Guarantee messages will be generated in accordance with SWIFT 2026 standards.

- Islamic LC, Islamic Guarantees and SBLCs, and Islamic Bills have been enhanced to support these changes. Simulation and handoff APIs enhanced accordingly.

3. **Commission Collection Method changes**
   System enhanced to modify Commission Collection Method during contract processing.
   - New option Commission Collection Method introduced in LC and Guarantee online screens.
   - New accounting role COMN_CUST_REV introduced and <COMN>INCREV to be generated during commission class creation.
   - Accounting entries to be maintained to support change of Commission Collection Method.
4. **Single Collection Cycle for Commission and Commission Advice**
   System enhanced with Single Collection Cycle to debit commission on a single day when multiple commission components exist as part of Issuance and Amendments with periodic frequency.
   - Single Collection Cycle for Commission flag introduced in Trade Finance Bank Preference Maintenance, LC contract and Guarantee contract online screens.
   - During amendment with increase in contract amount, system to collect periodic commission for broken period.
   - Single CLIQ to trigger for multiple commission components of issuance and amendments commission.
   - Commission Advice introduced to provide commission details and attached to CLIQ event.
5. **Arrear Commission on Reduced balance**
   System enhanced to collect arrear commission on outstanding amount when contract amount is reduced due to availment, claim settlement, amendment, cancel and closure of LCs and Guarantees.
6. **Account Receivable liquidation during transaction processing**
   Provision to liquidate outstanding Account Receivables
   - During cancel and closure of LCs and Guarantees and claim settlement of Guarantees
   - During closure and liquidation of Bills and Collections
   - New subsystem AR-AP Details introduced to capture details of liquidation.
   - New accounting roles AR_CUST_GL and ARAPREC_GL are introduced and new amount tag RECEIVABLE_LIQD is introduced to process receivable liquidation.
7. **Reimbursement Undertaking**
   OBTF has been enhanced to capture reimbursement-undertaking details received from the issuing bank during LC/LI initiation, simulation, and amendment processing
   - Users can manually enter the undertaking amount and expiry date during initiation or internal amendment when these details were not captured initially.
   - New fields capture reimbursement-undertaking details and indicate whether claiming-bank confirmation is required for amendments affecting an existing undertaking.
   - The following new events have been introduced:
     - RMNV – Reimbursement Undertaking Amendment Initiation
     - RCON – Reimbursement Undertaking Amendment Confirmation
     - RREJ – Reimbursement Undertaking Amendment Rejection

- Reimbursement claim registration has been enhanced to process claims received through STP MT742 messages or entered manually by the reimbursing bank through the Bills Contract Input screen.
- Additional fields support reimbursement claim notifications and capture MT742 tag values through STP processing or manual input.

8. **SWIFT related changes**
   System enhanced with below SWIFT related changes
   - STP processing of MT412 -Advice of Acceptance and MT768 –Acknowledgement of Guarantee/Standby LC introduced.
   - STP processing of MT747 enhanced to create financial amendment in LC Amendment.
   - New job TF_TFPM_SWIFT_UPLOAD introduced to process MT410, MT412, MT730 and MT768 messages when process status is T. Process status updated as T by OBTFPM for Direct STP by OBTF.
   - Trade Finance Incoming Browser (MSSTFIBR) enhanced with process status T (Direct STP to OBTF) and K (User Handling Required). Trade Finance Outgoing Browser (MSSTFOBR) enhanced to display NAK Error code.
   - Support draft confirmation messages namely MT798-771 for LCs and MT798-762 for Guarantees.
9. **Vessel Tracking**
   The system has been enhanced to support vessel tracking.
   - LC and BC screens have been enhanced to capture vessel-tracking details.
   - Additional vessel-tracking and voyage details received from OBTFPM will be persisted in OBTF and included in the response.
10. **Corporate Cancellation**
    The system has been enhanced to generate Notification of Cancellation/Refusal messages, MT741, for B2C transactions.
    - A new event, BRRC – Bank Reject Response for Cancellation has been introduced.
    - A new API receives cancellation details and generates MT741 as part of the BRRC event.
    - Applicable charges and taxes may be collected.
11. **Transport Mode changes**
    Provision to capture Transport Mode
    - Transport Mode introduced in Document Code maintenance and the same to be provided when document type is Transport.
    - Transport Mode introduced in LC issuance and amendment screens and the same to be provided when document type is Transport.
12. **Debit and Credit Advice changes**
    System enhanced with below changes in Debit and Credit Advices
    - Amount in words introduced in Debit and Credit Advices to display total amount.
    - Number of amendments introduced in Debit and Credit advices generated during LC and Guarantee amendments

