

Oracle® Banking Treasury Management Messaging User Guide



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Preface

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- [Purpose](#)
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Purpose

This manual is designed to help you to quickly get acquainted with the Messaging module of Oracle Banking Treasury Management.

Audience

This guide is intended for Back Office Data Entry Clerk, Back Office Managers/ Officers, Product Managers, End of Day Operators, and Financial Controller users.

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.

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 make sure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

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.

Related Resources

For more information, see these Oracle Banking Treasury Management resources:

- The Procedures User Manual
- The Products User Manual

Conventions

The following text conventions are used in this document:

Table 1 Conventions and Meaning

| Convention | Meaning |
|-----------------|--|
| boldface | Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary. |
| <i>italic</i> | 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. |

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.

Acronyms and Abbreviations

The acronyms and abbreviations are listed in this below table:

Table 2 Acronyms and Abbreviations

| Abbreviations or Acronyms | Definition |
|---------------------------|-----------------------------|
| AEOD | Automated End of Day |
| AIF | Alternative Investment Fund |

Table 2 (Cont.) Acronyms and Abbreviations

| Abbreviations or Acronyms | Definition |
|---------------------------|------------------------------------|
| CLS | Continuous Linked Settlement |
| CIF | Customer Information Files |
| DV | Derivatives |
| Dr | Debit |
| EOFI | End of Financial Input |
| EOD | End of Day |
| FX | Foreign Exchange |
| GL | General Ledger |
| IRS | Internal Revenue Service |
| ICCB | Interest Commission Charge and Fee |
| LCY | Local Currency |
| LIBOR | London Interbank Offered Rate |
| MM | Money Market |
| OBTR | Oracle Banking Treasury Management |
| OT | Over the Counter Options |
| RFR | Risk Free Rates |

Basic Actions

Table 3 List of Basic Actions

| Action | Description |
|---------------------|--|
| Approve | Click Approve to approve the initiated report. This button is displayed, once the user click Authorize . |
| Audit | Click Audit to view the maker details, checker details of the particular record, and record status. This button is displayed only for the records that are already created. |
| Authorize | Click Authorize to authorize the record created. A maker of the screen is not allowed to authorize the report. Only a checker can authorize a record. This button is displayed only for the already created records. |
| Close | Click Close to close a record. This action is available only when a record is created. |
| Confirm | Click Confirm to confirm the performed action. |
| Cancel | Click Cancel to cancel the performed action. |
| Compare | Click Compare to view the comparison through the field values of old record and the current record. This button is displayed in the widget, once the user click Authorize . |
| Collapse All | Click Collapse All to hide the details in the sections. This button is displayed, once the user click Compare . |
| Expand All | Click Expand All to expand and view all the details in the sections. This button is displayed, once the user click Compare . |

Table 3 (Cont.) List of Basic Actions

| Action | Description |
|-----------------------------|---|
| New | Click New to add a new record. The system displays a new record to specify the required data. Note: The fields which are marked in asterisk red are mandatory fields. |
| OK | Click OK to confirm the details in the screen. |
| Save | Click Save to save the details entered or selected in the screen. |
| View | Click View to view the report details in a particular modification stage. This button is displayed in the widget, once the user click Authorize . |
| View Difference only | Click View Difference only to view a comparison through the field element values of old record and the current record, which has undergone changes. This button is displayed, once the user click Compare . |

Symbols and Icons

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

Table 4 Symbols and Icons - Common












| Symbol/Icon | Function |
|---|---------------------------------|
|  | Minimize |
|  | Maximize |
|  | Close |
|  | Perform Search |
|  | Open a list |
|  | Navigate to the first record |
|  | Navigate to the last record |
|  | Navigate to the previous record |
|  | Navigate to the next record |
|  | Grid view |
|  | List view |

Table 4 (Cont.) Symbols and Icons - Common




















| Symbol/Icon | Function |
|---|--|
|  | 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 |
|  | New |
|  | Enter query |
|  | Execute query |
|  | Copy |
|  | Delete |
|  | Save |
|  | Search |
|  | Advanced search |
|  | Clear all |
|  | Reset |
|  | Export |
|  | Print |

Table 4 (Cont.) Symbols and Icons - Common











| Symbol/Icon | Function |
|---|--------------|
|  | View Details |
|  | Sorting |

Table 5 Symbols and Icons - Widget

| Symbol/Icon | Function |
|---|---------------------|
|  | Open status |
|  | Unauthorized status |
|  | Rejected status |
|  | Closed status |
|  | Authorized status |
|  | Modification Number |
|  | Hold |
|  | Reverse |

1

An Overview of the Message System

Introduction

The Messaging System module of Oracle Banking Treasury Management is designed to handle outgoing and incoming messages. The module supports various types of media. Besides standard media modes like **Mail**, **Telex** and **SWIFT**, other media types also can be used which are supported by the Media Control System (MCS) installed at the node at which the database of the branch is installed. Oracle Banking Treasury Management gives native support for media like Mail, Telex, and SWIFT using EMS as the MCS.

While defining a product, specify the messages to be generated for the events occurs during the lifecycle of contracts. During such events, the message will be automatically generated and sent to the customer's address through the specified media and in the format and language that is maintained for the customer-message combination.

While entering the details of a contract, choose to generate or suppress the message. There is an option to prioritize the urgency with which a SWIFT message should be generated.

Features Provided for Processing Outgoing Messages

In the case of outgoing messages, the module provides for the generation of messages using formats that can be defined. Maintaining message formats ensure consistency across the branches of the bank. The module provides a host of features to enter or authorize test words and to interface with media control systems to generate the message.

Several customers addresses for a given media: With multi-branch setup, the customers of the bank can operate their accounts from several locations. Based on the convenience of the customers, send messages to locations of their choice. Oracle Banking Treasury Management provides for the setting up of several addresses for a given customer-media combination. In addition, associate a language with an address. All messages sent to the address will be expressed in the language that is defined.

Free format messages: In the course of daily banking operations, it might required to generate messages that are not automatically generated by the system or to communicate a message that is very specific to a customer. It is possible to personalize a message by defining a free format message and linking it to a customer-address combination. Whenever the message is to be generated it will bear the personalized format that is defined.

MCS maintenance: The messages that are sent from and delivered to the bank are transmitted and received from external sources to Oracle Banking Treasury Management. These external sources are called Media Control Systems (MCS). In a distributed environment, the database of a branch is located in a node or server. The MCS of the messages is also installed in a node. Thus, while defining an MCS, specify the node in which it is installed.

Features Provided for Processing of Incoming Messages

In case of incoming messages, set up various message queues and direct incoming messages to them and also grant selective access to the queues to personnel at the bank who are authorized to handle incoming messages.

Archival and Retrieval of Information

Archival is the process of storing old messages for future retrieval. While defining messaging preferences for the branch, specify the number of days for which an outgoing message should be kept in the Outgoing Message Browser. Messages will be automatically archived after the number of days specified for the branch. Retrieve the messages that have been archived at any time and process them just as any other messages.

Set- up Messaging Preferences

Specify messaging preferences that will govern the workflow aspects of the messaging system module at the branch. Specify the following preferences:

- The number of days for which outgoing messages should be kept in the Browser for every branch
- Whether a testword is required for **Telex** messages
- The activities on a message that requires authorization
- The PDE (Possible Duplication Emission) Archival period
- The text for duplication check
- The Hold Mail text to be displayed
- The Swift Key arrangement values
- Whether Authorization is required for the actions like Cancel, Hold, Change Node, Test Word. etc. on a generated message.

Message Notification Process

The messages that are sent from and delivered to your bank are transmitted and received from sources that are external to Oracle Banking Treasury Management and these external sources are called Media Control Systems (MCS).

In a distributed environment, the database of a branch is located in a node or server. The MCS of the messages are also installed in a node. Thus, while defining an MCS you need to also indicate the node in which it is installed.

Outgoing EMS Process

The Outgoing EMS Process is in two layers. The EMS process as part of jobs in FCJ scheduler, polls the outgoing message table for generated and un-send messages. The job then sends minimal data about the message to be handed off, to an internal JMS queue. The EMS process as part of an MDB that listens on internal JMS queue builds final message and sends to their intended destinations.

The 'EMS out' job is available as factory shipped.

The Outgoing EMS Process as part of jobs scheduler is as follows:

- Once the job is triggered, it polls outgoing messages table for generated and unsent messages.
- Each message is then sent to an internal JMS queue.
- The job is then rescheduled to fire next time.

The Outgoing EMS Process in MDB is as follows:

- An MDB listens on the internal EMS outgoing queue and it builds the final message sent to intended destinations.

- In case of any exception while processing, message is sent to a deferred queue.
- The following diagram illustrates outgoing EMS process in scheduler.

Figure 1-1 Outgoing EMS process in scheduler

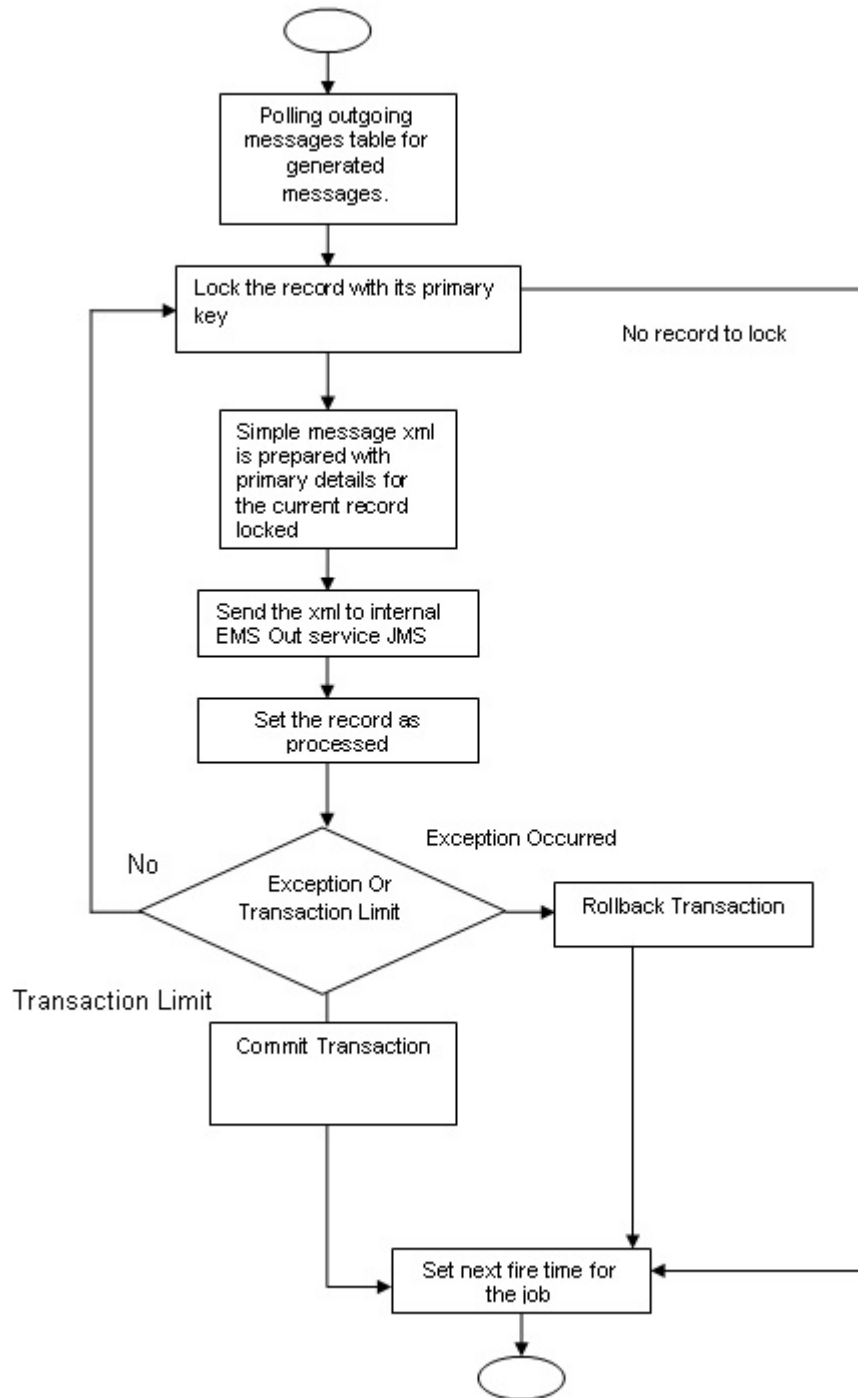
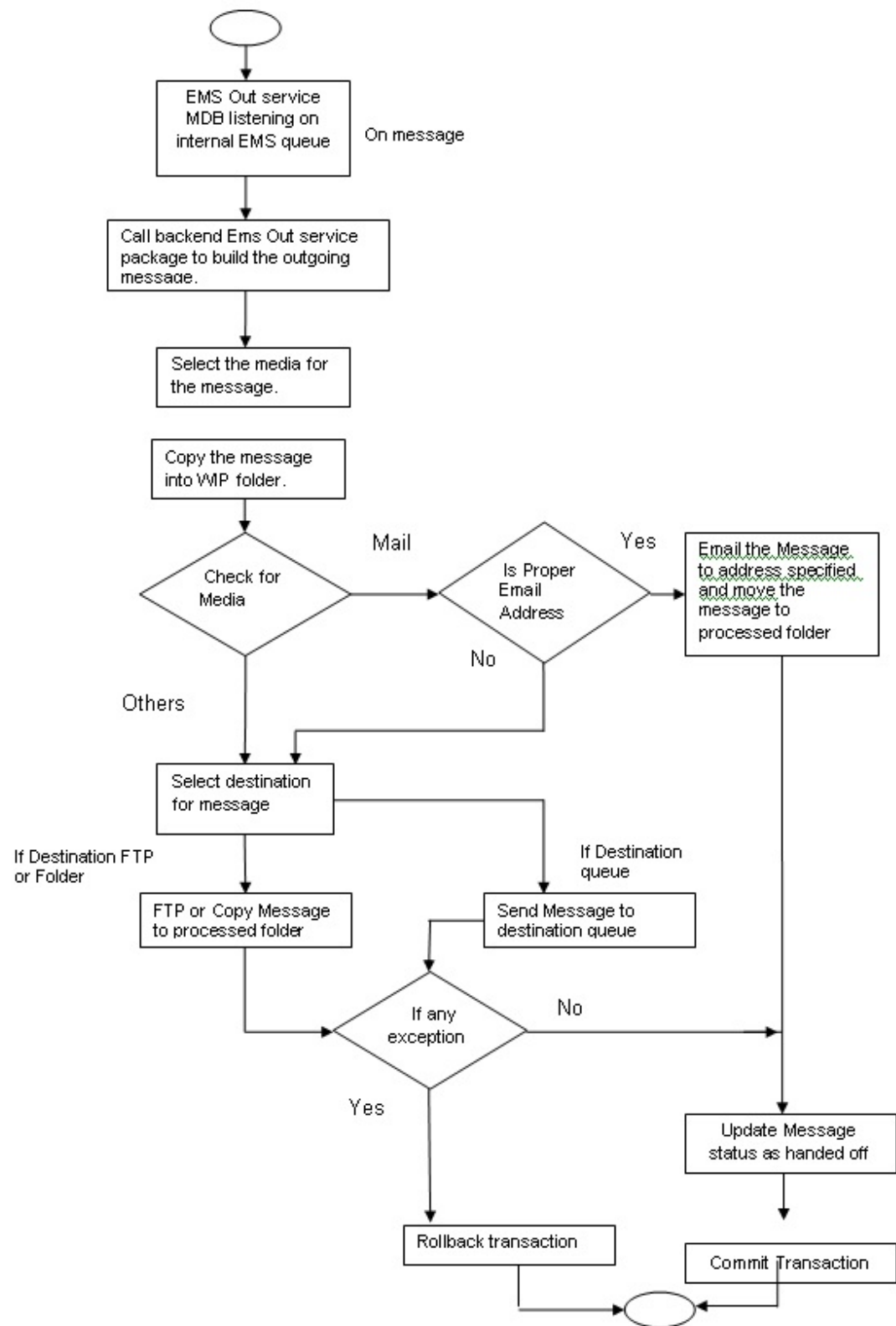


Figure 1-2 Outgoing EMS process in MDB



Incoming EMS Process

The Incoming EMS Process is in two layers. The EMS process as part of jobs in FCJ scheduler, polls the pre configured folder for messages and sends the messages read, to EMS internal queue. The EMS process as part of an MDB listening on internal JMS queue, identifies the message from queue and calls the incoming messages service package to process the message. The 'EMS in' job is available as factory shipped.

The Incoming EMS Process as part of jobs scheduler is as follows:

- Once the job is triggered, it polls for messages in a folder (Configured for incoming messages).
- Each message is then sent to an internal JMS queue.
- The job is then rescheduled to fire next time.

The Incoming EMS Process in MDB is as follows: □

- An MDB that listens on the internal EMS incoming queue receives the message.
- The media details are identified and incoming message processing package is called to process the message.
- In case of any exception while processing, message is sent to a deferred queue.
- In case of messages directly arriving to JMS queue instead of a folder; the same MDB is configured to listen on specific queue.

Figure 1-3 Incoming EMS process in Job Scheduler

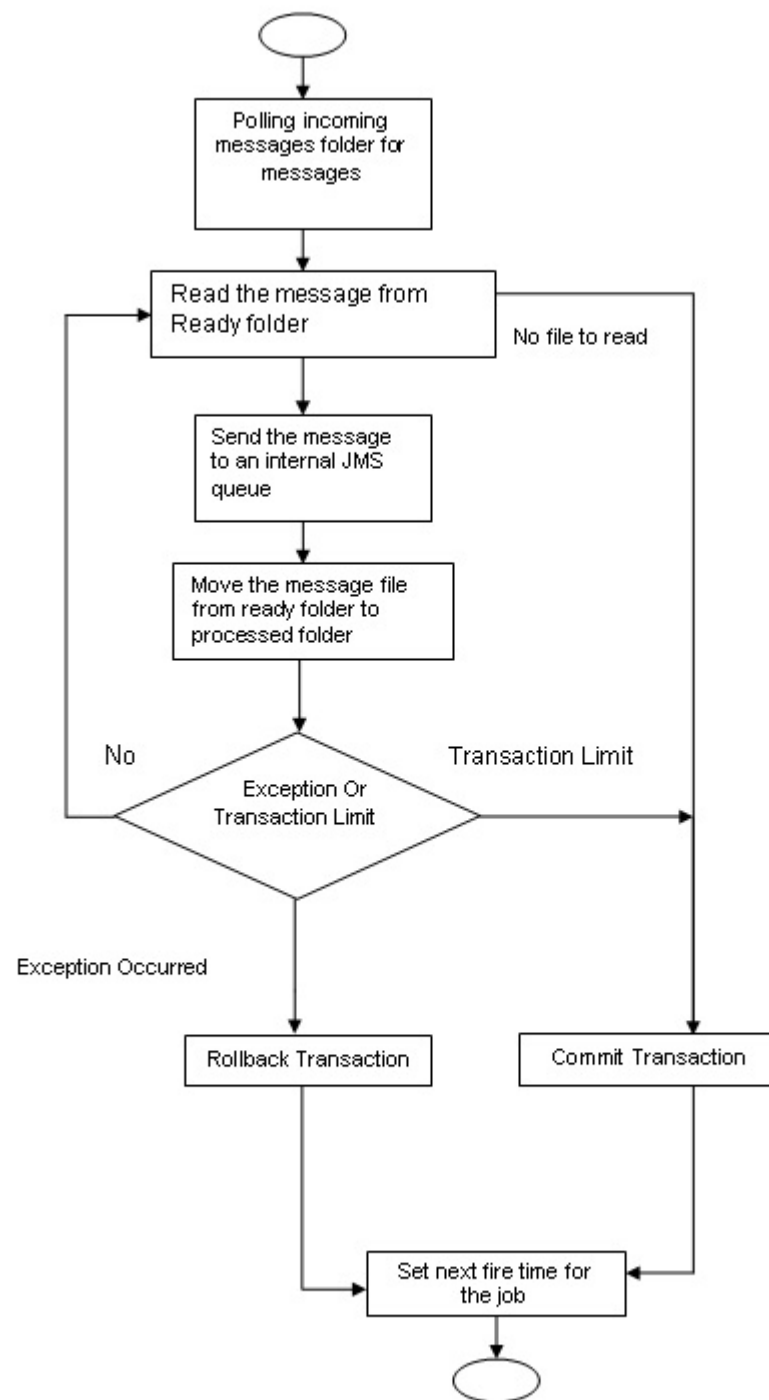
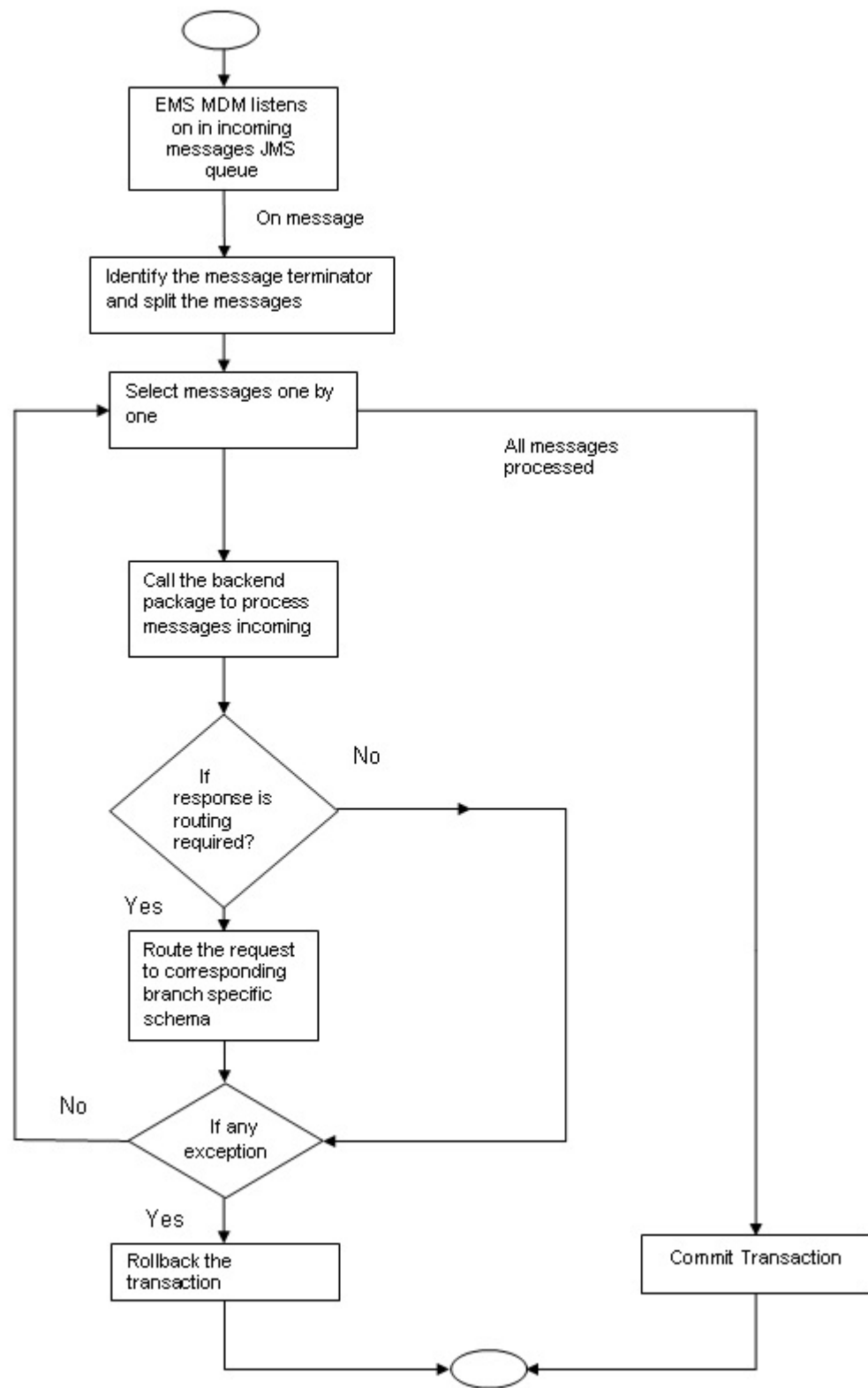


Figure 1-4 Incoming EMS process in MDB



2

Messaging Branch Preferences Maintenance

This topic provides an overview of maintaining messaging branch preferences.

The messaging preferences governs the workflow aspects of the Messaging System module. Specify messaging preferences for the branch in the **Messaging Branch Parameters Maintenance** screen. On this screen, specify following points:

- The number of days for which outgoing messages should be kept in the browser
- Whether a test word is required for telex messages
- The activities on a message that requires authorization
- The PDE Functional Validation/archive period
- The Text for hold mail and duplicate check

Note

Specify preferences only for the branch from which the Oracle Banking Treasury Management logged onto.

- [Maintain Messaging Branch Parameters](#)
This topic provides systematic instructions to maintain messaging branch parameters.
- [Maintain Message Types](#)
This topic provides systematic instructions to maintain message types.
- [Maintain SWIFT Tag](#)
This topic provides systematic instructions to maintain tag descriptions for SWIFT messages.
- [Process PDE Messages](#)
This topic provides an overview of the PDE validations on SWIFT messages.

2.1 Maintain Messaging Branch Parameters

This topic provides systematic instructions to maintain messaging branch parameters.

Specify **User ID** and **Password** and login to **Homescreen**.

1. On **Homescreen** screen, type **MSDTRPREF** in the text box, and click next.
Treasury Messaging Branch Parameters Maintenance screen displays.

Figure 2-1 Treasury Messaging Branch Parameters Maintenance

2. To maintain preferences for a new branch, click the **New** button on the application toolbar.
3. On **Treasury Messaging Branch Parameters Maintenance** screen, specify the details.

