Oracle® Banking Treasury Management

Messaging User Guide

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Preface

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

- Audience
- Acronyms and Abbreviations
- Conventions
- List of Topics
- Related Resources
- Symbols and Icons

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.

Acronyms and Abbreviations

The acronyms and abbreviations are listed in this below table:

Table 1 Acronyms and Abbreviations

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

Table 1 (Cont.) Acronyms and Abbreviations

Abbreviations or Acronyms	Definition
LIBOR	London Interbank Offered Rate
MM	Money Market
OBTR	Oracle Banking Treasury Management
OT	Over the Counter Options
RFR	Risk Free Rates

Conventions

The following text conventions are used in this document:

Table 2 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.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

List of Topics

This guide is organized as follows:

Topics	Description
Overview of Messaging System	Explains the overview of the Messaging system.
Maintain Messaging Branch Preferences	Explains the maintenance of the messaging branch preferences.
Maintain Address for Customer	Explains the Maintenance of customer address details.
Maintain Advices Format	Explains the advices format maintenance.
Process Outgoing Messages	Explains the processing of outgoing message.
Retrieve an Incoming Message	Explains the retrieving process of an incoming message.
Define Free Format Messages	Explains how to define free format messages.
Make Query	Explains how to make query.
Process SWIFT Messages	Explains how to process SWIFT messages.

Related Resources

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

- The Procedures User Manual
- The Products User Manual

Symbols and Icons

Table 3 Symbols

Icons	Function
	Exit
	Add row
	Delete row
	Option List

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

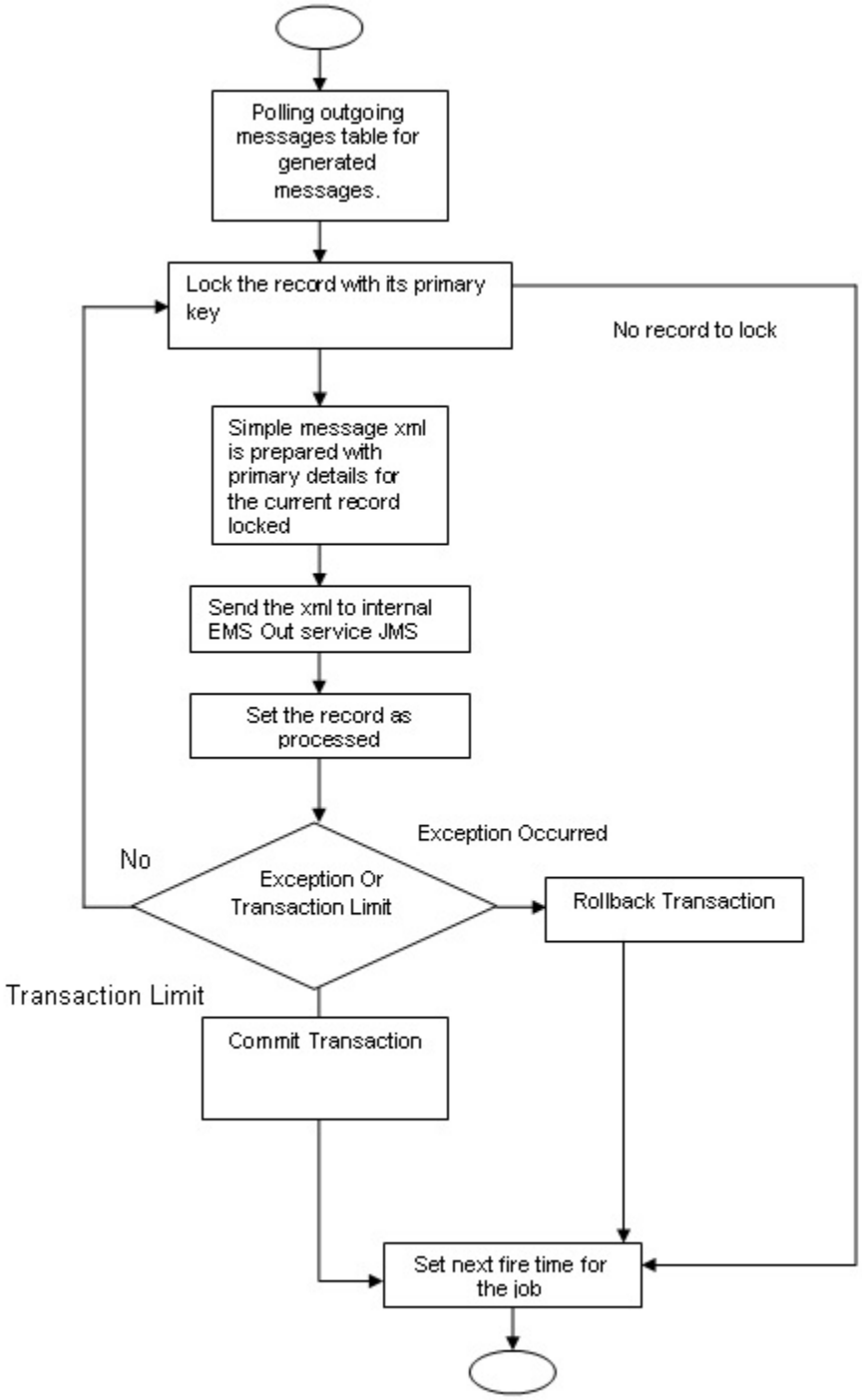
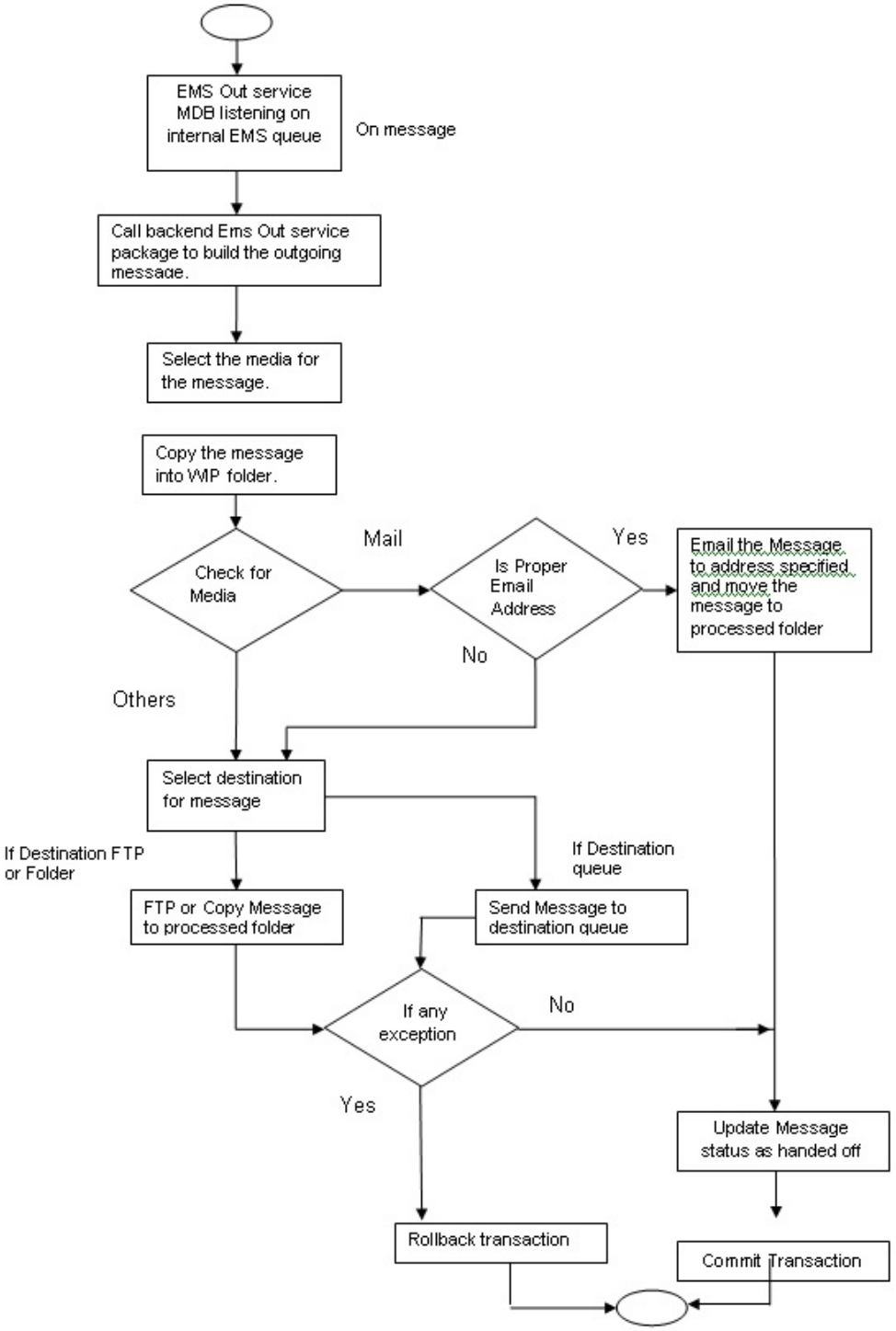


