Swift

FIN

System Messages

This reference guide provides a formal description of the structure and fields of the FIN category 0 messages, comprising the service and system messages. It is intended as reference information for FIN interface operators and developers.

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Preface

About this document

This reference guide provides a formal description of the structure and fields of Swift category 0 messages, including information on the:

- structure of each service message
- structure of each General Purpose Application or financial (FIN) system message
- meaning of tags and fields used in service and system messages

The technical details contained in this document are also of use to an organisation that is developing its own FIN interface.

Audience

This reference guide can be read by anyone, wishing to gain an understanding of the features and functions of FIN messaging.

Significant changes

There are no significant changes to the content of the **FIN System Messages** since the 22 July 2022 edition. This document has been republished as part of the Standards release 2023 documentation set.

Introduction

General

This document describes the structure and content of all service and system messages. It is intended as reference information for FIN interface operators and developers.

See the FIN Service Description and the FIN Operations Guide for functional descriptions of these messages.

For a detailed description of user-to-user messages, see the Standards MT Message Reference Guides.

Service Messages and System Messages

The FIN service makes use of the following main types of Swift message:

- **System messages** (MT category 0) which relate to either the sending or receiving of messages used to customise a user's FIN operating environment. For example:
  - User-to-Swift messages (for example, Retrievals)
  - Swift-to-user messages (for example, Retrieved Messages, Non-Delivery Warnings). The maximum output length of a system message is generally 2,000 characters. Except for MT 029, MT 066, MT 082, and MT 083 for which the maximum output length is 10,000 characters. And MT 021 for which the maximum output length can exceed 10,000 characters depending on the size of the original message.
- **User-to-user messages** (MT categories 1-9) which enable users to perform financial transactions.
- **Service messages** which relate either to system commands (for example, LOGIN) or to acknowledgements (for example, positive acknowledgement, select negative acknowledgement, positive user acknowledgement).

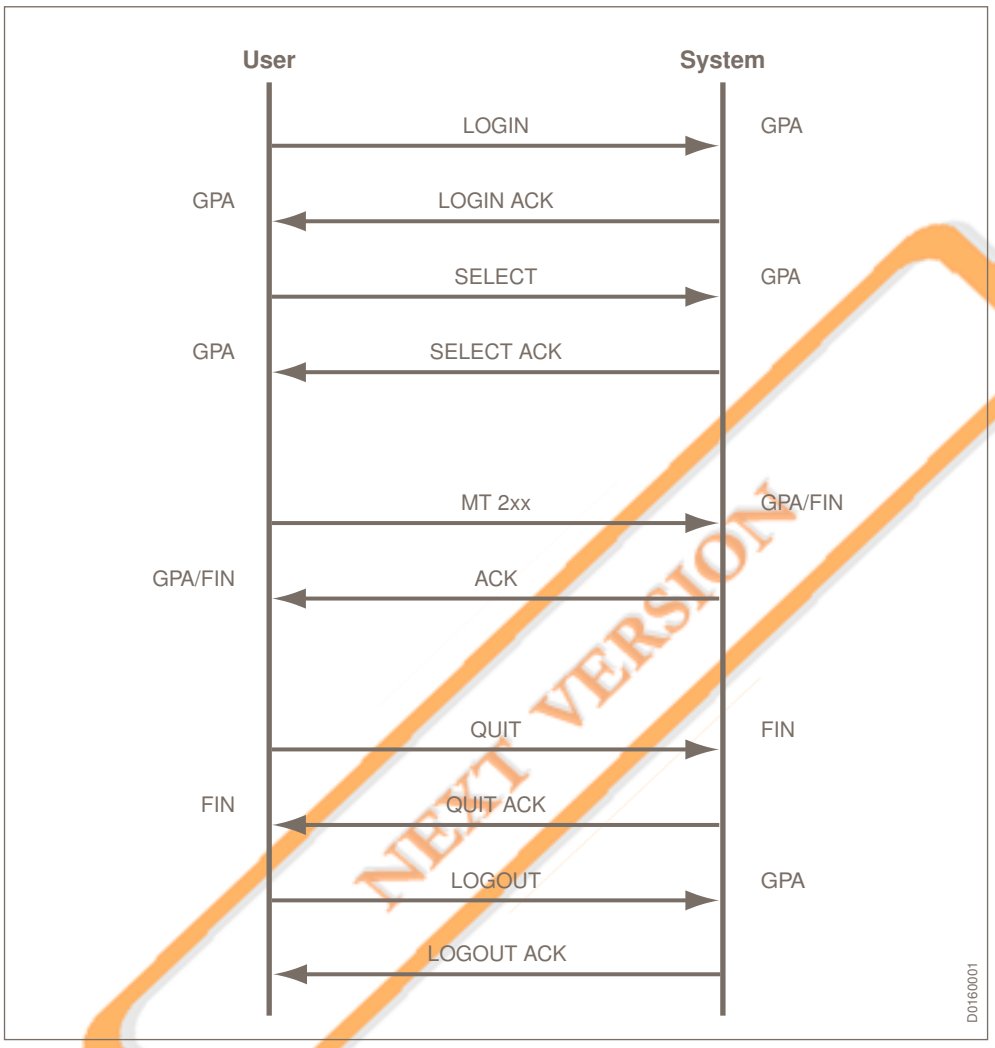
Service messages have their own 2-digit numbering scheme, while system and user-to-user messages are identified by a 3-digit number, where the first digit identifies the message category.

Service messages exist for the exchange of operational instructions between the FIN interface operator and Swift, in order to mutually manage the General Purpose Application and FIN sessions and related message exchange. They cater for many of the access and control functions within the system. Though not always seen by users, because the FIN interface automatically deals with them, service messages such as LOGIN, SELECT, QUIT, LOGOUT, and system and user acknowledgements, have a similar structure to system and user-to-user messages.

Figure 1. Usage of Service Messages on page 7 shows how a session is set up by means of service messages. Figure 2. Typical System Messages on page 8 shows a typical exchange of requests from the user and the relevant response or report from the Swift system. The diagrams show which applications (General Purpose Application or FIN) are used to send the message. In Service Messages

on page 12 and General Purpose Application and FIN System Messages on page 29, each message description specifies which application is involved.

Figure 1. Usage of Service Messages



In Figure 1. Usage of Service Messages on page 7, the user logs in by means of a service message called a LOGIN request, which gives the user access to the General Purpose Application. The system replies with an acknowledgement service message, which indicates that everything is in order. Then, the user uses the service message 03 Select Command on page 13 to select an application, for example FIN, and receives the acknowledgement from the system. Now, a series of system messages can be exchanged (see Figure 2. Typical System Messages on page 8). Each message is positively acknowledged, as shown in Figure 1. Usage of Service Messages on page 7, or rejected by means of a negative acknowledgement (NAK).

Figure 1. Usage of Service Messages on page 7 shows that, once the user has completed a session with the system, the user stops using the FIN application by means of the service message 05 Quit Command on page 15 and logs out with a LOGOUT command.

Figure 2. Typical System Messages

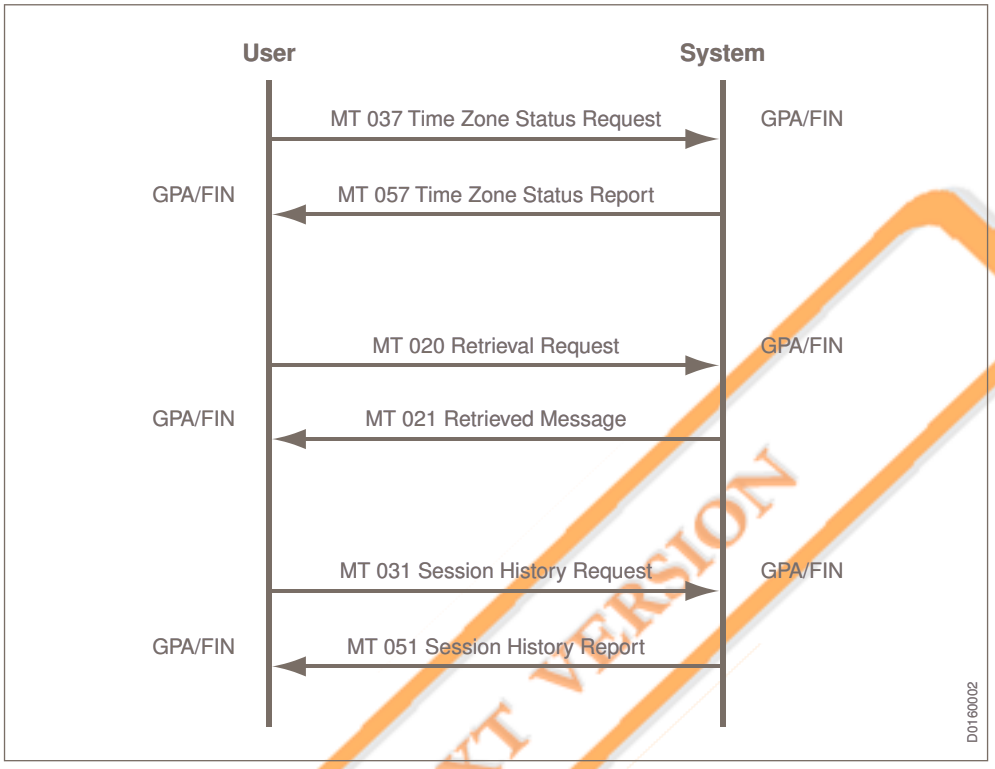


Figure 2. Typical System Messages on page 8 shows a typical exchange of system messages between the user and system.