Table 2-1 Treasury Messaging Branch Parameters Maintenance - Field Description

| Field | Description |
|-------------------------------|---|
| Branch | Specify the branch for which the preferences are to be maintained. |
| Message Archive Period | <p>Archival is the process of storing old messages for future retrieval. Specify the number of days for which an outgoing message should be kept in the Outgoing Message Browser. A message will be automatically archived after the number of days that are specified. The details of outgoing message that has been archived can be un-archive through the Message History Retrieval Summary screen. Then these un-archive messages can be processed as any other outgoing message.</p> <p>Note: It is recommended to enter a value of 1 in this field. In this case, only those messages that have been triggered for the generation today will be displayed in the Outgoing Message Browser.</p> |
| PDE Archive Period | <p>Specify the number of days for which messages should be kept in the queue for PDE (Possible Duplicate Emission) identification. The system does not consider messages for PDE identification post the PDE archive period maintained here.</p> <p>Note: The PDE archive period should be less than or equal to message archival days.</p> |
| Text for Duplicate | Every message is maintained in the Outgoing Browser as an un-generated copy of the original. When the copy is generated, it will contain along with the contents of the original message, any additional text that is maintained in the Text for Duplicate field. |
| Hold Mail Text | All the mail advices generated for a customer for whom Add Hold Mail Text is checked at the Customer Address Maintenance would have the hold mail text maintained in this field. This text will be displayed on top of the message. |

Table 2-1 (Cont.) Treasury Messaging Branch Parameters Maintenance - Field Description

| Field | Description |
|----------------------------------|---|
| Test Word check | Specify whether a testword needs to be entered before a telex message is generated from and received at the branch from the following options. <ul style="list-style-type: none"> • Yes • No |
| PDE Functional Validation | Check this box to indicate that system should identify an outgoing message as PDE (Possible Duplicate Emission) using the functional key or not. The PDE validation is done either using the hash value of the SWIFT message or using the tag/field value of the message. If this option is checked, Oracle FLEXCUBE Universal Banking identifies duplicate messages by performing PDE functional validations also. Hash value-based validation shall be done irrespective of this option being checked. |
| SK Arrangement | Select the action to be performed on the message based on the Swift Key arrangement with the receiver from the following options: <ul style="list-style-type: none"> • Validate: On selecting this option, the system validates if an SK arrangement exists between the bank and the receiver. If yes, then the original SWIFT message is generated otherwise, the message will go to repair • Generate: On selecting this option, the system validates if an SK arrangement exists between the bank and the receiver. If yes, then the original SWIFT message is generated otherwise, MT 999 (Free Format Messages) will be generated instead of the SWIFT message. • FFT No Validation: On selecting this option, the system does not Validate but send the original SWIFT message always. Processing SWIFT Messages if an SK arrangement is Validate in the static messaging table: <ul style="list-style-type: none"> • This system checks for the value in the branch's SK Arrangement field. • If the field value is No Validate, the system will generate messages the normal way. • If the SWIFT keys have been exchanged then the swift message will be generated. • If SWIFT keys have not been exchanged with the receiver and the value of SK Arrangement for the branch is Validate then the following messages will go to repair: MT420, MT754 and MT756. For all other messages, the original SWIFT message gets generated whether swift key exists or not. • If SWIFT keys have not been exchanged with the receiver and the value of SK Arrangement for the branch is Generate FFT then the message MT999 would be generated instead of original SWIFT message. |
| Duplicate Advice Tracking | Check this box to track the duplicate advices. When an advice is duplicated or regenerated, the word Reprint appears over the advice. Generation of MT999: <ul style="list-style-type: none"> • The message header is changed from the original header to MT999. • That portion of the message after tag 21 will be prefixed with tag 79 followed by the original SWIFT message. • The message will be populated with the same contents as the original SWIFT message with the respective SWIFT tags. |

Table 2-1 (Cont.) Treasury Messaging Branch Parameters Maintenance - Field Description

| Field | Description |
|----------------------|--|
| Authorization | <p>Several activities can be performed on a message that is to be generated from the branch. For example, From the outgoing or incoming browser, The address to which a message should be sent can be changed. In the Messaging Branch Parameters Maintenance screen, specify the activities which are to be performed on an incoming or outgoing message and would require a subsequent manual authorization for the message. A message on which activity to be performed would require subsequent manual authorization for the activity to take effect. A message on which an activity not selected on this screen is performed, would be automatically authorized with the activity taking effect. Activities:</p> <ul style="list-style-type: none"> • Cancel • Hold • Change NodeTest Word • Auth Repair Incoming • Carry Forward • Change Media • Regenerate • Change Address • Reinstate • Release • Branch Move • Test Word Check • Change Priority |

4. After entering the mandatory entries, save the record.
This record should be authorized before the End of Day process (EOD) is run.
5. Click the **Exit** button to end the transaction.

2.2 Maintain Message Types

This topic provides systematic instructions to maintain message types.

1. On **Homepage**, specify **MSDTRMTM** in the text box, and click **Next**.
Treasury Message Type Maintenance screen displays.

Figure 2-2 Treasury Message Type Maintenance

- On **Treasury Message Type Maintenance** screen, specify the details.

Table 2-2 Message Type Maintenance - Field Description

| Field | Description |
|--------------------------------------|---|
| Module | Specify the module from the adjoining option list. |
| Message Type | Specify the message type for which SWIFT codes can be maintained. |
| Description | Specify a brief description of the message type. |
| Priority | Specify the priority in which a message is to be sent. Change the priority, if required. To change the priority specified for a message, click the button marked Change Priority . Thereafter, select an option from the option list that is available for this field. <ul style="list-style-type: none"> • Normal • Medium • High |
| Maximum Message Count | Specify the maximum message count. |
| Purge Message | Select whether to purge message from the drop-down list. <ul style="list-style-type: none"> • Yes • No |
| Acknowledgment Nak Processing | Select option from the drop-down list. <ul style="list-style-type: none"> • Yes • No |
| SWIFT Message Type | This field indicates the SWIFT message type in the free format message. For example: The Message Type as CUST_TRANSFER in IS module, the user needs to indicate the message type as MT103. |
| Consolidated Message Type | Select consolidated message type from the adjoining option list. |

Table 2-2 (Cont.) Message Type Maintenance - Field Description

| Field | Description |
|--------------------------|--|
| Generate at input | Check this box to indicate that this message is to be generated at the time of input of the contract, and not after authorization. |
| Show In Product | Check this box to indicate that this message will be available in the product to be maintained against a particular event. |

- Click the **Exit** button to end the transaction.

2.3 Maintain SWIFT Tag

This topic provides systematic instructions to maintain tag descriptions for SWIFT messages.

- On **Home page**, specify **MSDTRSWT** in the text box, and click **Next**.
Treasury Swift Tag Maintenance screen displays.

Figure 2-3 Treasury Swift Tag Maintenance

- On **Treasury Swift Tag Maintenance** screen, specify the details.

Table 2-3 Treasury Swift Tag Maintenance - Field Description

| Field | Description |
|---------------------------------------|---|
| SWIFT Message/Sub Message Type | Specify the swift message/sub message type from the adjoining list. |
| Description | The system displays the message description. |
| Envelope Message Type | The system displays envelope message type based on the message/sub-message type selected. |
| Tag Name | The system displays the tag name. |
| Description | The system displays the description. |
| Tag Option | The system displays whether the tag is optional (O) or mandatory (M). |
| Lines | The system displays the number of lines required for the tag. |
| Sequence | The system displays the tag sequence number. |
| Repeatable | Check this box to indicate whether the tag is repeatable. |
| All Options | The system displays all options. |

Table 2-3 (Cont.) Treasury Swift Tag Maintenance - Field Description

| Field | Description |
|-----------------------|-----------------------------|
| Sequence Name | Specify the sequence number |
| LBL_TAGCHARSET | Specify the LBL_TAGCHARSET. |

Note

Swift message tag descriptions are factory shipped.

3. Click the **Exit** button to end the transaction.

2.4 Process PDE Messages

This topic provides an overview of the PDE validations on SWIFT messages.

The system detects the messages (Incoming/Outgoing) as PDE messages by performing the validations. The Incoming and Outgoing PDE messages are processed by the system in the following manners:

Incoming PDE Messages

In the case of incoming messages, EMS picks up the incoming messages and inserts them into a data store. If the incoming message has a PDE trailer (message contains the text **PDE**) then the system will mark the process status as **Stopped due to PDE**. After due validations, release the message from the incoming PDE message queue. Once these messages are accepted they will continue to get uploaded as a normal messages. If the PDE trailer is not present in the incoming message, then the message upload will continue as normal.

In the case of incoming messages with a PDE trailer, the **PDE Flag** check box in the **Incoming Message Browser** screen will be checked.

For more details on the PDE indication of an incoming message in the Incoming Message Browser, refer to topic *Processing income message section*.

Outgoing PDE Messages

In the case of outgoing messages, follow any of the following if the system detects a message as a duplicate based on the PDE validations:

- Auto release the message with the PDE trailer
- Release the message without the PDE trailer
- Reject the message

The system displays an override when it finds a message to be a duplicate one. In this case, the message is parked in the PDE queue and either does release the message without the PDE trailer or with the PDE trailer. If the message is released with the PDE trailer then the message is appended with PDE, else the message is released without PDE. The messages can be rejected. In this case, the message status will be changed to **E(Exception)** and this will not be picked up by EMS (Electronic Messaging System).

Due to message size restrictions, sometimes a single message is physically split into multiple parts and each one is stored in a distinct record in the outgoing message data store. A message is marked as **PDE**, if all the split messages are found to be duplicates.

Note

All the messages in the PDE queue (Incoming and Outgoing) are completely processed by EMS before initiating EOD operations.

3

Maintain Addresses for Customer

The messages and advices that are sent to the customers of the bank can be transmitted to various addresses through the media types that are maintained on the **Media Maintenance** screen. In the **Account Address Maintenance** screen, some of the details that can be maintained are:

- The media through which messages to a customer should be transmitted
- The address(es) of a customer for each media type
- The answer-back code for a telex advice
- A **Test Word** for the customer
- The messages that should be sent to an address
- The language in which messages must be sent to a customer address
- Specifying the **Delivery By** as **FILEFACT** while maintaining the Customer Address Information for MT102 Type of messages.

A customer of the bank can have several addresses for a given media. To distinguish between one address and another for the same media, the user can capture an address for every location.

Note

The addresses that are maintained for a customer on the **Account Address Maintenance** screen are in addition to the ones maintained in the Customer Information File (CIF) of the Core module.

This topic contains the following sub-topics:

- [Maintain Address at Customer \(CIF\) Level](#)
This topic provides systematic instructions to maintain address at the customer level.
- [View Customer Address](#)
This topic provides systematic instructions to view the address details.

3.1 Maintain Address at Customer (CIF) Level

This topic provides systematic instructions to maintain address at the customer level.

1. On **Homescreen**, specify **MSDTRCAD** in the text box, and click **Next**.
Treasury Customer Address Maintenance screen displays.

Figure 3-1 Treasury Customer Address Maintenance

- To maintain a new address for a customer, select **New** from the Actions menu, or click the **New** icon on the toolbar.

Note

- Oracle Banking Treasury Management generates a notification message when a new customer address is created and authorized. This notification message can be sent to any external system if required.
- In the **Group Code Restriction** screen, the customer details whose accounts are permitted for the query/modification can be modified.

Basic fields such as information such as **Customer No, Location, Media, and Address (line 1 to 4), and Any Message Type** will be auto-populated from the **Customer Address Maintenance (MSDCUSAD)** screen using the TR_CUST_DATA_REPLICATE job

Customer replication process supports auto population of modified Customer address maintenance details from FCUBS to OBTR.

The below list of fields can be modified in the **Customer Address Maintenance (MSDCUSAD)** screen from FCUBS:

- Country**
- Language**
- Name**
- Address Code**

- Address 1
 - Address 2
 - Address 3
 - Address 4
 - 50F party Details
3. On **Customer Address Maintenance** screen, specify the details.

Table 3-1 Customer Address Maintenance - Field Description

| Field | Description |
|---------------------------|---|
| Customer Number | Specify the customer (CIF) number, assigned to a customer in the Customer Maintenance screen, before capturing the different addresses of the customer. The name of the customer whose address is automatically displayed on providing the customer's identifier. |
| Location | <p>A customer of the bank can have several addresses for the same media. To differentiate between one address of a customer and another for a given media, it is mandatory to specify a unique location for each address. The location that is specified for an address is used as a unique identifier for the customer address. A single customer can have any number of accounts. Link a specific location with an Account Number. Maintaining multiple locations for the customer facilitates the sending of interest and account statements to more than one address of the customer. If an address is maintained at the Customer Account Definition level, all statements pertaining to the particular account will be sent only to the address specified at the account level, irrespective of the message and location maintenance for the customer. Choose from the available list and indicate the Account Number, which should be linked with the respective address.</p> <p>Note: A customer address is allowed to link with an account only for a specific branch which means that the branch should be a valid branch code in the system. All option indicates that the customer address and account linkage is valid in all the branches of the bank, but this option can not be exercised. This supports account statement generation in ISO 20022 format for cash management.</p> |
| Country | Select the relevant country code where the customer resides. All countries maintained through the Country Code Maintenance screen is made available here. |
| Answerback | Specify the answerback code for the customer. This field is applicable only if a message is transmitted through Telex . It cannot be more than 20 characters in length. It is a free format text. |
| Add Hold Mail Text | If this option is checked, then all the mail advice generated for this customer and location would have the hold mail text displayed on top of the message. As a consequence, these mail advices would not be dispatched to the customer unless required. Check this box to display the hold mail text on top of the message indicating the branch. |

Table 3-1 (Cont.) Customer Address Maintenance - Field Description

| Field | Description |
|--|--|
| Media | The types of media for which wants to capture addresses include Mail , E-Mail , Telex , SWIFT , FINPLUS , FAX and FILEACT interface to TIPA network. The Media details maintained in the Media Maintenance screen will appear in the list of values. Note: If media is maintained as FINPLUS , and the message type DEBIT_ADVICE and CREDIT_ADVICE are mapped, system supports generation of MX message Camt.054 debit/credit notification as per ISO 20022 standard which is the equivalent for SWIFT MT900 (Confirmation of Debit), and SWIFT MT910 (Confirmation of Credit). |
| Language | Specify the language code in which the messages sent to the address should be expressed. The language code specified here is taken as the default language in which all messages will be sent to the addresses. Note: To send a message to a customer in a particular language, maintain a message format for the chosen language through the Advice Format Maintenance screen. |
| Test Keyword | Enter the test word allotted to a customer. This field is applicable only if the message is transmitted through the media Telex . |
| Delivery By | Select how statements sent to the customer by mail should be delivered from the adjoining option list. All the values maintained through the Message Location Maintenance screen will be displayed in the option list. |
| Send by Email | If the customer has an e-mail address, capture it by clicking on the box adjacent to the Send by Email option. Enter the E-mail address for the customer, media and location combination in the first Address field. Capture addresses such as fax, mail, etc., for the combination in the remaining address fields, if required. |
| Sanction Check Status | The system displays the status of the sanction check request. <ul style="list-style-type: none"> • Not Required • Pending • Approved • Rejected |
| Name | Specify the name of the customer. |
| Address Code | Select the address code from the adjoining address code option list. |
| Address 1, Address 2, Address 3 and Address 4 | Enter the detailed address to which generated messages and advices to be sent, for a particular customer account under the selected media and location combination. The format of the address depends on the media through which the message is transmitted. If the address is for the media type Mail , enter the customer's address in the four rows under this field. Each line can contain a maximum of 35 characters. If the media of transmission is Telex , the address should be expressed numerically. For a SWIFT address, the address should be of eight or eleven characters alphanumeric. Note: Valid address (Mail or Telex or SWIFT) must be entered in the first line of the Address field only. |

Table 3-1 (Cont.) Customer Address Maintenance - Field Description

| Field | Description |
|--------------------------|--|
| 50F Party Details | <p>Specify the party details related to the ordering customer as a 5-line input here. Line 1 indicates the party identifier, and Line 2 to Line 5 indicates the name and address details of the party. Use either of the following line formats with option F:</p> <ul style="list-style-type: none"> Line 1 (Party Identifier) /34x (Account) Line 2 to Line 5 (Name & Address) 1!n/33x (Number)(Details) <p>Or</p> <ul style="list-style-type: none"> Line 1 (Party Identifier) 4!a/2!a/27x4!a/30x (Code)(Country Code)(Identifier) Line 2 to Line 5 (Name & Address) 1!n/33x (Number)(Details) <p>The details specified here are used for a stricter validation of the details related to the ordering customer. The validations are carried out according to the rules indicated below:</p> <p>a. Validations for Line 1, party identifier (applicable for the second format listed above)</p> <ul style="list-style-type: none"> Line 1 has to comply with (Code)(Country Code)(Identifier) format where the country code should be a valid ISO country code. The first 4 characters specified should be a valid party identifier code supported by SWIFT. <p>b. Validations for Line 2 to Line 5, Name and Address details of the party:</p> <ul style="list-style-type: none"> The first line must start with number 1. Line numbers must appear in numerical order. Line number 2 cannot be used without line number 3 and vice versa. Line number 4 cannot be used without line number 5 and vice versa. Line number 4 should have the format YYYYMMDD and this date must not be greater than the date on which the message was sent to SWIFT. Line numbers 3, 5, 6, and 7 should be followed by a valid ISO country code. Line numbers 3, 4, 5, 6, 7, and 8 should not repeat. Line numbers 1 and 2 can repeat. Line 8 is used as additional information. When the account identifier format is used, then in the case of Line 8 being used, either Line 6 or Line 7 should be used. When the party code identifier format is used, then Line 8 can be the continuation of Line 1, Line 6, or Line 7. Line 6 or 7 need not be mandatorily be used. <p>During contract input, the ordering customer record is searched in the customer addresses maintained, and if found the corresponding 50F details are defaulted to the contract. If not found, the address details default from customer maintenance. These validations are carried out for the following outgoing message types and appropriate error messages are displayed incase of any mismatches.</p> <ul style="list-style-type: none"> MT101 MT102 MT102+ MT103 MT103+ MT210 MT910 |

Specifying Message Address: For a customer address - message type combination, specify the branch from which the message can be sent to the address. With Oracle FLEXCUBE Universal Banking, the customers have the facility to effect a transaction from any of the branches of the bank.

Note

The **All** option indicates that the message can be sent to the address in the defined format from all the branches of the bank.

Table 3-2 Message Address - Field Description

| Field | Description |
|------------------------------|--|
| Message Type | Specify the message type from the adjoining option list. A message type is always associated with a module. Note: The option All indicates that all messages for the customer should be sent to the address being defined. |
| Module | Specify the module from the adjoining option list. |
| Branch | Specify the branch code from the adjoining option list. |
| Number of Copies | Specify the number of copies of the message that must be sent to the location each time it is generated. The number specified here is taken as the default number of copies of the message that will be generated each time a message is sent to this location through the media. To send more than one copy to a location, the first message will be the original and the others will be marked as Copy . Note: For payment messages, Oracle Banking Treasury Management defaults to 1 which indicates that only one payment message to be generated and there is no option to change it. |
| Format | Specify the format in which a message should be sent to a customer's address. The default format for a message type needs to be defined through the Advice Format Maintenance screen. Use the default format defined for the message type or define another format for the message. If this field is left blank, the default format specified for a message type in the Advice Format Maintenance screen will be used. However, to personalize a message to make it specific to a customer, specify the code of the format that should be used for the advice - customer combination. Note: The special format should first be defined in the advice format screen before it can be associated the customer address. |
| Account Number | Specify the account number from the adjoining option list. |
| Primary Address | When defining addresses for a message type, check this box to define the primary address. |
| Confirmation Matching | Check this box to automatically match the MM and FX confirmation messages. The confirmation messages are matched based on the confirmation rule maintained. Auto matching of confirmation messages is enabled only if the Confirmation Matching is checked for the combination of customer, branch, message type, module, location, and media. Note: If addresses at both the customer account level and the customer (CIF) level are maintained, then the system picks up the maintenance done at the customer account level to generate messages and advices. However, if the addresses at an account level are not maintained, then the system picks up the maintenance done at the customer (CIF) level to generate messages and advices. |

Note

The notification message is generated when a new customer address is created and authorized. This notification message can be sent to any external system if required.

Change Log

This subtopic provides detailed information on customer addresses.

The **View** screen displays the customer's previous addresses, the number of changes made to the address till the date, who has made the changes, when the changes are made, and whether the change has been authorized or not.

1. On **Treasruy Customer Address Maintenance** screen, click the **Change Log** button.
View screen displays.

Figure 3-2 View

The screenshot shows the 'View' screen with the following sections:

- Records:** A table with columns: Modification Number, Modification Status, First Authorization Status, Authorization Status, Maker ID, Maker Date Stamp, First Checker Id, and First Checker Date. The table is empty, displaying 'No data to display.' and a pagination bar for Page 1 (0 of 0 items).
- Remarks:** A section with four text input fields: Maker Remarks, First Checker Remarks, Maker Override Remarks, and Checker Remarks. Each field has a small icon to its right.
- Warnings:** A table with columns: Warning Code and Warning Description. The table is empty, displaying 'No data to display.' and a pagination bar for Page 1 (0 of 0 items).
- Fields:** A table with columns: Field Name, Old Value, and New Value. The table is empty, displaying 'No data to display.' and a pagination bar for Page 1 (0 of 0 items).

This screen displays the following details:

- **Modification Number**
- **Modification Status**
- **First Authorization Status**
- **Authorization Status**
- **Maker ID**

- **Maker Date Stamp**
 - **First Checker Id**
 - **First Checker Date**
 - **Checker ID**
 - **Checker Date Stamp**
 - **View Changes**
 - **Maker Remarks**
 - **Maker Override Remarks**
 - **First Checker Remarks**
 - **Checker Remarks**
 - **Warning Code**
 - **Warning Description**
 - **Field Name**
 - **Old Value**
 - **New Value**
2. To view the changes made on a particular date, double-click the **View Changes** button corresponding to the required date under the **Maker Date Stamp**.
A detailed screen appears containing changes made on the given date.
 3. Click the **Exit** button to end the transaction.

3.2 View Customer Address

This topic provides systematic instructions to view the address details.

1. On **Home page**, specify **MSSTRCAD** in the text box, and click **Next**.
Treasury Customer Address Summary screen displays.

Figure 3-3 Treasury Customer Address Summary

Treasury Customer Address Summary

Search Advanced Search Reset Clear All Records per page: 15

Recommended Fields(Ateast input one field with minimum character(s) as mentioned in bracket)

Customer No(3) [Search]

Optional Fields

Authorization Status [Dropdown] Record Status [Dropdown] Location [Search]

Media [Search]

Search Results Lock Columns: 0

| Authorization Status | Record Status | Customer No | Location | Media |
|----------------------|---------------|-------------|----------|-------|
| No data to display. | | | | |
| No data to display. | | | | |

Page 1 Of 1 [Navigation Icons]

2. On **Treasury Customer Address Summary** screen, specify the details.

Table 3-3 Customer Address Summary - Field Description

| Field | Description |
|-----------------------------|--|
| Customer Number | Specify the customer number from the adjoining option list. |
| Authorization Status | Select the authorization status from the drop-down list. <ul style="list-style-type: none">• Authorized• Unauthorized• Rejected |
| Location | Specify the location from the adjoining option list. |
| Record Status | Select the record status from the drop-down list. <ul style="list-style-type: none">• Open• Closed |
| Media | Specify the media from the adjoining option list. |

Note

In the **Group Code Restriction** screen, modify the customer details whose accounts are permitted for the query/modification.

3. Select any or all of the above parameters for a query and click the **Search** button.
The records meeting the selected criteria are displayed. The system displays the following details:
 - **Customer Number**
 - **Authorization Status**
 - **Location**
 - **Record Status**
 - **Media**
4. Click the **Exit** button to end the transaction.

4

Maintain Advice Formats

This topic provides an overview of the Advices and its formats.

The advices that are generated from the bank will have a definite format. In the **Advice Format Maintenance** screen, the user can specify formats and indicate the messages and advices that should use the formats that are defined.

By maintaining message formats, the user can ensure consistency across the branches of the bank. The user can maintain advice formats either by:

- Using the format editor on the screen to enter the format, or
- Importing the format from an ASCII file which can be located either on the Server or Client

Note

Message formats are maintained at the bank level and will apply to all the branches of the bank.

Automatic Printing of Advices Generated during EOD Processing

In addition to the generation of advices, Oracle FLEXCUBE Universal Banking automatically prints the advices that are scheduled to be generated during End Of Day (EOD) processing. Account Statements, Loan statements are examples of advices that is scheduled to be generated during EOD processing. This section contains the following topics:

1. Start the Background Process

2. Printing of Advices

In Oracle FLEXCUBE Universal Banking , the advices are generated during batch processing. On starting the background process, the system will search for the messages that are not generated. The advices may be of two kinds:

- The Advices that are not generated during contract authorization (If the message generation at the time of contract authorization is not opted.)
- The Advices that are scheduled to be generated during End of Day operations.
- As soon as the message is generated, the system will check whether the advice was scheduled to get generated during EOD. If so, the advice will be sent for spooling and printing.

If the advice is not scheduled to be generated during EOD, the system will move on to generate the next advice without printing the advice.

- [Maintain Advice Format Details](#)

This topic provides systematic instructions to maintain Advice format details.

- [Start the Background Process](#)

This topic provides systematic instructions to start the background process for generating and printing advices.

4.1 Maintain Advice Format Details

This topic provides systematic instructions to maintain Advice format details.

1. On **Home page**, specify **MSDTRAFM** in the text box, and click **Next**.
Treasury Advice Format Maintenance screen displays.

Figure 4-1 Treasury Advice Format Maintenance

2. On **Treasury Advice Format Maintenance** screen, specify the details.

Table 4-1 Treasury Advice Format Maintenance - Field Description

| Field | Description |
|-----------------|--|
| Format | Specify the format code. Each format is identified by a fifteen-character code called a Format code. The code that is assigned to a format should be unique as it is used to identify the format. Compare simple conditions while defining message formats. The details of the format will automatically become applicable to the message, after the code is assigned to a format. This code indicates the following details: <ul style="list-style-type: none"> • The number of lines that should be contained on a page when the advice is printed. • The number of columns that should be contained on a page when the advice is printed. • The language of the message. • The form type is attached to the format. |
| Language | A message can be sent to a customer in different languages. To make this possible, maintain a format in different languages. While maintaining addresses for a customer in the Customer Address Maintenance screen, specify the format and language in which a message to be sent. |

Table 4-1 (Cont.) Treasury Advice Format Maintenance - Field Description

| Field | Description |
|---------------------|--|
| Format Type | Specify the form type that applies to the message from the adjoining option-list. |
| Lines | This field displays the number of lines that should be contained on a page when the message is printed. |
| Columns | This field displays the number of columns that should be contained on a page when the message is printed. |
| Import File | Specify the full path to the file on the server which contains the format to be imported. |
| Import | Click Import button to import the ASCII file format. The file containing the format of the message will be displayed on the screen. |
| Format Text | Specify the text in the text box. |
| Module | Specify the module from the adjoining option list. |
| Message Type | Specify the message type from the adjoining option list. |
| Media | Specify the media from the adjoining option list. |
| Branch | Specify the branch code from the adjoining option list. |
| Currency | Select the currency code from the adjoining option list. |
| Product | Specify the product code from the adjoining option list. |

Entering an advice format using the format editor: To enter a format using the format editor, click the free format text icon positioned next to the text of the message. In the notepad, the user can tailor an advice to suit the requirements. Keywords to format the advice (similar to the **Advice Format Maintenance** screen) can be used here too to get the desired format. The following table contains a comprehensive list of the keywords that can be used in the format editor.

Table 4-2 Keywords

| Keyword | Significance |
|----------|--|
| #RH | Indicates the start of the report header section |
| #PH | Indicates the beginning of the header for a page |
| #EH | Indicates both the end of the header section of the report or the end header of a page |
| #RF | Indicates the start of the report footer section |
| #PF | Indicates the start of the footer of a page |
| #EF | Indicates both the end of the footer of a report or page |
| #B | Indicates the start of the body of the message |
| #EB | Indicates the end of the body of the message |
| #CL | Indicates that you can collapse a line |
| #EC | Indicates the end of a line that you have collapsed |
| #LOOP | Indicates the beginning of a loop |
| #ENDLOOP | Indicates the end of a loop |
| #IF | Indicates a conditional section |
| #ANDIF | Indicates a conditional section |
| #ORIF | Indicates a conditional section |
| #ENDIF | Indicates the end of a conditional |

After defining a format and assigning it a code, specify the list of messages that should use the format. The format that is defined for a message in this screen is taken to be the default format that will be used whenever the message is generated from the bank.

Note

For all the five combinations, use option **ALL** which indicates that the format is applicable for records in that category.

3. After specifying the mandatory entries, save the record.

An advice format maintenance record that is defined should be authorized by a user bearing a different login Id, before the End of Day (EOD) process begins.