Figure 1-2 Outgoing EMS process in MDB



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

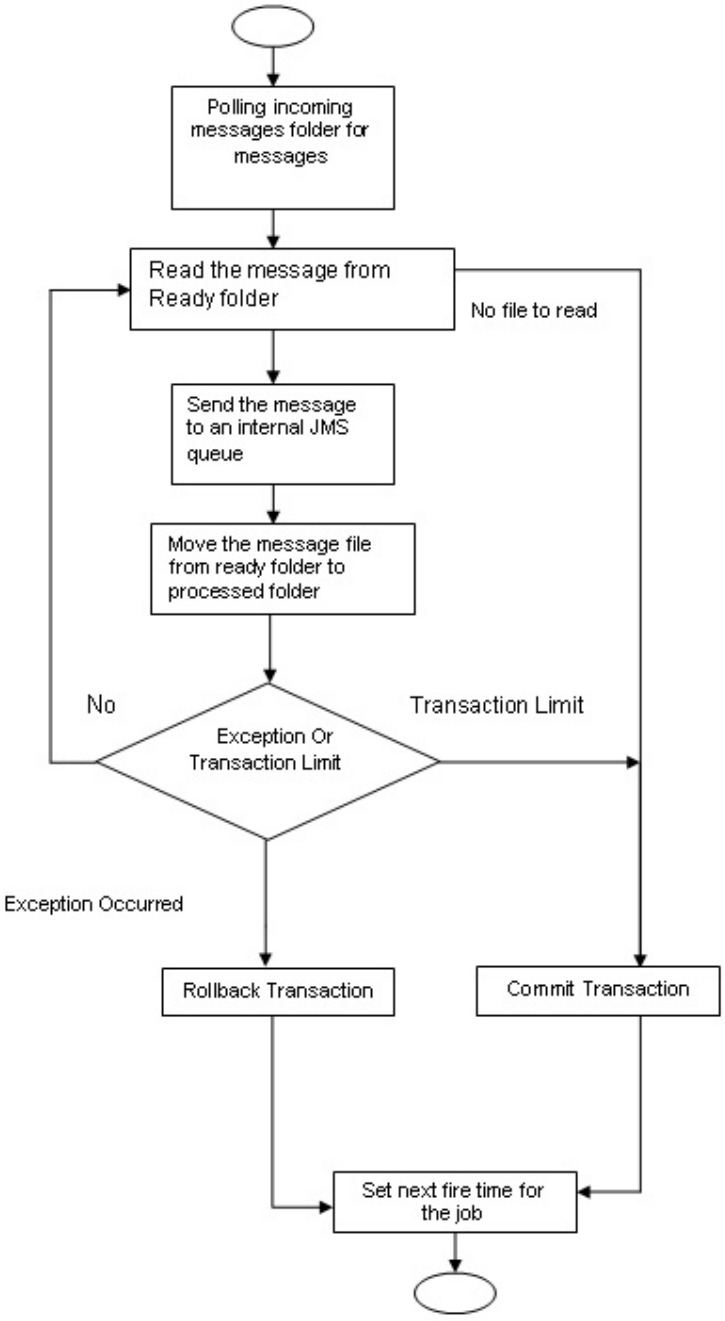
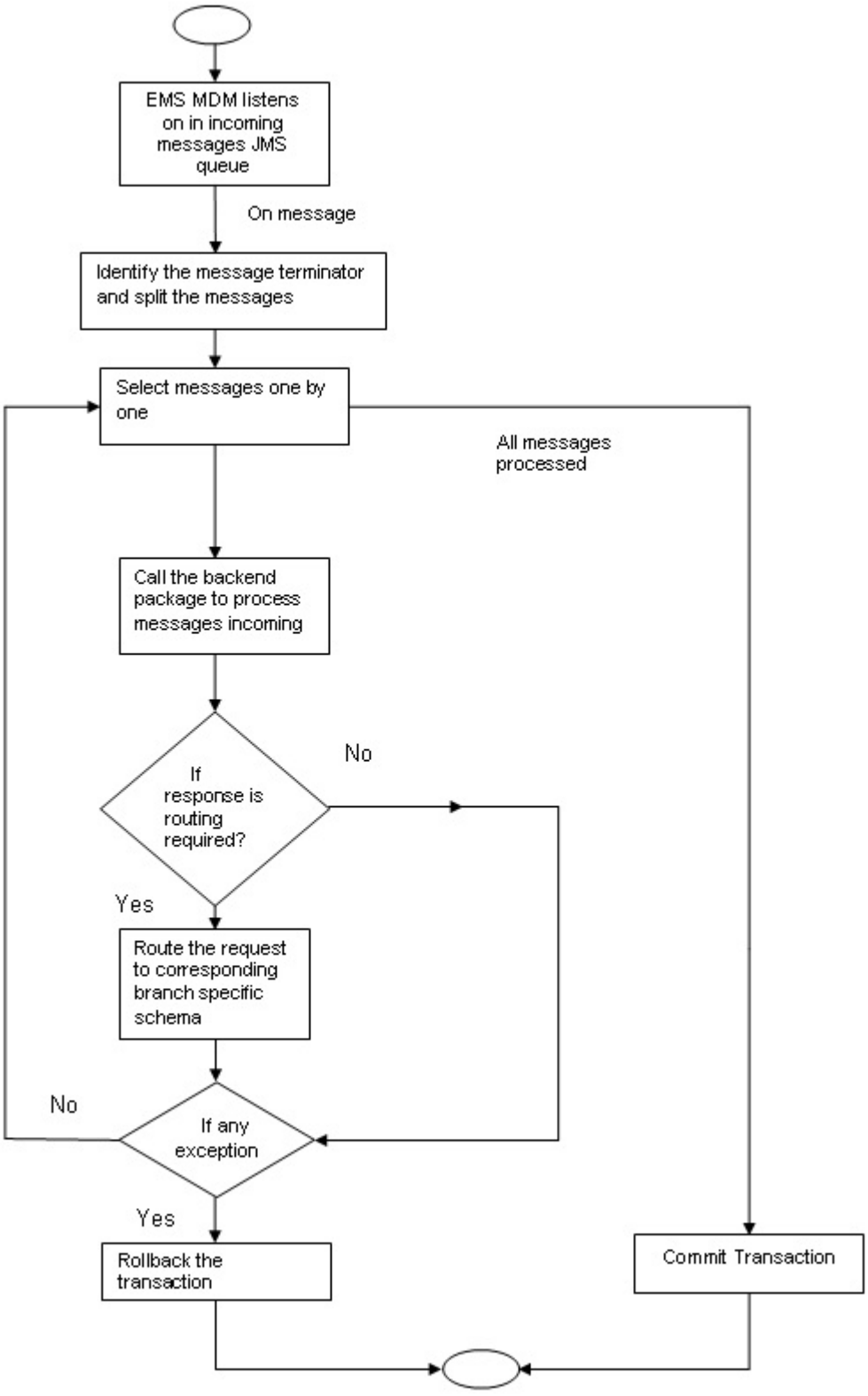


Figure 1-4 Incoming EMS process in MDB



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

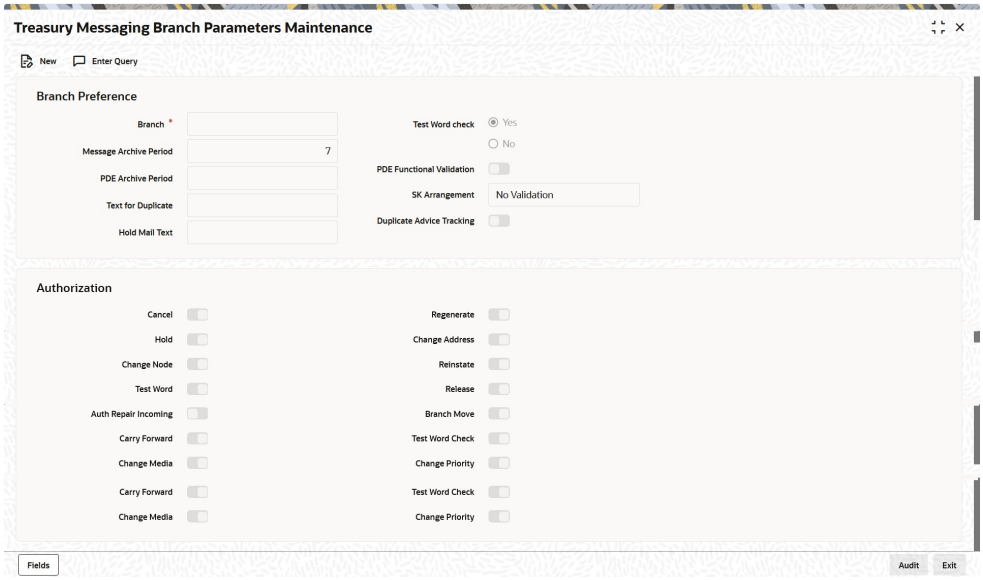
This topic provides systematic instructions to maintain messaging branch parameters.

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	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. **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.

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

Field	Description
PDE Archive Period	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. **Note:** The PDE archive period should be less than or equal to message archival days.
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.
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. • **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.

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

Field	Description
SK Arrangement	Select the action to be performed on the message based on the Swift Key arrangement with the receiver from the following options: • **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: • 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: • 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	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: • **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.

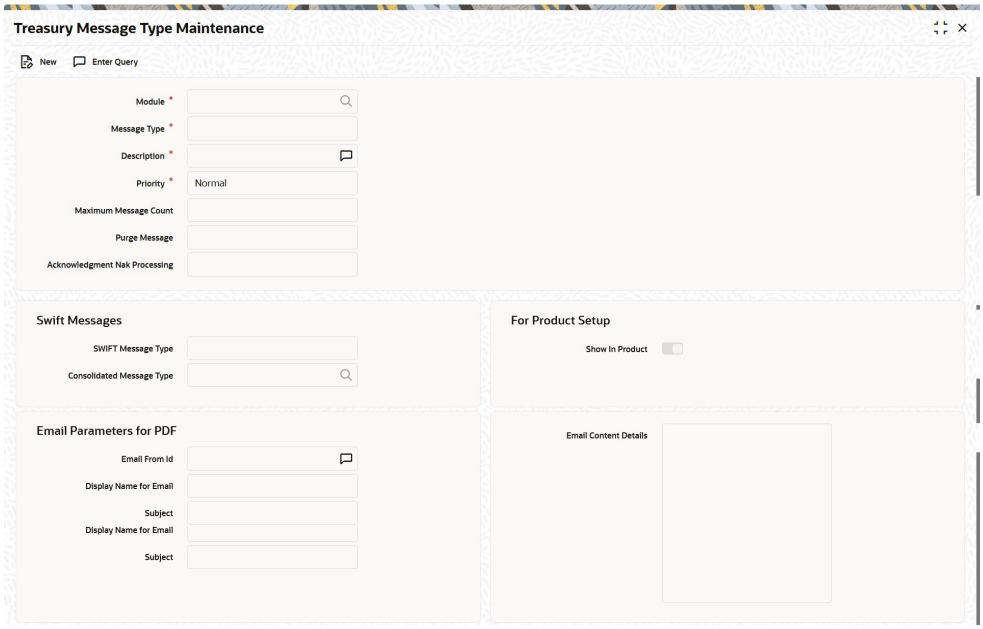
2.2 Maintain Message Types

This topic provides systematic instructions to maintain message types.

1. On **Homevpage**, specify **MSDTRMTM** in the text box, and click **Next**.

   Treasury Message Type Maintenance screen displays.

Figure 2-2 Treasury Message Type Maintenance



2. 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. • **Normal** • **Medium** • **High**
Maximum Message Count	Specify the maximum message count.
Purge Message	Select whether to purge message from the drop-down list. • **Yes** • **No**
Acknowledgment Nak Processing	Select option from the drop-down list. • **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.