First, the user requests the local time in use within a given time zone by means of an MT 037 Time Zone Status Request on page 71, receiving the report in an MT 057 Time Zone Status Report on page 94. Later, the user may decide to request a copy of a message that was sent recently. The user does this with an MT 020 Retrieval Request (Text and History) on page 35, receiving the headers, text and trailers of the message in an MT 021 Retrieved Message (Text and History) on page 41.

Finally, the user may send an MT 031 Session History Request on page 68 to request the details of a particular General Purpose Application or FIN session. The system sends back the statistical data in an MT 051 Session History Report on page 85.

Notation Conventions

This section explains the conventions used in Service Messages on page 12 and General Purpose Application and FIN System Messages on page 29, in order to represent the format of block 4 (text) of a Swift system or service message.

1. The order of the fields in a message must be observed.
2. For each message, the fields, and field groups, are listed in tables. The tables have the following columns:
   - **Reps** (Repetitions). This column indicates the following:
     - Whether the field is mandatory (1) or optional (0-1).
     - Whether or not the field or field group can be repeated.

     For example, 1-3 indicates that the field can be repeated up to three times. 0-8 indicates that the field is optional and, if used, can be repeated up to eight times.

     If a series of values can appear for a particular field (for example 205:`<value1><value2>`... and so on), this is explained in the **Content/Comments** column.
   - **Tag**. The tag number of the field.
   - **Field**. The name of the field. The name often relates to multiple fields, which are explained fully in Tags and Fields on page 143.
   - **Content/Comments**. This column provides a brief explanation of the field and may occasionally remain empty. Angle brackets are used for variable parameters. See Tags and Fields on page 143 for a full explanation of the field.
3. A mandatory choice of one field or field group from several possibilities is explained by means of text at the start of, or within, a table. The groups are delimited by lines within the table. For example:

   Use ONE of the following field groups:

Field Group 1:			
0-8	335	report-line	For each message, the report line gives: • The time, local to the sender, when the message entered the system • The message input reference of the message being reported • The message type (of the message being reported) • The intended receiver's address • The time, local to the receiver, when the last delivery attempt was made Fields 335 and 108 may be repeated up to a maximum of 8 times each.
AND			
0-8	108	mur	Optional message user reference of the reported message. This message user reference is assigned by the sender and contains one of the following: • Message user reference as used in the header of the original message if present • Contents of field 20 of the original message, if the message user reference was not present • Contents of field 20C, with the code word SEME and the number (only for category 5 messages)

Field Group 2:			
0-1	431	msg-status	Message status (for example, whether delivered or aborted). See FIN Error Codes for the full set of error codes.
AND			
0-1	103	service-code	FINCopy service code.
0-1	461	report-code	Report error code. See FIN Error Codes for a full set of error codes.
1	263	mur-input	Input message user reference, containing input logical terminal, input date, input time range and input session.
AND			
1	108	mur	Message user reference.
OR			
0-1	153	1st-osn	First output sequence number to be retrieved in a multiple output message retrieval.
Field Group 3:			
1	461	report-code	Report error code. See FIN Error Codes for the full set of error codes.

4. AND between fields in the table indicates that the second field is only included if the first field is present. OR between fields in the table indicates that only one of the fields can be included.
5. See Tags and Fields on page 143, for details of field attributes such as length and type. The full rules for the notation of field attributes can be found in the Standards MT General Information.

   These rules can be summarised as follows:

Field Length		Field Type	
nn	maximum length (minimum is 1)	n	numeric digits (0 through 9) only
nn-nn	minimum and maximum length	a	alphabetic letters (A through Z), upper case only
nn!	fixed length	x	any character of the X character set, both upper and lower case allowed (see the FIN Operations Guide)
*nn	maximum number of times this field, subfield, or element is repeatable	y	any character of the Y character set (EDIFACT Level A character set), upper case only (see the FIN Operations Guide)
nn*nn	maximum number of lines multiplied by maximum line length	z	any character of the Z character set (see the FIN Operations Guide)
		c	alphanumeric characters only (all alphabetic characters - letters - in upper case)
		h	hexadecimal letters and digits only (all letters - A through F - in upper case)

Field Length		Field Type	
		s	sign (+ or -)
		e	blank or space
		A	alphabetic letters, upper or lower case (A through Z, a through z)
		B	alphanumeric characters, upper or lower case (A through Z, a through z, 0 through 9)

6. The following symbols, with explanations, are used throughout this document:

( )	Round brackets are used to indicate variable parameters.
< >	Angle brackets are used to indicate valid field names.
{ }	Curly brackets are used to indicate message block and field tag delimiters.
[ ]	Square brackets are used to indicate optional values.

Note *The right-curly-bracket character "}" is not defined in any of the X, Y, or Z character sets. It cannot be used in the text of a FIN message, but only as End of Field indicator in General Purpose Application and FIN system messages and as End of Block indicator in all messages, that is, every block begins with "{" and ends with "}". See the FIN Operations Guide for a full definition of message structure.*

Message Samples

In Service Messages on page 12 and General Purpose Application and FIN System Messages on page 29, message samples are provided. These samples are distinguished from the rest of the text by being in courier font.

Example

```
{202:<section-number>}
```

Service Messages

02 Login Request Message

This message allows the system to verify whether the sending logical terminal is an authorised system user.

This message cannot be issued by a synonym.

From: User **To:** General Purpose Application

Format

Reps	Tag	Field	Content/Comments
1	110	window-size	Maximum number of messages sent or received without waiting for or sending acknowledgement. Value is always 1 for the General Purpose Application.
0-1	329	reconnect-allowed	Reconnect allowed option, where: • Y = yes. Reconnect allowed • N (or any character other than Y) = no. No reconnect allowed
0-1	330	current-session-info	Current session information, for example, `00250000450000440000500000501` where: • `<session-number>` = 0025 • `<isn>` = 000045 • `<isnnak>` = 000044 • `<osn>` = 000050 • `<osnnak>` = 000050 • `<ack-replay-indicator>` = 1
0-1	328	graceful-shutdown-indication-allowed	Graceful shutdown indication allowed option, where: • Y= yes. Graceful shutdown indication allowed. • N (or any character other than Y) = no. Graceful shutdown indication not allowed. This is the default value.

Notes

Any user who does not get a response from the system to a Login Request Message should contact the Customer Support Centre.

The default branch identifier `xxx` must be used in this message.

Example

Login request:

{1:L02BANKBEBBAXXX}	Basic header containing: • Application identifier **L** • Service identifier **02** • LT address **BANKBEBBA** • The mandatory branch identifier **XXX**
{4:	Text block
{110:001}	
{329:N}	Reconnection is not allowed.
{328:N}}	FIN interface is not able to handle the graceful shutdown indication.

Re-login request:

{1:L02BANKBEBBAXXX}	Basic header
{4:	Text block
{110:001}	
{329:Y}	
{330:0025000045000044000050000501}	Current session information added: • Session number **0025** • Input sequence number **000045** • Input sequence number negative acknowledgement **000044** • Output sequence number **000050** • Output sequence number negative acknowledgement **000050** • Positive acknowledgement replay indicator **1**
{328:Y}}	FIN interface is able to handle the graceful shutdown indication.

03 Select Command

This message initiates a FIN session for the logical terminal.

It also allows the user to specify the scope of the session (input/output) and the destination delivery subsets to be associated with the selecting logical terminal. The subsets are emptied in the sequence in which they are listed in the Select Command. If selected, the LT-directed queue is emptied before any other subsets.

This message cannot be issued by a synonym.

From: User **To:** General Purpose Application

Format

Reps	Tag	Field	Content/Comments
1	101	application-id	Application identifier, where F = FIN application
1	110	window-size	Maximum number of messages sent or received without waiting for or sending acknowledgement. Default FIN session window size is 12.
1	204	select-state	Logical terminal select state, where: • YN = input only • NY = output only • YY = input and output. Output refers to messages which are not LT-directed.
1	208	lt-directed-queue	Select output of messages from the LT-directed queue, where: • Y = yes • N = no
0-1	338	delivery-subset-list	Up to 30 delivery subsets can be selected.
0-1	330	current-session-info	Current session information, for example, `0025000045000044000050000050`1 where: • `<session-number>` = 0025 • `<isn>` = 000045 • `<isnnak>` = 000044 • `<osn>` = 000050 • `<osnnak>` = 000050 • `<ack-replay-indicator>` = 1

Notes

When field 204: `<select-state>` has the value NY or YY, then at least one of the following conditions must be met:

- field 208: `<lt-directed-queue>` must have the value Y
- field 338: `<delivery-subset-list>` must be defined.

When field 204: `<select-state>` has the value NY (output only), then the system only accepts the 05 Quit Command on page 15 at input.

When field 204: `<select-state>` has the value YN (input only), then field 338: `<delivery-subset-list>` cannot be defined.

Field 204: `<select-state>` with the value NN is not allowed.

The trailer block is only present if the message is sent by a Test and Training logical terminal and contains a Training trailer.