4. Click the **Exit** button to end the transaction.

4.2 Start the Background Process

This topic provides systematic instructions to start the background process for generating and printing advices.

The user needs to run the background process to generate and print advices. In addition to the generation of the advices, the system prints the advices that are scheduled to be generated during EOD processing. The user can start or stop a process in the **Jobs Details** screen.

1. On **Homescreen**, specify **SMSJBBRW** in the text box, and click **Next**.

Jobs Details screen displays.

Figure 4-2 Jobs Details

2. On **Job Details** screen, specify the details.

Table 4-3 Jobs Details - Field Description

| Field | Description |
|-------------------|--|
| Job Module | Select the job module from the drop-down list. |

Table 4-3 (Cont.) Jobs Details - Field Description

| Field | Description |
|---------|---|
| Status | Select the status from the drop-down list. <ul style="list-style-type: none">• Stopped• Running• Halted |
| Process | Specify the process. |

3. Select any or all of the above parameters for a query and click **Search** button.
The records meeting the selected criteria are displayed as follows:
 - Job Module
 - Process
 - Process Sequence Number
 - Status
4. Check the required process in the search results table and click **Start** button to start the process.
5. Click **Stop** button to stop the process, at any point.
6. Click the **Exit** button to end the transaction.

5

Process Outgoing Messages

This topic provides an overview of the process of generating an outgoing message.

In each module, while defining products indicate the messages that should be associated with an event in the life cycle of a contract involving the product. A contract goes through several events during its life cycle. A message for an event is triggered for a generation when the event is authorized. For example, While defining a product to cater to short-term loans, the following messages should be generated when events take place:

Table 5-1 Messages for Short-term Loans Product

| Event | Message |
|-------------|--------------------|
| INITIATION | Initiation Advice |
| LIQUIDATION | Liquidation Advice |

To initiate a short-term loan involving the product an Initiation Advice will be triggered for a generation. Similarly, To make a repayment on the loan, the liquidation advice defined for the event will be triggered for a generation.

Note

In this context advices and messages are commonly referred to as messages.

Depending on the product - message - customer details, the address and the media through which the message should be transmitted. If a message is to be transmitted through **Mail**, it has to be printed. If the message is to be transmitted through **Telex**, enter the testword (if it is required for the message). The messages that are to be transmitted through media like **Telex** and **SWIFT** will be sent by the Media Control System (MCS) which is connected to the node in which the database of branch is installed. A message that is triggered for generation can be sent in the background or can be generated on-line. An outgoing message will be processed based on the preference that are set.

Note

The messages that are triggered by an automatic event will be put in the Outgoing Browser by the automatic function itself. This is because events triggered by an automatic function do not require authorization.

This topic contains the following sub-topics:

- [Generate Messages from Outgoing Browser](#)
This topic provides systematic instructions for generating messages from an outgoing browser.

5.1 Generate Messages from Outgoing Browser

This topic provides systematic instructions for generating messages from an outgoing browser.

If the background message process is not running, in that case, all the messages triggered for the generation are displayed in the Outgoing Message Browser, where the message can be generated at any time in the day.

1. On **Homescreen**, specify **MSSTROBR** in the text box, and click **Next**.

Treasury Outgoing Message Browser Summary screen displays.

Figure 5-1 Treasury Outgoing Message Browser Summary

The screenshot displays the 'Treasury Outgoing Message Browser Summary' screen. At the top, there are search options: 'Search', 'Advanced Search', 'Reset', and 'Clear All'. A 'Records per page' dropdown is set to 15. Below this is a 'Search (Case Sensitive)' section with multiple filters arranged in a grid:

- Branch: 000
- Module:
- Media:
- Message Status:
- Authorization Status:
- Bulk Preference Name:
- SWIFT LAU:
- Document Number:
- Message Type:
- SWIFT Message Type:
- Hold/Release Status:
- Delivered Status:
- Bulk Status:
- PDF Delivery Status:
- Reference Number:
- Receiver:
- Swift MX Type:
- Acknowledgement Status:
- Bulk Reference No:
- Destination Type:

Below the filters is a 'Search Results' section with a 'Lock Columns' dropdown set to 0. A table header is visible with columns: Branch, Document Number, Reference Number, Module, Message Type, Sub Message Type, Receiver, Media, and SWIFT Message Type. The table content area shows 'No data to display.' At the bottom, there is a pagination bar showing 'Page 1 Of 1' and a series of action buttons: Generate, Hold, Cancel, TW Input, Change Node, Change Address, Print, Undo, Change Priority, Resend, Release, Reinstate, TW Auth, Change, and Exit.

2. On **Treasury Outgoing Message Browser Summary** screen, specify the details.

Table 5-2 Outgoing Message Browser Summary - Field Description

| Field | Description |
|----------------------------|---|
| Branch | Specify the branch code. |
| Module | Specify the module code. |
| Media | Specify the media. |
| Hold/Release Status | Select the appropriate status from the drop-down list. <ul style="list-style-type: none"> • Hold • Released • Carry Forward |
| Delivered Status | Select the appropriate status from the drop-down list. <ul style="list-style-type: none"> • Delivered • Non Delivered |

Table 5-2 (Cont.) Outgoing Message Browser Summary - Field Description

| Field | Description |
|------------------------------|--|
| Bulk Status | Specify the bulk status from the following options: <ul style="list-style-type: none"> • INPROGRESS: This option indicates that the bulking is identified for the DCN. • BULK_SUCC: This option indicates that the bulking operation is successfully completed. • BULK_FAIL: This option indicates that the bulking operation is failed. • FILESENT_SUCC: This option indicates that the bulked file is sent to the destination. • FILESENT_FAIL: This option indicates that the bulked file was not sent as sending failed. |
| User Reference Number | Specify user reference number. |
| Document Number | Specify document number. |
| Message Type | Specify Message type. |
| SWIFT Message Type | Specify SWIFT Message type. |
| Acknowledgment Status | Select the acknowledgment status from the drop-down list. <ul style="list-style-type: none"> • Pending • Accepted • Rejected • Not Required |
| Bulk Reference Number | Specify bulk reference number. |
| Destination Type | Specify destination type. |
| Value Date | Select value date from the Calendar icon. |
| Reference Number | Specify reference number. |
| Receiver | Specify receiver. |
| Message Status | Select message type from the drop-down list. <ul style="list-style-type: none"> • Cancelled • Reinstated • Repair • Sent Ungenerated • Generated • Handoff • Processed • Confirmation Pending • External - Ungenerated Bulk |
| Authorization Status | Select authorization status from the drop-down list. <ul style="list-style-type: none"> • Authorized • Unauthorized |
| Bulk Preference Name | Specify bulk preference name. |
| SWIFT LAU | Specify the SWIFT LAU details. |

3. Click the **Search** button.

The system identifies all outgoing messages satisfying the specified criteria and displays the following details for each outgoing message:

- **Branch**
- **Document Number**
- **Reference Number**

- **Module**
- **Message Type**
- **Sub Message Type**
- **Receiver**
- **Currency**
- **Amount**
- **Media**
- **SWIFT Message Type**
- **SWIFT Sub Message Type**
- **Node**
- **Priority**
- **Name**
- **Address**
- **Address 2**
- **Address 3**
- **Address 4**
- **Location**
- **Message Status**
- **Testword**
- **Exception**
- **Running Number**
- **Hold/Release Status**
- **Test Amount**
- **Test Date**
- **Test Currency**
- **Test Word Narrative**
- **Acknowledgement Status**
- **Hold Mail**
- **External Reference**
- **Delivery By**
- **RTGS Network**
- **Entry By**
- **Maker Date Stamp**
- **Authorized By**
- **Checker Date Stamp**
- **Authorization Status**
- **Once Authorized**
- **Modification Number**

- DCN List
- Bulk
- Selected
- Testing Status
- Any or Original
- Original DCN
- Delivered Status
- From Date
- To Date
- Bulk Reference Number
- Bulk Preference Name
- Bulk Status
- File Type
- SWIFT Net Connectivity
- Folder Name
- Queue Name
- Destination Type
- SWIFT LAU
- User Reference Number
- Value Date

RTGS Network defaults the following message types:

- CUST_TSFR_RTGS
- BANK_TSFR_RTGS
- DIRDR_RTGS

Table 5-3 RTGS Message Type and Description

| Message | Description | SWIFT Message |
|-----------------------|--|---------------|
| CUST_TSFR_RTGS | Used when a Pay message generation is for a corporate and sent through the RTGS Network. | MT 103 |
| BANK_TSFR_RTGS | Used when a message belongs to an interbank deal and sent through the RTGS Network. | MT 202 |
| DIRDR_RTGS | Used when a direct debit message is sent through the RTGS Network. | MT 204 |

Note

- If none of the criteria is selected, then the system displays all the messages in the outgoing browser.
- Funding Status will be updated during the processing of incoming MT102 and MT109.

4. Check the box against the message(s) for which needs to perform an operation and then click the corresponding operation.

The operations that can be performed on an outgoing message are determined by the rights that are assigned with at Security Management System (SMS) level. If a function in the Outgoing Browser is disabled, then the function is not allowed for the record. The action performed will require authorization, if maintained at the Messaging Branch Preferences level. The system allows only **Print**, **View** and **Detail** actions for messages generated by External Payment system. The following operations can be performed on the outgoing messages:

Table 5-4 Operations

| Operation | Description |
|-----------------|---|
| Generate | Click this button to generate an outgoing message. Ungenerated and repaired messages can be generated. On clicking the Generate button, the system checks the contract status for which the message is generated and will not generate a message in the following condition: <ul style="list-style-type: none"> • If the contract is reversed • If the message is on hold • If the message maintenance is not authorized and the message is moved to repair queue |
| Hold | Click this button to temporarily stop generating an outgoing message. Authorizing Supervisor can view details and then release the messages or change their status to Carry Forward which in turn can be released on further authorization. Note: Messages with Hold status must either be carried forward or released before executing the EOD processes at the branch; else the system displays an error message. However, if the message is canceled, then the system will not display an error message, though the status is Hold . |
| Cancel | Click this button to cancel an outgoing message. The messages with Ungenerated and Hold status can be canceled. |
| TW Input | Click this button to input testword for Telex messages which were moved to Repair status. |

Table 5-4 (Cont.) Operations

| Operation | Description |
|------------------------|---|
| Change Node | Click this button to change the node from which an outgoing message is generated. In a distributed environment, the database of one or more branches of the bank is located at a node or a server. Hence a Media Control System is installed and defined specifying the node at which it is installed. On clicking the Node , the system displays the details of the individual message providing an option to change the Node . Select the node to be changed from the adjoining option list. Note: MCS status at the node in which the database of the bank is installed should be passive. |
| Change Address | Click this button to change the address to which an outgoing message has to be sent. Enter the new address to which the message should be sent and click OK to save. Note: Change of address can be done only before a message is generated. |
| Print/Spool | Click this button to print an outgoing message. On clicking the Print button, the option will be provided to select spool or print online. Messages that are transmitted through the mail and those canceled should be printed. The details of messages transmitted through other media types can also be printed. The system provides an option to spool the advice in PDF format. On clicking the Print/ Spool button, the selected advice in PDF file is displayed along with SWIFT tag description. |
| Undo | Click this button to reverse the last action performed on an outgoing message at the Outgoing Message Browser Summary level. |
| Change Priority | Click this button to change the priority for sending a payment message which is yet to be generated. Note: In the Background, messages generated on a priority basis. |
| Resend | Click this button to regenerate and resend a message which was generated and sent. |
| Release | Click this button to release a message which is on hold. |
| Reinstate | Click this button to reinstate canceled outgoing messages. |
| TW Auth | Click this button to authorize testword entered for a Telex message if the rights to authorize are provided. While authorizing, reenter the testword. |
| Change Media | Click this button to change the media through which a message is transmitted before it is generated. Media of transmission of a message is changed if there is a failure of the medium at the recipient's end. Note: The selected media through which a message is transmitted should be available to the recipient. |

Table 5-4 (Cont.) Operations

| Operation | Description |
|----------------------|---|
| Change Branch | Click this button to send an outgoing message from another branch. Select the branch to which the message needs to be moved from the adjoining option list. Change the branch of a message for the following reasons: <ul style="list-style-type: none"> • If there is a failure of a medium at the bank's or the counterparty's end. • If the branch is located closer to the location of the customer's address. |
| View | Click this option to view the contents of a generated outgoing message. Viewing multiple messages is not supported. |
| Authorize | Click this option to authorize if there are authorization rights for an operation at the Messaging Branch Preferences level. Messages should be authorized before sending. |
| Handoff | Click this button to hand off a generated message to MCS to save the date in an ASCII format. |
| Details | Click this option to view the details of a generated outgoing message. Viewing details of multiple messages is not supported. |
| On-Line Auth | Click this option to authorize online, if there are online authorization rights for an operation at the Messaging Branch Preferences level. Messages should be authorized before sending. |
| Copy | Click this button to send a copy of an outgoing message to another customer involved in a contract. Specify the following details: <ul style="list-style-type: none"> a. Any: Select this option to implement the following changes: <ul style="list-style-type: none"> • Media • Name of the recipient • Location of the recipient • Address of the recipient b. Original: Select this option to copy the message in the original form. |
| Carry Forward | Click this button to carry forward an outgoing message which is on Hold for subsequent days. Note: Messages which have been Carried Forward can be put back on Hold. |

5. Click the **Exit** button to end the transaction.

6

Retrieve an Archived Message

This topic provides an overview of the process to retrieve an archived message.

Archival is the process of storing old messages for future retrieval. To recall, while defining messaging preferences for the branch, the user must specify the number of days for which an outgoing message should be kept in the Outgoing Message Browser. A message will be automatically archived after the number of days that are specified in the **Messaging Branch Parameters Maintenance** screen. The user can choose to retrieve the outgoing messages that have been archived by invoking the **Message History Retrieval Summary** screen.

This sections contains the following topics:

- [Process Message History Retrieval Summary](#)
This topic provides systematic instructions to process Treasury Message History Retrieval summary.
- [Process Message](#)
This topic provides systematic instructions to process and view Message screen.

6.1 Process Message History Retrieval Summary

This topic provides systematic instructions to process Treasury Message History Retrieval summary.

1. On **Home page**, specify **MSSTRUAR** in the text box, and click **Next**.
Treasury Message History Retrieval Summary screen displays.

Figure 6-1 Treasury Message History Retrieval Summary

Treasury Message History Retrieval Summary

Search Advanced Search Reset Clear All

Records per page 15

Search (Case Sensitive)

Module Reference Number Message Type Media Receiver Date

Search Results

Lock Columns 0

| Module | Reference Number | Message Type | Media | Receiver | Date |
|---------------------|------------------|--------------|-------|----------|------|
| No data to display. | | | | | |

Page 1 Of 1

View Message Exit

2. On **Treasury Message History Retrieval Summary** screen, specify the details.

Table 6-1 Message History Retrieval Summary - Field Description

| Field | Description |
|-------------------------|---|
| Module | Specify module number from the option list. |
| Message Type | Specify the type of the message from the option list. |
| Receiver | Specify receiver. |
| Reference Number | Specify reference number from the option list.. |
| Media | Specify media from the option list. |
| Date | Select date by clicking the Calendar icon. |

3. Select any or all of the above parameters for a query and click the **Search** button.

The records meeting the selected criteria are displayed:

- **Document Number**
- **Module**
- **Reference Number**
- **Message Type**
- **Media**
- **Receiver**
- **Date**

4. Click the **Exit** button to end the transaction.

6.2 Process Message

This topic provides systematic instructions to process and view Message screen.

1. On **Homescreen**, specify **MSDTRVMS** in the text box, and click **Next**.
Treasury Message screen displays.

Figure 6-2 Treasury Message

The screenshot shows the 'Treasury Message' application window. At the top, there is a title bar with the text 'Treasury Message' and window control icons. Below the title bar is a search bar with the placeholder text 'Enter Query'. The main area is divided into several sections for filtering and displaying messages. On the left, there are input fields for 'Reference Number' (with a 'DCN' label), 'Event Sequence Number or Version Number', 'Receiver or Sender', 'Message Type', 'SWIFT Message Type', and 'Swift MX Type'. On the right, there are input fields for 'Sub Message Type' and 'SWIFT Sub Message Type'. Below these fields is a large rectangular area labeled 'Message' for displaying the selected message. At the bottom of the screen, there are three input fields labeled 'Remarks', 'Reject Reason', and 'Message Trailers'. An 'Exit' button is located in the bottom right corner. The interface includes various icons for search, refresh, and window management.

2. On **Treasury Message** screen, specify the details.

For more information on fields, refer to the below field description table.

Table 6-2 Treasury Message - Field Description

| Field | Description |
|--|--|
| Reference Number | The system displays the reference number. |
| DCN | Specify the DCN. |
| Event Sequence Number or Version Number | The system displays the event sequence number. |
| Receiver or Sender | The system displays the receiver or sender identification details. |
| Message Type | The system displays the Message type. |
| SWIFT Message Type | The system displays the SWIFT Message type. |
| Sub Message Type | The system displays the Sub Message type. |
| SWIFT Sub Message Type | The system displays the SWIFT Sub Message type. |
| SWIFT MX Type | The system displays the MX equivalent of SWIFT MT message. |

The system displays the following details:

- **Message**
 - **Remarks**
 - **Reject Reason**
 - **Message Trailers**
3. Click the **Exit** button to end the transaction.

7

Process Incoming Messages

This topic provides an overview of the process of generating an incoming message.

The **Message Media Control Maintenance** screen displays the Media Control Systems that are connected to the node in which the database of the branch is installed, the media that the Media Control Systems should handle, and the hand-off directory into which all incoming messages transmitted through a specific media should be stored. The final destination of an incoming message is the end user queue. These queues represent departments responsible for acting on the received messages.

This topic contains the following sub-topics:

- [Incoming Messages](#)
This topic provides an overview of the Incoming messages.

7.1 Incoming Messages

This topic provides an overview of the Incoming messages.

Background Processing of Incoming Messages

All incoming messages that are intended for the bank will be handled based on the MCS specifications that are maintained for the branch. An incoming messages can be received in the ASCII format from an MCS, and manually direct them to the appropriate queues, or indicate that the background process should automatically pickup incoming messages from an MCS and transfer them to the appropriate queues.

To process incoming messages for the branch in the background, the messages will be routed to the relevant queues as and when they come in without manual intervention.

Configure the background process to begin when the Beginning of Day process is run or process it at any time in the day. This screen (**Job Browser/Job Monitor** screen) can also be used to check whether the background process is running for outgoing and incoming messages.

Messages that are transmitted by mail will have to be handled manually. Messages transmitted through media like **Telex** and **SWIFT** will be automatically routed to the relevant queues. A unique reference number (DCN) is assigned to each incoming message. Incoming messages, which have an error, will be moved to the error queue.

Manual Processing of Incoming Messages

Process incoming messages manually if the background message process is not running to route messages that cannot be routed to a user queue automatically.

If the background process is not running, the messages that have come in to the bank will be stored in the incoming directory located on the node at which the database of the branch is installed. This directory is specified in the **Message Media Control Maintenance** screen. On processing the Incoming Message Browser, upload all the messages from the directory on the node. All the incoming messages will be displayed in the incoming browser.

Maintain Incoming Message Browser Screen

Refer to the topic *View Incoming Message Browser Summary* for the detailed information.

- [View Incoming Message Browser Summary](#)
This topic provides systematic instructions to view incoming message browser summary.
- [View Details of Incoming Message](#)
This topic provides systematic instruction to view details of incoming message.
- [Edit Incoming Message](#)
This topic provides systematic instructions to edit an incoming message.

7.1.1 View Incoming Message Browser Summary

This topic provides systematic instructions to view incoming message browser summary.

The **Treasury Incoming Message Browser Summary** screen receives the messages that have come in through the MCS connected to the node in which the database of the branch is installed.

1. On **Homescreen**, specify **MSSTRIBR** in the text box, and click **Next**.
Treasury Incoming Message Browser Summary screen displays.

Figure 7-1 Treasury Incoming Message Browser Summary

2. On **Treasury Incoming Message Browser Summary** screen, specify the details.

Table 7-1 Treasury Incoming Message Browser Summary - Field Description

| Field | Description |
|-------------------------------|---|
| Branch | Specify the branch code. |
| Reference Number | Specify the reference number. |
| Media | Specify the media through which the message was transmitted. |
| SWIFT Sub Message Type | Specify the SWIFT sub message type. |
| Authorized | Select the authorization status from the drop-down list. <ul style="list-style-type: none"> • Authorized • Unauthorized |

Table 7-1 (Cont.) Treasury Incoming Message Browser Summary - Field Description

| Field | Description |
|---------------------------|--|
| Suppress Message | Select the message suppression option from the drop-down list. <ul style="list-style-type: none"> • Suppress Msg Generation • No Suppress • Suppress Full |
| Queue | Specify the queue. |
| Document Number | The Document Number (DCN) is the delivery control number used to identify the message. It is a 10-digit number prefixed with a letter of the English alphabet. The DCN is constructed as follows: <ul style="list-style-type: none"> • 1-2 Characters: Last two digits of the current year • 3-5 Characters: Day of the year (Julian Date) • 6-10 Characters: Sequential number starting from 00001 each day |
| Sender | Specify the name, address and location of the sender of the message. |
| SWIFT Message Type | Specify the SWIFT message type. |
| Testword | For a message that was transmitted through Telex, specify the testword. Telex messages that come into the bank needs to be checked for validity if it is specified in the Messaging Branch Parameters Maintenance screen. This is done by entering a testword which depends on the testword arrangement with the counterparty, the important aspects of the message like customer, date and currency. If the testword entered does not match the Telex testword the message is registered as a defective message and put into the repair status. |
| Status | Select the record status from the drop-down list. <ul style="list-style-type: none"> • Unprocessed • Processed • Repair • Suppressed • Funding Exception • Pending Cover Match • Failed Verification • Pending Authorization • Pending Liquidation <p>If the Bill Liquidation failed for the trade-related MT202 message, the status will be updated as L (Pending Liquidation). List all the trade-related MT202 which are failed during Bill Liquidation by filtering by Status as L (Pending Liquidation). On successful processing of Trade Related MT202, the generated Reference Number is displayed with the Bill Contract Reference Number in the Incoming Message Browser Summary screen.</p> |
| Process Status | Select the process status from the drop-down list. <ul style="list-style-type: none"> • Unprocessed • Processed • Repair • Exception • Pending Auth Receipt |

Through the **Incoming Message Browser Summary** screen, the following functions can be performed:

- Upload incoming messages from the incoming directory on the node

- Check Testwords for Telex messages
- Authorize the Testword check for messages
- Link an incoming message to a contract
- Route the incoming messages to appropriate queues

3. Click the **Search** button to view the details.

The system identifies all incoming messages satisfying the specified criteria and displays the following details for each incoming message:

- **Branch**
- **Document Number**
- **Reference Number**
- **Sender**
- **Media**
- **SWIFT Message Type**
- **SWIFT Sub Message Type**
- **Name**
- **Address 1**
- **Address 2**
- **Address 3**
- **Address 4**
- **Location**
- **Testword**
- **Entry By**
- **Release Time**
- **Running Number**
- **Authorized**
- **Checker Date Stamp**
- **Checker ID**
- **Status**
- **Suppress Message**
- **External Reference**
- **Process Status**
- **Modification Number**
- **Media Control System**
- **Message Status**
- **Once Auth**
- **Value Date**
- **Amount**
- **PDE Flag**

- Queue
 - Message Sequence Number
 - Customer Reference Number
 - SWIFT LAU
 - LAU Validation
 - RTGS Network
 - Generated Reference
4. Check the box against the message(s) for which needs to perform an operation and then click the corresponding operation.

Table 7-2 Operations

| Operation | Description |
|----------------------|---|
| View | To view the message, highlight the message and click the View button on the browser. The contents of the message will be displayed in a separate screen. |
| Change Branch | Select the message for which Branch has to be changed and click on Change Branch button. The details of the message will be displayed with only the Branch field enabled. Select the new branch from the list of values provided and save the message. |
| TW Auth | A telex message for which a testword is entered should be authorized before it can be routed to a user queue (if it is specified in the Messaging Branch Parameters Maintenance screen). To authorize a test word that was entered for a telex message, click the TW Auth button from the browser on this screen. During the authorization of a testword the authorizer will be required to re-enter the testword. |
| Link Contract | In the browser, select the message with which a contract to be associated and click the Link Contract button. The Reference Number option list is enabled for the selected message. Select the appropriate contract from the list. The message will be subsequently associated with the contract selected here. |
| Edit | Click the Edit button to make changes to the SWIFT message, especially the messages marked for repair. The message is displayed in edit mode (Edit Message screen) and only a user with requisite rights for editing can edit an incoming message. If editing is possible for the user, the message is available for amendment. The list of fields which can be modified are maintained through back-end database tables appropriately during implementation of Oracle FLEXCUBE Universal Banking . Mostly fields like Amount , Currency are maintained as non-modifiable whereas fields such as Value Date is maintained as modifiable. Based on the maintenance in these tables, the appropriate fields are enabled for amendment. On saving the amendment of the message, a new version is created and must be authorized. Two versions of an incoming message are displayed on the screen. If the verifier needs to reject the change for any reason the same can be mentioned in the Reject Reason field. Note: In the case of incoming messages with a PDE trailer, the PDE Flag check box in the Incoming Message Browser Summary screen will be checked. In the Edit Message screen, check Remove Trailer option to remove the PDE trailer (message contains the text PDE) and save the message. |

Table 7-2 (Cont.) Operations

| Operation | Description |
|-----------------------|---|
| Force | Use Force button to forcibly release all Payment Message Transactions with Funding Exception status and insufficient funds. In other words, the system will post the required accounting entries for such transactions regardless of insufficient funds in the accounts. However, an override will be displayed. The system will also maintain a detailed audit trail for such transactions. A user with appropriate rights can perform this function. |
| Print | To print the details of an incoming message, highlight the message and click the Print button on the browser. The screen prompts the option to spool or directly print the message. The SWIFT tag description can also be viewed. |
| Change Address | To change the address, highlight the message and click the Change Address button on the browser. |
| Move To Queue | After the necessary checks for the media through which a message is transmitted, route the message to a user queue. To change the queue in which an incoming message should be stored, select the message, click the Move To Queue button and select a queue from the adjoining option list. The message will be automatically moved to the queue that is specified. The final destination of an incoming message is the end-user queue. These queues represent departments or printers responsible for acting on the received messages. Once a message is lodged into an end-user queue, it can be viewed on-screen or printed by the users who have access to the queue. It is possible to move messages from one end user queue to another as well. For a message that was transmitted through Telex, enter the testword and have it authorized before routing it to the relevant end-user queue. |
| Upload | If the background process for incoming messages is not running, upload the messages that have come into the bank from the incoming directory on the node to which the branch is connected. To upload messages from the incoming directory (specified in the Message Media Control Maintenance screen) click the Upload button. All messages that were stored in the incoming directory will be uploaded to Oracle FLEXCUBE Universal Banking and displayed in the Incoming Message Browser. |
| Authorize | Use the Authorize button to authorize the message. All the amendments made to a SWIFT payment message have to be authorized by a user with appropriate authorization rights. At the time of authorization, Oracle FLEXCUBE Universal Banking will display the earlier version of the SWIFT payment message along with the amended version, in the same window. A list of all the errors due to which the message was marked for repair is also displayed. The authorizer can view all the errors and also verify the changes that were made to correct them. After verification, if all the details are found to be appropriate, the message is authorized. Oracle FLEXCUBE Universal Banking maintains a detailed audit log of all amended SWIFT Payment Messages. The following details are captured for each authorized message: <ul style="list-style-type: none"> • User ID of the person who authorized the amendments • Date and time of authorization At any point during the verification and authorization process, the authorizer can choose to cancel the entire operation without changing the status of the message. |

Table 7-2 (Cont.) Operations

| Operation | Description |
|-----------------|--|
| Suppress | <p>To suppress a message, click the Suppress button in the incoming browser and process the Suppress Message screen. The following options are available to suppress a Payment Message:</p> <ul style="list-style-type: none">• Suppress Message Generation: On selecting this option, Oracle FLEXCUBE Universal Banking stops the generation of the Payment Message. However, the system post the necessary accounting entries for the messages being suppressed.• Suppress Full: On selecting this option, the system does not post the related accounting entries. Advice generation stops and the system does not pick up the Payment Message for any further processing.• No Suppress: A message marked with the No Suppress option is processed like any other normal incoming SWIFT payment message. <p>Specify the reason for suppressing a Payment Message in the Remarks field.</p> |

Table 7-2 (Cont.) Operations

| Operation | Description |
|----------------|---|
| Details | <p>To view details of the incoming message, select the message and click the Details button. The following details regarding the incoming message are displayed on the Details screen:</p> <ul style="list-style-type: none"> • Document Number • Reference Number • Swift Message Type • Queue • Operation • Status • Currency • Amount • Value Date • External Reference Number • Multi Credit Reference Number • Branch • Media Control System • Node • Test Word • Repair Reason • Name • Address • Location • Process • PDE Flag • Suppress Options • Remarks • Auth By • Entry By • Sender • Media • Mod Number • Checker Date Stamp • Maker Date Stamp • Suppress Status • Funding Exception Status • Cover Match Status • Authorization Status |

5. Click the **Exit** button to end the transaction.

7.1.2 View Details of Incoming Message

This topic provides systematic instruction to view details of incoming message.