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

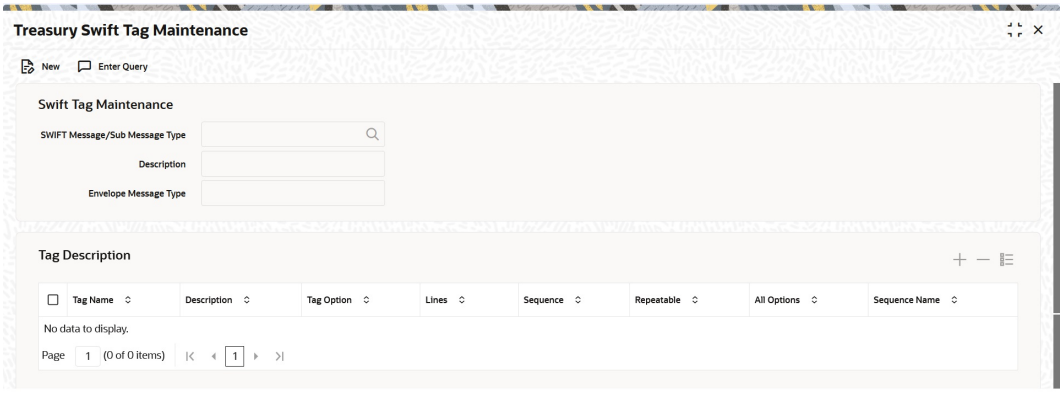
2.3 Maintain SWIFT Tag

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

1. 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



2. 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.

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

Field	Description
All Options	The system displays all options.
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.

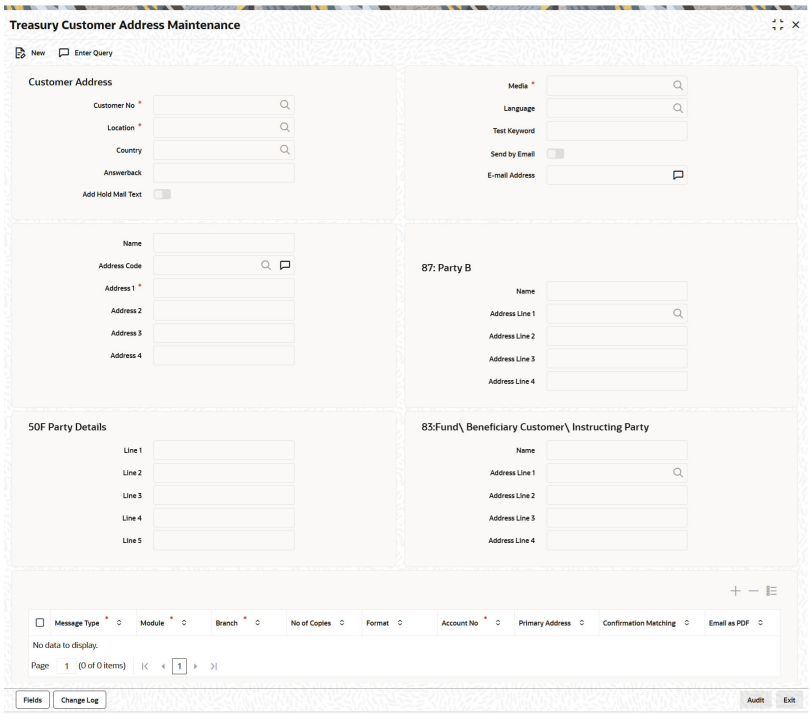
3.1 Maintain Address at Customer (CIF) Level

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



2. 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.

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.

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

Field	Description
Location	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. **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.
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. • **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.

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

Field	Description
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:** The 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	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: • **Line 1** (Party Identifier) /34x (Account) • **Line 2** to **Line 5** (Name & Address) 1!n/33x (Number) (Details) Or • **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) 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: **a.** Validations for **Line 1**, party identifier (applicable for the second format listed above) • **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. **b.** Validations for **Line 2** to **Line 5**, Name and Address details of the party: • 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. 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. • MT101 • MT102

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

Field	Description
	• 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.

Table 3-2 (Cont.) Message Address - Field Description

Field	Description
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

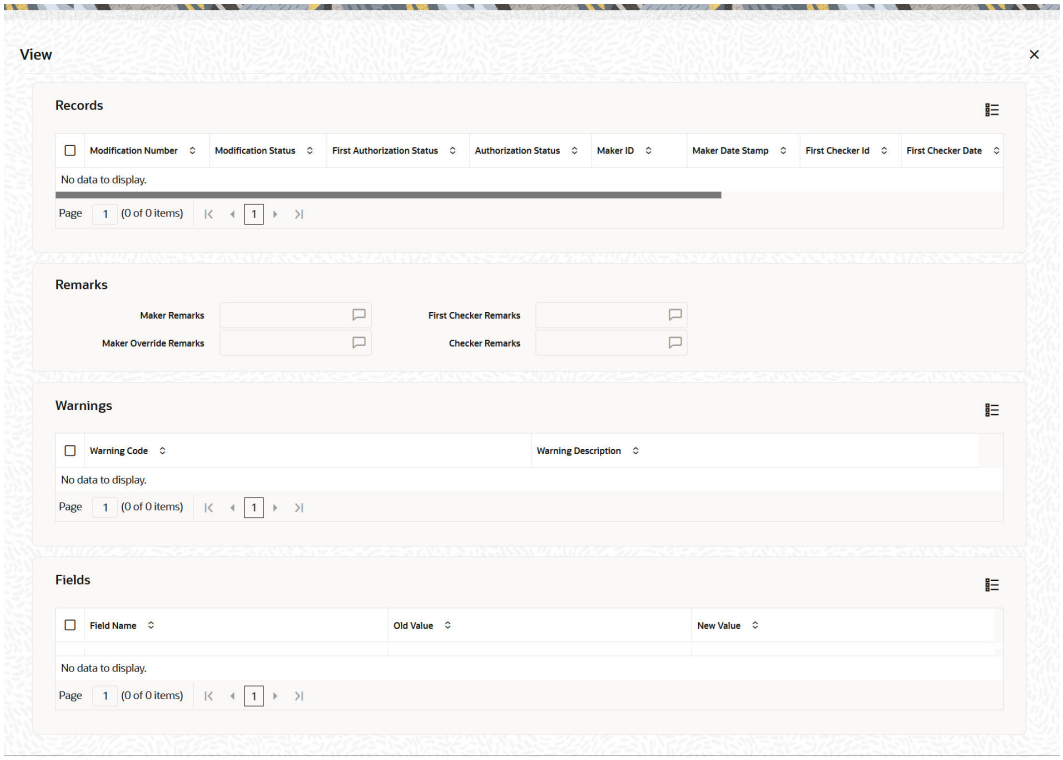
This subtopic provides detailed information on customer addresses.

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



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.

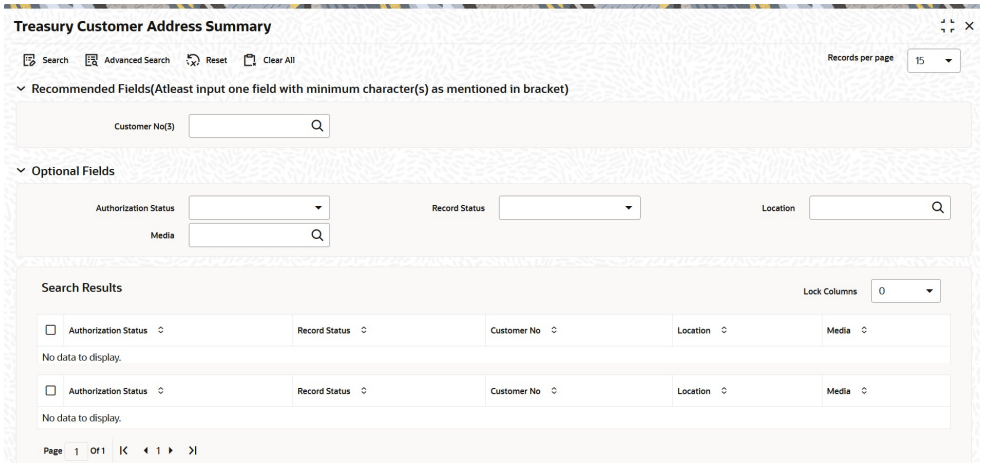
3.2 View Customer Address

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



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. • **Authorized** • **Unauthorized** • **Rejected**
Location	Specify the location from the adjoining option list.
Record Status	Select the record status from the drop-down list. • **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.

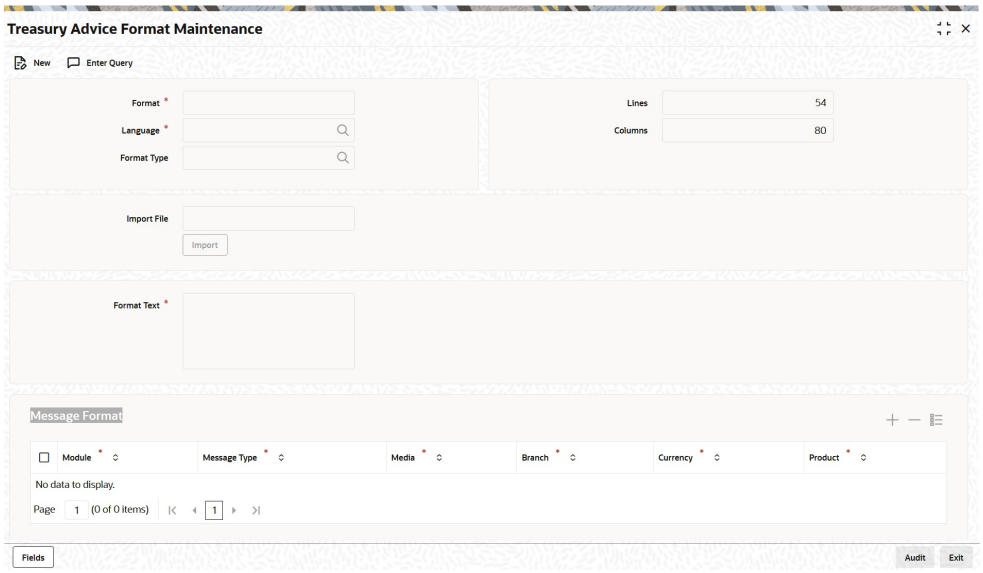
4.1 Maintain Advice Format Details

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: • 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.

