Oracle® Banking Trade Finance

Enhancement Document - Patch Release Note

Release 14.7.4.0.0

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Oracle Banking Trade Finance Enhancement Document - Patch Release Note, Release 14.7.4.0.0

Contents

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Overview

1.1 Issue Details

Support regulatory requirements and other committed items changes are made in OBTF 14.7.4.0.0 release.

1.2 Requirement Summary

The requirements specific to Trade incremental changes and other committed items on integration with product processors are to be addressed as part of 14.7.4.0.0 version.

2

Common Entity – Increase Field Length

2.1 Feature 1 – Common Entity – Increase Field Length

System enhanced to increase the field length of Branch Code, User ID, Customer Number, Customer Name, Account Number, Account Description, GL Code and Entity Code.

2.1.1 Functional Flow Diagram

Not Applicable

2.1.2 Detailed Flow

Table 2-1   Detailed Flow

Entity	Existing length	Proposed length
Branch Code	VARCHAR2(3)	VARCHAR2(6)
User ID	VARCHAR2(12)	VARCHAR2(320)
Customer Number	VARCHAR2(9)	VARCHAR2(20)
Customer Name	VARCHAR2(35)	VARCHAR2(140)
Account Number	VARCHAR2(20)	VARCHAR2(34)
Account Description	VARCHAR2(105)	VARCHAR2(140)
GL Code		VARCHAR2(20)
Entity Code		VARCHAR2(20)

- Maintenance screens enhanced to support the same
- Online screens and related processing enhanced to support the same :
    - Contract reference number generation
    - Process reference number generation
    - Transaction processing
    - EOD processing
- APIs enhanced to support the same
    - Simulation and handoff APIs
    - OBDX APIs enhanced to provide branch code
- Branch code – Increase field length from VARCHAR2(3) to VARCHAR2(6)

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Table 2-2   Branch code – Increase field length from VARCHAR2(3) to VARCHAR2(6)

Existing Design	Proposed Design
Branch code column definition : VARCHAR2(3)	Branch code column definition :VARCHAR2(6)
Branch code length - Static 3 digits only for instance PK1, 001	Branch code length will be Static. Length can be 3/4/5/6 only. Branch code length will be parameterized in CSTB_PARAM. BRANCH_CODE_LENGTH - Common core parameter.
Contract Reference number : VARCHAR2(16) Branch Code – PK1 (First 3 digits) Product Code – ILUN (Next 4 digits) Julian date – 24019 (YYDDD) Sequence number – 0017 (NNNN)	Contract Reference number : VARCHAR2(16). Contract Reference number will be derived based on Common Core parameter - CSTB_PARAM.REF_NUM_GEN_FORMAT If REF_NUM_GEN_FORMAT is O – Contract Reference Number will be generated as per existing functionality. If REF_NUM_GEN_FORMAT is N – Contract Reference Number will be generated in new format namely Product / Process Code + Julian Date + Sequence Number
Sequence generation based on branch and product code : trsq_pk1ilun	Sequence generation will be as below : TRSQ<Product/Process Code><Julian Date> TRSQILUN<RRDDD> TRSQZRLQ<RRDDD> Sequence will be dropped during EOD as per existing functionality

- All maintenance screens with branch code enhanced to support 6 digit branch code.

- All online screens with branch code enhanced to support 6 digit branch code.
  UI display will continue to be the same.

  – Processing impact :

    * Currently branch code and product code is derived from Contract reference number withsubstr (contract_ref_no,1,3) and substr(contract_ref_no,4,4). Dependency of contract referencenumber for branch code and product code derivation is removed. New functions created toderive the same from cstb_tf_contract.

- APIs enhanced to support branch code up to 6 digit

  – <obt:BRANCH>OBTF02</obt:BRANCH>

- OBDX APIs enhanced to provide Branch code in response

SINo	Service Name	Operation Code	Branch Tag
1	OBTFLCService	QueryGuaranteeClmDtl	<BRANCH>
2	OBTFLCService	QueryAmendDtls	<BRANCH>
3	OBTFLCService	QueryContractListDtl	<BRANCH>
4	OBTFLCService	QueryTransLCAmend	<BRANCH>
5	OBTFLIService	QueryLiContractLstDt	<BRANCH>
6	OBTFIFService	QueryIFDTFCustDisp	<BRANCH>

- User Id – Increase field length from VARCHAR2(12) to VARCHAR2(320)

Existing design	Proposed design	Recommended display

User Id code column definition : VARCHAR2(12)	User Id code column definition : VARCHAR2(320)	40 characters

- Provision to create user id with length of 320 characters to support email id
- Maker and Checker id in audit trail to display user id appropriately
- Handoff and simulation APIs support the same
- UI Prototype
- UI Elements
- UI Error Messages

2.1.2.1 UI Prototype

Not Applicable

2.1.2.2 UI Elements

Table 2-3   UI Elements

Display Name	Description	Attribute Type	Object Type	Required /Man datory	Data Type/ Size	Field Validatio n	Default Value	Amenda ble
NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA

2.1.2.3 UI Error Messages

Table 2-4   UI Error Messages

Error Code	Error Condition	Message Text	User Action
NA	NA	NA	NA

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MT798 – SWIFT related changes

- Feature 1 – MT798 – SWIFT related changes

3.1 Feature 1 – MT798 – SWIFT related changes

Trade Finance Bank Preference Maintenance enhanced with preference to suppress population of tagsrelated to interbank details.

- Functional Flow Diagram
- Detailed Flow

3.1.1 Functional Flow Diagram

Not Applicable

3.1.2 Detailed Flow

Existing functionality:

- Currently system generates detail and extension message of MT798 with same set of tags present inrespective B2B messages.