1. On **Treasury Incoming Message Summary** screen, select the message and click '**Details**' button.
2. On '**Message**' screen, specify the details as required.
 - DCN
 - Reference Number
 - Sender

- Media
- Swift Message Type
- Queue
- Operation
- Status
- Currency
- Amount
- Value Date
- External Reference Number
- Multi Credit Reference Number
- Branch
- Media Control System
- Node
- Test Word
- Repair Reason
- Name
- Address
- Location
- Process
- PDE Flag
- Suppress Options
- Remarks
- Auth By
- Entry By
- Mod No
- Checker Date Stamp
- Maker Date Stamp
- Suppress Status
- Funding Exception Status
- Cover Match Status
- Authorization Status

7.1.3 Edit Incoming Message

This topic provides systematic instructions to edit an incoming message.

- On **Treasury Incoming Message Summary** screen, click **Edit** button.

The message is displayed in edit mode. Only a user with requisite rights for editing can edit an incoming message.

The **Treasury Edit SWIFT Message** screen is displayed:

Figure 7-2 Treasury Edit SWIFT Message

If editing is possible for the user, the message is displayed and is available for amendment. The list of fields, which can be modified are maintained through back-end database tables appropriately during implementation of Oracle Banking Treasury Management. Most typically, fields like amount, currency would be maintained as non-modifiable whereas fields such as value date could be maintained as modifiable. Based on the maintenance in these tables, the appropriate fields are enabled for amendment.

On saving the amendment of the message, a new version is created and must be authorized. The screen shown above displays two versions of an incoming message. If the verifier needs to reject the change for any reason the same can be mentioned in the **'Reject Reason'** field.

Note

In the case of incoming messages with a PDE trailer, the **'PDE Flag'** check box in the **'Incoming Message Browser'** screen will be checked. In the **'Edit Message'** screen, check **'Remove Trailer'** option to remove the PDE trailer (message contains the text {'PDE:'}) and save the message.

8

Define Free Format Messages

In the course of daily banking operations, the user may want to generate messages that are not automatically generated by the system to communicate a message that is very specific to a customer. The user can enter the details of such messages in the form of a free format message.

The details of a free format message can be entered in the **Free Format Message Maintenance** screen. This screen displays the some of the following details:

- The format of the message
- The recipient of the message
- The media through which the message should be transmitted
- The address and location to which the Free Format Message should be sent

This topic contain the following sub-topics:

- [Maintain Free Format Message](#)
This topic provides systematic instructions to maintain a free format message.

8.1 Maintain Free Format Message

This topic provides systematic instructions to maintain a free format message.

1. On **Homescreen**, specify **MSDTRFFT** in the text box, and click **Next**.
Treasury Free Format Message Maintenance screen displays.

Figure 8-1 Treasury Free Format Message Maintenance

The screenshot shows the 'Treasury Free Format Message Maintenance' screen. At the top, there's a title bar with 'Treasury Free Format Message Maintenance' and window controls. Below the title bar, there are two buttons: 'New' and 'Enter Query'. The main area is divided into several sections. On the left, there's a list of fields: Document Number, Module (with a dropdown showing 'MM'), Customer, Media, Location, Node, Date, and External Reference No. To the right of these fields are search icons. Further right, there are fields for Name, Address, Form (with a dropdown showing 'ADV'), Copies (with a value of 1), Hold (a checkbox), and Test Word Required (a checkbox). Below these, there's a field for Contract Reference (with a value of 'TAGS') and a search icon. At the bottom left, there's an 'Import File' button and an 'Import' button. To the right of the 'Import' button is a 'Server' button. Below these buttons, there's a section for 'Message' and 'SWIFT Message Details'. The 'Message' section has a 'Message' field. The 'SWIFT Message Details' section has a 'Free Format Text' field. At the very bottom, there are three buttons: 'Fields', 'Audit', and 'Exit'.

2. On **Treasury Free Format Message Maintenance** screen, specify the details.

Table 8-1 Treasury Free Format Message Maintenance - Field Description

| Field | Description |
|----------------------------------|--|
| Document Number | The system generates the document number on save. |
| Module | Select the module from the drop-down list. |
| Customer | Select the customer code to whom the message is addressed. If the recipient is not a customer of the bank, then specify the name of the recipient in this field. |
| Media | Specify the media through which the Free Format Message should be transmitted. The media through which a Free Format Message is transmitted depends on the media types that are maintained for the branch in the Media Maintenance screen. |
| Location | Specify the location of the address. To recall, the location that is specified for an address is a unique identifier between the other addresses of the customer for a given media. The address of the customer will be automatically displayed based on the Customer-Location-Media combination, if it is already maintained in the system. |
| Node | Specify the node from where this Free Format Message has to be generated. |
| Date | Select the date from the Calendar icon. |
| External Reference Number | The system displays external reference number on save. |
| Name | In the case of a walk-in customer, enter the name of the customer to whom the message is to be addressed. If the recipient of the message is a customer of the bank, the customer's name will be automatically displayed on entering the customer's CIF number in the Customer field. |
| Address | If the recipient of the message is a customer of the bank, the customer's address will be automatically displayed based on the Customer-Location-Media combination that is specified. In the case of a Walk-in customer, enter the address. The format of the address depends on the media through which the Free Format Message is transmitted. If the address is for the media type Mail , enter the customer's address in the four rows under this field. Each line can contain a maximum of 35 characters. If the media of transmission is Telex , the address should be expressed numerically. For defining a SWIFT address, the address should be of eight or eleven alphanumeric characters. |
| Form | If the message to be sent is in the form of a template, select the template from the option list. |
| Copies | Enter the number of copies of the Free Format Message must be sent to the customer at the time it is generated. To send more than one copy to a location, the first message is the original one and the others are marked as Copy . |
| Hold | On-hold Messages are temporarily stopped from the generation. If it is specified to generate messages in the background, the Free Format Messages are immediately sent on saving the record. To not send the messages immediately, place it on hold. In this case, the messages appear in the Outgoing Message Browser, but will be in the hold status. The user must release the message before generating it from the Outgoing Browser. |
| Test Word Required | Indicate whether a test word needs to be inserted into the telex message manually before it is generated from your branch. |

Table 8-1 (Cont.) Treasury Free Format Message Maintenance - Field Description

| Field | Description |
|---------------------------|---|
| Contract Reference | Specify the code assigned to the customer, the recipient of the message. This code is assigned to the customer in the Customer Information File (CIF). |
| Server | The server indicates the machine on which the database of the bank is installed. To import a format from an ASCII file on the server, select the radio button against Server . |
| Import File | Specify the full path to the file on the server which contains the format to be imported. |
| Import | Click Import button to import the ASCII file format. The file containing the format of the message will be displayed on the screen. |

Maintain Free Format Message - Message Tab

This topic provides systematic instructions to specify free format messages.

1. On **Treasury Free Format Message Maintenance** screen, click the **Message** tab.
Message tab displays.

Figure 8-2 Treasury Free Format Message Maintenance - Message

The screenshot shows the 'Treasury Free Format Message Maintenance' window with the 'Message' tab selected. The form contains the following fields and controls:

- Document Number**: A text field.
- Module**: A dropdown menu with 'MM' selected.
- Customer**: A text field with a search icon.
- Media**: A text field with a search icon.
- Location**: A text field with a search icon.
- Node**: A text field with a search icon.
- Date**: A text field.
- External Reference No**: A text field.
- Name**: A text field.
- Address**: A text field.
- Form**: A dropdown menu with 'ADV' selected.
- Copies**: A text field with '1' entered.
- Hold**: A toggle switch.
- Test Word Required**: A toggle switch.
- Contract Reference**: A text field with 'TAGS' entered and a search icon.
- Import File**: A text field with a search icon.
- Import**: A button.
- Server**: A radio button.
- Message**: A text area for entering the message details.
- Fields**: A button.
- Audit**: A button.
- Exit**: A button.

2. On **Message** tab, specify the details.

Table 8-2 Message Tab - Field Description

| Field | Description |
|----------------|---|
| Message | Enter the details of a Free Format Message either by using the format editor on the screen or by importing the format from an ASCII file. This can be located either on the server or the client. |

Maintain Free Format Message - SWIFT Message Details Tab

This topic provides systematic instructions to view SWIFT message details.

1. On **Treasury Free Format Message Maintenance** screen, click the **SWIFT Message Details** tab.

SWIFT Message Details tab displays.

Figure 8-3 Treasury Free Format Message Maintenance - SWIFT Message Details

The screenshot displays the 'Treasury Free Format Message Maintenance' application window. The interface includes a top navigation bar with 'New' and 'Enter Query' buttons. The main form is divided into several sections:

- Document Information:** Fields for Document Number, Module (set to 'MM'), Customer, Media, Location, Node, Date, and External Reference No.
- Name and Address:** Fields for Name and Address.
- Form and Copies:** Fields for Form (set to 'ADV') and Copies (set to '1').
- Hold and Test Word Required:** Toggle switches for 'Hold' and 'Test Word Required'.
- Contract Reference:** A search field for Contract Reference and a 'TAGS' section.
- Import File:** A button for 'Import File' and an 'Import' button with a 'Server' radio button.
- Message Tabs:** Three tabs are visible: 'Message', 'SWIFT Message Details' (which is the active tab), and 'Free Format Text'.
- SWIFT Message Details Section:** This section contains a list of fields for specifying message details, including:
 - SWIFT Message Type (set to '199')
 - :20: (with a dropdown arrow)
 - :21: (with a dropdown arrow)
 - :88D: (with a dropdown arrow)
 - 2 (with a dropdown arrow)
 - 3 (with a dropdown arrow)
 - 4 (with a dropdown arrow)

2. On **SWIFT Message Details** tab, specify the details.

Table 8-3 SWIFT Message Details Tab - Field Description

| Field | Description |
|--------------------|---|
| SWIFT Message Type | Select the type of SWIFT message. <ul style="list-style-type: none">• 199• 299• 399• 499• 599• 699• 799• 899• 999• 649 Enter the SWIFT messages by clicking the Text icon. |

Maintain Free Format Message - Free Format Text Tab

This topic provides systematic instructions to maintain free format text.

1. On **Treasury Free Format Message Maintenance** screen, click the **Free Format Text** tab.

Free Format Text tab displays.

Figure 8-4 Treasury Free Format Message Maintenance - Free Format Text

The screenshot displays the 'Treasury Free Format Message Maintenance' application window. At the top, there are tabs for 'New' and 'Enter Query'. The main form is divided into several sections:

- Document Information:** Fields for Document Number, Module (set to 'MM'), Customer, Media, Location, Node, Date, and External Reference No.
- Message Details:** Fields for Name, Address, Form (set to 'ADV'), Copies (set to '1'), Hold (checkbox), and Test Word Required (checkbox).
- Contract Reference:** A field with a search icon and a 'TAGS' field with a search icon.
- Import File:** A field with a search icon and a button labeled 'Import'.
- Server Selection:** A radio button labeled 'Server'.
- Message List:** A table with columns for 'Message' and 'SWIFT Message Details'. The table contains 15 rows of data, each with a search icon.
- Free Format Text:** A section with a tab labeled 'Free Format Text' and a button labeled '1 Of 1'.

- On **Free Format Text** tab, specify the details.

To enter a format using the format editor, click the free format text icon positioned next to the text of the message. In the notepad, the user can tailor an advice to suit the requirements. Keywords to format the advice (similar to the **Advice Format Maintenance** screen) can be used here too to get the desired format. The following table contains a comprehensive list of the keywords that can be used in the format editor.

Table 8-4 Keywords

| Keyword | Significance |
|----------|---|
| #NL | Indicates the number of lines that should be contained in a page when the message is printed |
| #NC | Indicates the number of columns that should be contained in a page when the message is printed |
| #RH | Indicates the start of the Report Header section |
| #PH | Indicates the beginning of the Header for a page |
| #EH | Indicates both the end of the Header section of the report or the end of Header section of a page |
| #RF | Indicates the start of the Report Footer section |
| #PF | Indicates the start of the Footer of a page |
| #EF | Indicates both the end of the Footer of a report or page |
| #B | Indicates the start of the body of the message |
| #EB | Indicates the end of the body of the message |
| #CL | Indicates that you can collapse a line |
| #EC | Indicates the end of a line that you have collapsed |
| #LOOP | Indicates the beginning of a loop |
| #ENDLOOP | Indicates the end of a loop |
| #IF | Indicates a Conditional section |
| #ANDIF | Indicates a Conditional section |
| #ORIF | Indicates a Conditional section |
| #ENDIF | Indicates the end of a Conditional section |

A Free Format Message will be sent depending on the specifications in the **Jobs Browser** screen.

- If the background process is running, a free format text that is defined will be immediately sent on saving the record.
 - If the background process is not running, the Free Format Message that is defined will be displayed in the Outgoing Message browser from where can be processed.
3. After specifying the mandatory entries, save the record.

A free format record that is defined should be authorized by a user bearing a different login Id, before the End of Day (EOD) process is run.

4. Click the **Exit** button to end the transaction.

9

Process Query

In the Outgoing or Incoming Message Browser, all the messages that were transmitted from and received at the branch are displayed. This may amount to hundreds of messages. To avoid wading through this mass of data, perform a query to obtain information that is relevant at a particular time. For example, The Advanced Search function makes possible to obtain information on the messages that were sent to just two customers on a specific date or to see all outgoing messages across modules sent during a specific period etc.

- [Launch Advanced Search Screen](#)
This topic provides the systematic instructions to load advanced search screen.
- [Make Query based on more than one Criterion](#)
This topic provides the systematic instructions to make query based on more than one criterion.
- [Select Same Criterion to Apply One or More Conditions](#)
This topic provides the systematic instructions to select same criterion to apply one or more conditions.
- [Order Details of Query](#)
This topic provides the systematic instructions to order details of query.
- [Using Wildcards to make Query](#)

9.1 Launch Advanced Search Screen

This topic provides the systematic instructions to load advanced search screen.

1. Click **Advanced Search** either from the Outgoing or Incoming Browser.
The **Advanced Search** screen is displayed:

Figure 9-1 Advanced Search

Advanced Search

Case Sensitive

Branch

Document Number

Reference Number

Module

Message Type

Sub Message Type

Receiver

Media

SWIFT Message Type

Swift MX Type

SWIFT Sub Message Type

Node

Priority

Name

Address

Address 2

Address 3

Query

And

Or

(

)

Accept

Query

☐ Fields

Operator

Value

No data to display.

Clear Query

Order By

Order By

Ascending

Accept

Query

☐ Fields

Value

No data to display.

Clear Query

Message Status

Testword

Exception

Running Number

Hold/Release Status

Test Amount

Test Date

Test Currency

Test Word Narrative

Acknowledgement Status

Hold Mail

External Reference

RTGS Network

Entry By

Maker Date Stamp

Authorized By

Checker Date Stamp

Authorization Status

Once Authorized

Modification Number

DCN List

Bulk

Selected

Testing Status

Any or Original

Original DCN

Delivered Status

From Date

To Date

The Query screen will display all the fields that appear in the messaging module. These fields form the criteria based on which you can make a query.

2. On the **Advanced Summary** screen, click **Clear Query** button, not wish to carry the query and you can proceed to make a new query.

9.2 Make Query based on more than one Criterion

This topic provides the systematic instructions to make query based on more than one criterion.

Suppose you want to obtain information based on more than one criterion. For example, you may want to view the details of all the guarantees generated for the Letters of Credit module from your branch located at London.

The procedure to make such a query involves the following steps:

Table 9-1 Actions

| Action | Button |
|---------------|-------------------|
| Accept | The Accept button |
| And | The And button |

1. Select **Module** under **Fields**, and then from the Operator drop-down list choose Equal To and LC under Value. Then click the **Accept** button.
2. Click the **And** button. Repeat step one with the criteria value, as Message type, select Guarantee under value clicking accept and add buttons in the sequence described for the first criterion.
3. Click the **And** button. Repeat step one with the criteria value, as Branch select London under Value clicking accept and add buttons in the sequence described for the first criterion.
4. The query that you have made will be displayed in the Query screen. Check it for correctness and click 'Ok' button.

The **Outgoing Message Browser** will display details of all the Guarantees generated for the LC module from your branch at London.

9.3 Select Same Criterion to Apply One or More Conditions

This topic provides the systematic instructions to select same criterion to apply one or more conditions.

Now, you may want to make a query to see the debit advices (in the Letters of Credit module) that were generated from the London branch involving three different customers (Wendy Klien, Silas Reed and Keturah Smith).

This involves specifying a customer code one by one all of which come under the same criterion module -- LC (listed out under Fields) and indicating a message type for which you want details. This is where the 'Or' button on the query screen comes into play. You can choose to use the keyboard to key in the query or you can follow the following procedure to make a query.

1. Select Module under Fields, and then from the Operator drop-down list choose Equal To and LC under Value. Then click the **'Accept'** button.

2. Click the **And** button. Repeat step one with criteria Field as "**Branch**", Operator being "Equal To" and "London" under Value. Click the '**Accept**' and '**Add**' buttons in the sequence described in Step 1.
3. Click the **And** button. Repeat step one for Field with the criteria value, as Message Type. Then select **Debit Message** under Value clicking the '**Accept**' and '**Add**' buttons in the sequence described for the first criterion.
4. To cull out details of the debit advices involving these three customers, click the **And** button. Repeat Step 1 with the 'Field' as 'Name'. Select say Ms. Keturah Smith under Value. Then click the accept button.

To select another customer, click the Or button and then click Name in the Fields list, specify the Operator as Equal To and pick out the customer name Mr. Silas Reed from the Value option list then click the **Accept** button.

Repeat the process for the third customer, Ms. Wendy Klien.

5. The query that you have made is displayed on the Query screen.

MODULE = LC AND BRANCH = LONDON AND MSG_TYPE = DR_ADV AND NAME = SILAS REED OR NAME = KETURAH SMITH OR NAME = WENDY KLIEN

Check it for correctness and click '**Ok**' button to see the query through. The Outgoing Message Browser will display details of all the debit advices generated for the LC module from your branch at London to the three customers that you specified.

9.4 Order Details of Query

This topic provides the systematic instructions to order details of query.

Oracle Banking Trade Finance also provides you the option to order the information that you have made a query on.

1. On '**Advanced Search**' screen, specify the ordered information.
It should be arranged in ascending or descending order.

Figure 9-2 Advanced Search

Advanced Search

Case Sensitive

Branch

Document Number

Reference Number

Module

Message Type

Sub Message Type

Receiver

Media

SWIFT Message Type

Swift MX Type

SWIFT Sub Message Type

Node

Priority

Name

Address

Address 2

Address 3

Query

And

Or

(

)

Accept

Query

☐ Fields

Operator

Value

No data to display.

Clear Query

Order By

Order By

Ascending

Accept

Query

☐ Fields

Value

No data to display.

Clear Query

Message Status

Testword

Exception

Running Number

Hold/Release Status

Test Amount

Test Date

Test Currency

Test Word Narrative

Acknowledgement Status

Hold Mail

External Reference

RTGS Network

Entry By

Maker Date Stamp

Authorized By

Checker Date Stamp

Authorization Status

Once Authorized

Modification Number

DCN List

Bulk

Selected

Testling Status

Any or Original

Original DCN

Delivered Status

From Date

To Date

Suppose you have made a query to obtain details of the debit messages that were generated by the Data Entry module of Oracle Banking Trade Finance, and you wish to order the information in the ascending order of the customer to whom the message was sent.

Make the query following the procedure detailed under the head making a Query after you have specified the entire criterion for the query, select the required ordering option from the Order By drop-down list. The list contains the following options:

- Ascending
 - Descending
2. Click the option of your choice, say, Descending.
 3. Click the '**Accept**' button and click '**Ok**'.

The details of the query that you have made will be displayed on the Outgoing Browser ordered on the basis of the customer to whom the message was sent. The details will further be sorted in the alphabetic order.

4. Click '**Clear Query**' button.

If you decide to cancel the ordering you have specified. The screen clears and you can specify a new order.

9.5 Using Wildcards to make Query

You need not always specify the criteria for a query. You can use wild cards such as:

Table 9-2 Wildcards

| Wild Card | Description | Implication |
|-----------|-------------|--|
| - | Underscore | To match a single character |
| % | Percent | To match any string of multiple characters |

Using %

For instance, if you have to check the messages relating to one particular Loans product LD01, you can query for records with Reference Number like '%LD01%' since all the contract reference numbers with that product will invariably contain that string.

Once you click the **Accept** button and make a query, the **Outgoing Message Browser** screen displays all the Free Format Texts.

Using And

When you are searching for strings of specific length which vary in only one character – for instance, all branches like 001, 002, 003 – can be represented as 00_. Searching for 00_ will fetch all the messages for all these three branches.

Process SWIFT Messages

This topic provides an overview of the SWIFT messages.

SWIFT is the **Society for Worldwide Interbank Financial Telecommunication**, a member-owned cooperative through which the financial world conducts its business operations with speed, certainty, and confidence. SWIFT enables customers to automate and standardize financial transactions, thereby lowering costs, reducing operational risk, and eliminating inefficiencies from their operations.

SWIFT is solely a carrier of messages. It does not hold funds nor does it manage accounts on behalf of customers, nor does it store financial information on an on-going basis. As a data carrier, SWIFT transports messages between two financial institutions. This activity involves the secure exchange of proprietary data while ensuring its confidentiality and integrity.

There are four key areas that SWIFT services fall under within the financial marketplace. They are **Securities, Treasury and Derivatives, Trade Services, and Payments and Cash Management**.

SWIFT messages consist of five blocks of data including three headers, message content, and a trailer. They are identified in a consistent manner. They all start with the literal **MT** which denotes Message Type. This is followed by a 3-digit number that denotes the message type, category, and group. The following are the categories of a message:

Table 10-1 Message Category

| Category | Description |
|------------|--|
| Category 1 | Customer Payments and Cheques |
| Category 2 | Financial Institution Transfers |
| Category 3 | Treasury Markets - Foreign Exchange, Money Markets and Derivatives |
| Category 4 | Collections and Cash Letters |
| Category 5 | Securities Markets |
| Category 6 | Treasury Markets - Metals |
| Category 7 | Documentary Credits and Guarantees |
| Category 8 | Travellers Cheques |
| Category 9 | Cash Management and Customer Status |
| Category n | Common Group Messages |

Oracle FLEXCUBE Universal Banking interfaces with an external payment system for the generation of Category 1 and Category 2.

The following SWIFT message types are generated for the various transfers that are initiated through the Oracle FLEXCUBE Universal Banking.

- [Treasury Markets - Foreign Exchange, Money Markets and Derivatives](#)
This topic describes the Swift messages for Foreign Exchange, Money Market, and Derivatives modules.
- [CoSecurities Markets](#)

10.1 Treasury Markets - Foreign Exchange, Money Markets and Derivatives

This topic describes the Swift messages for Foreign Exchange, Money Market, and Derivatives modules.

This topic has the following sub-topics:

- <Insert a cross-reference to the first child topic.>
- <Insert a cross-reference to the second child topic.>
- [MT 300 Foreign Exchange Confirmation](#)
This topic describes the MT 300 Foreign Exchange Confirmation messages.
- [MT 304 Advice/Instruction of a Third Party Deal](#)
This topic describes the MT 304 Advice/Instruction of a Third Party Deal.
- [MT 305 Foreign Currency Option Confirmations](#)
This topic describes the MT 305 Foreign Currency Option Confirmations.
- [MT 306 Foreign Currency Option Confirmation](#)
This topic describes the MT 306 Foreign Currency Option Confirmation.
- [MT 320 Fixed Loan/Deposit Confirmation](#)
This topic describes the MT 320 Fixed Loan/Deposit Confirmation messages.
- [MT 330 Call/Notice Loan/Deposit Confirmation](#)
This topic describes the MT 330 Call/Notice Loan/Deposit Confirmation.
- [MT 340 Forward Rate Agreement Confirmation](#)
This topic describes the MT 340 Forward Rate Agreement Confirmation.
- [MT 341 Forward Rate Agreement Settlement Confirmation](#)
This topic describes the MT 341 Forward Rate Agreement Settlement Confirmation.
- [MT 350 Advice of Loan/Deposit Interest Payment](#)
This topic describes the MT 350 Advice of Loan/Deposit Interest Payment
- [MT 360 Single Currency Interest Rate Derivative Confirmation](#)
This topic describes the MT 360 Single Currency Interest Rate Derivative Confirmation.
- [MT 361 Cross Currency Interest Rate Swap Confirmation](#)
This topic describes the MT 361 Cross Currency Interest Rate Swap Confirmation.
- [MT 362 Interest Rate Reset/Advice of Payment](#)
This topic describes the MT 362 Interest Rate Reset/ Advice of payment.
- [MT 364 Single Currency Interest Rate Derivative Termination/ Recouping Confirmation](#)
This topic describes the MT 364 single currency interest rate derivative termination/ recouping confirmation.
- [MT 365 Cross Currency Interest Rate Swap Termination/Recouping Confirmation](#)
This topic describes the MT 365 Cross Currency Interest Rate Swap Termination/ Recouping Confirmation.

10.1.1 MT 300 Foreign Exchange Confirmation

This topic describes the MT 300 Foreign Exchange Confirmation messages.

This message is exchanged by or on behalf of the institutions or corporate, party A and party B, which have agreed to a foreign exchange contract. This message may also be sent by a money broker to the two parties (party A and party B) for which the broker arranged the deal. This message is also used when one of the trading parties is a fund manager as the fund manager has to specify the fund for which he is dealing.

The MT 300 is used to:

- confirm the details of a new contract between the parties
- confirm an exercised foreign currency option
- confirm the details of an amendment to a previously sent confirmation
- cancel a previously sent confirmation.