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

Field	Description
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. **Note:**
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

Table 4-2 (Cont.) Keywords

Keyword	Significance
#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

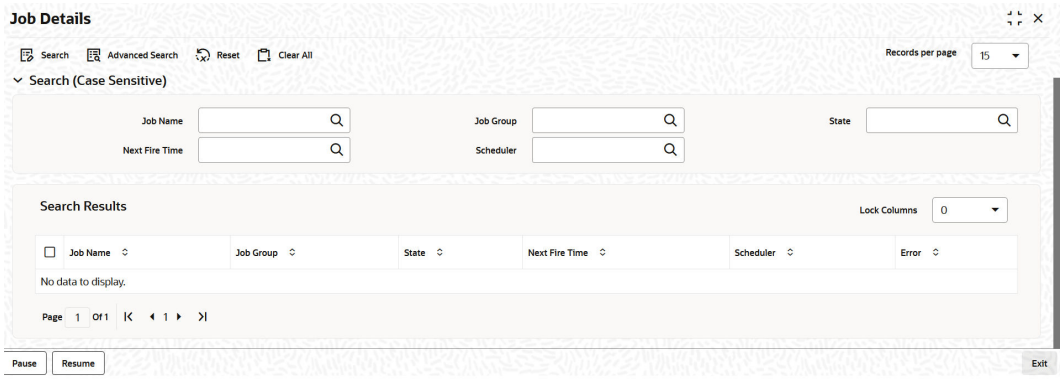
This topic provides systematic instructions to start the background process for generating and printing advices.

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.
Status	Select the status from the drop-down list. • **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

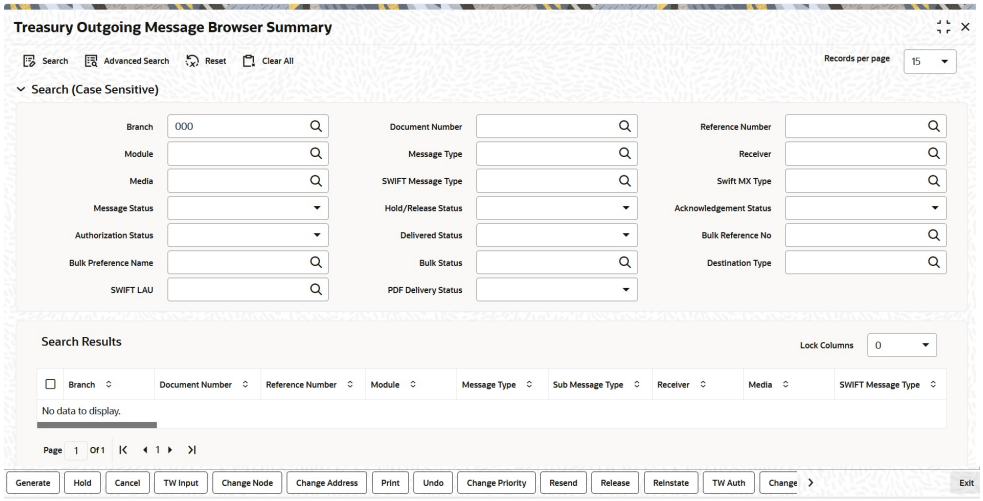
This topic provides systematic instructions for generating messages from an outgoing browser.

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



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. • **Hold** • **Released** • **Carry Forward**
Delivered Status	Select the appropriate status from the drop-down list. • **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: • **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. • **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. • **Cancelled** • **Reinstated** • **Repair** • **Sent Ungenerated** • **Generated** • **Handoff** • **Processed** • **Confirmation Pending** • **External - Ungenerated Bulk**
Authorization Status	Select authorization status from the drop-down list. • **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: • 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.

Table 5-4 (Cont.) Operations

Operation	Description
TW Input	Click this button to input testword for Telex messages which were moved to **Repair** status.
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.

Table 5-4 (Cont.) Operations

Operation	Description
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.
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: • 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.

Table 5-4 (Cont.) Operations

Operation	Description
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: a. **Any**: Select this option to implement the following changes: • 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.

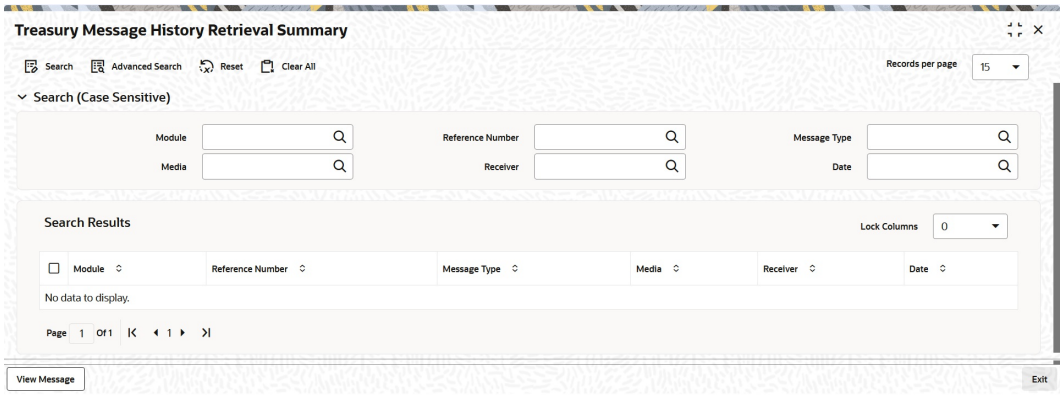
6.1 Process Message History Retrieval Summary

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



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.

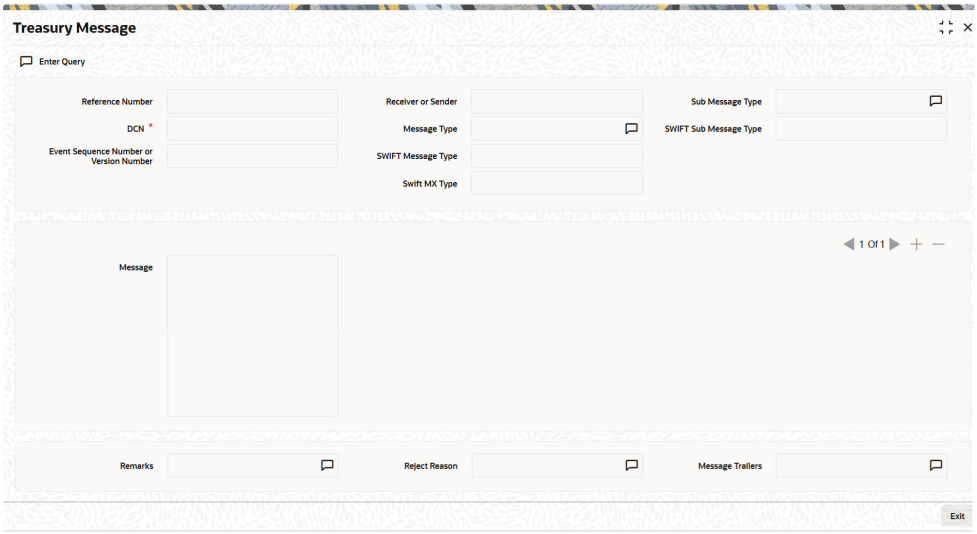
6.2 Process Message

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



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

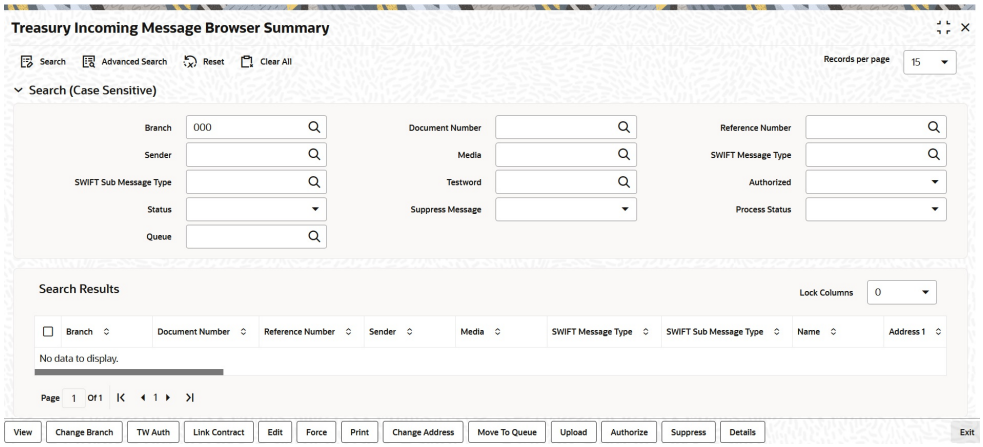
This topic provides systematic instructions to view incoming message browser summary.

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.

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

Field	Description
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. • **Authorized** • **Unauthorized**
Suppress Message	Select the message suppression option from the drop-down list. • **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: • 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.

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

Field	Description
Status	Select the record status from the drop-down list. • **Unprocessed** • **Processed** • **Repair** • **Suppressed** • **Funding Exception** • **Pending Cover Match** • **Failed Verification** • **Pending Authorization** • **Pending Liquidation** 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.
Process Status	Select the process status from the drop-down list. • **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.

Table 7-2 (Cont.) Operations

Operation	Description
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.
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.

Table 7-2 (Cont.) Operations

Operation	Description
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: • 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	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: • **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. Specify the reason for suppressing a Payment Message in the **Remarks** field.