The default branch identifier `xxx` must be used in this message.

Example

Select request:

{1:A03BANKBEBBAXXX0007000005}	Basic header
{4:{101:F}	Text block
{110:012}	
{204:YY}	Select state is input/output.
{208:Y}	Messages come from the LT-directed queue.
{338:SETNO1SETNO2SETNO3}}	Three subsets are selected.

Re-select request:

{1:A03BANKBEBBAXXX0007000005}	Basic header
{4:{101:F}	Text block
{110:012}	
{204:YY}	
{208:Y}	
{338:SETNO1SETNO2SETNO3}	
{330:0055000045000044000050000501}}	Current session information added: • Session number **0055** • Input sequence number **000045** • Input sequence number negative acknowledgement **000044** • Output sequence number **000050** • Output sequence number negative acknowledgement **000050** • Positive acknowledgement replay indicator of **1**

05 Quit Command

This message causes the system to terminate the current FIN session.

This message cannot be issued by a synonym.

From: User **To:** FIN

Format

Reps	Tag	Field	Content/Comments
0-1	173	day-time	Day and time, local to the user, in the format DDHHMM.

Notes

Field 173: `<day-time>` represents a date and time before which another SELECT command cannot be performed. The Quit message is positively acknowledged and contains error code 01 if this field represents a date which is more than seven days after the current date. See the 25 Quit Acknowledgement on page 24 service message.

The text block 4 should be absent unless the user specifies field 173: `<day-time>`.

The trailer block is only present if the message is sent by a Test and Training logical terminal and contains a Training trailer.

Example

```
{1:F05VNDZBET2AXXX0017000376}
```

06 Logout Command

This message is issued by the user to terminate the General Purpose Application session.

This message cannot be issued by a synonym.

From: User **To:** General Purpose Application

Format

Reps	Tag	Field	Content/Comments
0-1	173	day-time	The date and time, local to the user, in the format DDHHMM.

Notes

Field 173: `<day-time>` represents the day and the time before which another login cannot be performed. The Logout message is positively acknowledged and contains error code 01 if this field represents a date which is more than seven days after the current date. See the 26 Logout Acknowledgement on page 26 service message.

The trailer block is only present if the message is sent by a Test and Training logical terminal and contains a Training trailer.

14 System Request to Remove Logical Terminal

This message is sent by the system to notify the user that it has aborted both the General Purpose Application session belonging to the logical terminal identified in the basic header, and the open FIN session controlled by the aborted General Purpose Application.

The FIN interface is requested to do likewise and is not expected to confirm termination of the General Purpose Application and the associated applications.

From: General Purpose Application **To:** User

Format

Reps	Tag	Field	Content/Comments
1	443	system-abort-code	Reason for system abort. See FIN Error Codes for the full set of abort codes.

16 System Request to Log Out

This message is sent from Swift to a logical terminal that is logged in with the graceful shutdown indication allowed field set to "Y" at the time of the start of a maintenance activity.

The FIN interface must immediately trigger a quit of the FIN session and logout to graceful shutdown the ongoing sessions. This message is only a request. However, if the request is not acted upon by the addressed logical terminal, the session for the logical terminal will be aborted.

From: General Purpose Application **To:** User

Format

Reps	Tag	Field	Content/Comments
1	177	date-time	Format is YYMMDDHHMM. Date and time in GMT when a new login attempt can be done by the FIN interface. Logins may get rejected if attempted prior to this time.

Notes

The interface should immediately stop to send input traffic to the FIN platform. The interface shall also deliver to the central platform all TORAck for traffic received before this service message. The quit and logout must happen when the interface has received all TIRACK from the platform (just like a normal Quit and Logout command initiated by interface operators). Any attempt of login/select before the time specified in the field 177 will be NAKed with L06 for login or S07 for select.

Example

```
{1:L16BANKBEBBAXXX}{4:{177:1902031230}}
```

21 Acknowledgement of General Purpose Application and FIN Messages

Acknowledgement of a General Purpose Application Message Sent by a Logical Terminal (ACK/NAK) (TIRACK (GPA))

This message confirms that the system has received a message with service identifier 01 from a user, and that the system has accepted (ACK) or rejected (NAK) the message.

From: General Purpose Application **To:** User

Format

Reps	Tag	Field	Content/Comments
1	177	date-time	Date and time, local to the user, of the **service message 21 ACK/ NAK**. Date and time are created when the acknowledgement is stored on FIN.
1	451	accept-reject	Accepted or rejected, where: • 0 = accepted • 1 = rejected
0-1	405	rejection-reason	Reason for rejection. See FIN Error Codes for the full set of error codes.

Notes

The basic header identifies the message which is being acknowledged. The logical terminal in the basic header is exactly the same as the sending logical terminal in the input message header.

Example

`{1:A21VNDZBET2AXXX0018000015}`	Basic header
`{4:{177:9703051524}`	Text block
`{451:1}`	The message is rejected...
`{405:H80}}`	because of delivery option error (H80).

Acknowledgement of a General Purpose Application Message Received by a Logical Terminal (TORACK (GPA))

This message confirms that the user has received a message from the system, and has accepted or rejected the message.

From: User **To:** General Purpose Application

Format

Reps	Tag	Field	Content/Comments
1	177	date-time	Date and time, local to the user, of this message.
1	451	accept-reject	Accepted or rejected, where: • 0 = accepted • 1 = rejected
0-1	405	rejection-reason	Reason for rejection. See FIN Error Codes for the full set of error codes.

Notes

The basic header identifies the message which is being acknowledged. The sending logical terminal in the basic header must correspond to the receiving logical terminal which is identified in the basic header of the output message. The branch identifier must also correspond.

Example

`{1:A21VNDZBET2BXXX0001000003}`	Basic header
`{4:{177:9703051505}`	Text block
`{451:0}}`	The message is accepted.

Acknowledgement of a FIN Message Sent by a Logical Terminal (ACK/NAK) (TIRACK (FIN))

This message confirms that the system has received a message from a user, and that the system has either accepted (ACK) or rejected (NAK) the message.

From: FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	177	date-time	Date and time, local to the user, at which the Slice Processor safe stored the acknowledged message (whether the acknowledgement is an ACK or a NAK).
1	451	accept-reject	Accepted or rejected, where: • 0 = accepted • 1 = rejected
0-1	405	rejection-reason	Reason for rejection. See FIN Error Codes for the full set of error codes.
0-1	108	mur	Contains one of the following: • Message user reference as used in the header of the original message if present.

Notes

The basic header identifies the message which is being acknowledged. The logical terminal in the basic header is exactly the same as the sending logical terminal in the input message header.

The message user reference might not be added in the following NAK scenarios:

- The message was NAKed because it failed the validation of the headers (blocks 1 to 3).
- The message was NAKed because it exceeds the maximum allowable length.
- The message was NAKed because it failed the validation of the trailers (block 5).

Example

{1:F21VNDZBET2BXXX0001000002}	Basic header
{4:{177:9703051517}	Text block
{451:0}	The message is accepted.
{108:TEST3}}	A message user reference of TEST3 is added to the acknowledgement, if present in the original message.

Acknowledgement of a FIN Message Received by a Logical Terminal (TORACK (FIN))

This message confirms that a user has received a message from the system, and has accepted or rejected the message.

From: User **To:** FIN

Format

Reps	Tag	Field	Content/Comments
1	177	date-time	Date and time, local to the user, of this message.
1	451	accept-reject	Accepted or rejected, where: • 0 = accepted • 1 = rejected
0-1	405	rejection-reason	Reason for rejection. See FIN Error Codes for the full set of error codes.

Notes

The basic header identifies the message which is being acknowledged. The sending logical terminal in the basic header must correspond to the receiving logical terminal which is identified in the basic header of the output message. The branch identifier must also correspond.

Example

{1:F21VNDZBET2AXXX0027000595}	Basic header
{4:{177:9703151159}	Text block
{451:1}	The message is rejected ...
{405:Y01}}	because of checksum failure (Y01).

22 Login Positive Acknowledgement

This message is a response to a 02 Login Request Message. It is sent by the system to acknowledge the login request.

From: General Purpose Application **To:** User

Format

Reps	Tag	Field	Content/Comments
1	151	session-number	Session number allocated to the new General Purpose Application session.
1	177	date-time	Date and time, local to the user, that the LOGIN was accepted.
1	110	window-size	Maximum number of messages sent or received without waiting for or sending acknowledgement. Value is always 1 for General Purpose Application.
0-1	333	previous-session-info	Previous session information, including: • Date last session opened • Time last session opened • Session number • Date last session closed • Time last session closed • Reason for closure • Last input sequence number received • Last output sequence number sent
OR			
0-1	330	current-session-info	Current session information, for example, `00250000450000440000500000501` where: • `<session-number>` = 025 • `<isn>` = 000045 • `<isnnak>` = 000044 • `<osn>` = 000050 • `<osnnak>` = 000050 • `<ack-replay-indicator>` = 1

Notes

The basic header identifies the login message which is being acknowledged.

For the first session, when no previous session information is available, all of the data of the previous session information block is set to 0. After major system failures, some fields may also be set to 0.