System enhanced with below changes:

- Trade Finance Bank Preference maintenance (STDTFBNK) enhanced with preferences to suppress belowtags in MT798-B2C detail and extension messages :

Tag Name	Tag Description	MT798-B2C Detail/Extension
72Z	Sender to Receiver Information	Detail
49H/49N	Special Payment Conditions for Bank Only	Detail/Extension
78	Instructions to the Paying/ Accepting/Negotiating Bank	Detail
23Z	File Identification	Detail

- Suppress flags will be disabled by default and tags will continue to be generated.
- Suppress flag can be enabled by which tags will not be generated in detail/extension messages.
- List of Impacted messagesMessage

Message Type	Sub-Message Type	Tag Value	Tag Option	Tag description
725	759	23X	O	File Identification
762	760	23X	O	File Identification
745	760	23X	O	File Identification

Message Type	Sub-Message Type	Tag Value	Tag Option	Tag description
777	765	23X	O	File Identification
779	765	23X	O	File Identification
764	767	23X	O	File Identification
743	767	23X	O	File Identification
766	769	23X	O	File Identification
727	785	23X	O	File Identification
729	786	23X	O	File Identification
739	787	23X	O	File Identification
782	720	78	O	Instructions for Paying/Accepting/Negotiating Bank
771	700	78	O	Instructions for Paying/Accepting/Negotiating Bank
774	700	78	O	Instructions for Paying/Accepting/Negotiating Bank
773	707	78	O	Instructions for Paying/Accepting/Negotiating Bank
776	707	78	O	Instructions for Paying/Accepting/Negotiating Bank
780	710	78	O	Instructions for Paying/Accepting/Negotiating Bank
771	700	72Z	O	Sender to Receiver Information
774	700	72Z	O	Sender to Receiver Information
773	707	72Z	O	Sender to Receiver Information
776	707	72Z	O	Sender to Receiver Information
780	710	72Z	O	Sender to Receiver Information
782	720	72Z	O	Sender to Receiver Information
731	732	72Z	O	Sender to Receiver Information
733	734	72Z	O	Sender to Receiver Information
748	750	72Z	O	Sender to Receiver Information
762	760	72Z	O	Sender to Receiver Information
745	760	72Z	O	Sender to Receiver Information
777	765	72Z	O	Sender to Receiver Information

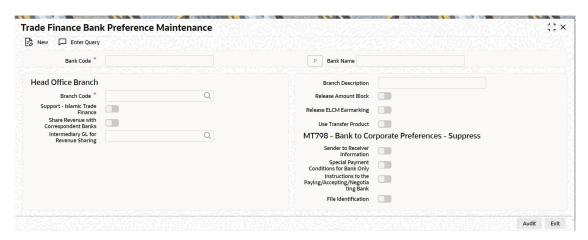| Message Type	Sub-Message Type	Tag Value	Tag Option	Tag description
779	765	72Z	O	Sender to Receiver Information
764	767	72Z	O	Sender to Receiver Information
743	767	72Z	O	Sender to Receiver Information
766	769	72Z	O	Sender to Receiver Information
727	785	72Z	O	Sender to Receiver Information
729	786	72Z	O	Sender to Receiver Information
739	787	72Z	O	Sender to Receiver Information
771	700	49H	O	Special Payment Conditions for Receiving Bank
774	700	49H	O	Special Payment Conditions for Receiving Bank
771	701	49H	O	Special Payment Conditions for Receiving Bank
774	701	49H	O	Special Payment Conditions for Receiving Bank
776	707	49N	O	Special Payment Conditions for Receiving Bank
773	707	49N	O	Special Payment Conditions for Receiving Bank
773	708	49N	O	Special Payment Conditions for Receiving Bank
776	708	49N	O	Special Payment Conditions for Receiving Bank
780	710	49H	O	Special Payment Conditions for Receiving Bank
780	711	49H	O	Special Payment Conditions for Receiving Bank
782	720	49H	O	Special Payment Conditions for Receiving Bank
782	721	49H	O	Special Payment Conditions for Receiving Bank

- UI Prototype

- UI Elements
- UI Error Messages

3.1.2.1 UI Prototype

Trade Finance Bank Preference Maintenance (STDTFBNK)

3.1.2.2 UI Elements

Table 3-1   UI Elements

Display Name	Description	Attribute Type	Object Type	Required /Man datory	Data Type/ Size	Field Validatio n	Default Value	Amenda ble
Sender to Receiver Informatio n	Indicates whether tag to be suppress in MT798 B2C message s	Checkbox	Checkbox	Optional	Char (1)	NA	N	Yes
Special Payment Condition s for Bank Only	Indicates whether tag to be suppress in MT798 B2C message s	Checkbox	Checkbox	Optional	Char (1)	NA	N	Yes
Instructio ns to the Paying/ Accepting / Negotiatin g Bank	Indicates whether tag to be suppress in MT798 B2C message s	Checkbox	Checkbox	Optional	Char (1)	NA	N	Yes

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Table 3-1   (Cont.) UI Elements

Display Name	Description	Attribute Type	Object Type	Required /Mandatory	Data Type/ Size	Field Validation	Default Value	Amendable
File Identification	Indicates whether tag to be suppress in MT798 B2C messages	Checkbox	Checkbox	Optional	Char (1)	NA	N	Yes

3.1.2.3 UI Error Messages

Table 3-2   UI Error Messages

Error Code	Error Condition	Type	Message Text	User Action
NA	NA	NA	NA	NA