Table 7-2 (Cont.) Operations

Operation	Description
Details	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: • **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

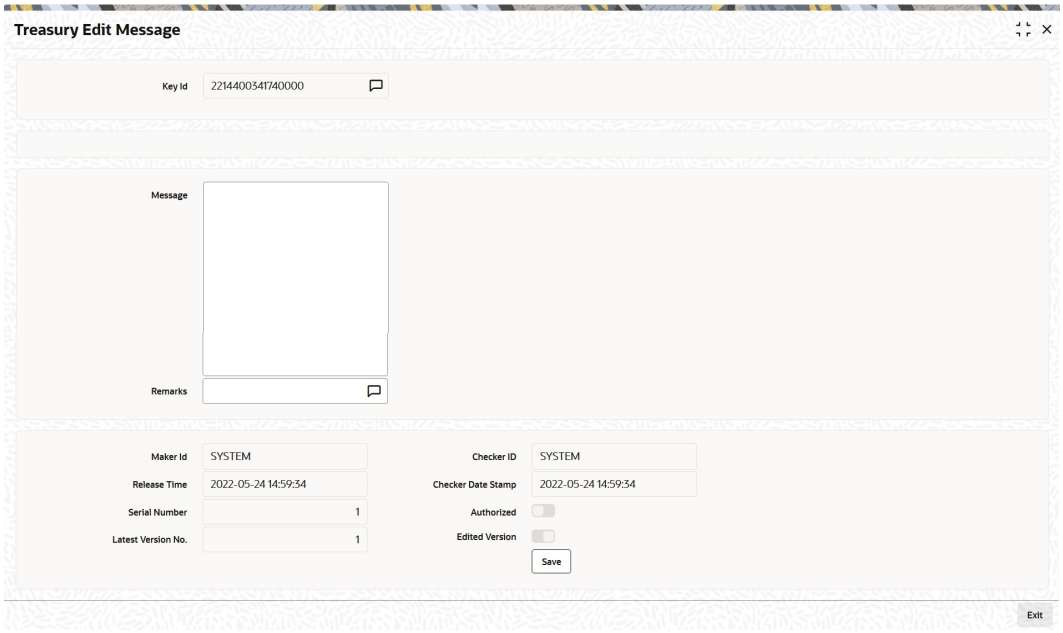
This topic provides systematic instructions to edit an incoming message.

- 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.
- Maintain SWIFT FFT Template
  This topic provides systematic instructions to maintain SWIFT FFT template.

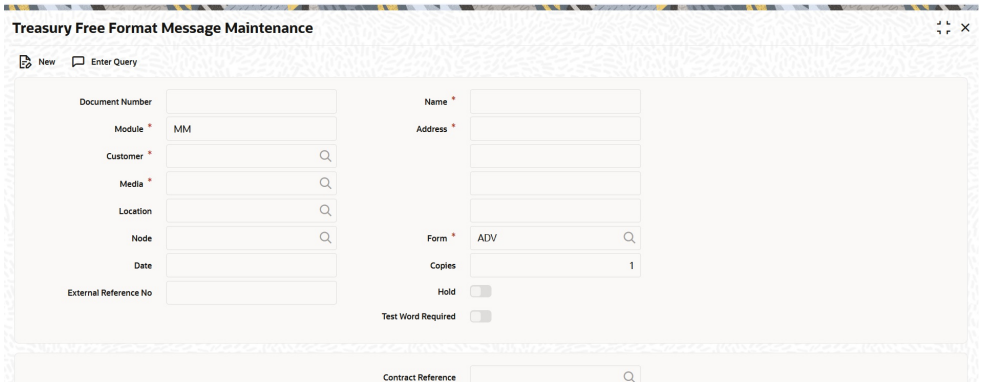
8.1 Maintain Free Format Message

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



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 is depends on the media types that is 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.

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

Field	Description
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 its 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 appears 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.
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.

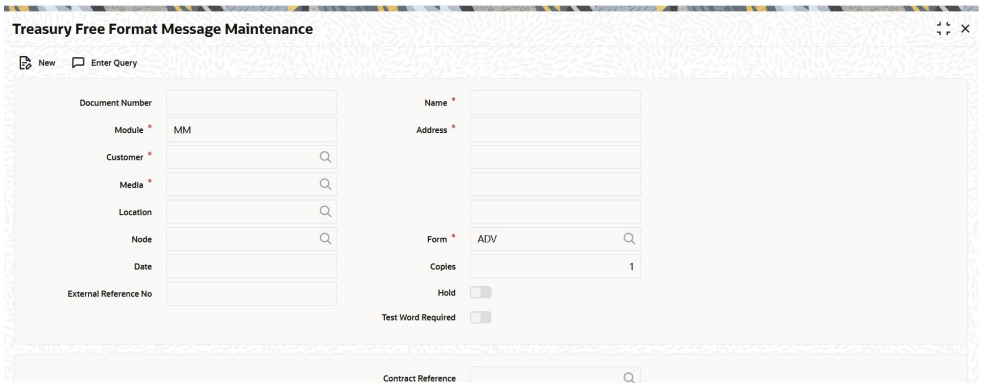
Maintain Free Format Message - Message Tab

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



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.

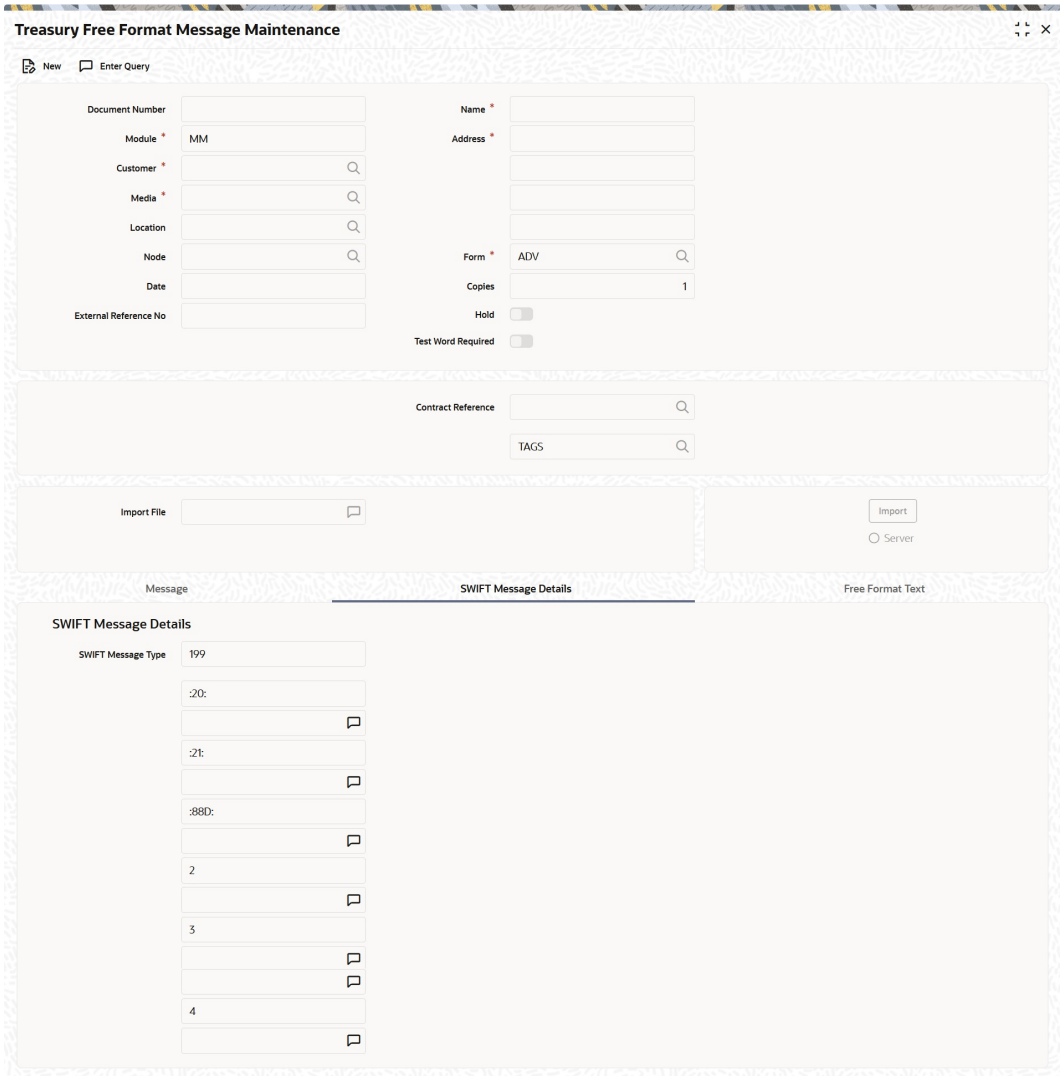
Maintain Free Format Message - SWIFT Message Details Tab

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



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. • **199** • **299** • **399** • **499** • **599** • **699** • **799** • **899** • **999** • **649** Enter the SWIFT messages by clicking the Text icon.

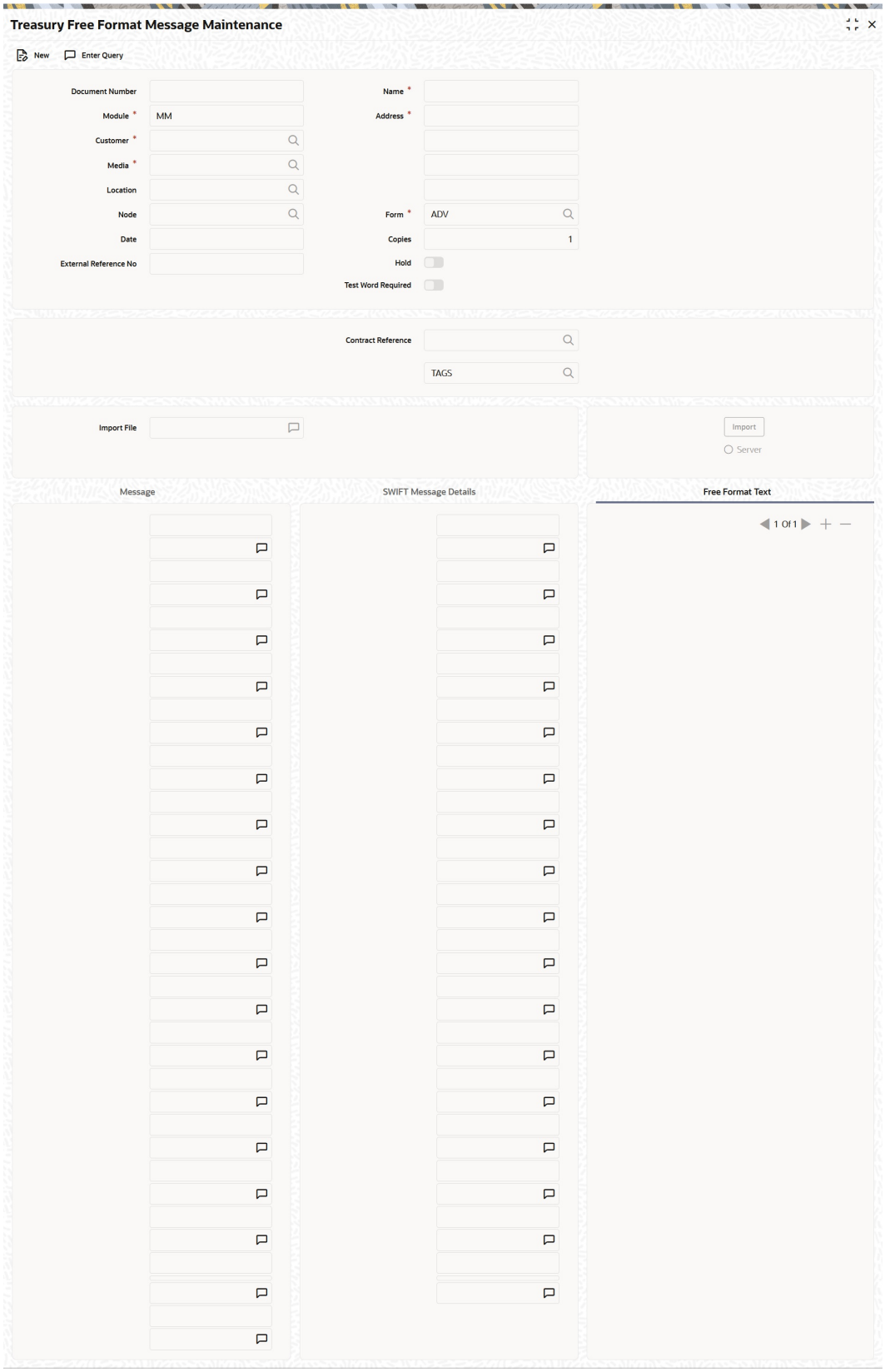
Maintain Free Format Message - Free Format Text Tab