Example

Login ACK:

`{1:L22BANKBEBBAXXX}`	Basic header
`{4:`	Text block

{151:0007}	A session number **0007** is allocated.
{177:9705030800}	
{110:001}	
{333:970502080600069005021700000000080000 20}	
}	

Re-Login ACK:

{1:L22BANKBEBBAXXX}	Basic header
{4:	Text block
{151:0007}	
{177:9705030800}	
{110:001}	
{330:0025000045000045000050000049 1}	
}	

23 Acknowledgement of a Select Request

This message is a positive acknowledgement of a 03 Select Command.

From: General Purpose Application **To:** User

Format

Reps	Tag	Field	Content/Comments
1	101	application-id	Application identifier, where F = FIN application
1	151	session-number	Session number allocated to the new FIN session.
1	177	date-time	Date and time, local to the user, on which the SELECT was accepted.
1	110	window-size	Maximum number of messages sent or received without waiting for or sending acknowledgement.
1	204	select-state	Logical terminal select state, where: • YN = input only • NY = output only • YY = input and output Output refers to messages which are not LT-directed.

Reps	Tag	Field	Content/Comments
1	208	lt-directed-queue	Select output of messages from the LT-directed queue, where: • Y = yes • N = no
0-1	338	delivery-subset-list	Up to 30 delivery subsets can be selected.
1	333	previous-session-info	Previous session information, including: • Date last session opened • Time last session opened • Session number • Date last session closed • Time last session closed • Reason for closure • Last input sequence number received • Last output sequence number sent
OR			
1	330	current-session-info	Current session information, for example, `00250000450000440000500000501` where: • `<session-number>` = 025 • `<isn>` = 000045 • `<isnnak>` = 000044 • `<osn>` = 000050 • `<osnnak>` = 000050 • `<ack-replay-indicator>` = 1

Notes

The basic header identifies the SELECT request which is being acknowledged.

Field 338: `<delivery-subset-list>` is only present if output state has been selected.

Example

Select ACK:

`{1:A23VNDZBET2AXXX0021000001}`	Basic header
`{4:{101:F}`	Text block
`{151:0017}`	
`{177:9703051454}`	
`{110:010}`	
`{204:YY}`	Select state is input/output.

{208:Y}	Messages come from the LT-directed queue
{338:SYSTEMURGENTNORMAL}	The subsets SYSTEM, URGENT, and NORMAL are selected.
{333:97030513470016970305143 7A61000374000243}}	

Re-select ACK:

{1:A23VNDZBET2AXXX0021000001}	Basic header
{4:{101:F}	Text block
{151:0017}	
{177:9703051454}	
{110:010}	
{204:YY}	
{208:Y}	
{338:SYSTEMURGENTNORMAL}	
{330:0055000045000045000052000 0491}	
}	
[{5:{trailer}}]	

25 Quit Acknowledgement

This message is sent to the user acknowledging successful completion of a 05 Quit Command.

From: FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	331	session-info	Session information, including: • Session number • Date session opened • Time session opened • Date session closed • Time session closed • Reason for closure • Quantity of messages sent • Quantity of messages received • First input sequence number • Last input sequence number • First output sequence number • Last output sequence number
0-1	401	error-code-l/q	Error code for logout/quit, where: • 01 = incorrect time/day • 02 = Training trailer missing • 03 = input sequence number error See FIN Error Codes for the full set of error codes.

Notes

When the QUIT command is recognised by the system, it is always positively acknowledged and the session is closed. If the time and date specified in the QUIT command are incorrect, they are ignored and signalled to the user in field 401: `<error-code-l/q>`.

If there is an input sequence number error, the QUIT is safe stored under the expected input sequence number, the session is closed, and the user is made aware of this by the value of field 401.

The QUIT acknowledgement contains the following session information:

- session number of the FIN session just closed
- date and time this FIN session was opened
- date and time this FIN session was closed
- a reason code, indicating the reason for the closure
- number of messages sent in this FIN session
- number of messages received in this FIN session
- first and last input sequence number used in this FIN session
- first and last output sequence number used in this FIN session

Example

`{1:F25VNDZBET2AXXX0017000376}`	Basic header

{4: {331:00179703051454970305150900000000200000200003750003760002440002 45}}	Text block

26 Logout Acknowledgement

This message is sent to the user on successful completion of a 06 Logout Command.

From: General Purpose Application **To:** User

Format

Reps	Tag	Field	Content/Comments
1	331	session-info	Session information, including: • Session number • Date session opened • Time session opened • Date session closed • Time session closed • Reason for closure • Quantity of messages sent • Quantity of messages received • First input sequence number • Last input sequence number • First output sequence number • Last output sequence number
0-1	401	error-code-l/q	Error code for logout/quit, where: • 01 = incorrect time/day • 02 = Training trailer missing • 03 = input sequence number error See FIN Error Codes for the full set of error codes.

Notes

When the LOGOUT command is recognised by the system, it is always positively acknowledged and the session is closed. If the time and date specified in the LOGOUT command are incorrect, they are ignored and signalled to the user in field 401: `<error-code-l/q>`.

If there is an input sequence number error, the LOGOUT is safe stored under the expected input sequence number, the session is closed, and the user is made aware of this by the value of field 401: `<error-code-l/q>`.

If, during a session, the FIN interface sends no messages, the first and last input sequence numbers identified in field 331: `<session-info>` have values of 0. Likewise, if no messages are sent to the FIN interface, the first and last output sequence numbers of field 331 have values of 0.

The LOGOUT acknowledgement contains the following session information:

- session number of the General Purpose Application session just closed
- date and time at which this General Purpose Application session was opened
- date and time at which this General Purpose Application session was closed
- a reason code indicating the reason for closure
- number of messages sent during this General Purpose Application session
- number of messages received (output sequence numbers used) during this General Purpose Application session
- first and last input sequence number used during this General Purpose Application session
- first and last output sequence number used during this General Purpose Application session

42 Login Negative Acknowledgement

This message is sent to the user by the system to refuse a 02 Login Request Message. The system does not create a General Purpose Application session for this logical terminal.

From: General Purpose Application **To:** User

Format

Reps	Tag	Field	Content/Comments
1	503	error-code-l/s	Reason why the login was rejected. Error code is in the form Lnn where nn is a two-digit number. See FIN Error Codes for the full set of error codes.
1	177	date-time	Date and time, local to the user, of the rejection.

Notes

Any user who does not get a response from the system to a 02 Login Request Message on page 12, or who receives a 42 Login Negative Acknowledgement on page 27 with an error code L35, should contact the Customer Support Centre.

Example

{1:L42BANKBEBBAXXX}	Basic header
{4:	Text block
{503:L38}	The login request failed authentication.
{177:9705030800}}	

43 Select Negative Acknowledgement

This message is sent to the user by the system to refuse a 03 Select Command.

From: General Purpose Application **To:** User

Format

Reps	Tag	Field	Content/Comments
1	101	application-id	Application identifier, where F = FIN application
1	503	error-code-l/s	Reason why the select was rejected. Error code is in the form Snn where nn is a two-digit number. See FIN Error Codes for the full set of error codes.
1	177	date-time	Date and time, local to the user, of the rejection.

Notes

The basic header identifies the SELECT request message which is being negatively acknowledged.

Example

`{1:A43VNDZBET2BXXX0002000001}`	Basic header
`{4:{101:F}}`	Text block
`{503:S43}`	The select request failed authentication.
`{177:9703051448}}`	

General Purpose Application and FIN System Messages

MT 008 System Request to Quit

This message is sent from Swift to a logical terminal when Swift wishes the logical terminal to quit the FIN session. The message is only a request. However, if the request is not acted upon by the addressed logical terminal, the system sends an abort message.

From: FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	173	day-time	Day and time, local to the user, when the system will initiate an abort if the logical terminal does not quit the session.

MT 009 System Request to Logout

This message is sent from Swift to a logical terminal when Swift wishes the logical terminal to logout. The message is only a request. However, if the request is not acted upon by the addressed logical terminal, the system sends an abort message.

From: General Purpose Application **To:** User

Format

Reps	Tag	Field	Content/Comments
1	173	day-time	Day and time, local to the user, when the system will initiate an abort if the logical terminal does not logout.

MT 010 Non-Delivery Warning

This message indicates that a message that was being monitored in case of non-delivery, was not delivered before its obsolescence period expired.

From: FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	106	mir	Message input reference of the undelivered message, containing: • Input date • Input logical terminal including branch identifier • Session number • Input sequence number
0-1	108	mur	Contains one of the following: • Message user reference as used in the header of the original message if present. • If no message user reference was present in the original message, this tag may contain the contents of field 20 of the original message or (for category 5 messages only) the contents of field 20C, with the code word SEME.
1	431	msg-status	Message status (for example, whether delivered or aborted). See FIN Error Codes for the full set of error codes.
1	102	swift-address	Complete 12-character destination, including logical terminal code and branch identifier, to which the undelivered message was sent.
1	104	msg-priority	Message priority, where U = urgent.

Example Message

{1:F01VNDZBET2AXXX0027000580}	Basic header
{2:O0101001010517DYDYXXXXFXXX00000028080105171156S}	
{4:	Text block
{106:010517VNDZBET2AXXX0026000409}	
{108:PRIORITY}	
{431:07}	The message status is 07 - No delivery attempt.
{102:VNZDBET2XXXX}	
{104:U}}	The priority of this message is urgent.
{5:{CHK:D697BEF0BDC0}	
{SYS:}}	

MT 011 Delivery Notification

This message indicates that a message being monitored for delivery has actually been delivered.