Maximum Length: 10000

Table 10-2 Format Specifications: Mandatory Sequence A General Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|------------------------------|-----------------|--------------------|
| Field Tag | Field Name | Format | Mandatory/Optional |
| 15A | New Sequence | Empty field | M |
| 20 | Sender's Reference | 16x | M |
| 21 | Related Reference | 16x | O |
| 22A | Type of Operation | 4!c | M |
| 94A | Scope of Operation | 4!c | O |
| 22C | Common Reference | 4!a2!c4!n4!a2!c | M |
| 17T | Block Trade Indicator | 1!a | O |
| 17U | Split Settlement Indicator | 1!a | O |
| 82a | Party A | A or J | M |
| 87a | Party B | A or J | M |
| 83a | Fund or Beneficiary Customer | A or J | O |
| 77D | Terms and Conditions | 6*35x | O |

The system does not support the use of NDF codes (/VALD/, /SETC/, /FIX/) in the field 77D of MT 300 in Sequence A.

Table 10-3 Mandatory Sequence B Transaction Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-----------------|-------------|--------------------|
| 15B | New Sequence | Empty field | M |
| 30T | Trade Date | 8!n | M |
| 30V | Settlement Date | 8!n | M |
| 36 | Exchange Rate | 12d | M |

Table 10-4 Mandatory Subsequence B1 Amount Bought

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|------------------|--------|--------------------|
| 32B | Currency, Amount | 3!a15d | M |
| 53a | Delivery Agent | A or J | O |

Table 10-4 (Cont.) Mandatory Subsequence B1 Amount Bought

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-----------------|--------|--------------------|
| 56a | Intermediary | A or J | O |
| 57a | Receiving Agent | A or J | M |

Table 10-5 Mandatory Sub-sequence B2 Amount Sold

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------|--------|--------------------|
| 33B | Currency, Amount | 3!a15d | M |
| 53a | Delivery Agent | A or J | O |
| 56a | Intermediary | A or J | O |
| 57a | Receiving Agent | A or J | M |
| 58a | Beneficiary Institution | A or J | O |

Table 10-6 Optional Sequence C Optional General Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------|---------------|--------------------|
| 15C | New Sequence | Empty field | M |
| 29A | Contact Information | 4*35x | O |
| 24D | Dealing Method | 4!c[/35x] | O |
| 84a | Dealing Branch Party A | A, B, D, or J | O |
| 85a | Dealing Branch Party B | A, B, D, or J | O |
| 88a | Broker Identification | A, D, or J | O |
| 71F | Broker's Commission | 3!a15d | O |
| 26H | Counterparty's Reference | 16x | O |
| 21G | Broker's Reference | 16x | O |
| 72 | Sender to Receiver Information | 6*35x | O |

Table 10-7 Optional Sequence D Split Settlement Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------|-------------|--------------------|
| 15D | New Sequence | Empty field | M |
| 17A | Buy (Sell) Indicator | 1!a | M |
| 32B | Currency, Amount | 3!a15d | M |
| 53a | Delivery Agent | A, D, or J | O |
| 56a | Intermediary | A, D, or J | O |
| 57a | Receiving Agent | A, D, or J | M |
| 58a | Beneficiary Institution | A, D, or J | O |
| 16A | Number of Settlements | 5n | M |

Note

In option J, Party Identification must be specified as a list of pairs (Code)(Value). The codes must be placed between slashes ('/').

10.1.2 MT 304 Advice/Instruction of a Third Party Deal

This topic describes the MT 304 Advice/Instruction of a Third Party Deal.

This message is sent by a fund manager to a custodian bank as an advice of/instruction to settle a third party foreign exchange deal. The definition of third party must be agreed up front between the fund manager and the custodian relative to deals executed by the custodians' treasury area on behalf of the fund manager. It is used to:

- provide details about a new deal
- provide a settlement notification
- amend a previously sent message
- cancel a previously sent message

This message may also be sent to the member of a centralised settlement system or directly to the centralised settlement system.

Table 10-8 Format Specifications: Mandatory Sequence A General Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|---|-----------------|--------------------|
| 15A | New Sequence | Empty field | M |
| 20 | Sender's Reference | 16x | M |
| 21 | Related Reference | 16x | O |
| 22A | Type of Operation | 4!c | M |
| 94A | Scope of Operation | 4!c | M |
| 17O | Open Indicator | 1!a | O |
| 17F | Final Close Indicator | 1!a | O |
| 17N | Net Settlement Indicator | 1!a | O |
| 83a | Fund | A or J | M |
| 82a | Fund Manager | A or J | M |
| 87a | Executing Broker | A or J | M |
| 81a | Central Counterparty Clearing House (CCP) | A, D, or J | O |
| 89a | Clearing Broker | A, D, or J | O |
| 17I | Payment versus Payment Settlement Indicator | 1!a | O |
| 77H | Type, Date, Version of the Agreement | 6a[/8!n][[/4!n] | O |
| 14C | Year of Definitions | 4!n | O |
| 32E | Settlement Currency | 3!a | O |
| 30U | Valuation Date | 8!n | O |
| 14S | Settlement Rate Source | 3!a2n[/4!n/4!c] | O |
| 21A | Reference to Opening Instruction | 16x | O |

Table 10-8 (Cont.) Format Specifications: Mandatory Sequence A General Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------|--------|--------------------|
| 14E | Clearing or Settlement Session | 35x | O |

Table 10-9 Mandatory Sequence B Forex Transaction Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------|-------------|--------------------|
| 15B | New Sequence | Empty field | M |
| 30T | Trade Date | 8!n | M |
| 30V | Settlement Date | 8!n | M |
| 36 | Exchange Rate | 12d | M |
| 39M | Payment Clearing Centre | 2!a | O |

Table 10-10 Mandatory Sub-sequence B1 Amount Bought

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------|--------|--------------------|
| 32B | Currency, Amount Bought | 3!a15d | M |
| 53a | Delivery Agent | A or J | M |
| 56a | Intermediary | A or J | O |
| 57a | Receiving Agent | A or J | O |

Table 10-11 Mandatory Subsequence B2 Amount Sold

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------|--------|--------------------|
| Field Tag | Field Name | Format | Mandatory/Optional |
| 33B | Currency, Amount Sold | 3!a15d | M |
| 53a | Delivery Agent | A or J | O |
| 56a | Intermediary | A or J | O |
| 57a | Receiving Agent | A or J | M |
| 58a | Beneficiary Institution | A or J | O |

Table 10-12 Optional Sequence C Optional General Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--|------------------------|--------------------|
| 15C | New Sequence | Empty field | M |
| 21A | Reference to the Associated Trade | 16x | O |
| 21G | Executing Broker's Reference | 16x | O |
| 22U | Underlying Product Identifier | 6a | O |
| 35B | Identification of Financial Instrument | [ISIN1!e12!c] 4*35x | O |

Table 10-12 (Cont.) Optional Sequence C Optional General Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------|--------------------------|--------------------|
| 22V | Execution Venue | 35x | O |
| 98D | Execution Timestamp | 8!n6!n[,3n]/[N]2!n[2!n]] | O |
| 98G | Confirmation Timestamp | 8!n6!n[,3n]/[N]2!n[2!n]] | O |
| 98H | Clearing Timestamp | 6!n[,3n]/[N]2!n[2!n]] | O |
| 29A | Contact Information | 4*35x | O |
| 34C | Commission and Fees | 4!c/[N]3!a15d | O |
| 72 | Sender to Receiver Information | 6*35x | O |

Table 10-13 Optional Repetitive Subsequence C1 Unique Transaction Identifier

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|---------------------------|--------|--------------------|
| 22L | Reporting Jurisdiction | 35x | M |
| 22M | UTI Namespace/Issuer Code | 30x | M |
| 22N | Transaction Identifier | 32x | M |

Table 10-14 Optional Repetitive Sub-sequence C1a Prior Unique Transaction Identifier

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|------------------------------|--------|--------------------|
| 22P | PUTI Namespace/Issuer Code | 30x | M |
| 22R | Prior Transaction Identifier | 32x | M |

Table 10-15 Optional Sequence D Accounting Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|---|-------------|--------------------|
| 15D | New Sequence | Empty field | M |
| 21P | Reference to Previous Deals | 16x | O |
| 17G | Gain (Loss) Indicator | 1!a | O |
| 32G | Currency, Amount | 3!a15d | O |
| 34B | Commission and Fees - Currency and Amount | 3!a15d | O |
| 30F | Commission and Fees - Settlement Date | 8!n | O |

Table 10-16 Optional Sequence E Net Amount to be Settled

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-----------------------|-------------|--------------------|
| 15E | New Sequence | Empty field | M |
| 17G | Gain (Loss) Indicator | 1!a | M |
| 32G | Currency, Amount | 3!a15d | M |

Table 10-16 (Cont.) Optional Sequence E Net Amount to be Settled

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------|------------|--------------------|
| 53a | Delivery Agent | A, D, or J | O |
| 56a | Intermediary | A, D, or J | O |
| 57a | Receiving Agent | A, D, or J | O |
| 58a | Beneficiary Institution | A, D, or J | O |

Note

In option J, Party Identification must be specified as a list of pairs (Code)(Value). The codes must be placed between slashes ('/').

10.1.3 MT 305 Foreign Currency Option Confirmations

This topic describes the MT 305 Foreign Currency Option Confirmations.

This message type is exchanged between the financial institutions which have agreed to a foreign currency option contract. It is used to confirm the details of:

- a new contract between the parties
- an amendment to a previously agreed contract
- the cancellation of a confirmation
- the surrender of an option by the buyer (holder) to the seller (grantor) for compensation.

Maximum Length: 2000

Table 10-17 Format Specifications

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|------------------------------|--------------------|--------------------|
| 15A | New Sequence | | M |
| 20 | Transaction Reference Number | 16x | M |
| 21 | Related Reference | 16x | M |
| 22 | Code/Common Reference | 8a/4!a2!c4!n4!a2!c | M |
| 23 | Further Identification | 16x | M |
| 94A | Scope of Operation | 4!c | O |
| 82a | Party A | A, , or J | M |
| 87a | Party B | A, , or J | M |
| 83a | Fund or Beneficiary Customer | A,, or J | O |
| 30 | Date Contract Agreed/Amended | 6!n | M |
| 31C | Earliest Exercise Date | 6!n | O |
| 31G | Expiry Details | 6!n/4!n/12a | M |
| 31E | Final Settlement Date | 6!n | M |
| 26F | Settlement Type | 9a | M |

Table 10-17 (Cont.) Format Specifications

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------|------------|--------------------|
| 32B | Underlying Currency and Amount | 3!a15d | M |
| 36 | Strike Price | 12d | M |
| 33B | Counter Currency and Amount | 3!a15d | M |
| 37K | Premium Price | 3!a12d | M |
| 34a | Premium Payment | P or R | M |
| 53a | Sender's Correspondent | A, B, or D | O |
| 56a | Intermediary | A or D | O |
| 57a | Account With Institution | A or D | M |
| 77D | Terms and Conditions | 6*35x | O |
| 72 | Sender to Receiver Information | 6*35x | O |

10.1.4 MT 306 Foreign Currency Option Confirmation

This topic describes the MT 306 Foreign Currency Option Confirmation.

This message is exchanged to confirm a foreign currency option contract, by or on behalf of the institutions or corporate, party A and party B, which have agreed to it. A money broker may also send this message to the two parties (party A and party B) for which he arranged the deal. If there are two money brokers involved in arranging a deal between party A and party B, this message can also be exchanged between these money brokers. The message is used to confirm/notify the details of:

- a new contract between the parties
- an amendment to a previously agreed contract
- the cancellation of a confirmation a trigger event: knock-in/knock-out of an option, hitting of a trigger level
- the close out of an option

Maximum Length: 10000

Table 10-18 Format Specifications: Mandatory Sequence A General Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------|-----------------|--------------------|
| 12G | Option Type | 4!c | O |
| 15A | New Sequence | Empty field | M |
| 20 | Sender's Reference | 16x | M |
| 21 | Related Reference | 16x | O |
| 22A | Type of Operation | 4!c | M |
| 94A | Scope of Operation | 4!c | O |
| 22C | Common Reference | 4!a2!c4!n4!a2!c | M |
| 21N | Contract Number Party A | 16x | M |

Table 10-18 (Cont.) Format Specifications: Mandatory Sequence A General Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------------|-----------------|--------------------|
| 21B | Contract Number Party B | 16x | O |
| 12F | Option Style | 4!c | M |
| 12E | Expiration Style | 4!c | M |
| 17A | Barrier Indicator | 1!a | M |
| 17F | Non-Deliverable Indicator | 1!a | M |
| 22K | Type of Event | 4!c[/35x] | M |
| 30U | Date of Trigger Hit | 8!n | O |
| 29H | Location of Trigger Hit | 4!c | O |
| 82a | Party A | A, , or J | M |
| 87a | Party B | A, or J | M |
| 83a | Fund or Beneficiary Customer | A, , or J | O |
| 77H | Type, Date, Version of the Agreement | 6a[/8!n][//4!n] | M |
| 77D | Additional Conditions | 6*35x | O |
| 14C | Year of Definitions | 4!n | O |

Table 10-19 Mandatory Sequence B Transaction Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|------------------------------|-------------|--------------------|
| 15B | New Sequence | Empty field | M |
| 17V | Buy (Sell) Indicator | 1!a | M |
| 30T | Trade Date | 8!n | M |
| 30X | Expiration Date | 8!n | M |
| 29E | Expiration Location and Time | 4!c/4!n | M |
| 30a | Final Settlement Date | F or J | M |

Table 10-20 Optional Sub-sequence B1 Premium Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-----------------------------|--------|--------------------|
| 37K | Premium Price | 3!a12d | O |
| 30V | Premium Payment Date | 8!n | M |
| 34B | Premium Currency and Amount | 3!a15d | M |

Table 10-21 Optional Sub-sequence B2 Calculation Agent

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------|---------------|--------------------|
| 84a | Calculation Agent | A, B, D, or J | O |

Table 10-22 Optional Sequence C Settlement Instructions for Payment of Premium

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------|-------------|--------------------|
| 15C | New Sequence | Empty field | M |
| 53a | Delivery Agent | A, , or J | O |
| 86a | Intermediary 2 | A, , or J | O |
| 56a | Intermediary | A, , or J | O |
| 57a | Receiving Agent | A, , or J | M |
| 58a | Beneficiary Institution | A, , or J | O |

Table 10-23 Optional Sequence D Vanilla Block

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|----------------------------|-------------|--------------------|
| 15D | New Sequence | Empty field | M |
| 30P | Earliest Exercise Date | 8!n | O |
| 30Q | Intermediate Exercise Date | 8!n | O |
| 26F | Settlement Type | 9a | M |
| 32B | Put Currency and Amount | 3!a15d | M |
| 36 | Strike Price | 12d | M |
| 33B | Call Currency and Amount | 3!a15d | M |

Table 10-24 Optional Sequence E Payout Amount

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------|-------------|--------------------|
| 15E | New Sequence | Empty field | M |
| 33E | Currency, Amount | 3!a15d | M |
| 30H | Touch Payment Date | 8!n | O |
| 53a | Delivery Agent | A, or J | O |
| 86a | Intermediary 2 | A, or J | O |
| 56a | Intermediary | A, or J | O |
| 57a | Receiving Agent | A, or J | M |
| 58a | Beneficiary Institution | A, or J | O |

Table 10-25 Optional Sequence F Barrier Block

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|---------------------|-------------|--------------------|
| 15F | New Sequence | Empty field | M |
| 22G | Type of Barrier | 4!c | M |
| 37J | Barrier Level | 12d | M |
| 37L | Lower Barrier Level | 12d | O |
| 14M | Barrier Time Type | 4!c | M |

Table 10-26 Optional Sub-sequence F1 Barrier Window Block

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--|-----------|--------------------|
| 30G | Barrier Window Start Date and End Date | 8!n/8!n | M |
| 29J | Location and Time for Start Date | 4!c[/4!n] | M |
| 29K | Location and Time for End Date | 4!c/4!n | M |

Table 10-27 Optional Sequence G Trigger Block

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|---------------------|-------------|--------------------|
| 15G | New Sequence | Empty field | M |
| 22J | Type of Trigger | 4!c | M |
| 37U | Trigger Level | 12d | M |
| 37P | Lower Trigger Level | 12d | O |
| 32Q | Currency Pair | 3!a/3!a | M |

Table 10-28 Optional Sequence H Non Deliverable Option Block

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|---|-------------|--------------------|
| 15H | New Sequence | Empty field | M |
| 14S | Settlement Rate Source, Settlement Rate Location, Settlement Rate Time (HHMM) | 3!a2!n | M |
| 32E | Settlement Currency | 3!a | M |

Table 10-29 Optional Sequence I Additional Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------|-------------|--------------------|
| 15I | New Sequence | Empty field | M |
| 29A | Contact Information | 4*35x | O |
| 24D | Dealing Method | 4!c[/35x] | O |
| 88a | Broker Identification | A or D | O |
| 71F | Broker's Commission | 3!a15d | O |
| 21G | Broker's Reference | 16x | O |
| 72 | Sender to Receiver Information | 6*35x | O |

Table 10-30 Optional Sequence L Additional Amounts

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-----------------------|-------------|--------------------|
| 15J | New Sequence | Empty field | M |
| 18A | Number of Repetitions | 5n | M |
| 30F | Payment Date | 8!n | M |

Table 10-30 (Cont.) Optional Sequence L Additional Amounts

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------|-----------|--------------------|
| 32H | Currency, Payment Amount | [N]3!a15d | M |
| 53a | Delivery Agent | A, or J | O |
| 86a | Intermediary 2 | A, or J | O |
| 56a | Intermediary | A, or J | O |
| 57a | Receiving Agent | A, or J | M |

SWIFT 2023 Message Standards**Table 10-31 Format Specifications: Mandatory Sequence A General Information**

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------------|-----------------|--------------------|
| 15A | New Sequence | Empty field | M |
| 20 | Sender's Reference | 16x | M |
| 21 | Related Reference | 16x | O |
| 22A | Type of Operation | 4!c | M |
| 94A | Scope of Operation | 4!c | O |
| 22C | Common Reference | 4!a2!c4!n4!a2!c | M |
| 21N | Contract Number Party A | 16x | M |
| 21B | Contract Number Party B | 16x | O |
| 12F | Option Style | 4!c | M |
| 12E | Expiration Style | 4!c | O |
| 12D | Option Type | 4!C | O |
| 17A | Barrier Indicator | 1!a | O |
| 17F | Non-Deliverable Indicator | 1!a | M |
| 22K | Type of Event | 4!c[/35x] | M |
| 30U | Date of Barrier Event | 8!n | O |
| 29H | Location of Barrier Event | 4!c | O |
| 82a | Party A | A, or J | M |
| 87a | Party B | A, or J | M |
| 83a | Fund or Beneficiary Customer | A, , or J | O |
| 77H | Type, Date, Version of the Agreement | 6a[/8!n][[/4!n] | M |
| 77D | Additional Conditions | 6*35x | O |
| 14C | Year of Definitions | 4!n | O |

Table 10-32 Mandatory Sequence B Transaction Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------|-------------|--------------------|
| 15B | New Sequence | Empty field | M |

Table 10-32 (Cont.) Mandatory Sequence B Transaction Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|---|-----------------|--------------------|
| 17V | Buy (Sell) Indicator | 1!a | M |
| 30T | Trade Date | 8!n | M |
| 30X | Expiration or Valuation Date | 8!n | M |
| 29E | Expiration or Valuation Location and Time | 4!c/4!n | M |
| 30a | Final Settlement Date | F or J | M |
| 14S | Settlement Rate Source | 3!a2n[/4!n/4!c] | O |
| 39M | Payment Clearing Centre | 2!a | O |

Table 10-33 Optional Sub-sequence B1 Premium Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-----------------------------|--------|--------------------|
| 37K | Premium Price | 3!a12d | O |
| 30V | Premium Payment Date | 8!n | M |
| 34B | Premium Currency and Amount | 3!a15d | M |

Table 10-34 Optional Sub-sequence B2 Calculation Agent

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------|---------------|--------------------|
| 84a | Calculation Agent | A, B, D, or J | M |

Table 10-35 Optional Sequence C Settlement Instructions for Payment of Premium

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------|-------------|--------------------|
| 15C | New Sequence | Empty field | M |
| 53a | Delivery Agent | A or J | O |
| 86a | Intermediary 2 | A or J | O |
| 56a | Intermediary | A or J | O |
| 57a | Receiving Agent | A or J | M |
| 58a | Beneficiary Institution | A or JI | O |

Table 10-36 Optional Sequence D Vanilla Block

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|----------------------------|-------------|--------------------|
| 15D | New Sequence | Empty field | M |
| 30P | Earliest Exercise Date | 8!n | O |
| 30Q | Intermediate Exercise Date | 8!n | O |
| 26F | Settlement Type | 9a | M |
| 32B | Put Currency and Amount | 3!a15d | M |

Table 10-36 (Cont.) Optional Sequence D Vanilla Block

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------|--------|--------------------|
| 36 | Strike Price | 12d | M |
| 33B | Call Currency and Amount | 3!a15d | M |

Table 10-37 Optional Sequence E Binary Payout Amount

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------|-------------|--------------------|
| 15E | New Sequence | Empty field | M |
| 33E | Currency, Amount | 3!a15d | M |
| 53a | Delivery Agent | A or J | O |
| 86a | Intermediary 2 | A or J | O |
| 56a | Intermediary | A or J | O |
| 57a | Receiving Agent | A or J | M |
| 58a | Beneficiary Institution | A or J | O |

Table 10-38 Optional Sequence F Barrier Block

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--|-----------------|--------------------|
| 15F | New Sequence | Empty field | M |
| 22G | Type of Barrier | 4!c | M |
| 17C | Barrier Event Equal Modifier | 1!a | O |
| 37J | Barrier Level | 12d | M |
| 37L | Lower Barrier Level | 12d | O |
| 14S | Barrier Settlement Rate Source | 3!a2n[/4!n/4!c] | O |
| 29I | Barrier Determination Business Days | 4!c | O |
| 14H | All Barrier Dates Business Day Convention | 4!c | O |
| 14K | Interim Barrier Dates Business Day Convention | 4!c | O |
| 14L | Barrier Event End Date Business Day Convention | 4!c | O |
| 14M | Barrier Time Type | 4!c | M |
| 29O | Continuous Time Period | 4!c/4!n4!n | O |
| 14N | Spot Market | 4!c | O |
| 29J | Barrier Event Determination Time | 4!c/4!n | O |
| 14O | Barrier Event Determination Time Source | 4!c | O |
| 33Z | Rebate Amount | 15d | O |

Table 10-38 (Cont.) Optional Sequence F Barrier Block

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------|---------------|--------------------|
| 30a | Rebate Amount Payment Date | F or J | O |
| 84a | Barrier Determination Agent | A, B, D, or J | O |

Table 10-39 Optional Sub-sequence F1 Barrier Window Block

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|------------------------------|-----------|--------------------|
| 30I | Barrier Monitoring Period | 8!n[/8!n] | M |

Table 10-40 Optional Sequence G Binary Block

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|---------------|-------------|--------------------|
| 15G | New Sequence | Empty field | M |
| 32Q | Currency Pair | 3!a/3!a | M |

Table 10-41 Optional Sequence H Non Deliverable Option Block

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------|-------------|--------------------|
| 15H | New Sequence | Empty field | M |
| 32E | Settlement Currency | 3!a | M |
| 26K | Calculation Agent | 4!c | O |
| 35C | Digital Token Identifier | 9x[/30x] | O |

Table 10-42 Optional Sequence I Early Termination

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------------|---------------|--------------------|
| 15I | New Sequence | Empty field | M |
| 12G | Early Termination Style | 4!c | M |
| 30T | Early Termination Date | 8!n | O |
| 22Y | Frequency of Early Termination | 4!c | O |
| 85a | Exercising Party | A, D, or J | O |
| 88a | Non-Exercising Party | A, D, or J | O |
| 84a | Calculation Agent | A, B, D, or J | M |
| 30Y | Commencement Date | 8!n | O |
| 29L | Expiry Details | 8!n/4!c/4!n | O |
| 29E | Earliest Exercise Time | 4!c/4!n | O |
| 29M | Latest Exercise Time | 4!c/4!n | O |
| 17I | Cash Settlement | 1!a | O |
| 29N | Cash Settlement Valuation Details | 8!n/4!c/4!n | O |

Table 10-42 (Cont.) Optional Sequence I Early Termination

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|------------------------------|-----------------|--------------------|
| 30Z | Cash Settlement Payment Date | 8!n | O |
| 14S | Settlement Rate Source | 3!a2n[/4!n/4!c] | O |

Table 10-43 Optional Sequence L Additional Amounts

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------|-------------|--------------------|
| 15J | New Sequence | Empty field | M |
| 18A | Number of Repetitions | 5n | M |
| 30F | Payment Date | 8!n | M |
| 32H | Currency, Payment Amount | [N]3!a15d | M |
| 53a | Delivery Agent | A or J | O |
| 86a | Intermediary 2 | A or J | O |
| 56a | Intermediary | A or J | O |
| 57a | Receiving Agent | A or J | M |

10.1.5 MT 320 Fixed Loan/Deposit Confirmation

This topic describes the MT 320 Fixed Loan/Deposit Confirmation messages.