3 Deprecated Functionality

There is no deprecated feature in this release.

4 Components of the Software

- Documents Accompanying the Software
- Software Components

4.1 Documents Accompanying the Software

Documents Accompanying the Software

The various documents accompanying the software are as follows:

- Product Release Note and Installer Kit
- User and Installation manuals - https://docs.oracle.com/en/industries/financial-services/banking-trade-finance-service/14.9.0.0.0/index.html
- Online Help Files

4.2 Software Components

Software Components of Oracle Banking Trade Finance 14.9.0.0.0 that form part of this release are as follows:

- Host
  - UI Components (JS,XML)
  - Stored Procedures (Packages, Functions, Procedures, Triggers, Views)
  - Tables, Types, Sequences, INC
- Java application layer
  - Java sources
  - Configuration files used for deployment
- Integration Gateway
- REST Services
  - Java application layer
    - Java sources
    - Configuration files used for deployment
- Conversion Utilities
- Installation utilities
- ADF files used by Generic Interface (GI) – incoming and outgoing
- Tools
  - ODT

5
Tech Stack

- Tech Stack - Oracle

5.1 Tech Stack - Oracle

Component	Deployment Option	Machine	Operating System	Software	Version Number
Oracle Banking Trade Finance	UI-Host	Application Server	Oracle Enterprise Linux Server 8.7 (x86 64 Bit)	Oracle WebLogic	14.1.2.0.0
				Java HotSpot (TM) JDK (with WebLogic Application Server)	17.0.18
				Open Symphony Quartz	2.3.2
		Database Server	Oracle Enterprise Linux Server 8.7 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	19.29.0.0.0
		Client Systems	Windows 10	Mozilla Firefox	132+
				Google Chrome	131+
				Mozilla Firefox for MAC	132+
				Apple Safari	17+
				Microsoft Edge	131+
Oracle Banking Trade Finance Integration Gateway	Web services (incoming)	Integration Server	Oracle Enterprise Linux Server 8.7 (x86 64 Bit)	Oracle WebLogic Server	14.1.2.0.0
	HTTP Servlet (incoming)				
	MDB (incoming)				
	Notifications (outgoing)				
Oracle Banking Trade Finance REST	Web services	Integration Server	Oracle Enterprise Linux Server 8.7 (x86 64 Bit)	JDK	17.0.18
				Oracle WebLogic Server	14.1.2.0.0

> **Note**
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> - # Browser support is no longer based on Operating Systems but strictly tied to the browser themselves, no matter on which Operating Systems they are installed. Current release is certified on client workstations with Windows 10.
> - Client Machines#: For detailed information on Browser Support, please refer to the Oracle Software Web Browser Support Policy at https://www.oracle.com/middleware/technologies/browser-policy.html.
> - Oracle Applications are developed and tested on Oracle Linux, which is optimized for performance, stability and security.
> - Installation Requirement: To ensure a seamless deployment, implementation team are required to use the provided installer for the installation process. Manual deployment of software components is not recommended. Please follow the installation guide for detailed steps.

6 Third Party Software Details

For information on the Third Party software details, refer Oracle Banking Trade Finance 14.9.0.0.0 License Guide.