From: FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	175	input-time	Local to the sender, of the delivered message.
1	106	mir	Message input reference of the delivered message, containing: • Input date • Input logical terminal including branch identifier • Session number • Input sequence number **Note** *When messages are delivered with Transaction Manager, logical terminal 1 will be used as the value (because the receiver is not getting the message on FIN).*
0-1	108	mur	Contains one of the following: • Message user reference as used in the header of the original message if present. • If no message user reference was present in the original message, this tag may contain the contents of field 20 of the original message or (for category 5 messages only) the contents of field 20C, with the code word SEME.
1	175	output-time	Local to the receiver, of the delivered message.
1	107	mor	Message output reference of the delivered message, containing: • Output date • Output logical terminal including branch identifier • Session number • Output sequence number

Example Message

{1:F01VNDZBET2AXXX0017000245}	Basic header
{2:O0111409010605DYLRXXXXCXXX0000003002010 6051509S}	
{4:	Text block
{175:1608}	Input time, local to sender
{106:010605VNDZBET2AXXX0017000375}	
{108:TEST 1}	
{175:1508}	Output time, local to receiver

{107:010605VNDZGBT2AXXX0017000244}}	
{5:{CHK:F699C988720D}	
{SYS:}}	

Acknowledgement

{1:F21VNDZBET2AXXX0017000245}	Basic header
{4:{177:0106051510}	Text block
{451:0}}	

MT 012 Sender Notification

This is an optional feature in the FINCopy and FINInform service. It notifies the sender when the message has been released by the service administrator.

From: FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	175	input-time	Local to the sender, of the original user message.
1	106	mir	Message input reference of the sender's copy message, that has been copied to and released by the service administrator. It contains: • Input date • Input logical terminal including branch identifier • Session number • Input sequence number
0-1	108	mur	Contains one of the following: • Message user reference as used in the header of the original message if present. • If no message user reference was present in the original message, this tag may contain the contents of field 20 of the original message or (for category 5 messages only) the contents of field 20C, with the code word SEME.
1	102	swift-address	Complete 12-character destination, including logical terminal code and branch identifier, of the message that was sent.
1	103	service-code	FINCopy service code.
1	114	payment-release-information-sender	Information from service administrator to sender of payment message.

Notes

Basic header and application header are as follows:

```
{1:F01<lt-identifier><branch-identifier><session-number><sequence-number>}
{2:O012<GMT-system-time><mir><date><time><message-priority>}
```

The SYS trailer is as follows:

```
{5:{SYS:<time of message authorisation><mir of message authorisation>}...}
```

See the FINCopy Service Description for further information.

MT 015 Delayed NAK

This message notifies the user that a previous message has been rejected.

From: General Purpose Application or FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	405	rejection-reason	Reason for rejection. See FIN Error Codes for the full set of error codes.

Notes

The SYS trailer contains the input time and message input reference of the message to which the delayed NAK refers.

This message can be returned as a response to all user commands (service identifiers 01) whose normal responses do not contain a place for an error code, with the exception of the MT 020 Retrieval Request (Text and History) on page 35 and the MT 022 Retrieval Request (History) on page 49.

Example Message

{1:F01VNDZBET2AXXX0015001466}	Basic header
{2:O0151335010605ABLRXXXXGXXX00000003270106051435S}	
{4:	Text block
{405:V22}}	The reason for rejection is empty report.
{5:	
{CHK:08215D75B5F9}	
{SYS:1435010605VNDZBET2AXXX0015000897}}	

Acknowledgement

{1:F21VNDZBET2AXXX0015001466}	Basic header
{4:	Text block

{177:0106051534}	
{451:0}}	

MT 019 Abort Notification

This message notifies the sender that the system has been unable to deliver the message specified in the <text-block>, and has been forced to abort it instead.

If the aborted message contains a field 103 (in the user header) or was copied through FINInform in Y-copy mode, the field 619 containing a copy of the field 103 is added to the MT 019 format. This applies to all codes recorded in a field 103.

From: FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	175	input-time	Local to the sender, of the aborted message.
1	106	mir	Message input reference of the aborted message, containing: • Input date • Input logical terminal including branch identifier • Session number • Input sequence number
0-1	108	mur	Contains one of the following: • Message user reference as used in the header of the original message if present. • If no message user reference was present in the original message, this tag may contain the contents of field 20 of the original message or (for category 5 messages only) the contents of field 20C, with the code word SEME.
1	102	swift-address	Complete 12-character destination, including logical terminal code and branch identifier, of the aborted message.
0-1	107	mor	Message output reference of the aborted message, containing: • Output date • Output logical terminal including branch identifier • Session number • Output sequence number If more than one delivery attempt has been made, field 107 contains the last valid message output reference.
1	432	abort-reason	Reason for the abort. See FIN Error Codes for the full set of error codes.
0-1	619	VAS code	Service code of the aborted message.

Example Message

{1:F01VNDZBET2AXXX0117002343}	Basic header
{2:O0191409010605DYLRXXXXCXXX00000030020106051509S}	
{4:	Text block
{175:0604}	Input time of the aborted message
{106:140901VNDZBET2AXXX0021000443}	Message input reference of the aborted message
{102:BBBNBEBBAXXX}	Destination of aborted message
{432:12}	Abort reason
{619:CPY}}	VAS code
{5:	
{CHK:08215D74A5E8}	
{SYS:4344360605VNDZBET2AXXX0015000879}}	

MT 020 Retrieval Request (Text and History)

This message is used to request a copy of one or more General Purpose Application or FIN messages previously sent or received. Both the message text and its associated input and delivery history are returned in an MT 021 Retrieved Message (Text and History). Messages can be specified for retrieval by a combination of various criteria.

The maximum retrieval period for live messages is 124 days from the date of input to the system. For Test and Training messages the period is 4 days.

From: User **To:** General Purpose Application or FIN

Format

Reps	Tag	Field	Content/Comments
1	102	swift-address	Logical terminal to which the retrieved copy should be delivered.
Followed by only ONE of the fields or field groups listed here. For General Purpose Application or FIN:			

Reps	Tag	Field	Content/Comments
1	251	mir	Message input reference of the individual message that is to be retrieved. It consists of: • Date of input of the message • Sending logical terminal and branch identifier XXX (irrespective of the branch identifier used in the original message) • Session number • Input sequence number
OR			
1	252	mir-range	Range of message input references for retrieval. The message input references consist of: • Date of input of the message • Sending logical terminal and branch identifier XXX (irrespective of which branch identifier was used in the original message) • Session number • Input sequence number This information must be repeated once for the first message input reference in the range and once for the last. An optional time range criterion can be specified.
OR			
1	253	mor	Message output reference of the individual message that is to be retrieved. It consists of: • Date of output of the message • Receiving logical terminal and branch identifier XXX (irrespective of the branch identifier used in the original message) • Session number • Output sequence number
OR			
1	254	mor-range	Range of message output references for retrieval. The message output references consist of: • Date of output of the message • Receiving logical terminal and branch identifier XXX (irrespective of which branch identifier was used in the original message) • Session number • Output sequence number This information must be repeated once for the first message output reference in the range and once for the last. An optional time range criterion can be specified.
OR			

Reps	Tag	Field	Content/Comments
1	255	msg-input-type	Message input type, containing: • Input logical terminal including branch identifier XXX • Input session • Message type • Input date • Input time range
AND			
0-1	152	1st-isn	First input sequence number to be retrieved in a multiple input message retrieval.
OR			
1	257	input-time-range	Input time range, containing: • Input logical terminal including branch identifier XXX • Input date • Input time range • Input session
AND			
0-1	152	1st-isn	First input sequence number to be retrieved in a multiple input message retrieval.
OR			
1	258	msg-output-type	Message output type, containing: • Output logical terminal including branch identifier XXX • Output session • Message type • Output date • Output time range
AND			
0-1	153	1st-osn	First output sequence number to be retrieved in a multiple output message retrieval.
OR			
1	260	output-time-range	Output time range, containing: • Output logical terminal including branch identifier XXX • Output date • Output time range • Output session

Reps	Tag	Field	Content/Comments
AND			
0-1	153	1st-osn	First output sequence number to be retrieved in a multiple output message retrieval.
or for FIN only:			
1	256	cat-input-type	Category input type, containing: • Input logical terminal including branch identifier XXX • Input session • Message category • Input date • Input time range
AND			
0-1	152	1st-isn	First input sequence number to be retrieved in a multiple input message retrieval.
OR			
1	259	cat-output-type	Category output type, containing: • Output logical terminal including branch identifier XXX • Output session • Message category • Output date • Output time range
AND			
0-1	153	1st-osn	First output sequence number to be retrieved in a multiple output message retrieval.
OR			
1	263	mur-input	Input message user reference, containing: • Input logical terminal including branch identifier XXX • Input date • Input time range • Input session
AND			

Reps	Tag	Field	Content/Comments
1	108	mur	Message user reference assigned by the sender of a message. Contains one of the following: • Message user reference as used in the header of the original message if present • Contents of field 20 of the original message, if the message user reference was not present • Contents of field 20C, with the code word SEME and the number (only for category 5 messages)
AND			
0-1	152	1st-isn	First input sequence number to be retrieved in a multiple input message retrieval.
OR			
1	264	mur-output	Output message user reference, containing: • Output logical terminal including branch identifier `XXX` • Output date • Output time range • Output session
AND			
1	108	mur	Message user reference assigned by the sender of a message. Contains one of the following: • Message user reference as used in the header of the original message if present • Contents of field 20 of the original message, if the message user reference was not present • Contents of field 20C, with the code word SEME and the number (only for category 5 messages)
AND			
0-1	153	1st-osn	First output sequence number to be retrieved in a multiple output message retrieval.