This message is exchanged to confirm a fixed term loan/deposit contract, in order to confirm/notify the details of:

- a new contract between the parties
- an amendment to a previously agreed contract
- the cancellation of a confirmation
- a rolled over/renewed contract between the parties the maturity of a contract

This message is exchanged by or on behalf of the institutions or corporate, party A and party B, who have agreed to a fixed term loan/deposit contract. A money broker may also send this message to the two parties (party A and party B) for which he arranged the deal. Maximum Length: 10000

Table 10-44 Format Specifications: Mandatory Sequence A General Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------|-----------------|--------------------|
| 15A | New Sequence | Empty field | M |
| 20 | Sender's Reference | 16x | M |
| 21 | Related Reference | 16x | O |
| 22A | Type of Operation | 4!c | M |
| 94A | Scope of Operation | 4!c | O |
| 22B | Type of Event | 4!c | M |
| 22C | Common Reference | 4!a2!c4!n4!a2!c | M |

Table 10-44 (Cont.) Format Specifications: Mandatory Sequence A General Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|---------------------------|------------|--------------------|
| 21N | Contract Number Party A | 16x | O |
| 82a | Party A | A, D, or J | M |
| 87a | Party B | A, D, or J | M |
| 83a | Fund or Instructing Party | A, D, or J | O |
| 77D | Terms and Conditions | 6*35x | O |

Table 10-45 Mandatory Sequence B Transaction Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|---------------------------------------|-------------|--------------------|
| 15B | New Sequence | Empty field | M |
| 17R | Party A's Role | 1!a | M |
| 30T | Trade Date | 8!n | M |
| 30V | Value Date | 8!n | M |
| 30P | Maturity Date | 8!n | M |
| 32B | Currency and Principal Amount | 3!a15d | M |
| 32H | Amount to be Settled | [N]3!a15d | O |
| 30X | Next Interest Due Date | 8!n | O |
| 34E | Currency and Interest Amount | [N]3!a15d | M |
| 37G | Interest Rate | [N]12d | M |
| 14D | Day Count Fraction | 7x | M |
| 30F | Last Day of the First Interest Period | 8!n | O |
| 38J | Number of Days | 1!a3!n | O |

Table 10-46 Mandatory Sequence C Settlement Instructions for Amounts Payable by Party A

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------|-------------|--------------------|
| 15C | New Sequence | Empty field | M |
| 53a | Delivery Agent | A, D, or J | O |
| 86a | Intermediary 2 | A, D, or J | O |
| 56a | Intermediary | A, D, or J | O |
| 57a | Receiving Agent | A, D, or J | M |
| 58a | Beneficiary Institution | A, D, or J | O |

Table 10-47 Mandatory Sequence D Settlement Instructions for Amounts Payable by Party B

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|----------------|-------------|--------------------|
| 15D | New Sequence | Empty field | M |
| 53a | Delivery Agent | A, D, or J | O |

Table 10-47 (Cont.) Mandatory Sequence D Settlement Instructions for Amounts Payable by Party B

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------|------------|--------------------|
| 86a | Intermediary 2 | A, D, or J | O |
| 56a | Intermediary | A, D, or J | O |
| 57a | Receiving Agent | A, D, or J | M |
| 58a | Beneficiary Institution | A, D, or J | O |

Table 10-48 Optional Sequence F Settlement Instructions for Interests Payable by Party B

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------|-------------|--------------------|
| 15F | New Sequence | Empty field | M |
| 53a | Delivery Agent | A, D, or J | O |
| 86a | Intermediary 2 | A, D, or J | O |
| 56a | Intermediary | A, D, or J | O |
| 57a | Receiving Agent | A, D, or J | M |
| 58a | Beneficiary Institution | A, D, or J | O |

Table 10-49 Optional Sequence G Tax Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--|-------------|--------------------|
| 15G | New Sequence | Empty field | M |
| 37L | Tax Rate | 12d | M |
| 33B | Transaction Currency and Net Interest Amount | 3!a15d | M |
| 36 | Exchange Rate | 12d | O |
| 33E | Reporting Currency and Tax Amount | 3!a15d | O |

Table 10-50 Optional Sequence H Additional Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------|---------------|--------------------|
| 15H | New Sequence | Empty field | M |
| 29A | Contact Information | 4*35x | O |
| 24D | Dealing Method | 4!c[/35x] | O |
| 84a | Dealing Branch Party A | A, B, D, or J | O |
| 85a | Dealing Branch Party B | A, B, D, or J | O |
| 88a | Broker Identification | A, D, or J | O |
| 71F | Broker's Commission | 3!a15d | O |
| 26H | Counterparty's Reference | 16x | O |
| 21G | Broker's Reference | 16x | O |
| 72 | Sender to Receiver Information | 6*35x | O |

Table 10-51 Optional Sequence I Additional Amounts

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------|-------------|--------------------|
| 15I | New Sequence | Empty field | M |
| 18A | Number of Repetitions | 5n | M |
| 30F | Payment Date | 8!n | M |
| 32H | Currency, Payment Amount | [N]3!a15d | M |
| 53a | Delivery Agent | A, D, or J | O |
| 86a | Intermediary 2 | A, D, or J | O |
| 56a | Intermediary | A, D, or J | O |
| 57a | Receiving Agent | A, D, or J | M |

10.1.6 MT 330 Call/Notice Loan/Deposit Confirmation

This topic describes the MT 330 Call/Notice Loan/Deposit Confirmation.

This message is exchanged to confirm a call/notice loan/deposit contract. The message is used to confirm/notify the details of:

- a new contract between the parties
- an amendment to a previously agreed contract
- the cancellation of a confirmation
- an increase or decrease in the balance of the account, in an already agreed contract
- a change in the interest rate
- a change in the period of notice the closing of a contract, i.e. final redemption of the loan/deposit balance to zero and all interest paid

This message is sent by or on behalf of the institution or corporate, party A and party B, who have agreed to a call/notice loan/deposit contract. Maximum Length: 10000

Table 10-52 Format Specifications: Mandatory Sequence A General Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|---------------------------|-----------------|--------------------|
| 15A | New Sequence | Empty field | M |
| 20 | Sender's Reference | 16x | M |
| 21 | Related Reference | 16x | O |
| 22A | Type of Operation | 4!c | M |
| 94A | Scope of Operation | 4!c | O |
| 22B | Type of Event | 4!c | M |
| 22C | Common Reference | 4!a2!c4!n4!a2!c | M |
| 21N | Contract Number Party A | 16x | O |
| 82a | Party A | A, D, or J | M |
| 87a | Party B | A, D, or J | M |
| 83a | Fund or Instructing Party | A, D, or J | O |
| 77D | Terms and Conditions | 6*35x | O |

Table 10-53 Mandatory Sequence B Transaction Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------------|-------------|--------------------|
| 15B | New Sequence | Empty field | M |
| 17R | Party A's Role | 1!a | M |
| 30T | Trade Date | 8!n | M |
| 30V | Value Date | 8!n | M |
| 38A | Period of Notice | 3n | M |
| 32B | Currency and Balance | 3!a15d | O |
| 32H | Principal Amount to be Settled | [N]3!a15d | O |
| 30X | Interest Due Date | 8!n | O |
| 34E | Currency and Interest Amount | [N]3!a15d | O |
| 37G | Interest Rate | [N]12d | M |
| 14D | Day Count Fraction | 7x | M |
| 30F | Last Day of the Next Interest Period | 8!n | O |
| 38J | Number of Days | 1!a3!n | O |

Table 10-54 Mandatory Sequence C Settlement Instructions for Amounts Payable by Party A

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------|-------------|--------------------|
| 15C | New Sequence | Empty field | M |
| 53a | Delivery Agent | A, D, or J | O |
| 86a | Intermediary 2 | A, D, or J | O |
| 56a | Intermediary | A, D, or J | O |
| 57a | Receiving Agent | A, D, or J | M |
| 58a | Beneficiary Institution | A, D, or J | O |

Table 10-55 Mandatory Sequence D Settlement Instructions for Amounts Payable by Party B

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------|-------------|--------------------|
| 15D | New Sequence | Empty field | M |
| 53a | Delivery Agent | A, D, or J | O |
| 86a | Intermediary 2 | A, D, or J | O |
| 56a | Intermediary | A, D, or J | O |
| 57a | Receiving Agent | A, D, or J | M |
| 58a | Beneficiary Institution | A, D, or J | O |

Table 10-56 Optional Sequence E Settlement Instructions for Interests Payable by Party A

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------|-------------|--------------------|
| 15E | New Sequence | Empty field | M |

Table 10-56 (Cont.) Optional Sequence E Settlement Instructions for Interests Payable by Party A

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------|------------|--------------------|
| 53a | Delivery Agent | A, D, or J | O |
| 86a | Intermediary 2 | A, D, or J | O |
| 56a | Intermediary | A, D, or J | O |
| 57a | Receiving Agent | A, D, or J | M |
| 58a | Beneficiary Institution | A, D, or J | O |

Table 10-57 Optional Sequence E Settlement Instructions for Interests Payable by Party A

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------|-------------|--------------------|
| 15F | New Sequence | Empty field | M |
| 53a | Delivery Agent | A, D, or J | O |
| 86a | Intermediary 2 | A, D, or J | O |
| 56a | Intermediary | A, D, or J | O |
| 57a | Receiving Agent | A, D, or J | M |
| 58a | Beneficiary Institution | A, D, or J | O |

Table 10-58 Optional Sequence G Tax Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--|-------------|--------------------|
| 15G | New Sequence | Empty field | M |
| 37L | Tax Rate | 12d | M |
| 33B | Transaction Currency and Net Interest Amount | 3!a15d | M |
| 36 | Exchange Rate | 12d | O |
| 33E | Reporting Currency and Tax Amount | 3!a15d | O |

Table 10-59 Optional Sequence H Additional Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------|---------------|--------------------|
| 15H | New Sequence | Empty field | M |
| 29A | Contact Information | 4*35x | O |
| 24D | Dealing Method | 4!c[/35x] | O |
| 84a | Dealing Branch Party A | A, B, D, or J | O |
| 85a | Dealing Branch Party B | A, B, D, or J | O |
| 26H | Counterparty's Reference | 16x | O |
| 72 | Sender to Receiver Information | 6*35x | O |

10.1.7 MT 340 Forward Rate Agreement Confirmation

This topic describes the MT 340 Forward Rate Agreement Confirmation.

This message is exchanged by or on behalf of the institutions or corporates, party A and party B, who have agreed to a forward rate agreement (FRA).

The confirmed transaction is covered by an ISDA (International Swaps and Derivatives Association), Deutscher Rahmenvertrag für Finanztermingeschäfte, FRABBA (British Bankers' Association) or AFB (Association Française de Banques) Master Agreement. These agreements are either signed or under negotiation.

A money broker may also send this message to the two parties (party A and party B) for which he arranged the deal. If there are two money brokers involved in arranging a deal between party A and party B, this message is also exchanged between these money brokers. The message is used to confirm/notify the details of:

- a new contract between the parties
- an amendment to a previously agreed contract
- the cancellation of a confirmation

Maximum Length: 10000

Table 10-60 Format Specifications: Mandatory Sequence A General Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------------|-----------------|--------------------|
| 15A | New Sequence | Empty field | M |
| 20 | Sender's Reference | 16x | M |
| 21 | Related Reference | 16x | O |
| 22A | Type of Operation | 4!c | M |
| 94A | Scope of Operation | 4!c | O |
| 22C | Common Reference | 4!a2!c4!n4!a2!c | M |
| 23D | Type of FRA | 10a | M |
| 21N | Contract Number Party A | 16x | O |
| 21B | Contract Number Party B | 16x | O |
| 82a | Party A | A or D | M |
| 87a | Party B | A or D | M |
| 77H | Type, Date, Version of the Agreement | 6a[8!n][//4!n] | M |
| 14C | Year of Definitions | 4!n | O |

Table 10-61 Mandatory Sequence B Transaction Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|---------------------------|-------------|--------------------|
| 15B | New Sequence | Empty field | M |
| 30T | Trade Date | 8!n | M |
| 32B | Currency, Notional Amount | 3!a15d | M |
| 30F | Effective Date | 8!n | M |

Table 10-61 (Cont.) Mandatory Sequence B Transaction Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|----------------------|--------|--------------------|
| 30P | Termination Date | 8!n | M |
| 37M | Fixed Rate | [N]12d | M |
| 14F | Floating Rate Option | 24x | M |

Table 10-62 Optional Subsequence B1 AFB and FRABBA Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-----------------|--------|--------------------|
| 30V | Fixing Date | 8!n | M |
| 38D | Contract Period | 4n | M |

Table 10-63 Mandatory Subsequence B2 Other Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|----------------------------------|-------------|--------------------|
| 38G | Designated Maturity | 2n1!a/2n1!a | M |
| 14D | Floating Rate Day Count Fraction | 7x | M |
| 17F | FRA Discounting | 1!a | M |
| 18A | Number of Repetitions | 5n | M |
| 22B | Financial Centre | 4!c | M |

Table 10-64 Mandatory Sequence C Settlement Instructions for Settlement Amount Payable by Party B

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------|-------------|--------------------|
| 15C | New Sequence | Empty field | M |
| 53a | Delivery Agent | A, D, or J | O |
| 86a | Intermediary 2 | A, D, or J | O |
| 56a | Intermediary | A, D, or J | O |
| 57a | Receiving Agent | A, D, or J | M |
| 58a | Beneficiary Institution | A, D, or J | O |

Table 10-65 Mandatory Sequence D Settlement Instructions for Settlement Amount Payable by Party A

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------|-------------|--------------------|
| 15D | New Sequence | Empty field | M |
| 53a | Delivery Agent | A, D, or J | O |
| 86a | Intermediary 2 | A, D, or J | O |
| 56a | Intermediary | A, D, or J | O |
| 57a | Receiving Agent | A, D, or J | M |
| 58a | Beneficiary Institution | A, D, or J | O |

Table 10-66 Optional Sequence E Additional Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------|-------------|--------------------|
| 15E | New Sequence | Empty field | M |
| 29A | Contact Information | 4*35x | O |
| 24D | Dealing Method | 4!c[/35x] | O |
| 88a | Broker Identification | A or D | O |
| 71F | Broker's Commission | 3!a15d | O |
| 21G | Broker's Reference | 16x | O |
| 72 | Sender to Receiver Information | 6*35x | O |

Table 10-67 Optional Sequence F Additional Amounts

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------|-------------|--------------------|
| 15F | New Sequence | Empty field | M |
| 18A | Number of Repetitions | 5n | M |
| 30F | Payment Date | 8!n | M |
| 32H | Currency, Payment Amount | [N]3!a15d | M |
| 53a | Delivery Agent | A, D, or J | O |
| 86a | Intermediary 2 | A, D, or J | O |
| 56a | Intermediary | A, D, or J | O |
| 57a | Receiving Agent | A, D, or J | M |

10.1.8 MT 341 Forward Rate Agreement Settlement Confirmation

This topic describes the MT 341 Forward Rate Agreement Settlement Confirmation.

This message is exchanged by or on behalf of the institutions or corporates, party A and party B, who have agreed to a forward rate agreement (FRA). It is used to confirm the settlement details of the forward rate agreement when the settlement rate has been fixed on the fixing date. The message is also used for:

- an amendment to a previously agreed settlement message
- the cancellation of a settlement message

Maximum Length: 10000

Table 10-68 Format Specifications: Mandatory Sequence A General Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------|-----------------|--------------------|
| 15A | New Sequence | Empty field | M |
| 20 | Sender's Reference | 16x | M |
| 21 | Related Reference | 16x | O |
| 22A | Type of Operation | 4!c | M |
| 94A | Scope of Operation | 4!c | O |
| 22C | Common Reference | 4!a2!c4!n4!a2!c | M |

Table 10-68 (Cont.) Format Specifications: Mandatory Sequence A General Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------|--------|--------------------|
| 23D | Type of FRA | 10a | M |
| 21N | Contract Number Party A | 16x | O |
| 21B | Contract Number Party B | 16x | O |
| 82a | Party A | A or D | M |
| 87a | Party B | A or D | M |
| 29A | Contact Information | 4*35x | O |
| 72 | Sender to Receiver Information | 6*35x | O |

Table 10-69 Mandatory Sequence B Transaction Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|---------------------------|-------------|--------------------|
| 15B | New Sequence | Empty field | M |
| 30T | Trade Date | 8!n | M |
| 32B | Currency, Notional Amount | 3!a15d | M |
| 30F | Effective Date | 8!n | M |
| 30P | Termination Date | 8!n | M |
| 37M | Fixed Rate | [N]12d | M |

Table 10-70 Optional Subsequence B1 AFB and FRABBA Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-----------------|--------|--------------------|
| 30V | Fixing Date | 8!n | O |
| 38D | Contract Period | 4n | O |

Table 10-71 Mandatory Sequence C Settlement Instructions for the Settlement Amount

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------|-------------|--------------------|
| 15C | New Sequence | Empty field | M |
| 37R | Settlement Rate | [N]12d | M |
| 34E | Settlement Currency and Amount | [N]3!a15d | M |
| 53a | Delivery Agent | A, D, or J | O |
| 86a | Intermediary 2 | A, D, or J | O |
| 56a | Intermediary | A, D, or J | O |
| 57a | Receiving Agent | A, D, or J | M |
| 58a | Beneficiary Institution | A, D, or J | O |

10.1.9 MT 350 Advice of Loan/Deposit Interest Payment

This topic describes the MT 350 Advice of Loan/Deposit Interest Payment

It is used to inform that an interest amount has been paid to the account of the beneficiary with the receiving agent mentioned in the message. The message may also be used to notify the details of:

- an amendment to a previously sent advice
- the cancellation of an advice

This message is sent by or on behalf of the institution or corporate, party A who has borrowed cash from the institution or corporate, party B.

Maximum Length: 10000

Table 10-72 Format Specifications

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------|-----------------|--------------------|
| 15A | New Sequence | Empty field | M |
| 20 | Sender's Reference | 16x | M |
| 21 | Related Reference | 16x | O |
| 22A | Type of Operation | 4!c | M |
| 94A | Scope of Operation | 4!c | O |
| 22C | Common Reference | 4!a2!c4!n4!a2!c | M |
| 21N | Contract Number Party A | 16x | O |
| 82a | Party A | A, D, or J | M |
| 87a | Party B | A, D, or J | M |
| 83a | Fund or Instructing Party | A, D, or J | O |
| 72 | Sender to Receiver Information | 6*35x | O |

Table 10-73 Mandatory Sequence B Interest Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------|-------------|--------------------|
| 15B | New Sequence | Empty field | M |
| 30G | Interest Period | 8!n/8!n | M |
| 32B | Currency and Principal Amount | 3!a15d | M |
| 30V | Value Date of Interest Payment | 8!n | M |
| 34B | Currency and Interest Amount | 3!a15d | M |
| 37J | Interest Rate | 12d | M |
| 14D | Day Count Fraction | 7x | M |
| 30F | Next Interest Payment Date | 8!n | O |

Table 10-74 Mandatory Sequence C Settlement Instructions

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|----------------|-------------|--------------------|
| 15C | New Sequence | Empty field | M |
| 53a | Delivery Agent | A, D, or J | O |

Table 10-74 (Cont.) Mandatory Sequence C Settlement Instructions

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------|------------|--------------------|
| 86a | Intermediary 2 | A, D, or J | O |
| 56a | Intermediary | A, D, or J | O |
| 57a | Receiving Agent | A, D, or J | M |
| 58a | Beneficiary Institution | A, D, or J | O |

Table 10-75 Optional Sequence D Tax Information and Broker's Commission

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--|-------------|--------------------|
| 15D | New Sequence | Empty field | M |
| 34B | Transaction Currency and Interest Amount | 3!a15d | M |
| 33B | Transaction Currency and Net Interest Amount | 3!a15d | M |
| 36 | Exchange Rate | 12d | O |

Table 10-76 Optional Subsequence D1 Tax Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-----------------------------------|--------|--------------------|
| 37L | Tax Rate | 12d | M |
| 33E | Reporting Currency and Tax Amount | 3!a15d | M |

Table 10-77 Optional Subsequence D2 Broker's Commission Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--|--------|--------------------|
| 71F | Broker's Commission | 3!a15d | M |
| 37L | Tax Rate on Broker's Commission | 12d | O |
| 33E | Reporting Currency and Tax Amount on Broker's Commission | 3!a15d | O |

10.1.10 MT 360 Single Currency Interest Rate Derivative Confirmation

This topic describes the MT 360 Single Currency Interest Rate Derivative Confirmation.

This message is exchanged by or on behalf of the institutions or corporates, party A and party B, which have agreed to a single currency interest rate swap, a cap, a collar or a floor. The confirmed transaction is covered by a BBAIRS (British Bankers' Association Interest Rate Swap), ISDA (International Swaps and Derivatives Association), Deutscher Rahmenvertrag für Finanztermingeschäfte or AFB (Association Française de Banques) Master Agreement.

The message also covers deals which are not part of an ISDA, AFB, Deutscher Rahmenvertrag für Finanztermingeschäfte or BBAIRS Master. In this case, party A and party B must have another bilateral agreement in place. This message may also be sent by a money broker to the two parties (party A and party B) for which the broker arranged the deal. If there

are two money brokers involved in arranging a deal between party A and party B, this message is also exchanged between these money brokers. The MT 360 may be used to:

- confirm the details of a new transaction between the parties
- correct a previously sent confirmation
- cancel a previously sent confirmation

Maximum Length: 10000

Table 10-78 Format Specifications

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------------|-----------------|--------------------|
| 15A | New Sequence | Empty field | M |
| 20 | Sender's Reference | 16x | M |
| 21 | Related Reference | 16x | O |
| 22A | Type of Operation | 4!c | M |
| 94A | Scope of Operation | 4!c | O |
| 22C | Common Reference | 4!a2!c4!n4!a2!c | M |
| 23A | Identification of the Swap | 10a/5a | M |
| 21N | Contract Number Party A | 16x | M |
| 21B | Contract Number Party B | 16x | O |
| 30T | Trade Date | 8!n | M |
| 30V | Effective Date | 8!n | M |
| 30P | Termination Date | 8!n | M |
| 14A | Business Day Convention | 9a | O |
| 32B | Currency, Notional Amount | 3!a15d | M |
| 82a | Party A | A or D | M |
| 87a | Party B | A or D | M |
| 83a | Fund or Beneficiary Customer | A, D, or J | O |
| 17A | Collateral Agreement Indicator | 1!a | O |
| 77H | Type, Date, Version of the Agreement | 6a[/8!n][[/4!n] | M |
| 77D | Additional Conditions | 6*35x | O |
| 14C | Year of Definitions | 4!n | M |
| 72 | Sender to Receiver Information | 6*35x | O |

Table 10-79 Optional Sequence B Fixed Interest Payable by Party B

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------|-------------|--------------------|
| 15B | New Sequence | Empty field | M |
| 37U | Fixed Rate | 12d | O |
| 37N | Details of Interest Rate | 6*35x | O |

Table 10-80 Optional Subsequence B1 Interest Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------------|--------|--------------------|
| 18A | Number of Repetitions | 5n | M |
| 30F | Payment Date | 8!n | M |
| 32M | Currency, Payment Amount | 3!a15d | O |
| 17F | Period End Date Adjustment Indicator | 1!a | O |
| 14D | Day Count Fraction | 7x | O |
| 14A | Business Day Convention | 9a | M |
| 18A | Number of Repetitions | 5n | M |
| 22B | Financial Centre | 4!c | M |

Table 10-81 Optional Sequence C Floating Interest Payable by Party B

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------|-------------|--------------------|
| 15C | New Sequence | Empty field | M |
| 14F | Floating Rate Option | 24x | M |
| 37J | Cap Rate | 12d | O |
| 37L | Floor Rate | 12d | O |
| 37N | Details of Interest Rate | 6*35x | O |

Table 10-82 Optional Subsequence C1 Interest Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------------|---------|--------------------|
| 14J | Reset Date Specification | 5a | M |
| 14G | Averaging Frequency and Method | 1!a/8!a | O |
| 38E | Designated Maturity | 2n1!a | M |
| 18A | Number of Repetitions | 5n | M |
| 30F | Payment Date | 8!n | M |
| 17F | Period End Date Adjustment Indicator | 1!a | M |
| 14D | Day Count Fraction | 7x | M |
| 14A | Business Day Convention | 9a | M |
| 18A | Number of Repetitions | 5n | M |
| 22B | Financial Centre | 4!c | M |
| 37R | Spread | [N]12d | O |

Table 10-83 Optional Subsequence C2 Compounding Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-----------------------|--------|--------------------|
| 22D | Compounding Type | 4!c | M |
| 18A | Number of Repetitions | 5n | M |

Table 10-83 (Cont.) Optional Subsequence C2 Compounding Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|------------------|--------|--------------------|
| 30X | Compounding Date | 8!n | M |

Table 10-84 Optional Subsequence C3 Interpolation for Stub Periods

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|---|-------------|--------------------|
| 38G | First Stub Period, Interpolation Period | 2n1!a/2n1!a | O |
| 38H | Last Stub Period, Interpolation Period | 2n1!a/2n1!a | O |

Table 10-85 Mandatory Sequence D Payment Instructions for Interest Payable by Party B

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|---------------------|-------------|--------------------|
| 15D | New Sequence | Empty field | M |
| 53a | Delivery Agent | A or D | O |
| 56a | Intermediary | A or D | O |
| 86a | Second Intermediary | A or D | O |
| 57a | Receiving Agent | A or D | M |

Table 10-86 Optional Sequence E Fixed Interest Payable by Party A

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------|-------------|--------------------|
| 15E | New Sequence | Empty field | M |
| 37U | Fixed Rate | 12d | O |
| 37N | Details of Interest Rate | 6*35x | O |

Table 10-87 Optional Subsequence E1 Interest Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------------|--------|--------------------|
| 18A | Number of Repetitions | 5n | M |
| 30F | Payment Date | 8!n | M |
| 32M | Currency, Payment Amount | 3!a15d | O |
| 17F | Period End Date Adjustment Indicator | 1!a | O |
| 14D | Day Count Fraction | 7x | O |
| 14A | Business Day Convention | 9a | M |
| 18A | Number of Repetitions | 5n | M |
| 22B | Financial Centre | 4!c | M |

Table 10-88 Optional Sequence F Floating Interest Payable by Party A

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------|-------------|--------------------|
| 15F | New Sequence | Empty field | M |
| 14F | Floating Rate Option | 24x | M |
| 37J | Cap Rate | 12d | O |
| 37L | Floor Rate | 12d | O |
| 37N | Details of Interest Rate | 6*35x | O |

Table 10-89 Optional Subsequence F1 Interest Details

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------------|---------|--------------------|
| 14J | Reset Date Specification | 5a | M |
| 14G | Averaging Frequency and Method | 1!a/8!a | O |
| 38E | Designated Maturity | 2n1!a | M |
| 18A | Number of Repetitions | 5n | M |
| 30F | Payment Date | 8!n | M |
| 17F | Period End Date Adjustment Indicator | 1!a | M |
| 14D | Day Count Fraction | 7x | M |
| 14A | Business Day Convention | 9a | M |
| 18A | Number of Repetitions | 5n | M |
| 22B | Financial Centre | 4!c | M |
| 37R | Spread | [N]12d | O |
| Field Tag | Field Name | Format | Mandatory/Optional |
| 22D | Compounding Type | 4!c | M |
| 18A | Number of Repetitions | 5n | M |
| 30X | Compounding Date | 8!n | M |

Table 10-90 Optional Subsequence F3 Interpolation for Stub Periods

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|---|-------------|--------------------|
| 38G | First Stub Period, Interpolation Period | 2n1!a/2n1!a | O |
| 38H | Last Stub Period, Interpolation Period | 2n1!a/2n1!a | O |

Table 10-91 Mandatory Sequence G Payment Instructions for Interest Payable by Party A

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|---------------------|-------------|--------------------|
| 15G | New Sequence | Empty field | M |
| 53a | Delivery Agent | A or D | O |
| 56a | Intermediary | A or D | O |
| 86a | Second Intermediary | A or D | O |

Table 10-91 (Cont.) Mandatory Sequence G Payment Instructions for Interest Payable by Party A

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-----------------|--------|--------------------|
| 57a | Receiving Agent | A or D | M |

Table 10-92 Optional Sequence H Amortising Schedule

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--|-------------|--------------------|
| 15H | New Sequence | Empty field | M |
| 18A | Number of Repetitions | 5n | M |
| 30G | Variable Notional Start and End Date | 8!n/8!n | M |
| 32U | Outstanding Notional Currency and Amount | 3!a15d | M |
| 14A | Business Day Convention | 9a | M |
| 18A | Number of Repetitions | 5n | M |
| 22B | Financial Centre | 4!c | M |

Table 10-93 Optional Sequence L Additional Amounts Payable by Party B

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------|-------------|--------------------|
| 15L | New Sequence | Empty field | M |
| 18A | Number of Repetitions | 5n | M |
| 22E | Type of Payment | 4!c | M |
| 30F | Payment Date | 8!n | M |
| 32M | Currency, Payment Amount | 3!a15d | M |
| 14A | Business Day Convention | 9a | M |
| 18A | Number of Repetitions | 5n | M |
| 22B | Financial Centre | 4!c | M |
| 53a | Delivery Agent | A or D | O |
| 56a | Intermediary | A or D | O |
| 86a | Second Intermediary | A or D | O |
| 57a | Receiving Agent | A or D | O |

Table 10-94 Optional Sequence M Additional Amounts Payable by Party A

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------|-------------|--------------------|
| 15M | New Sequence | Empty field | M |
| 18A | Number of Repetitions | 5n | M |
| 22E | Type of Payment | 4!c | M |
| 30F | Payment Date | 8!n | M |
| 32M | Currency, Payment Amount | 3!a15d | M |

Table 10-94 (Cont.) Optional Sequence M Additional Amounts Payable by Party A

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------|--------|--------------------|
| 14A | Business Day Convention | 9a | M |
| 18A | Number of Repetitions | 5n | M |
| 22B | Financial Centre | 4!c | M |
| 53a | Delivery Agent | A or D | O |
| 56a | Intermediary | A or D | O |
| 86a | Second Intermediary | A or D | O |
| 57a | Receiving Agent | A or D | O |

Table 10-95 Optional Sequence N Optional General Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-----------------------|-------------|--------------------|
| 15N | New Sequence | Empty field | M |
| 29A | Contact Information | 4*35x | O |
| 24D | Dealing Method | 4!c[/35x] | O |
| 88a | Broker Identification | A or D | O |
| 71F | Broker's Commission | 3!a15d | O |
| 21G | Broker's Reference | 16x | O |

10.1.11 MT 361 Cross Currency Interest Rate Swap Confirmation

This topic describes the MT 361 Cross Currency Interest Rate Swap Confirmation.