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



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

Table 8-4 Free Format Text Tab - Field Description

Field	Description
Template Id	Select template id from the option list. Click the **P** button to populate the template details into field 79 by resolving the substitution variables. The fields under Tag 79 can be modified. However, the substitution variables are already resolved and defaulted. While modifying the message, specify the values directly and not the substitution variables again. The system formats the amount and date based on default format at the application level.

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 8-5 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

Table 8-5 (Cont.) Keywords

Keyword	Significance
#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.

8.2 Maintain SWIFT FFT Template

This topic provides systematic instructions to maintain SWIFT FFT template.

The system has the facility to create SWIFT templates for free format messages with the help of a resolver for predefined variable fields such as Amount, Applicant/Beneficiary Name, Tenor, Maturity, etc.). This helps avoid predation of messages which are repetitive such as bill acceptance message, Payment tracers, etc. A dictionary of field resolvers is available in Oracle FLEXCUBE Universal Banking. The user can create the template as and when required with the combination of hard-coated text and the field resolvers. The user can define templates for Free Format Messages which contain Template id, Language code and Free Format Text by using the **Treasury Swift FFT Template Maintenance** screen.

1. From the **Home page**, navigate to the **Treasury Swift FFT Template Maintenance** screen.

   Treasury Swift FFT Template Maintenance screen is displayed.

2. On **Treasury Swift FFT Template Maintenance** screen, specify the details.

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

Table 8-6 Treasury Swift FFT Template Maintenance - Field Description

Field	Description
Template Id	Specify the template id.
Language Code	Specify a valid language code from the adjoining option list.
Free Format Text	Specify the Substitution Variables. These variables can be identified by prefixing them with @ or by some other special character.
SWIFT Message Type	Select the Swift Message type from the drop-down list. • **MT499** • **MT799** • **MT999**

Following are the substitute variables:

Table 8-7 Swift Message Type MT499

Substitution Variables	Description
OLD_ADV	Old Advising bank before the amendment
APP_BANK	Applicant Bank
CLAIM_BANK	Claiming Bank
CNF_BANK	Confirming Bank
ADV_BANK	Advising Bank
ADV_THRU_BANK	Advice Thru Bank
LATEST_SHIPMENT_-DATE	Latest Shipment Date
SHIPMENT_PERIOD	Shipment Period
CONFIRMED_AMT	Confirmed LC Amount
UNCONFIRMED_AMT	Unconfirmed LC Amount
AVAILED_AMOUNT	Availed Amount
REB_UT_AMOUNT	Reimbursement Amount undertaken
REB_NUT_AMOUNT	Reimbursement Amount not undertaken
DRAWER	Drawer
DRAWEE	Drawee
FORFAIT_HOUSE	Forfaiting house / bank
REMIT_BANK	Remitting Bank
COL_BANK	Collecting Bank
DISC_BANK	Discounting Bank
NEGO_BANK	Negotiating Bank
TRF_BANK	Transferee Bank
BILL_AMT	Bill Amount
BILL_CCY	Bill Currency
OS_AMOUNT	Bill Outstanding amount
VALUE_DATE	Bill Value date
TRANSACTION_DATE	Bill transactions date
TRANSIT_DAYS	Transit days
BILL_TENOR	Bill Tenor
BILL_MATURITY	Bill Maturity date
LIQUIDATION_DATE	Bill Liquidation date
INCO_TERM	Inco Term
OUR_LC_REF	Our LC Ref No
THEIR_LC_REF	Their LC Ref No
BC_CONTRACT_REF	BC Contract Reference Number
BC_USER_REF	BC User Reference Number
BROK_DETAILS	Broker, Brokerage and Brokerage Currency
SHIPMENT_FROM	Shipment From
SHIPMENT_TO	Shipment To

Table 8-8 Swift Message Type MT799

Substitution Variables	Description
LC_AMOUNT	LC Amount
LC_CCY	LC Currency
LC_LIABILITY	LC Outstanding Amount
ISSUE_DATE	LC Issue Date
LC_TENOR	LC Tenor
EXPIRY_DATE	LC Expiry Date
CLOSURE_DATE	LC Closure Date
LC_CONTRACT_REF	LC Contract Reference Number
LC_USER_REF	LC User Reference Number
SHIPMENT_FROM	Shipment From
SHIPMENT_TO	Shipment To
PORT_LOADING	Port of Loading
PORT_DISCHARGE	Port of Discharge
CREDIT_AVL_WITH	Credit Available with
INCO_TERM	Inco Term
APPLICABLE_RULE	Applicable Rule
BENEFICIARY	Beneficiary
APPLICANT	Applicant
REIMB_BANK	Reimbursing Bank
OLD_BEN	Old Beneficiary before the amendment
OLD_REM	Old Reimbursing bank before the amendment

Table 8-9 Substitute Variables- MT999

Message	Substitution Variables	Description
MT999	LC_CCY	LC Currency
MT999	LC_LIABILITY	LC Outstanding Amount
MT999	ISSUE_DATE	LC Issue Date
MT999	LC_TENOR	LC Tenor
MT999	EXPIRY_DATE	LC Expiry Date
MT999	EXPIRY_PLACE	LC Expiry Place
MT999	CLOSURE_DATE	LC Closure Date
MT999	LC_CONTRACT_REF	LC Contract Reference Number
MT999	LC_USER_REF	LC User Reference Number
MT999	SHIPMENT_FROM	Shipment From
MT999	SHIPMENT_TO	Shipment To
MT999	PORT_LOADING	Port of Loading
MT999	PORT_DISCHARGE	Port of Discharge
MT999	CREDIT_AVL_WITH	Credit Available with
MT999	INCO_TERM	Inco Term
MT999	APPLICABLE_RULE	Applicable Rule
MT999	BENEFICIARY	Beneficiary

Table 8-9 (Cont.) Substitute Variables- MT999

Message	Substitution Variables	Description
MT999	APPLICANT	Applicant
MT999	REIMB_BANK	Reimbursing Bank
MT999	OLD_BEN	Old Beneficiary before the amendment
MT999	OLD_REM	Old Reimbursing bank before the amendment
MT999	OLD_ADV	Old Advising bank before the amendment
MT999	APP_BANK	Applicant Bank
MT999	CLAIM_BANK	Claiming Bank
MT999	CNF_BANK	Confirming Bank
MT999	ADV_BANK	Advising Bank
MT999	ADV_THRU_BANK	Advice Thru Bank
MT999	LATEST_SHIPMENT_- DATE	Latest Shipment Date
MT999	SHIPMENT_PERIOD	Shipment Period
MT999	CONFIRMED_AMT	Confirmed LC Amount
MT999	UNCONFIRMED_AMT	Unconfirmed LC Amount
MT999	AVAILED_AMOUNT	Availed Amount
MT999	REB_UT_AMOUNT	Reimbursement Amount undertaken
MT999	REB_NUT_AMOUNT	Reimbursement Amount not undertaken
MT999	DRAWER	Drawer
MT999	DRAWEE	Drawee
MT999	FORFAIT_HOUSE	Forfaiting house/bank
MT999	REMIT_BANK	Remitting Bank
MT999	COL_BANK	Collecting Bank
MT999	DISC_BANK	Discounting Bank
MT999	NEGO_BANK	Negotiating Bank
MT999	TRF_BANK	Transferee Bank
MT999	BILL_AMT	Bill Amount
MT999	BILL_CCY	Bill Currency
MT999	OS_AMOUNT	Bill Outstanding amount
MT999	VALUE_DATE	Bill Value date
MT999	TRANSACTION_DATE	Bill transactions date
MT999	TRANSIT_DAYS	Transit days
MT999	BILL_TENOR	Bill Tenor
MT999	BILL_MATURITY	Bill Maturity date
MT999	LIQUIDATION_DATE	Bill Liquidation date
MT999	INCO_TERM	Inco Term
MT999	OUR_LC_REF	Our LC Reference Number
MT999	THEIR_LC_REF	Their LC Reference Number
MT999	BC_CONTRACT_REF	BC Contract Reference Number

Table 8-9 (Cont.) Substitute Variables- MT999

Message	Substitution Variables	Description
MT999	BC_USER_REF	BC User Reference Number
MT999	BROK_DETAILS	Broker, Brokerage and Brokerage Currency
MT999	SHIPMENT_FROM	Shipment From
MT999	SHIPMENT_TO	Shipment To

In case of a Bill contract under an LC, the system resolves all tags applicable to MT799 and MT499. In such cases, the tags related to Bills are resolved based on the corresponding Bill contract. Similarly, the tags related to LC are resolved based on the LC contract which is linked to the Bill contract.