Notes

Field 102:`<swift-address>` identifies the logical terminal that the retrieved copy should be delivered to.

The `<mir>`, `<mor>`, and `<swift-address>` used in the retrieval criteria must contain the `<branch-identifier>` XXX.

An optional field, if present, takes precedence to restrict the range of the search.

The maximum number of messages that may be retrieved by one command is 99.

A primary destination may retrieve messages for its synonym(s). A synonym destination may only retrieve its own messages. A range retrieval request sent by a primary destination returns all messages within that range, including those of the synonym destination(s).

See the FIN Service Description or the FIN Operations Guide for additional information.

Example
Message

{1:F01VNDZBET2AXXX0023000393}	Basic header
{2:I020SWFTXXXXXXXXS}	
{4:	Text block
{102:VNDZBET2AXXX}	The copy of the message is sent to this logical terminal.
{251:010605VNDZBET2AXXX0017000375}}	This message input reference identifies the message to be retrieved.
{5:{CHK:707A86172310}}	

Acknowledgement

{1:F21VNDZBET2AXXX0023000393}	Basic header
{4:{177:0105161020}	Text block
{451:0}}	

Message

{4:	Text block
{102:VNDZBET2AXXX}	
{252:050801VNDZBET2AXXX0134000649050801VNDZBET2AXXX0135000663}}	Range of message input references for retrieval.
{5:{CHK:707A86172310}}	

Message

{4:	Text block
{102:VNDZBET2AXXX}	
{253:050719MVNDZBET2AXXX0181000391}}	Message output reference of the individual message that is to be retrieved.
{5:{CHK:707A86172310}}	

Message

{4:	Text block
{102:VNDZBET2AXXX}	

{254:050723VNDZBET2AXXX0207001127050723VNDZBET2AXXX0210001130}}	Range of message output references for retrieval.
{5:{CHK:707A86172310}}	

Message

{4:	Text block
{102:VNDZBET2AXXX}	
{255:VNDZBET2AXXXX003310305082419221942}}	Message input type
{5:{CHK:707A86172310}}	

Message

{4:	Text block
{102:VNDZBET2AXXX}	
{258:VNDZBET2AXXX002599905082315481552}}	Message output type
{5:{CHK:707A86172310}}	

Message

{4:	Text block
{102:VNDZBET2AXXX}	
{259:VNDZBET2AXXXXXX002590508231548155 2}}	Category output type
{5:{CHK:707A86172310}}	

Message

{4:	Text block
{102:VNDZBET2AXXX}	
{260:VNDZBET2AXXX050823154815520025}}	Output time range
{5:{CHK:707A86172310}}	

MT 021 Retrieved Message (Text and History)

This message is the response to an MT 020 Retrieval Request (Text and History). It contains the input text, and any input and delivery history. When a user requests the retrieval of multiple messages, the response consists of separate sections for each message. The sections are sent in system message input reference order.

The maximum retrieval period for live messages is 124 days from the date of input to the system. For Test and Training messages the period is 4 days.

From: General Purpose Application or FIN **To:** User

Format

The format of this message can be broken down logically into groups of fields as follows:

- Report details
- Information on the retrieved messages
- Actual retrieved text of messages
- Next retrieval criteria

Reps	Tag	Field	Content/Comments
Report Details:			
1	202	section-number	Sequential section number, beginning with 0001, identifying the position of an individual message in a multiple-section message.
1	203	total-sections	Total number of sections in a multi-section message.
Information on the Retrieved Messages:			
1	280	input-history	Message input history, containing: • Input time of message • Message input reference • Accepted or rejected (Y or N) • If rejected, error code and line number (in banking message) or field number (in system message) Time in message input reference is local to the sender.
0-1	108	mur	For FIN, the message user reference assigned by the sender of a message. Contains one of the following: • Message user reference as used in the header of the original message if present • Contents of field 20 of the original message, if the message user reference was not present • Contents of field 20C, with the code word SEME and the number (only for category 5 messages)
0-1	431	msg-status	Message status (for example, whether delivered or aborted). See FIN Error Codes for the full set of error codes.

Reps	Tag	Field	Content/Comments
0-1	281	delivery-history	Message delivery history, noting each delivery attempt. For each attempt, it contains: • Output time of message • Message output reference • Accepted or rejected (Y or N) • An error code if rejected Time in message output reference is local to the receiver.
Retrieved Message Text:			
1	-	header	Original headers (in input format if retrieved by the sender, and in output format if retrieved by the receiver).
1	-	text	
OR			
1	421	rtv-error-code	Reason why the retrieval request cannot be satisfied. See FIN Error Codes for the full set of error codes. Field 421 in this section will be present if the text of the retrieved message is not retrievable. The error code indicates why this is the case.
0-1	-	trailers	Original trailers.
Next retrieval criteria (only ONE of the following fields or field groups): This section is present only if maximum number of responses have been generated for this request, and there are more messages that meet the selection criteria. When present, the information in this section is used to prepare the next retrieval request.			
1	252	mir-range	Range of message input references for retrieval. The message input references consist of: • Date of input of the message • Sending logical terminal and branch identifier `XXX` (irrespective of which branch identifier was used in the original message) • Session number • Input sequence number An optional time range criterion can be specified.
OR			

Reps	Tag	Field	Content/Comments
1	254	mor-range	Range of message output references for retrieval. The message output references consist of: • Date of output of the message • Receiving logical terminal and branch identifier XXX (irrespective of which branch identifier was used in the original message) • Session number • Output sequence number An optional time range criterion can be specified.
OR			
1	255	msg-input-type	Message input type, containing: • Input logical terminal including branch identifier XXX • Input session • Message type • Input date • Input time range
AND			
0-1	152	1st-isn	First input sequence number to be retrieved in a multiple input message retrieval.
OR			
1	256	cat-input-type	For FIN, the category input type, containing: • Input logical terminal including branch identifier XXX • Input session • Message category • Input date • Input time range
AND			
0-1	152	1st-isn	First input sequence number to be retrieved in a multiple input message retrieval.
OR			
1	257	input-time-range	Input time range, containing: • Input logical terminal including branch identifier XXX • Input date • Input time range • Input session
AND			

Reps	Tag	Field	Content/Comments
0-1	152	1st-isn	First input sequence number to be retrieved in a multiple input message retrieval.
OR			
1	258	msg-output-type	Message output type, containing: • Output logical terminal including branch identifier XXX • Output session • Message type • Output date • Output time range
AND			
0-1	153	1st-osn	First output sequence number to be retrieved in a multiple output message retrieval.
OR			
1	259	cat-output-type	For FIN, the category output type, containing: • Output logical terminal including branch identifier XXX • Output session • Message category • Output date • Output time range
AND			
0-1	153	1st-osn	First output sequence number to be retrieved in a multiple output message retrieval.
OR			
1	260	output-time-range	Output time range, containing: • Output logical terminal including branch identifier XXX • Output date • Output time range • Output session
AND			
0-1	153	1st-osn	First output sequence number to be retrieved in a multiple output message retrieval.
OR			

Reps	Tag	Field	Content/Comments
1	421	rtv-error-code	Reason why the retrieval request cannot be satisfied. See FIN Error Codes for the full set of error codes. Field 421 will be present here if the limit for a group retrieval (99 messages) has been exceeded and the system cannot provide the information required for the next retrieval request.
AND			
0-1	152	1st-isn	First input sequence number to be retrieved in a multiple input message retrieval.
OR			
1	421	rtv-error-code	Reason why the retrieval request cannot be satisfied. See FIN Error Codes for the full set of error codes.
AND			
0-1	153	1st-osn	First output sequence number to be retrieved in a multiple output message retrieval.

If the retrieval request cannot be satisfied, the format of the retrieval report is as follows:

Reps	Tag	Field	Content/Comments
Report Details:			
1	202	section-number	Sequential section number, beginning with 0001, identifying the position of an individual message in a multiple-section message.
1	203	total-sections	Total number of sections in a multi-section message.
Information on the Retrieved Messages:			
1	421	rtv-error-code	Reason why the retrieval request cannot be satisfied. See FIN Error Codes for the full set of error codes.

Notes

When the user has requested multiple messages, the response consists of a separate section for each message. The sections are sent in system message input reference sequence order.

Field 431 is not present when a QUIT (FIN), SELECT, or LOGOUT (General Purpose Application) command is retrieved.

Field 281:`<delivery-history>` is repeated for each output attempt.

Field 421: See FIN Error Codes for further information.

The indications `<header>`, `<text>` and `<trailers>` are used to represent the original header, text, and trailers of the message being retrieved. These are in input format if the retrieval requester is the sender of the message, and in output format if the requester is the receiver of the original message. This is regardless of whether input or output criteria were used in the request.