This message is exchanged by or on behalf of the institutions or corporates, party A and party B, which have agreed to a cross currency interest rate swap covered by a BBAIRS (British Bankers' Association Interest Rate Swap), Deutscher Rahmenvertrag für Finanztermingeschäfte or an ISDA (International Swaps and Derivatives Association) Master Agreement. The message also covers deals which are not part of an ISDA, Deutscher Rahmenvertrag für Finanztermingeschäfte or BBAIRS Master. In this case, party A and party B must have another bilateral agreement in place, except under AFB (Association Française de Banques) Master (until the AFB does define the interbank confirmation for cross currency swaps, the MT 361 cannot be used to confirm such transactions).

This message may also be sent by a money broker to the two parties (party A and party B) for which the broker arranged the deal. If there are two money brokers involved in arranging a deal between party A and party B, this message is also exchanged between these money brokers. The message may be used to:

- confirm the details of a new transaction between the parties
- correct a previously sent confirmation
- cancel a previously sent confirmation

Maximum Length: 10000

10.1.12 MT 362 Interest Rate Reset/Advice of Payment

This topic describes the MT 362 Interest Rate Reset/ Advice of payment.

This message is exchanged by or on behalf of the financial institutions, Party A and Party B, who have agreed to a single or cross currency interest rate derivative transaction, including caps, collars and floors.

This message may be used to:

- advise the details of the determination of the floating interest rate(s)
- advise the details of the payment of interest at the end of an interest period
- cancel a previously sent reset/advice
- correct errors in a previously sent reset/advice

Maximum Length: 2000

Table 10-96 Format Specifications

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------------|-----------------|--------------------|
| 15A | New Sequence | Empty field | M |
| 20 | Sender's Reference | 16x | M |
| 21 | Related Reference | 16x | O |
| 22A | Type of Operation | 4!c | M |
| 94A | Scope of Operation | 4!c | O |
| 22C | Common Reference | 4!a2!c4!n4!a2!c | M |
| 23A | Identification of the Swap | 10a/5a | M |
| 21N | Contract Number Party A | 16x | M |
| 21B | Contract Number Party B | 16x | O |
| 30V | Effective Date | 8!n | M |
| 30P | Termination Date | 8!n | M |
| 82a | Party A | A or D | M |
| 87a | Party B | A or D | M |
| 83a | Fund or Beneficiary Customer | A, D, or J | O |
| 29A | Contact Information | 4*35x | O |
| 72 | Sender to Receiver Information | 6*35x | O |

Table 10-97 Optional Sequence B Interest Rate/Principal Payable by Party B

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--|-------------|--------------------|
| 15B | New Sequence | Empty field | M |
| 33F | Calculation Notional Currency and Amount | 3!a15d | M |
| 30X | Period Start Date | 8!n | M |
| 30Q | Period End Date | 8!n | O |
| 37G | Reset Rate | [N]12d | M |
| 37J | Cap Rate | 12d | O |
| 37L | Floor Rate | 12d | O |
| 37R | Spread | [N]12d | M |

Table 10-97 (Cont.) Optional Sequence B Interest Rate/Principal Payable by Party B

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|-------------------------------------|-----------|--------------------|
| 37M | Total Rate | [N]12d | M |
| 30F | Payment Date | 8!n | M |
| 32H | Currency, Interest Amount | [N]3!a15d | O |
| 33E | Currency, Principal Exchange Amount | 3!a15d | O |
| 37N | Details of Interest Rate | 6*35x | O |

Table 10-98 Optional Sequence C (Net) Amount(s) Payable by Party B

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------|-------------|--------------------|
| 15C | New Sequence | Empty field | M |
| 18A | Number of Repetitions | 5n | M |
| 30F | Payment Date | 8!n | M |
| 32M | Currency, Payment Amount | 3!a15d | M |
| 53a | Delivery Agent | A or D | O |
| 56a | Intermediary | A or D | O |
| 86a | Second Intermediary | A or D | O |
| 57a | Receiving Agent | A or D | M |

Table 10-99 Optional Sequence D Interest Rate/Principal Payable by Party A

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--|-------------|--------------------|
| 15D | New Sequence | Empty field | M |
| 33F | Calculation Notional Currency and Amount | 3!a15d | M |
| 30X | Period Start Date | 8!n | M |
| 30Q | Period End Date | 8!n | O |
| 37G | Reset Rate | [N]12d | M |
| 37J | Cap Rate | 12d | O |
| 37L | Floor Rate | 12d | O |
| 37R | Spread | [N]12d | M |
| 37M | Total Rate | [N]12d | M |
| 30F | Payment Date | 8!n | M |
| 32H | Currency, Interest Amount | [N]3!a15d | O |
| 33E | Currency, Principal Exchange Amount | 3!a15d | O |
| 37N | Details of Interest Rate | 6*35x | O |

Table 10-100 Optional Sequence E (Net) Amount(s) Payable by Party A

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------|-------------|--------------------|
| 15E | New Sequence | Empty field | M |
| 18A | Number of Repetitions | 5n | M |
| 30F | Payment Date | 8!n | M |
| 32M | Currency, Payment Amount | 3!a15d | M |
| 53a | Delivery Agent | A or D | O |
| 56a | Intermediary | A or D | O |
| 86a | Second Intermediary | A or D | O |
| 57a | Receiving Agent | A or D | M |

Processing Incoming MT362

During STP, the system picks up an incoming MT362 message and extracts the following details from Sequence D for auto confirmation:

- The currency and interest amount to be paid (Field 32H)
- The currency and principal to be exchanged (Field 33E)
- The payment due date (Field 30F)

After the above details are extracted, the corresponding interest and principal schedule on that date is compared with the details extracted as mentioned above. The following details are considered for matching:

- The schedule due date
- The amount of the schedule
- The currency of the schedule
- The pay and receive flag of the schedule

If the details match, the schedule will be marked as 'Confirmed'. The same approach is followed for party B whose details are extracted from sequence B of the message. After the message is processed, the message is marked as 'Processed'. You can view the message status in the incoming browser. After the corresponding schedules are marked as confirmed, they can be viewed in the contract confirmation screen. After confirmation, 'Media' will be updated as 'SWIFT' and 'Authorization Status' as 'Auto' in this screen.

RCON is triggered post confirmation and can be viewed under 'Contract Online' screen.

10.1.13 MT 364 Single Currency Interest Rate Derivative Termination/Recouping Confirmation

This topic describes the MT 364 single currency interest rate derivative termination/recouping confirmation.

This message is exchanged by or on behalf of the institutions or corporates, party A and party B, which have agreed to the termination, partial termination or recouping of a single currency interest rate swap, a cap, a collar or a floor. The terminated/recouped transaction is covered by a BBAIRS, ISDA or AFB or another bilateral agreement.

This message may be used to:

- confirm the details of the partial or full termination of an existing transaction between the parties
- confirm the details of the recoupons of an existing transaction
- correct a previously sent termination/recoupons
- cancel a previously sent termination/recoupons

Maximum Length: 10000

Table 10-101 Format Specifications: Mandatory Sequence A General Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--|-----------------|--------------------|
| 15A | New Sequence | Empty field | M |
| 20 | Sender's Reference | 16x | M |
| 21 | Related Reference | 16x | O |
| 22A | Type of Operation | 4!c | M |
| 94A | Scope of Operation | 4!c | O |
| 22B | Type of Event | 4!c | M |
| 22C | Common Reference | 4!a2!c4!n4!a2!c | M |
| 23A | Identification of the Swap | 10a/5a | M |
| 21N | Contract Number Party A | 16x | M |
| 21B | Contract Number Party B | 16x | O |
| 30T | Termination/ Recoupons Trade Date | 8!n | M |
| 30Q | Termination/ Recoupons Effective Date | 8!n | M |
| 30P | Original Termination Date | 8!n | M |
| 30V | Original Effective Date | 8!n | M |
| 32B | Current Currency, Notional Amount | 3!a15d | M |
| 82a | Party A | A or D | M |
| 87a | Party B | A or D | M |
| 83a | Fund or Beneficiary Customer | A, D, or J | O |
| 22D | Accrual of Interest Specification | 4!c | O |
| 32G | New Currency, Notional Amount | 3!a15d | O |
| 37N | Details of Interest Rate | 6*35x | O |
| 29A | Contact Information | 4*35x | O |
| 72 | Sender to Receiver Information | 6*35x | O |

Table 10-102 Optional Sequence B Fixed Interest Payable by Party B

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------|-------------|--------------------|
| 15B | New Sequence | Empty field | M |
| 37U | Current Fixed Rate | 12d | M |
| 37P | New Fixed Rate | 12d | O |

Table 10-103 Optional Sequence E Fixed Interest Payable by Party A

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------|-------------|--------------------|
| 15E | New Sequence | Empty field | M |
| 37U | Current Fixed Rate | 12d | M |
| 37P | New Fixed Rate | 12d | O |

Table 10-104 Optional Sequence L Fee Payable by Party B

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------|-------------|--------------------|
| 15L | New Sequence | Empty field | M |
| 30F | Payment Date | 8!n | M |
| 32M | Currency, Payment Amount | 3!a15d | M |
| 53a | Delivery Agent | A or D | O |
| 56a | Intermediary | A or D | O |
| 86a | Second Intermediary | A or D | O |
| 57a | Receiving Agent | A or D | M |

Table 10-105 Optional Sequence M Fee Payable by Party A

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------|-------------|--------------------|
| 15M | New Sequence | Empty field | M |
| 30F | Payment Date | 8!n | M |
| 32M | Currency, Payment Amount | 3!a15d | M |
| 53a | Delivery Agent | A or D | O |
| 56a | Intermediary | A or D | O |
| 86a | Second Intermediary | A or D | O |
| 57a | Receiving Agent | A or D | M |

10.1.14 MT 365 Cross Currency Interest Rate Swap Termination/ Recouping Confirmation

This topic describes the MT 365 Cross Currency Interest Rate Swap Termination/Recouping Confirmation.

This message is exchanged by or on behalf of the institutions or corporates, party A and party B, which have agreed to the termination, partial termination or recouping of a cross currency

interest rate swap. The terminated/recouped transaction is covered by a BBAIRS, ISDA or another bilateral agreement.

This message may be used to:

- confirm the details of the partial or full termination of an existing transaction between the parties
- confirm the details of the recouping of an existing transaction
- correct a previously sent termination/recouping
- cancel a previously sent termination/recouping

Maximum Length: 10000

Table 10-106 Format Specifications: Mandatory Sequence A General Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|---|-----------------|--------------------|
| 15A | New Sequence | Empty field | M |
| 20 | Sender's Reference | 16x | M |
| 21 | Related Reference | 16x | O |
| 22A | Type of Operation | 4!c | M |
| 94A | Scope of Operation | 4!c | O |
| 22B | Type of Event | 4!c | M |
| 22C | Common Reference | 4!a2!c4!n4!a2!c | M |
| 23A | Identification of the Swap | 10a/5a | M |
| 21N | Contract Number Party A | 16x | M |
| 21B | Contract Number Party B | 16x | O |
| 30T | Termination/Recouping Trade Date | 8!n | M |
| 30Q | Termination/Recouping Effective Date | 8!n | M |
| 30P | Original Termination Date | 8!n | M |
| 30V | Original Effective Date | 8!n | M |
| 32B | Party B Current Currency, Notional Amount | 3!a15d | M |
| 33B | Party A Current Currency, Notional Amount | 3!a15d | M |
| 82a | Party A | A or D | M |
| 87a | Party B | A or D | M |
| 83a | Fund or Beneficiary Customer | A, D, or J | O |
| 22D | Accrual of Interest Specification | 4!c | O |
| 32G | Party B New Currency, Notional Amount | 3!a15d | O |

Table 10-106 (Cont.) Format Specifications: Mandatory Sequence A General Information

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|---------------------------------------|--------|--------------------|
| 33E | Party A New Currency, Notional Amount | 3!a15d | O |
| 37N | Details of Interest Rate | 6*35x | O |
| 29A | Contact Information | 4*35x | O |
| 72 | Sender to Receiver Information | 6*35x | O |

Table 10-107 Optional Sequence B Fixed Interest Payable by Party B

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------|-------------|--------------------|
| 15B | New Sequence | Empty field | M |
| 37U | Current Fixed Rate | 12d | M |
| 37P | New Fixed Rate | 12d | O |

Table 10-108 Optional Sequence E Fixed Interest Payable by Party A

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------|-------------|--------------------|
| 15E | New Sequence | Empty field | M |
| 37U | Current Fixed Rate | 12d | M |
| 37P | New Fixed Rate | 12d | O |

Table 10-109 Optional Sequence J Re-exchange of Principal Payable by Party B

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------|-------------|--------------------|
| 15J | New Sequence | Empty field | M |
| 30F | Payment Date | 8!n | M |
| 32M | Currency, Payment Amount | 3!a15d | M |
| 53a | Delivery Agent | A or D | O |
| 56a | Intermediary | A or D | O |
| 86a | Second Intermediary | A or D | O |
| 57a | Receiving Agent | A or D | M |

Table 10-110 Optional Sequence K Re-exchange of Principal Payable by Party A

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------|-------------|--------------------|
| 15K | New Sequence | Empty field | M |
| 30F | Payment Date | 8!n | M |
| 32M | Currency, Payment Amount | 3!a15d | M |
| 53a | Delivery Agent | A or D | O |
| 56a | Intermediary | A or D | O |

Table 10-110 (Cont.) Optional Sequence K Re-exchange of Principal Payable by Party A

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|---------------------|--------|--------------------|
| 86a | Second Intermediary | A or D | O |
| 57a | Receiving Agent | A or D | M |

Table 10-111 Optional Sequence L Fee Payable by Party B

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------|-------------|--------------------|
| 15L | New Sequence | Empty field | M |
| 30F | Payment Date | 8!n | M |
| 32M | Currency, Payment Amount | 3!a15d | M |
| 53a | Delivery Agent | A or D | O |
| 56a | Intermediary | A or D | O |
| 86a | Second Intermediary | A or D | O |
| 57a | Receiving Agent | A or D | M |

Table 10-112 Optional Sequence M Fee Payable by Party A

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|--------------------------|-------------|--------------------|
| 15M | New Sequence | Empty field | M |
| 30F | Payment Date | 8!n | M |
| 32M | Currency, Payment Amount | 3!a15d | M |
| 53a | Delivery Agent | A or D | O |
| 56a | Intermediary | A or D | O |
| 86a | Second Intermediary | A or D | O |
| 57a | Receiving Agent | A or D | M |

10.2 CoSecurities Markets

This topic contains the following sub-topics:

- [MT 517 Trade Confirmation Affirmation](#)
This topic describes the MT 517 trade confirmation affirmation.
- [MT 518 Market-Side Securities Trade Confirmation](#)
This topic describes the MT 518 Market-Side Securities Trade Confirmation message.
- [MT 540 Receive Free](#)
This topic describes the MT 540 Receive Free message formats
- [MT 541 Receive Against Payment](#)
This topic describes the MT541 Receive Against Payment message.
- [MT 542 Deliver Free](#)
This topic describes the MT 542 deliver free message.
- [MT 543 Deliver Against Payment](#)
This topic describes the MT 543 deliver against payment message format specifications.

- [MT 592 Request for Cancellation](#)
This topic describes the MT 592 request for cancellation message and format specifications.
- [MT 598 Proprietary Message](#)
This topic describes the MT 598 proprietary message format specifications.

10.2.1 MT 517 Trade Confirmation Affirmation

This topic describes the MT 517 trade confirmation affirmation.

This message is sent by an instructing party, e.g. client, or its authorized representative, to a financial institution which had previously sent a trade confirmation/contract note.

This message is used to positively affirm the details of a previously received confirmation/contract note. This message binds the Sender and the Receiver of the message to the trade details contained in the confirmation being affirmed.

This message may be sent directly between the parties to the trade or via an ETC service provider.

Maximum Length: 10000

Table 10-113 Format Specifications: Mandatory Sequence A General Information

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|-------------|-----------------------------|---------------|--------------------|
| 16R | | Start of Block | GENL | M |
| 20C | Reference | Sender's Message Reference | :4!c//16x | M |
| 23G | | Function of the Message | 4!c[4!c] | M |
| 98a | Date/Time | Preparation Date/Time | A, C, or E | O |
| 95a | Party | (see qualifier description) | P, Q, or R | M |
| 25D | Status Code | Affirmation Status | :4!c/[8c]/4!c | O |

Table 10-114 Mandatory Repetitive Subsequence A1 Linkages

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|-----------------------|-----------------------------|-----------|--------------------|
| 16R | | Start of Block | LINK | M |
| 13a | Number Identification | Linked Message | A or B | O |
| 20C | Reference | (see qualifier description) | :4!c//16x | M |
| 16S | NA | End of Block | LINK | M |

Table 10-115 End of Subsequence A1 Linkages

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|-------------------|--------|--------------------|
| 16S | | End of Block | GENL | M |

10.2.2 MT 518 Market-Side Securities Trade Confirmation

This topic describes the MT 518 Market-Side Securities Trade Confirmation message.

This message is sent by an executing party to its trade counterparty. It is used to confirm the details of a trade. It may also be used to:

- request the cancellation of a previously sent confirmation
- re-send a confirmation previously sent
- provide a third party with a copy of the message (be it the confirmation or request for cancellation) being sent

This message may include, where necessary, the settlement details of the trade.

The market confirmation may be:

- exchanged directly or via an ETC service provider between two trade counterparties for mutual comparison of the trade details
- sent by one trade party to allege the trade against its counterparty, either directly or via an ETC service provider

Maximum Length: 10000

Format Specifications

Table 10-116 Mandatory Sequence A General Information

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|----------------------------|---------------|--------------------|
| 16R | NA | Start of Block | GENL | M |
| 20C | Reference | Sender's Message Reference | :4!c//16x | M |
| 23G | NA | Function of the Message | 4!c/[4!c] | M |
| 98a | Date/Time | Preparation Date/Time | A, C, or E | O |
| 22F | Indicator | Trade Transaction Type | :4!c/[8c]/4!c | M |

Table 10-117 Optional Repetitive Subsequence A1 Linkages

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|-------------------|--------|--------------------|
| 16R | NA | Start of Block | LINK | M |

Table 10-117 (Cont.) Optional Repetitive Subsequence A1 Linkages

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|-----------------------|-----------------------------|-----------|--------------------|
| 13a | Number Identification | Linked Message | A or B | O |
| 20C | Reference | (see qualifier description) | :4!c//16x | M |
| 16S | NA | End of Block | LINK | M |
| 16S | NA | End of Block | GENL | M |

Table 10-118 Mandatory Sequence B Confirmation Details

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|--------------|-----------------------------|-----------------|--------------------|
| 16R | NA | Start of Block | CONFDET | M |
| 98a | Date/Time | (see qualifier description) | A, B, C, or E | M |
| 90a | Price | Deal Price | A or B | M |
| 92A | Rate | (see qualifier description) | :4!c//[N]15d | O |
| 99A | Number Count | (see qualifier description) | :4!c//[N]3!n | O |
| 94a | Place | (see qualifier description) | B, C, or F | O |
| 19A | Amount | Settlement Amount | :4!c//[N]3!a15d | O |
| 22a | Indicator | (see qualifier description) | F or H | M |
| 11A | Currency | (see qualifier description) | :4!c//3!a | O |

Table 10-119 Mandatory Repetitive Subsequence B1 Confirmation Parties

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|----------------|-----------------------------|---------------|--------------------|
| 16R | Start of Block | CONFPRTY | M | NA |
| 95a | Party | (see qualifier description) | P, Q, R, or S | M |
| 97a | Account | (see qualifier description) | A or B | O |
| 98a | Date/Time | Processing Date/Time | A or C | O |
| 20C | Reference | Processing Reference | :4!c//16x | O |
| 70a | Narrative | (see qualifier description) | C or E | O |
| 22F | Indicator | (see qualifier description) | :4!c/[8c]/4!c | O |
| s16S | NA | End of Block | CONFPRTY | M |

Table 10-120 Optional Subsequence B2 Financial Instrument Attributes

| Field Tag | Field Name | Field Description | Format | Mandatory/ Optional |
|-----------|----------------------------------|--|---------------|------------------------|
| 36B | Quantity of Financial Instrument | Quantity of Financial Instrument Confirmed | :4!c//4!c/15d | M |
| 35B | NA | Identification of the Financial Instrument | [ISIN1!e12!c] | |
| [4*35x] | M | NA | NA | NA |

Table 10-121 Optional Sequence C Settlement Details

| Field Tag | Field Name | Field Description | Format | Mandatory/ Optional |
|-----------|------------|-----------------------------|---------------|------------------------|
| 16R | NA | Start of Block | SETDET | M |
| 22F | Indicator | (see qualifier description) | :4!c/[8c]/4!c | M |
| 11A | Currency | (see qualifier description) | :4!c//3!a | O |

Table 10-122 Optional Repetitive Subsequence C1 Settlement Parties

| Field Tag | Field Name | Field Description | Format | Mandatory/ Optional |
|-----------|------------|-----------------------------|------------------|------------------------|
| 16R | NA | Start of Block | SETPRTY | M |
| 95a | Party | (see qualifier description) | C, P, Q, R, or S | M |
| 97a | Account | Safekeeping Account | A or B | O |
| 98a | Date/Time | Processing Date/Time | A or C | O |
| 20C | Reference | Processing Reference | :4!c//16x | O |
| 70a | Narrative | (see qualifier description) | C or D | O |
| 16S | NA | End of Block | SETPRTY | M |

Table 10-123 Optional Repetitive Subsequence C2 Cash Parties

| Field Tag | Field Name | Field Description | Format | Mandatory/ Optional |
|-----------|------------|-----------------------------|---------------|------------------------|
| 16R | NA | Start of Block | CSHPRTY | M |
| 95a | Party | (see qualifier description) | P, Q, R, or S | M |
| 97A | Account | (see qualifier description) | :4!c//35x | O |

Table 10-123 (Cont.) Optional Repetitive Subsequence C2 Cash Parties

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|----------------------|-------------|--------------------|
| 98a | Date/Time | Processing Date/Time | A or C | O |
| 20C | Reference | Processing Reference | :4!c//16x | O |
| 70C | Narrative | Party Narrative | :4!c//4*35x | O |
| 16S | NA | End of Block | CSHPRTY | M |

Table 10-124 Optional Repetitive Subsequence C3 Amounts

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|-----------------------------|-------------------|--------------------|
| 16R | NA | Start of Block | AMT | M |
| 17B | Flag | (see qualifier description) | :4!c//1!a | O |
| 19A | Amount | (see qualifier description) | :4!c//[N]3!a15d | M |
| 98a | Date/Time | Value Date/Time | A or C | O |
| 92B | Rate | Exchange Rate | :4!c//3!a/3!a/15d | O |
| 16S | NA | End of Block | AMT | M |

Table 10-125 Optional Repetitive Sequence D Other Parties

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|--------------|-----------------------------|-----------------|--------------------|
| 16R | NA | Start of Block | REPO | M |
| 98a | Date/Time | (see qualifier description) | A, B, or C | O |
| 22F | Indicator | (see qualifier description) | :4!c/[8c]/4!c | O |
| 20C | Reference | (see qualifier description) | :4!c//16x | O |
| 92a | Rate | (see qualifier description) | A, C, or F | O |
| 99B | Number Count | (see qualifier description) | :4!c//3!n | O |
| 19A | Amount | (see qualifier description) | :4!c//[N]3!a15d | O |
| 70C | Narrative | Second Leg Narrative | :4!c//4*35x | O |
| 16S | NA | End of Block | REPO | M |

Table 10-126 Optional Sequence E Two Leg Transaction Details

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|--------------|-----------------------------|-----------------|--------------------|
| 16R | NA | Start of Block | REPO | M |
| 98a | Date/Time | (see qualifier description) | A, B, or C | O |
| 22F | Indicator | (see qualifier description) | :4!c/[8c]/4!c | O |
| 20C | Reference | (see qualifier description) | :4!c//16x | O |
| 92a | Rate | (see qualifier description) | A, C, or F | O |
| 99B | Number Count | (see qualifier description) | :4!c//3!n | O |
| 19A | Amount | (see qualifier description) | :4!c//[N]3!a15d | O |
| 70C | Narrative | Second Leg Narrative | :4!c//4*35x | O |
| 16S | NA | End of Block | REPO | M |

10.2.3 MT 540 Receive Free

This topic describes the MT 540 Receive Free message formats

This message is sent by an account owner to an account servicer (account servicing institution). The account owner may be a global custodian which has an account with its local agent (sub custodian) or an investment management institution or a broker/dealer which has an account with their custodian.

This message is used to instruct a receipt of financial instruments free of payment. It may also be used to request a cancellation or pre-advise an instruction.