3. 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

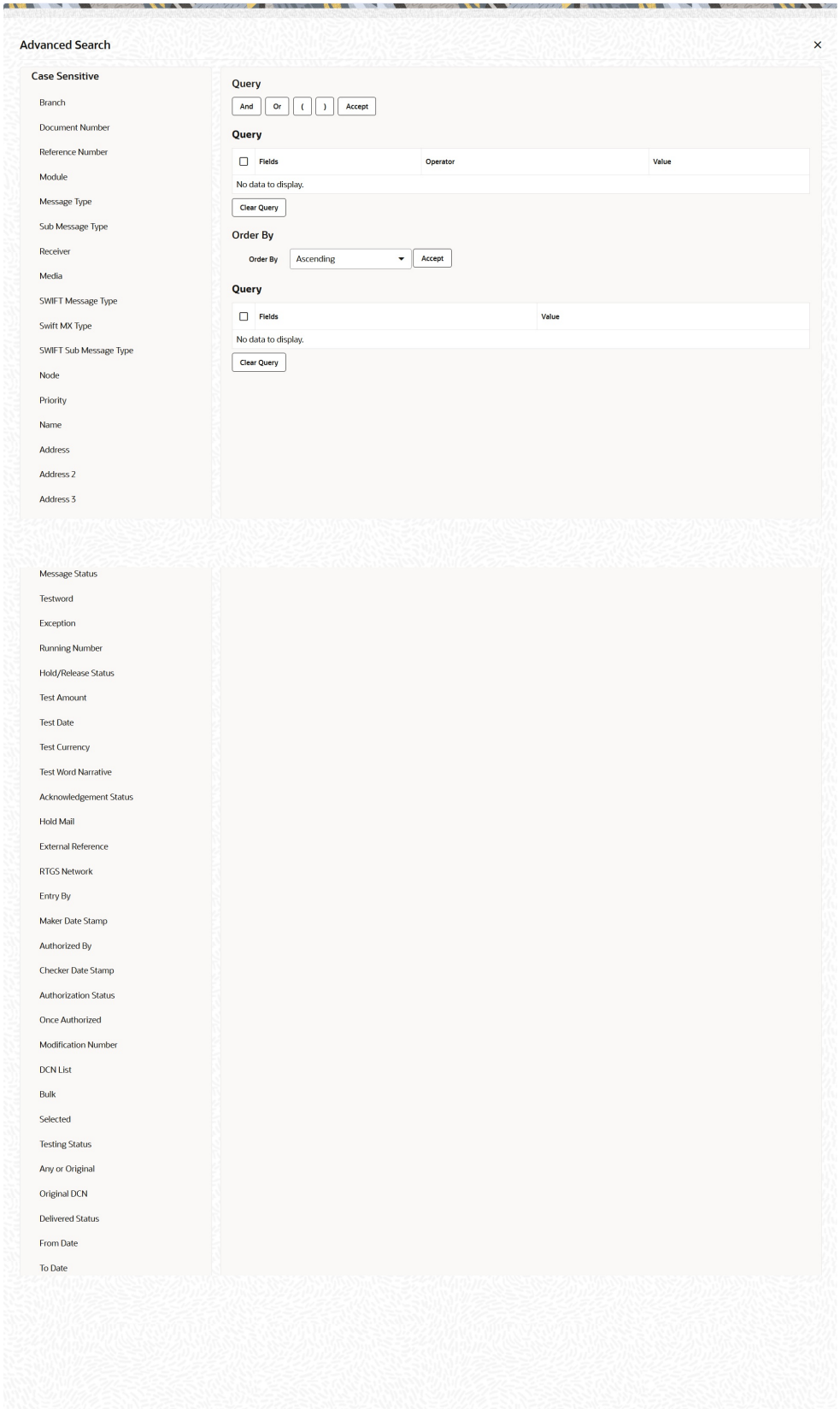
9.1 Launch Advanced Search Screen

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



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

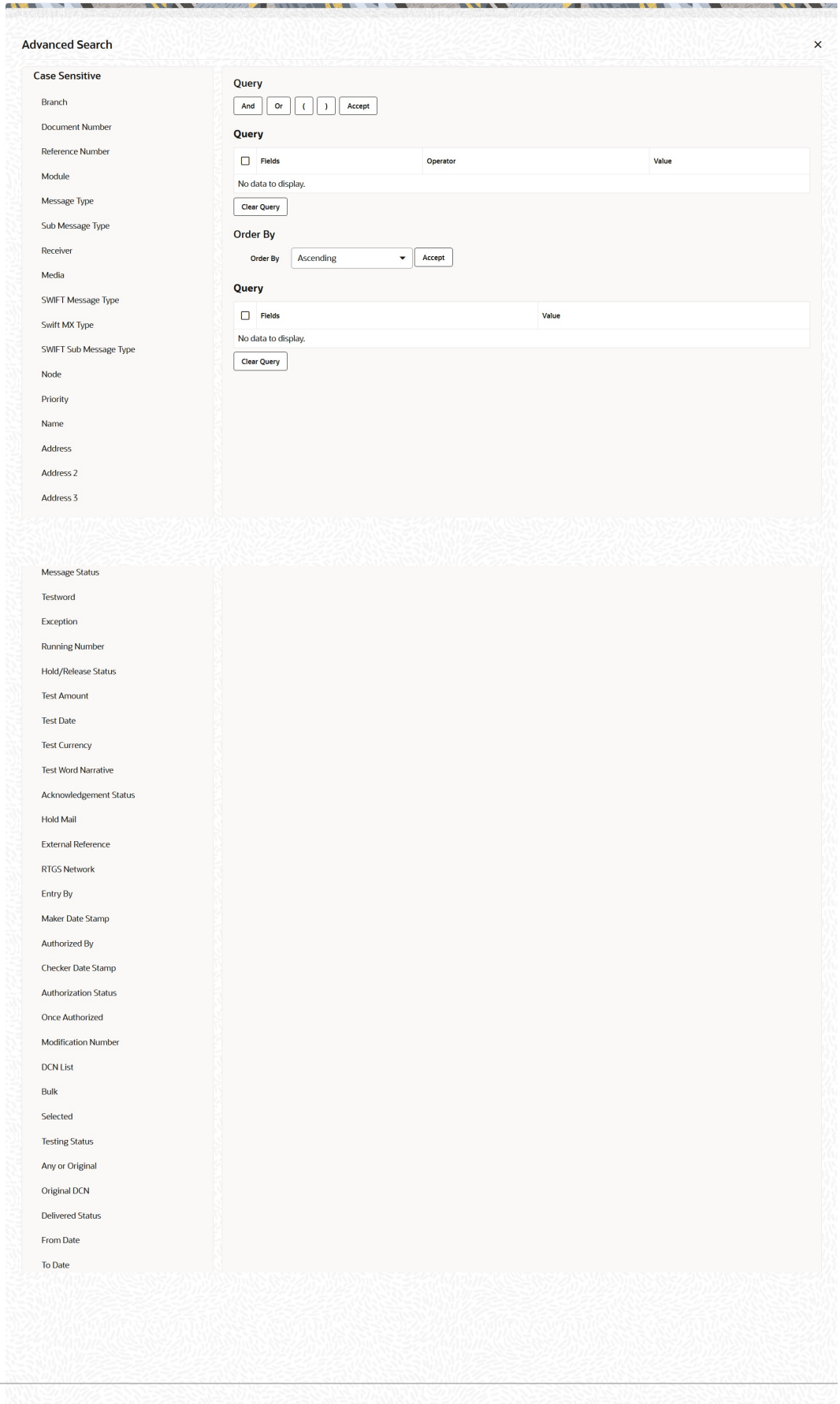
This topic provides the systematic instructions to order details of query.

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



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.

10
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
- Treasury Markets - Metals

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/ Recouponing Confirmation
  This topic describes the MT 364 single currency interest rate derivative termination/recouponing confirmation.

- MT 365 Cross Currency Interest Rate Swap Termination/Recouponing Confirmation
  This topic describes the MT 365 Cross Currency Interest Rate Swap Termination/ Recouponing 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

Table 10-3 (Cont.) Mandatory Sequence B Transaction Details

Field Tag	Field Name	Format	Mandatory/Optional
30V	Value 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
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

Table 10-7 (Cont.) Optional Sequence D Split Settlement Details

Field Tag	Field Name	Format	Mandatory/Optional
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

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

Field Tag	Field Name	Format	Mandatory/Optional
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
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	Value 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

Table 10-11 (Cont.) Mandatory Subsequence B2 Amount Sold

Field Tag	Field Name	Format	Mandatory/Optional
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
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
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
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
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

Table 10-24 (Cont.) Optional Sequence E Payout Amount

Field Tag	Field Name	Format	Mandatory/Optional
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
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

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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

Table 10-31 (Cont.) Format Specifications: Mandatory Sequence A General Information

Field Tag	Field Name	Format	Mandatory/Optional
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
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 Jl	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
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

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

Field Tag	Field Name	Format	Mandatory/Optional
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
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
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
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
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

Table 10-54 (Cont.) Mandatory Sequence C Settlement Instructions for Amounts Payable by Party A

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 10-55 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
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
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

Table 10-63 (Cont.) Mandatory Subsequence B2 Other Details

Field Tag	Field Name	Format	Mandatory/Optional
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

Table 10-67 (Cont.) Optional Sequence F Additional Amounts

Field Tag	Field Name	Format	Mandatory/Optional
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
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

Table 10-69 (Cont.) Mandatory Sequence B Transaction Details

Field Tag	Field Name	Format	Mandatory/Optional
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
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
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

Table 10-87 (Cont.) Optional Subsequence E1 Interest Details

Field Tag	Field Name	Format	Mandatory/Optional
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
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

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

Field Tag	Field Name	Format	Mandatory/Optional
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 10-95 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

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

Field Tag	Field Name	Format	Mandatory/Optional
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 10-98 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

Table 10-99 (Cont.) Optional Sequence D Interest Rate/Principal Payable by Party A

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 10-100 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/ Recouponing Confirmation

This topic describes the MT 364 single currency interest rate derivative termination/ recouponing 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 recouponing of a single currency interest rate swap, a cap, a collar or a floor. The terminated/recouponed 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 recouponing of an existing transaction
- correct a previously sent termination/recouponing
- cancel a previously sent termination/recouponing

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/ Recouponing Trade Date	8!n	M
30Q	Termination/ Recouponing 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

Table 10-101 (Cont.) Format Specifications: Mandatory Sequence A General Information

Field Tag	Field Name	Format	Mandatory/Optional
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

Table 10-105 (Cont.) Optional Sequence M Fee Payable by Party A

Field Tag	Field Name	Format	Mandatory/Optional
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/ Recouponing Confirmation

This topic describes the MT 365 Cross Currency Interest Rate Swap Termination/ Recouponing 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 recouponing of a cross currency interest rate swap. The terminated/recouponed 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 recouponing of an existing transaction
- correct a previously sent termination/recouponing
- cancel a previously sent termination/recouponing