In addition:

- <header> = all header blocks (identifiers 1, 2, and possibly block 3) that were present in the original message.
- <trailers> = the trailer block (identifier 5) of the original message containing one or more trailers.

The trailer block can contain trailers that are optional. Only the trailers safe stored by the system are included. This means that Delayed Message trailers are not included, even on an output retrieval. A possible duplicate message is included under the following conditions:

- if a message with a possible duplicate message is received by a system pseudo logical terminal, a response with a plain possible duplicate message is generated by the pseudo logical terminal.

All these blocks have the necessary block envelope elements such as:

- start of block indicator
- block identifier
- separator
- end of block indicator

Fields for next retrieval criteria 252, 254, 255, 256, 257, 258, 259, and 260 notify the users if the specified range has been exceeded, and thus inform them of the starting point for the range to specify in the follow-up retrieval request. This section is present only if maximum number of responses have been generated for this request, and there are more messages that meet the selection criteria. When present, the information in this section is used to prepare the next retrieval request.

When the system is able to generate the tags for follow-up retrieval, field 421 is not provided. If the limit for group retrieval is reached, and the system is unable to generate the tags for the follow-up retrieval request, the final field 421:<rtv-error-code> returns the value 040.

For user-to-system messages the delivery history shows delivery to the system pseudo logical terminal responsible for processing the request, or a Swift logical terminal. For system-to-user messages, the input history shows the message as sent by the system pseudo logical terminal, or a Swift logical terminal.

In the General Purpose Application only, service identifiers other than 01 which are retrievable, such as SELECT, do not have any delivery history. For a LOGOUT ACK, the 2-digit error code nn is shown as 0nn. The LOGOUT is always accepted, even if there is an error code.

The next retrieval request criteria are added to the last section of the report. The same tags provided by the user in the retrieval request are included, and are filled in with the data needed for the next retrieval request. These tags, when inserted in the next retrieval request, allow retrieval of the next available message which meets the given criteria.

If a message user reference retrieval was satisfied by a message with a field 20 or 20C::SEME and no message user reference, field 20 or 20C::SEME does not appear in field 108 of the retrieval response.

For example, if the retrieval request contained field 258, then the response contains field 258, properly filled in, and field 153 to provide the starting output sequence number for the next search.

For retrieval by message user reference, if there are several messages with the same message user reference, all those within the time range specified are retrieved (up to a maximum of 99).

Where multiple deliveries have been attempted, all historical information relating to the same message appears in the same section of the retrieved message report.

Example Message

{1:F01VNDZBET2AXXX0027000589}	Basic header
{2:O0211155010517DYLRXXXXAXXX0000026174010 5171255S}	
{4:	Text block
{202:0002}	
{203:0002}	
{280:1047010517VNDZBET2AXXX0026000410Y}	The history of the retrieved message.
{108:PRIORITY 2}	
{431:01}	The message status is Delivered.
{281:1156010517VNDZBET2AXXX0027000584Y}	
{1:F01VNDZBET2AXXX0026000410} {2:I199VNDZBET2XXXXU3} {3:{108:PRIORITY 2}} {4: :20:TEST 2/010 :79:YYYYYYYYYYYYYYYYYYYYYYYYYY YYYYYYYYYYYYYYYYYYYYYYYYYYYYYY YYYYYYYYYYYYYYYYYYYYYYYYYYYYYY YYYYYYYYYYYYYYYYYYYYYYYYYYYYYY YYYYYYX -} {5: {CHK:5E90286A814A}}}	The headers of the retrieved (original) message. With the text of the retrieved (original) message. The trailers of the retrieved (original) message.
{5:{CHK:6EC697ED1697}	
{SYS:1254010517VNDZBET2AXXX0027000413}}	

Acknowledgement

{1:F21VNDZBET2AXXX0027000589}	Basic header
{4:{177:0105171255}	Text block
{451:0}}	

MT 022 Retrieval Request (History)

This message is used to request a copy of the input and delivery history of FIN or General Purpose Application messages previously sent or received. Message history can be retrieved using a combination of criteria. The response to this message is an MT 023 Retrieved Message (History).

The maximum retrieval period for live messages is 124 days from the date of input to the system. For Test and Training messages the period is 4 days.

From: User **To:** General Purpose Application or FIN

Format

Reps	Tag	Field	Content/Comments
1	102	swift-address	Logical terminal to which the retrieved copy should be delivered.
Followed by only ONE of the fields or field groups listed here. For General Purpose Application or FIN:			
1	251	mir	Message input reference of the individual message that is to be retrieved. It consists of: • Date of input of the message • Sending logical terminal and branch identifier `XXX` (irrespective of the branch identifier used in the original message) • Session number • Input sequence number
OR			
1	252	mir-range	Range of message input references for retrieval. The message input references consist of: • Date of input of the message • Sending logical terminal and branch identifier `XXX` (irrespective of which branch identifier was used in the original message) • Session number • Input sequence number An optional time range criterion can be specified.
OR			
1	253	mor	Message output reference of the individual message that is to be retrieved. It consists of: • Date of output of the message • Receiving logical terminal and branch identifier `XXX` (irrespective of the branch identifier used in the original message) • Session number • Output sequence number
OR			

Reps	Tag	Field	Content/Comments
1	254	mor-range	Range of message output references for retrieval. The message output references consist of: • Date of output of the message • Receiving logical terminal and branch identifier XXX (irrespective of which branch identifier was used in the original message) • Session number • Output sequence number An optional time range criterion can be specified.
OR			
1	255	msg-input-type	Message input type, containing: • Input logical terminal including branch identifier XXX • Input session • Message type • Input date • Input time range
AND			
0-1	152	1st-isn	First input sequence number to be retrieved in a multiple input message retrieval.
OR			
1	257	input-time-range	Input time range, containing: • Input logical terminal including branch identifier XXX • Input date • Input time range • Input session
AND			
0-1	152	1st-isn	First input sequence number to be retrieved in a multiple input message retrieval.
OR			
1	258	msg-output-type	Message output type, containing: • Output logical terminal including branch identifier XXX • Output session • Message type • Output date • Output time range
AND			

Reps	Tag	Field	Content/Comments
0-1	153	1st-osn	First output sequence number to be retrieved in a multiple output message retrieval.
OR			
1	260	output-time-range	Output time range, containing: • Output logical terminal including branch identifier XXX • Output date • Output time range • Output session
AND			
0-1	153	1st-osn	First output sequence number to be retrieved in a multiple output message retrieval.
or for FIN only:			
1	256	cat-input-type	Category input type, containing: • Input logical terminal including branch identifier XXX • Input session • Message category • Input date • Input time range
AND			
0-1	152	1st-isn	First input sequence number to be retrieved in a multiple input message retrieval.
OR			
1	259	cat-output-type	Category output type, containing: • Output logical terminal including branch identifier XXX • Output session • Message category • Output date • Output time range
AND			
0-1	153	1st-osn	First output sequence number to be retrieved in a multiple output message retrieval.
OR			

Reps	Tag	Field	Content/Comments
1	263	mur-input	Input message user reference, containing: • Input logical terminal including branch identifier `XXX` • Input date • Input time range • Input session
AND			
1	108	mur	Message user reference assigned by the sender of a message. Contains one of the following: • Message user reference as used in the header of the original message if present • Contents of field 20 of the original message, if the message user reference was not present • Contents of field 20C, with the code word SEME and the number (only for category 5 messages)
AND			
0-1	152	1st-isn	First input sequence number to be retrieved in a multiple input message retrieval.
OR			
1	264	mur-output	Output message user reference, containing: • Output logical terminal including branch identifier `XXX` • Output date • Output time range • Output session
AND			
1	108	mur	Message user reference assigned by the sender of a message. Contains one of the following: • Message user reference as used in the header of the original message if present • Contents of field 20 of the original message, if the message user reference was not present • Contents of field 20C, with the code word SEME and the number (only for category 5 messages)
AND			
0-1	153	1st-osn	First output sequence number to be retrieved in a multiple output message retrieval.

Notes

Field 102:`<swift-address>` identifies the logical terminal that the retrieved copy should be delivered to.

Field 108:<mur> is the message user reference in the header of the original input message or field 20 or 20C::SEME.

The <mir>, <mor>, and <swift-address> used in the retrieval criteria must contain the <branch-identifier>XXX.

An optional field, if present, takes precedence to restrict the range of the search.

The maximum number of messages that may be retrieved by one command is 99.

A primary destination may retrieve messages for its synonym(s). A synonym destination may only retrieve its own messages. A range retrieval request sent by a primary destination returns all messages within that range, including those of the synonym destination(s).