Maximum Length: 10000

Table 10-127 Mandatory Sequence A General Information

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|----------------------------|-----------|--------------------|
| 16R | | Start of Block | GENL | M |
| 20C | Reference | Sender's Message Reference | :4!c//16x | M |
| 23G | | Function of the Message | 4!c/[4!c] | M |
| 98a | Date/Time | Preparation Date/Time | A,C or E | O |

Table 10-128 Optional Repetitive Subsequence A1

| Field Tag | Field Name | Field Description | Format | Mandatory/ Optional |
|-----------|----------------------------------|---|---------------|------------------------|
| 16R | | Start of Block | LINK | M |
| 20C | Reference | (see qualifier description) | :4!c//16x | M |
| 36B | Quantity of Financial Instrument | Quantity of Financial Instrument to be Paired-off | :4!c//4!c/15d | O |
| 16S | | End of Block | LINK | M |

Table 10-129 Mandatory Sequence B Trade Details

| Field Tag | Field Name | Field Description | Format | Mandatory/ Optional |
|-----------|--------------|--|---------------------|------------------------|
| 16R | | Start of Block | TRADEDET | M |
| 94B | Place | Place of Trade | :4!c//[8c]/4!c/30x] | O |
| 98a | Date/Time | (see qualifier description) | A, B, C, or E | M |
| 90a | Deal | Deal Price | A or B | O |
| 99A | Number Count | Number of Days Accrued | :4!c//[N]3!n | O |
| 35B | | Identification of the Financial Instrument | [ISIN1!e12!c] | M |
| 70E | Narrative | (see qualifier description) | :4!c//10*35x | O |
| 16S | | End of Block | TRADEDET | M |

Table 10-130 Mandatory Repetitive Sequence C Financial Instrument/Account

| Field Tag | Field Name | Field Description | Format | Mandatory/ Optional |
|-----------|----------------------------------|--|---------------|------------------------|
| 16R | | Start of Block | FIAC | M |
| 36B | Quantity of Financial Instrument | Quantity of Financial Instrument to be settled | :4!c//4!c/15d | M |
| 95a | Party | Account Owner | P or R | O |
| 97a | Account | (see qualifier description) | A or B | M |
| 16S | | End of Block | FIAC | M |

Table 10-131 Optional Sequence D Two Leg Transaction Details

| Field Tag | Field Name | Field Description | Format | Mandatory/ Optional |
|-----------|------------|-------------------|--------|------------------------|
| 16R | | Start of Block | REPO | M |

Table 10-131 (Cont.) Optional Sequence D Two Leg Transaction Details

| Field Tag | Field Name | Field Description | Format | Mandatory/ Optional |
|-----------|------------|-----------------------------|-----------------|------------------------|
| 98a | Date/Time | (see qualifier description) | A, B, or C | O |
| 22F | Indicator | (see qualifier description) | :4!c/[8c]/4!c | O |
| 20C | Reference | (see qualifier description) | :4!c//16x | O |
| 92a | Rate | (see qualifier description) | A, C, or F | O |
| 19A | Amount | (see qualifier description) | :4!c//[N]3!a15d | O |
| 70C | Narrative | Second Leg Narrative | :4!c//4*35x | O |
| 16S | | End of Block | REPO | M |

Table 10-132 Mandatory Sequence E Settlement Details

| Field Tag | Field Name | Field Description | Format | Mandatory/ Optional |
|-----------|------------|-----------------------------|---------------|------------------------|
| 16R | | Start of Block | SETDET | M |
| 22F | Indicator | (see qualifier description) | :4!c/[8c]/4!c | M |

Table 10-133 Mandatory Repetitive Subsequence E1 Settlement Parties

| Field Tag | Field Name | Field Description | Format | Mandatory/ Optional |
|-----------|------------|-----------------------------|------------------|------------------------|
| 16R | | Start of Block | SETPRTY | M |
| 95a | Party | (see qualifier description) | C, P, Q, R, or S | M |
| 97a | Account | Safekeeping Account | A or B | O |
| 16S | | End of Block | SETPRTY | M |

Table 10-134 Optional Repetitive Subsequence E3 Amount

| Field Tag | Field Name | Field Description | Format | Mandatory/ Optional |
|-----------|------------|-----------------------------|-----------------|------------------------|
| 16R | | Start of Block | AMT | M |
| 19A | Amount | (see qualifier description) | :4!c//[N]3!a15d | M |
| 16S | | End of Block | AMT | M |
| 16S | | End of Block | SETDET | M |

10.2.4 MT 541 Receive Against Payment

This topic describes the MT541 Receive Against Payment message.

This message is sent by an account owner to an account servicer (account servicing institution). The account owner may be a global custodian which has an account with its local agent (sub custodian) or an investment management institution or a broker/dealer which has an account with their custodian. This message is used to instruct a receipt of financial instruments against payment. It may also be used to request a cancellation or pre-advise an instruction.

Maximum Length: 10000

Format Specifications

Table 10-135 Mandatory Sequence A General Information

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|----------------------------|-----------|--------------------|
| 16R | | Start of Block | GENL | M |
| 20C | Reference | Sender's Message Reference | :4!c//16x | M |
| 23G | | Function of the Message | 4!c/[4!c] | M |
| 98a | Date/Time | Preparation Date/Time | A,C or E | O |

Table 10-136 Optional Repetitive Subsequence A1

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|----------------------------|-----------|--------------------|
| 16R | NA | Start of Block | GENL | M |
| 20C | Reference | Sender's Message Reference | :4!c//16x | M |
| 23G | NA | Function of the Message | 4!c/[4!c] | M |
| 98a | Date/Time | Preparation Date/Time | A,C or E | O |

Table 10-137 Mandatory Sequence B Trade Details

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|--------------|-----------------------------|---------------------|--------------------|
| 16R | NA | Start of Block | TRADET | M |
| 94B | Place | Place of Trade | :4!c/[8c]/4!c/[30x] | O |
| 98a | Date/Time | (see qualifier description) | A, B, C, or E | M |
| 90a | Deal | Deal Price | A or B | O |
| 99A | Number Count | Number of Days Accrued | :4!c//[N]3!n | O |

Table 10-137 (Cont.) Mandatory Sequence B Trade Details

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|--|---------------|--------------------|
| 35B | NA | Identification of the Financial Instrument | [ISIN1!e12!c] | M |
| 70E | Narrative | (see qualifier description) | :4!c//10*35x | O |
| 16S | NA | End of Block | TRADET | M |

Table 10-138 Mandatory Repetitive Sequence C Financial Instrument/Account

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|----------------------------------|--|---------------|--------------------|
| 16R | | Start of Block | FIAC | M |
| 36B | Quantity of Financial Instrument | Quantity of Financial Instrument to be settled | :4!c//4!c/15d | M |
| 95a | Party | Account Owner | P or R | O |
| 97a | Account | (see qualifier description) | A or B | M |
| 16S | | End of Block | FIAC | M |

Table 10-139 Optional Sequence D Two Leg Transaction Details

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|-----------------------------|-----------------|--------------------|
| 16R | | Start of Block | REPO | M |
| 98a | Date/Time | (see qualifier description) | A, B, or C | O |
| 22F | Indicator | (see qualifier description) | :4!c/[8c]/4!c | O |
| 20C | Reference | (see qualifier description) | :4!c//16x | O |
| 92a | Rate | (see qualifier description) | A, C, or F | O |
| 19A | Amount | (see qualifier description) | :4!c//[N]3!a15d | O |
| 70C | Narrative | Second Leg Narrative | :4!c//4*35x | O |
| 16S | NA | End of Block | REPO | M |

Table 10-140 Mandatory Sequence E Settlement Details

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|-------------------|--------|--------------------|
| 16R | NA | Start of Block | SETDET | M |

Table 10-140 (Cont.) Mandatory Sequence E Settlement Details

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|-----------------------------|---------------|--------------------|
| 22F | Indicator | (see qualifier description) | :4!c/[8c]/4!c | M |

Table 10-141 Mandatory Repetitive Subsequence E1 Settlement Parties

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|-----------------------------|------------------|--------------------|
| 16R | NA | Start of Block | SETPRTY | M |
| 95a | Party | (see qualifier description) | C, P, Q, R, or S | M |
| 97a | Account | Safekeeping Account | A or B | O |
| 16S | NA | End of Block | SETPRTY | M |

Table 10-142 Optional Repetitive Subsequence E3 Amount

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|-----------------------------|----------------|--------------------|
| 16R | NA | Start of Block | AMT | M |
| 19A | Amount | (see qualifier description) | :4!c/[N]3!a15d | M |
| 16S | NA | End of Block | AMT | M |
| 16S | NA | End of Block | SETDET | M |

Table 10-143 Repetitive Optional Sequence F Other Parties

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|----------------|-----------------------------|-----------------|--------------------|
| 16R | Start of Block | OTHRPRTY | M | NA |
| 95a | Party | (see qualifier description) | C, P, R, Q or S | M |
| 97A | Account | (see qualifier description) | :4c/35x | O |
| 70a | Narrative | (see qualifier description) | E,D or C | O |
| 20C | Reference | Reference | :4c/16x | O |
| 16S | End of Block | OTHRPRTY | M | NA |

10.2.5 MT 542 Deliver Free

This topic describes the MT 542 deliver free message.

This message is sent by an account owner to an account servicer (account servicing institution). The account owner may be a global custodian which has an account with its local agent (sub custodian) or an investment management institution or a broker/dealer which has an account with their custodian. This message is used to instruct a delivery of financial

instruments free of payment. It may also be used to request a cancellation or pre-advise an instruction.

Maximum Length: 10000

Table 10-144 Mandatory Sequence A General Information

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|--------------|-----------------------------|-----------|--------------------|
| 16R | | Start of Block | GENL | M |
| 20C | Reference | Sender's Message Reference | :4!c//16x | M |
| 23G | | Function of the Message | 4!c[/4!c] | M |
| 98a | Date/Time | Preparation Date/Time | A, C or E | O |
| 99B | Number Count | (see qualifier description) | :4!c//3!n | O |

Table 10-145 Optional Repetitive Subsequence A1

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|-----------------------------|-----------|--------------------|
| 16R | | Start of Block | LINK | M |
| 20C | Reference | (see qualifier description) | :4!c//16x | M |
| 16S | | End of Block | LINK | M |
| 16S | | End of Block | GENL | M |

Table 10-146 Mandatory Sequence B Trade Details

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|--|---------------------|--------------------|
| 16R | | Start of Block | TRADEDET | M |
| 94B | Place | Place of Trade | :4!c/[8c]/4!c[/30x] | O |
| 98a | Date/Time | (see qualifier description) | A, B, C, or E | M |
| 90a | Price | Deal Price | A or B | O |
| 35B | | Identification of the Financial Instrument | [ISIN1!e12!c] | M |
| 16S | | End of Block | TRADEDET | M |

Table 10-147 Mandatory Repetitive Sequence C Financial Instrument/Account

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|-------------------|--------|--------------------|
| 16R | | Start of Block | FIAC | M |

Table 10-147 (Cont.) Mandatory Repetitive Sequence C Financial Instrument/Account

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|----------------------------------|--|---------------|--------------------|
| 36B | Quantity of Financial Instrument | Quantity of Financial Instrument to be Settled | :4!c//4!c/15d | M |
| 95a | Party | Account Owner | P or R | O |
| 97a | Account | (see qualifier description) | A or B | M |
| 94a | Place | Place of Safekeeping | B, C, or F | O |
| 16S | | End of Block | FIAC | M |

Table 10-148 Optional Sequence D Two Leg Transaction Details

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|--------------|-----------------------------|-----------------|--------------------|
| 16R | | Start of Block | REPO | M |
| 98a | Date/Time | Closing Date/Time | A, B, or C | O |
| 22F | Indicator | (see qualifier description) | :4!c/[8c]/4!c | O |
| 20C | Reference | (see qualifier description) | :4!c//16x | O |
| 92a | Rate | (see qualifier description) | A, C, or F | O |
| 99B | Number Count | (see qualifier description) | :4!c//3!n | O |
| 19A | Amount | (see qualifier description) | :4!c//[N]3!a15d | O |
| 70C | Narrative | Second Leg Narrative | :4!c//4*35x | O |
| 16S | | End of Block | REPO | M |

Table 10-149 Mandatory Sequence E Settlement Details

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|-----------------------------|---------------|--------------------|
| 16R | | Start of Block | SETDET | M |
| 22F | Indicator | (see qualifier description) | :4!c/[8c]/4!c | M |

Table 10-150 Mandatory Repetitive Subsequence E1 Settlement Parties

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|-----------------------------|------------------|--------------------|
| 16R | | Start of Block | SETPRTY | M |
| 95a | Party | (see qualifier description) | C, P, Q, R, or S | M |

Table 10-150 (Cont.) Mandatory Repetitive Subsequence E1 Settlement Parties

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|-------------------|---------|--------------------|
| 16S | | End of Block | SETPRTY | M |

Table 10-151 Repetitive Optional Subsequence E2 Cash Parties

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|----------------|-----------------------------|--------------|--------------------|
| 16R | Start of Block | CSHPRTY | M | NA |
| 95a | Party | (see qualifier description) | P, R, Q or S | M |
| 97A | Account | (see qualifier description) | :4c//35x | O |
| 70a | Narrative | (see qualifier description) | E,D or C | O |
| 16S | End of Block | CSHPRTY | M | NA |

Table 10-152 Optional Repetitive Subsequence E3 Amount

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|-----------------------------|-----------------|--------------------|
| 16R | NA | Start of Block | AMT | M |
| 19A | Amount | (see qualifier description) | :4!c//[N]3!a15d | M |
| 16S | NA | End of Block | AMT | M |
| 16S | NA | End of Block | SETDET | M |

Table 10-153 Repetitive Optional Sequence F Other Parties

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|----------------|-----------------------------|-----------------|--------------------|
| 16R | Start of Block | OTHRPRTY | M | NA |
| 95a | Party | (see qualifier description) | C, P, R, Q or S | M |
| 97A | Account | (see qualifier description) | :4c//35x | O |
| 70a | Narrative | (see qualifier description) | E,D or C | O |
| 20C | Reference | Reference | :4c//16x | O |
| 16S | End of Block | OTHRPRTY | M | NA |

10.2.6 MT 543 Deliver Against Payment

This topic describes the MT 543 deliver against payment message format specifications.

This message is sent by an account owner to an account servicer (account servicing institution). The account owner may be a global custodian which has an account with its local

agent (sub custodian) or an investment management institution or a broker/dealer which has an account with their custodian. This message is used to instruct a delivery of financial instruments against payment. It may also be used to request a cancellation or pre-advise an instruction.

Maximum Length: 10000

Table 10-154 Mandatory Sequence A General Information

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|--------------|-----------------------------|-----------|--------------------|
| 16R | | Start of Block | GENL | M |
| 20C | Reference | Sender's Message Reference | :4!c//16x | M |
| 23G | | Function of the Message | 4!c[4!c] | M |
| 98a | Date/Time | Preparation Date/Time | A, C or E | O |
| 99B | Number Count | (see qualifier description) | :4!c//3!n | O |

Table 10-155 Optional Repetitive Subsequence A1

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|--------------|-------------------|--------|--------------------|
| 16R | NA | Start of Block | LINK | M |
| 16S | NA | End of Block | LINK | M |
| 16S | End of Block | GENL | M | NA |

Table 10-156 Mandatory Sequence B Trade Details

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|--|---------------------|--------------------|
| 16R | NA | Start of Block | TRADEDET | M |
| 94B | Place | Place of Trade | :4!c/[8c]/4!c[/30x] | O |
| 98a | Date/Time | (see qualifier description) | A, B, C, or E | M |
| 90a | Price | Deal Price | A or B | O |
| 35B | NA | Identification of the Financial Instrument | [ISIN1!e12!c] | M |
| 16S | NA | End of Block | TRADEDET | M |

Table 10-157 Mandatory Repetitive Sequence C Financial Instrument/Account

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|-------------------|--------|--------------------|
| 16R | NA | Start of Block | FIAC | M |

Table 10-157 (Cont.) Mandatory Repetitive Sequence C Financial Instrument/Account

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|----------------------------------|--|---------------|--------------------|
| 36B | Quantity of Financial Instrument | Quantity of Financial Instrument to be Settled | :4!c//4!c/15d | M |
| 95a | Party | Account Owner | P or R | O |
| 97a | Account | (see qualifier description) | A or B | M |
| 16S | NA | End of Block | FIAC | M |

Table 10-158 Optional Sequence D Two Leg Transaction Details

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|--------------|-----------------------------|-----------------|--------------------|
| 16R | NA | Start of Block | REPO | M |
| 98a | Date/Time | (see qualifier description) | A, B, or C | O |
| 22F | Indicator | (see qualifier description) | :4!c/[8c]/4!c | O |
| 20C | Reference | (see qualifier description) | :4!c//16x | O |
| 92a | Rate | (see qualifier description) | A, C, or F | O |
| 99B | Number Count | (see qualifier description) | :4!c//3!n | O |
| 19A | Amount | (see qualifier description) | :4!c//[N]3!a15d | O |
| 70C | Narrative | Second Leg Narrative | :4!c//4*35x | O |
| 16S | NA | End of Block | REPO | M |

Table 10-159 Mandatory Sequence E Settlement Details

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|-----------------------------|------------------|--------------------|
| 16R | NA | Start of Block | SETDET | M |
| 22F | Indicator | (see qualifier description) | :4!c/[8c]/4!c | M |
| 95a | Party | (see qualifier description) | C, P, Q, R, or S | M |

Table 10-160 Repetitive Optional Subsequence E2 Cash Parties

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|----------------|-------------------|--------|--------------------|
| 16R | Start of Block | CSHPRTY | M | NA |

Table 10-160 (Cont.) Repetitive Optional Subsequence E2 Cash Parties

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|--------------|-----------------------------|--------------|--------------------|
| 95a | Party | (see qualifier description) | P, R, Q or S | M |
| 97A | Account | (see qualifier description) | :4c//35x | O |
| 70a | Narrative | (see qualifier description) | E,D or C | O |
| 16S | End of Block | CSHPRTY | M | NA |

Table 10-161 Mandatory Repetitive Subsequence E3 Amount

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|------------|-----------------------------|-----------------|--------------------|
| 16R | NA | Start of Block | AMT | M |
| 19A | Amount | (see qualifier description) | :4!c//[N]3!a15d | M |
| 16S | NA | End of Block | AMT | M |
| 16S | NA | End of Block | SETDET | M |

Table 10-162 Repetitive Optional Sequence F Other Parties

| Field Tag | Field Name | Field Description | Format | Mandatory/Optional |
|-----------|----------------|-----------------------------|-----------------|--------------------|
| 16R | Start of Block | OTHRPRTY | M | NA |
| 95a | Party | (see qualifier description) | C, P, R, Q or S | M |
| 97A | Account | (see qualifier description) | :4c//35x | O |
| 70a | Narrative | (see qualifier description) | E,D or C | O |
| 20C | Reference | Reference | :4c//16x | O |
| 16S | End of Block | OTHRPRTY | M | NA |

10.2.7 MT 592 Request for Cancellation

This topic describes the MT 592 request for cancellation message and format specifications.

This message type is sent by a financial institution to request a second financial institution to consider cancellation of the SWIFT message identified in the request. If the Receiver of the request for cancellation has already acted on the message for which cancellation is requested, the MT n92 asks for a retransfer, ie, reversal, with the beneficiary's consent.

Maximum Length: 2000

Table 10-163 Format Specifications

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|---|----------------|--------------------|
| 20 | Transaction Reference Number | 16x | M |
| 21 | Related Reference | 16x | M |
| 11S | MT and Date of the Original Message | 3!n | NA |
| 6!n | NA | NA | NA |
| [4!n6!n] | M | NA | NA |
| 79 | Narrative Description of the Original Message | 35*50x | O |
| NA | Copy of at least the Mandatory Fields of the Original Message | Copy of fields | O |

10.2.8 MT 598 Proprietary Message

This topic describes the MT 598 proprietary message format specifications.

This message type is used by financial institutions, with their own offices, and/or with other financial institutions with which they have established bilateral agreements. It is used as an envelope for a specified message included in it.

It allows for the definition of a unique format for which another message type is not available or applicable. It also allows financial institutions to use message types which are awaiting live implementation on the SWIFT system.

Maximum Length: 10000

Table 10-164 Format Specifications

| Field Tag | Field Name | Format | Mandatory/Optional |
|-----------|------------------------------|---------|--------------------|
| 20 | Transaction Reference Number | 16x | M |
| 12 | Sub-Message Type | 3!n | M |
| 77E | Proprietary Message | 120*78x | M |

Processing of MX Messages as per ISO 20022

This topic describes the overview of the ISO 20022.

ISO 20022 is a multi part International Standard prepared by ISO Technical Committee TC68 Financial Services.

It is a messaging standard for exchanging electronic messages. It uses XML syntax and offers structured rich data. This format is already used by many real-time, low-value, and high-value clearing systems around the world. Offers richer references and improved remittance information.

Under ISO 20022, financial institutions will be changing the messages they send and receive via SWIFT from the legacy MT (message type) format to the new MX (message type XML) format, which is more transparent, holds more data and is expected to boost interoperability between banks.

For banks, the most important difference between SWIFT MT messages and the new MX message format used for ISO 20022 is that MX messages are far richer in data. Banks have the opportunity to leverage this data to enhance everything from sanctions and compliance processes to customer analytics.

The primary difference between ISO 20022 and SWIFT messages is their respective formats. Both styles of message are text-based, but SWIFT messages use a notation that is peculiar to SWIFT whereas ISO 20022 uses a standardized XML-based syntax for messages.

ISO 20022 organizes financial definitions in business areas. These business areas are uniquely identified by four-character codes called business area codes. The ISO 20022 catalog includes over 800 messages covering the following business areas:

- acmt: Account Management
- auth: Authorities Communications
- caaa: Acceptor to Acquirer Card Transactions
- cain: Acquirer to Issuer Card Transactions
- catm: Card Terminal Management
- catp: ATM Card Transactions
- caam: ATM Management
- pacs: Payments Clearing and Settlement
- pain: Payments Initiation
- camt: Cash Management
- remt: Payments Remittance Advice
- fxtr: Foreign Exchange Trade
- colr: Collateral Management
- setr: Securities Trade

- secl: Securities Clearing
- sese: Securities Settlement
- semt: Securities Management
- seev: Securities Events
- tsin: Trade Services Initiation
- tsmt: Trade Services Management
- reda: Reference Data
- [Generation of MX Type Messages](#)
This topic describes the generation of MX type messages supported in OBTR for cash management which is camt.054 BankToCustomerDebitCreditNotification.
- [MX Message Notification to OBTR from OBPM](#)
This topic describes the MX message generation from Oracle Banking Payments and sending notification to the Oracle Banking Treasury Management.

11.1 Generation of MX Type Messages

This topic describes the generation of MX type messages supported in OBTR for cash management which is camt.054 BankToCustomerDebitCreditNotification.

Table 11-1 Cash Management and Customer Status

| MT Number | MT Name | MX ID | MX Name |
|-----------|------------------------|----------|---|
| MT 900 | Confirmation of Debit | camt.054 | BankToCustomerDebitC reditNotification |
| MT 910 | Confirmation of Credit | camt.054 | BankToCustomerDebitC reditNotification |

The BankToCustomerDebitCreditNotification message is sent by the account servicer to an account owner or to a party authorised by the account owner to receive the message. It can be used to inform the account owner, or authorised party, of single or multiple debit and/or credit entries reported to the account.

This new ISO 20022 message replaces both the FIN MT900 confirmation of debit and the MT910 confirmation of credit messages. It is worth noting that the use of the camt.054 message is optional – meaning that, even though it is part of the CBPR+ message portfolio, banks are not obliged to send it and it is bilaterally agreed.

The camt.054 BankToCustomerDebitCreditNotification is composed of:

- **Group Header:** This building block is mandatory and present once. It contains elements such as MessageIdentification and CreationDateTime
- **Notification:** This building block is mandatory and repetitive. It should be repeated for each account on which a notification is provided. The Notification contains information on the booked debit entries.
- **Entry:** Entry is part of the Notification and can be repetitive. It contains information related to the entry in the account, such as Amount, Booking or ValueDate and BankTransactionCode. EntryDetails

- Entry detail: This is part of the Entry and there can only be one EntryDetails in each Entry. This part contains detailed information related to the entry, such as References, Amount Details, Related Parties and RemittanceInformation.
- [Maintenance Required in OBTR for MX Type camt.054 Generation](#)
The topic describes the maintenance required in OBTR to support the generation of MX type camt.054.
- [Integrated Support for Generating Camt.057 Message using OBPM MX Rest Service](#)
This topic describes about generating the camt.057 message using OBPM MX rest service.

11.1.1 Maintenance Required in OBTR for MX Type camt.054 Generation

The topic describes the maintenance required in OBTR to support the generation of MX type camt.054.

The maintenance required in OBTR are given below:

- In the **Media Maintenance (MSDMEDMT)** screen, a new Media Code FINPLUS for the generation of ISO20022 MX Messages must be maintained. The media FINPLUS must be maintained as a higher priority than SWIFT for MX message generation
- For a given record of Media: FINPLUS; Location: CIF mapped to a customer at **Treasury Customer Address Maintenance (MSDTRCAD)** screen, system should support generation of camt.054 message. Existing Message types of DEBIT_ADVICE & CREDIT_ADVICE both should be maintained in MSDTRCAD for generating Camt.054 MX message
- Newly introduced field **SWIFT MX Type** displays camt.054 for equivalent message type DEBIT_ADVICE & CREDIT_ADVICE

11.1.2 Integrated Support for Generating Camt.057 Message using OBPM MX Rest Service

This topic describes about generating the camt.057 message using OBPM MX rest service.

The system has been enhanced to support the generation of camt.057 **NotificationToReceive** message by calling the **MX** Rest Service of OBPM.

The following changes to be included while generating the message:

- Introduction of a new parameter: **NOTIF_TO_RECV_PREFERENCE_OBTR** with value MT at OBTR to trigger the MT Rest Service **PMXborderInService** for MT210 message generation in **MT** format. Whereas when the value is MX, it will call MX Rest Service for camt.057 message generation.
- Addition of **GenMXRecvNotice** as a new service code in the **Treasury External System Maintenance (IFSTREPM)**.
- It is required to maintain rest point mapping for **GenMXRecvNotice** in the **External Service screen Maintenance**.

Note

OBPM using screen - **System Parameter Detailed (PMDSYSPM)** configuration of **NOTIF_TO_RECEIVE_PREFERENCE** parameter as MX must be set up for successful camt.057 generation and this is when OBTR calls **PMXborderInService**.

These changes enable the system to generate camt.057 messages in MX format by integrating with the OBPM MX Rest Service.

11.2 MX Message Notification to OBTR from OBPM

This topic describes the MX message generation from Oracle Banking Payments and sending notification to the Oracle Banking Treasury Management.

OBTR interfaces with external payment system OBPM for generation of MX message type for the payment messages. The MX message gets generated in OBPM and a notification is received in OBTR. The user can view the generated MX message in OBTR.

Table 11-2 Payment messages in MX format

| MT Number | MT Name | MX ID | MX Name |
|-----------|--|----------|------------------------------------|
| MT 103 | Single Customer Credit Transfer | pacs.008 | FiToFiCustomerCreditTransfer |
| MT 202 | General Financial Institution Transfer | pacs.009 | FinancialInstitutionCreditTransfer |
| MT210 | Notice to Receive | camt.057 | NotificationToReceive |

- [Maintenance Required in OBPM](#)
This topic describes the MX message type maintenance required in OBPM.

11.2.1 Maintenance Required in OBPM

This topic describes the MX message type maintenance required in OBPM.

The maintenance required in OBPM are given below:

- In the **Source Maintained Details (PMDSORCE)** screen, the **Source code** must be maintained for the MX message type maintenance.
- In the **External Notification Queue Detailed (PMDEXTNT)** screen, the **Notification System Class** must be maintained as **OBTR**.
- In the **Network Code Maintenance (PMDNWCOD)** screen, the **Network Code** must be maintained as **SWIFTISO**.
- In the **Source Network Preferences Detailed (PMDSORNW)**, the **Network Code** must be maintained as **SWIFTISO** which is mapped to source code, and the **Transaction Type** as **Outgoing**.
- In the **Network Rule Detailed (PMDNWRLE)** screen, the **Channel Type** must be maintained as **SWIFTMX** and network code must be **SWIFTISO** for the respective network rule.

For more information on the OBPM maintenance, refer to the *Maintenance Required in OBPM* section in the *Oracle Banking Payments Interface Guide*.

- [Maintenance required in OBPM for generation of MX message.](#)

11.2.1.1 Maintenance required in OBPM for generation of MX message.

A new parameter called **NOTIF_TO_RECEIVE_PREFERENCE** is added in OBPM. The maintenance needed in OBPM for creating MX messages is given below:

- If NOTIF_TO_RECEIVE_PREFERENCE is set to MX, then CAMT057 (MX format) is generated.
- If NOTIF_TO_RECEIVE_PREFERENCE is set to MT (Default Value), then existing flow MT210 is generated.

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