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

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

Field Tag	Field Name	Format	Mandatory/Optional
30T	Termination/ Recouponing Trade Date	8!n	M
30Q	Termination/ Recouponing 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
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
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

Table 10-112 (Cont.) Optional Sequence M Fee 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

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 cancellantion 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		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
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		Start of Block	LINK	M
13a	Number Identification	Linked Message	A or B	O
20C	Reference	(see qualifier description)	:4!c//16x	M
16S		End of Block	LINK	M
16S		End of Block	GENL	M

Table 10-118 Mandatory Sequence B Confirmation Details

Field Tag	Field Name	Field Description	Format	Mandatory/ Optional
16R		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

Table 10-118 (Cont.) Mandatory Sequence B Confirmation Details

Field Tag	Field Name	Field Description	Format	Mandatory/ Optional
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		Start of Block	SETDET	M

Table 10-121 (Cont.) Optional Sequence C Settlement Details

Field Tag	Field Name	Field Description	Format	Mandatory/ Optional
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		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		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
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		End of Block	CSHPRTY	M

Table 10-124 Optional Repetitive Subsequence C3 Amounts

Field Tag	Field Name	Field Description	Format	Mandatory/ Optional
16R		Start of Block	AMT	M

Table 10-124 (Cont.) Optional Repetitive Subsequence C3 Amounts

Field Tag	Field Name	Field Description	Format	Mandatory/ Optional
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		End of Block	AMT	M

Table 10-125 Optional Repetitive Sequence D Other Parties

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
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 10-126 Optional Sequence E 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
99B	Number Count	(see qualifier description)	:4!c//3!n	O

Table 10-126 (Cont.) Optional Sequence E Two Leg Transaction Details

Field Tag	Field Name	Field Description	Format	Mandatory/ Optional
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

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	TRADDET	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	TRADDET	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
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

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

Field Tag	Field Name	Field Description	Format	Mandatory/ Optional
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	TRADDET	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	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	TRADDET	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

Table 10-138 (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		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
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

Table 10-141 (Cont.) Mandatory Repetitive Subsequence E1 Settlement Parties

Field Tag	Field Name	Field Description	Format	Mandatory/ Optional
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

Table 10-144 (Cont.) Mandatory Sequence A General Information

Field Tag	Field Name	Field Description	Format	Mandatory/ Optional
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	TRADDET	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	TRADDET	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
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

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

Field Tag	Field Name	Field Description	Format	Mandatory/ Optional
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
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	TRADDET	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	TRADDET	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
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

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

Field Tag	Field Name	Field Description	Format	Mandatory/ Optional
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
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

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

Field Tag	Field Name	Field Description	Format	Mandatory/ Optional
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 cancellantion 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

Table 10-163 (Cont.) Format Specifications

Field Tag	Field Name	Format	Mandatory/Optional
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

10.3 Treasury Markets - Metals

This topic contains the following sub-topics:

- MT 643 Notice of Drawdown/Renewal
- MT 644 Advice of Rate and Amount Fixing
  This topic describes the MT 644 Advice of Rate and Amount fixing message formats and its specifications.
- MT 645 Notice of Fee Due
  This topic describes the MT 645 Notice of Fee Due message formats.
- MT 646 Payment of Principal and/or of Interest
  This topic describes the MT 646 payment of principal and/or of interest message formats.

10.3.1 MT 643 Notice of Drawdown/Renewal

This message type is sent by the agent of the facility to the providers of funds. It gives notice of the borrower(s) request for drawdown(s)/renewal(s) on a given date. This request may require the provision of new funds or the re-borrowing of previously disbursed funds. The MT 643 allows for the handling of drawdown(s)/renewal(s) with differing characteristics. It specifies the currency (ies), amount(s), period(s) and interest rate origin(s).

Maximum Length: 2000

Table 10-165 Mandatory Sequence A Identification of the Facility

Field Tag	Field Name	Format	Mandatory/Optional
20	Transaction Reference Number	16x	M
21	Related Reference	16x	O
23	Further Identification	16x	M
27	Sequence of Total	1!n/1!n	O
29A	From	4*35x	O
29B	To the Attention of	4*35x	O
88D	Borrower(s)	[/1!a][/34x]4*35x	NA
32A	Original Facility Amount	6!n3!a15d	M

Table 10-166 Optional Repetitive Sequence B Existing Drawings

Field Tag	Field Name	Format	Mandatory/Optional
26P	Drawing Identification	3!a/4x	M
31F	Drawdown Period	6!n[/6!n][//35x]	O
32P	Repayment of Principal	6!n3!a15d	O
33a	Interest Amount	P or R	M
71C	Details of Adjustments	6*35x	O
34a	Net Interest Amount	P or R	O
57a	Account With Institution	A, B, or D	O
72	Sender to Receiver Information	6*35x	O

Table 10-167 Mandatory Repetitive Sequence C New Drawing(s)

Field Tag	Field Name	Format	Mandatory/Optional
26N	Drawing Identification (New)	3!a/4x	M
32E	Selected Currency	3!a	O
31F	Drawdown Period	6!n[/6!n][//35x]	M
31R	Rate Fixing Date	6!n[/6!n]	O
32B	Amount of Drawdown	3!a15d	M
33B	Receiver's Participation	3!a15d	M
57a	Account With Institution	A, B, or D	O
72	Sender to Receiver Information	6*35x	O

10.3.2 MT 644 Advice of Rate and Amount Fixing

This topic describes the MT 644 Advice of Rate and Amount fixing message formats and its specifications.

This message type is sent by the agent of the facility to the providers of funds. It specifies the interest rate applicable for a drawdown/renewal for a specified interest period, whether the end date of that period is set or not. When applicable, this message type will also set the exchange rate.

Maximum Length: 2000

Table 10-168 Mandatory Sequence A Identification of the Facility

Field Tag	Field Name	Format	Mandatory/Optional
20	Transaction Reference Number	16x	M
21	Related Reference	16x	O
27	Sequence of Total	1!n/1!n	O
29A	From	4*35x	O
29B	To the Attention of	4*35x	O
88D	Borrower(s)	[/1!a][/34x]	M
32A	Original Facility Amount	6!n3!a15d	M

Table 10-169 Mandatory Repetitive Sequence B Specification of the Drawing and Related Data

Field Tag	Field Name	Format	Mandatory/Optional
26a	Drawing Identification	N or P	M
31F	Interest Period	6!n[/6!n][//35x]	M
33B	Receiver's Participation	3!a15d	O
36	Exchange Rate	12d	O
37G	Basis Rate	[N]12d	M
37M	Interest Margin	[N]12d	O
37R	Reserve Interest	[N]12d	O
37a	Total Interest Rate	A, B, C, D, E, or F	O
34a	Differential Amount	P or R	O
57a	Account With Institution	A, B, or D	O
72	Sender to Receiver Information	6*35x	O

10.3.3 MT 645 Notice of Fee Due

This topic describes the MT 645 Notice of Fee Due message formats.

This message type is sent by the agent of the facility to the signatories thereto or to the parties to the offer. It specifies flat and variable fees, payable on the same date, which are due to the Receiver.

Maximum Length: 2000

Format Specifications

Table 10-170 Mandatory Sequence A Identification of the Facility and Flat Fees

Field Tag	Field Name	Format	Mandatory/Optional
20	Transaction Reference Number	16x	M
21	Related Reference	16x	O
29A	From	4*35x	O
29B	To the Attention of	4*35x	O
88D	Borrower(s)	[/1!a][/34x]4*35x	M
32A	Original Facility Amount	6!n3!a15d	M
71B	Flat Fees	6*35x	O

Table 10-171 Optional Repetitive Sequence B Variable Fees

Field Tag	Field Name	Format	Mandatory/Optional
23	Type of Fee	16x	M
31F	Fee Period	6!n[/6!n][//35x]	M
33B	Computation Base Amount	3!a15d	O
34B	Fee Amount	3!a15d	M
37a	Fee Rate	A, B, C, D, E, or F	O
72	Sender to Receiver Information	6*35x	O

Table 10-172 Mandatory Sequence C Summation of Fees

Field Tag	Field Name	Format	Mandatory/Optional
71C	Summary of Variable Fees	6*35x	O
33A	Total Fees	6!n3!a15d	M
34A	Amount to be Transferred	6!n3!a15d	O
57a	Account With Institution	A, B, or D	O
72	Sender to Receiver Information	6*35x	O

10.3.4 MT 646 Payment of Principal and/or of Interest

This topic describes the MT 646 payment of principal and/or of interest message formats.

This message type is sent by the agent of a facility to the providers of funds. It provides advice of payments and/or prepayments of principal and/or payment of interest on the same

value date, which are not related to any subsequent drawing or renewal. It specifies (to the Receiver) the amount with respect to principal and/or interest.

Maximum Length: 2000

Table 10-173 Mandatory Sequence A Identification of the Facility

Field Tag	Field Name	Format	Mandatory/Optional
20	Transaction Reference Number	16x	M
21	Related Reference	16x	O
23	Further Identification	16x	M
29A	From	4*35x	O
29B	To the Attention of	4*35x	O
88D	Borrower(s)	[/1!a][/34x]4*35x	M
32A	Original Facility Amount	6!n3!a15d	M
26P	Drawing Identification	3!a/4x	O

Table 10-174 Mandatory Repetitive Sequence B Interest Calculation

Field Tag	Field Name	Format	Mandatory/Optional
31F	Interest Period	6!n[/6!n][//35x]	O
33B	Computation Base Amount	3!a15d	O
34N	Interest Amount	[N]6!n3!a15d	O
37a	Interest Rate	A, B, C, D, E, or F	O
72	Sender to Receiver Information	6*35x	O

Table 10-175 Mandatory Sequence C Principal Payment/Sum of Interest Due

Field Tag	Field Name	Format	Mandatory/Optional
32A	Total Principal Amount Repaid/Prepaid	6!n3!a15d	M
32N	Principal Amount Due to Receiver	[N]6!n3!a15d	O
33N	Gross Interest Amount Due to Receiver	[N]6!n3!a15d	O
34N	Net Interest Amount Due to Receiver	[N]6!n3!a15d	O
34a	Total Amount Transferred	P or R	O
57a	Account With Institution	A, B, or D	O
71C	Details of Adjustments	6*35x	O
72	Sender to Receiver Information	6*35x	O

11

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	BankToCustomerDebitCreditNotification
MT 910	Confirmation of Credit	camt.054	BankToCustomerDebitCreditNotification

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.

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

11.2 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

- 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*.

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