Example
Message

{1:F01VNDZBET2AXXX0023000394}	Basic header
{2:I022SWFTXXXXXXXXS}	
{4:	Text block
{102:VNDZBET2AXXX}	The copy of the message is sent to this logical terminal.
{251:010605VNDZBET2AXXX0017000375}}	This message input reference identifies the message to be retrieved.
{5:{CHK:707A86172310}}	

Acknowledgement

{1:F21VNDZBET2AXXX0023000394}	Basic header
{4:{177:0105161021}	Text block
{451:0}}	

Message

{1:F01VNDZBET2AXXX0529001625}	Basic header
{2:I022SWFTXXXXXXXXS}	
{4:{102:VNDZBET2AXXX}	Text block
{251:050822VNDZBET2AXXX0529001624}}	Message input reference of the individual message that is to be retrieved.
{5:{CHK:707A86172310}}	

Message

{1:F01VNDZBET2AXXX0294001097}	Basic header
{2:I022SWFTXXXXXXXXS}	

{4:{102:VNDZBET2AXXX}	Text block
{252:050822VNDZBET2AXXX0294001093050822VNDZBET2AXXX0294001096}}	Range of message input references for retrieval.
{5:{CHK:707A86172310}}	

Message

{1:F01VNDZBET2AXXX0042000067}	Basic header
{2:I022SWFTXXXXXXXXS}	
{4:{102:VNDZBET2AXXX}	Text block
{253:050823VNDZBET2AXXX0042000211}}	Message output reference of the individual message that is to be retrieved.
{5:{CHK:707A86172310}}	

Message

{1:F01VNDZBET2AXXX0025000064}	Basic header
{2:I022SWFTXXXXXXXXS}	
{4:{102:VNDZBET2AXXX}	Text block
{254:050822VNDZBET2AXXX0025000093050822VNDZBET2AXXX0025000097145O1454}}	Range of message output references for retrieval.
{5:{CHK:707A86172310}}	

Message

{1:F01VNDZBET2AXXX0025000065}	Basic header
{2:I022SWFTXXXXXXXXS}	
{4:{102:VNDZBET2AXXX}	Text block
{258:VNDZBET2AXXX0025999050822145O1454}}	Message output type.
{5:{CHK:707A86172310}}	

Message

{1:F01VNDZBET2AXXX0025000066}	Basic header
{2:I022SWFTXXXXXXXXS}	
{4:{102:VNDZBET2AXXX}	Text block
{259:VNDZBET2AXXX0025905082214501454}}	Category output type.

{5:{CHK:707A86172310}}	

Message

{1:F01VNDZBET2AXXX0025000067}	Basic header
{2:I022SWFTXXXXXXXXS}	
{4:{102:VNDZBET2AXXX}	Text block
{260:VNDZBET2AXXX050822145014540025}}	Output time range.
{5:{CHK:707A86172310}}	

MT 023 Retrieved Message (History)

This message is the response to an MT 022 Retrieval Request (History). It contains only message history. When a user requests retrieval of multiple messages, the response consists of separate sections for each message. The sections are sent in system message input reference order.

The maximum retrieval period for live messages is 124 days from the date of input to the system. For Test and Training messages the period is 4 days.

From: General Purpose Application or FIN **To:** User

Format

The format of this message can be broken down logically into groups of fields as follows:

- Report details
- Information on the retrieved messages
- Next retrieval criteria

Reps	Tag	Field	Content/Comments
Report Details:			
1	202	section-number	Sequential section number, beginning with 0001, identifying the position of an individual message in a multiple-section message.
1	203	total-sections	Total number of sections in a multi-section message.
Information on the Retrieved Messages:			
1	280	input-history	Message input history, containing: • Input time of message • Message input reference • Accepted or rejected (Y or N) • If rejected, error code and line number (in banking message) or field number (in system message) Time in message input reference is local to the sender.

Reps	Tag	Field	Content/Comments
0-1	108	mur	For FIN, the message user reference assigned by the sender of a message. Contains one of the following: • Message user reference as used in the header of the original message if present • Contents of field 20 of the original message, if the message user reference was not present • Contents of field 20C, with the code word SEME and the number (only for category 5 messages)
0-1	431	msg-status	Message status (for example, whether delivered or aborted). See FIN Error Codes for the full set of error codes.
0-1	281	delivery-history	Message delivery history, noting each delivery attempt. For each attempt, it contains: • Output time of message • Message output reference • Accepted or rejected (Y or N) • An error code if rejected by the receiver Time in message output reference is local to the receiver.
Fields 280, 108, 431, and 281 may be repeated (see notes)			
Next retrieval criteria (only ONE of the following fields or field groups): This section is present only if maximum number of responses have been generated for this request, and there are more messages that meet the selection criteria. When present, the information in this section is used to prepare the next retrieval request.			
1	252	mir-range	Range of message input references for retrieval. The message input references consist of: • Date of input of the message • Sending logical terminal and branch identifier `XXX` (irrespective of which branch identifier was used in the original message) • Session number • Input sequence number An optional time range criterion can be specified.
OR			
1	254	mor-range	Range of message output references for retrieval. The message output references consist of: • Date of output of the message • Receiving logical terminal and branch identifier `XXX` (irrespective of which branch identifier was used in the original message) • Session number • Output sequence number An optional time range criterion can be specified.

Reps	Tag	Field	Content/Comments
OR			
1	255	msg-input-type	Message input type, containing: • Input logical terminal including branch identifier `XXX` • Input session • Message type • Input date • Input time range
AND			
0-1	152	1st-isn	First input sequence number to be retrieved in a multiple input message retrieval.
OR			
1	256	cat-input-type	For FIN, the category input type, containing: • Input logical terminal including branch identifier `XXX` • Input session • Message category • Input date • Input time range
AND			
0-1	152	1st-isn	First input sequence number to be retrieved in a multiple input message retrieval.
OR			
1	257	input-time-range	Input time range, containing: • Input logical terminal including branch identifier `XXX` • Input date • Input time range • Input session
AND			
0-1	152	1st-isn	First input sequence number to be retrieved in a multiple input message retrieval.
OR			

Reps	Tag	Field	Content/Comments
1	258	msg-output-type	Message output type, containing: • Output logical terminal including branch identifier XXX • Output session • Message type • Output date • Output time range
AND			
0-1	153	1st-osn	First output sequence number to be retrieved in a multiple output message retrieval.
OR			
1	259	cat-output-type	For FIN, the category output type, containing: • Output logical terminal including branch identifier XXX • Output session • Message category • Output date • Output time range
AND			
0-1	153	1st-osn	First output sequence number to be retrieved in a multiple output message retrieval.
OR			
1	260	output-time-range	Output time range, containing: • Output logical terminal including branch identifier XXX • Output date • Output time range • Output session
AND			
0-1	153	1st-osn	First output sequence number to be retrieved in a multiple output message retrieval.
OR			
1	421	rtv-error-code	Reason why the retrieval request cannot be satisfied. See FIN Error Codes for the full set of error codes.
AND			
0-1	152	1st-isn	First input sequence number to be retrieved in a multiple input message retrieval.

Reps	Tag	Field	Content/Comments
OR			
1	421	rtv-error-code	Reason why the retrieval request cannot be satisfied. See FIN Error Codes for the full set of error codes.
AND			
0-1	153	1st-osn	First output sequence number to be retrieved in a multiple output message retrieval.

If the retrieval request cannot be satisfied, the format of the retrieval report is as follows:

Reps	Tag	Field	Content/Comments
Report Details:			
1	202	section-number	Sequential section number, beginning with 0001, identifying the position of an individual message in a multiple-section message.
1	203	total-sections	Total number of sections in a multi-section message.
Information on the retrieved messages:			
1	421	rtv-error-code	Reason why the retrieval request cannot be satisfied. See FIN Error Codes for the full set of error codes.

Notes

Each section contains the history of a single message.

Field 431 is not present if a QUIT (FIN), SELECT, or LOGOUT (General Purpose Application) command is retrieved.

The repeatable field group (280, 431, 281) indicated in the first element of the exclusive choice, can be repeated in the same way in each of the other exclusive choice elements, except when the request is not satisfied, which results in field 421 only.

When the system is able to generate the tags for follow-up retrieval, field 421 is not provided. If the limit for group retrieval is reached, and the system is unable to generate the tags for the follow-up retrieval request, the final field 421:`<rtv-error-code>` returns the value 040.

See FIN Error Codes for further information on codes in field 421.

Field 281:`<delivery-history>` is repeated for each output attempt. For user-to-system messages, the delivery history shows delivery to the system pseudo logical terminal responsible for processing the request or a Swift logical terminal. For system-to-user messages, the input history shows the message as sent by the system pseudo logical terminal or a Swift logical terminal.

In FIN, the message user reference is only shown if the original message had a user header. If an input message user reference retrieval was satisfied by a message with field 20 or 20C::SEME and no message user reference, field 20 or 20C::SEME does not appear in field 108 of the retrieval response.

In the General Purpose Application, for user-to-system messages, the delivery history shows delivery to the system pseudo logical terminal responsible for processing the request, or a Swift logical terminal. For system-to-user messages, the input history shows the message as sent by the system pseudo logical terminal, or a Swift logical terminal.

Retrievable service identifiers other than 01, such as QUIT (in FIN), only have input history and not delivery history. For a QUIT ACK the 2-digit error code nn is shown as 0nn. The quit is always accepted even if there is an error code.

The next retrieval request criteria are added to the last section of the report. The same fields defined by the user in the retrieval request are included and filled-in with the data needed for the next retrieval request. These fields, when inserted into the next retrieval request, allow retrieval of the next message possible under the given criteria. For example, if the retrieval request contains field 258 then the response contains field 258, properly filled in, and field 153 provides the starting output sequence number for the next search. This section is present only if maximum number of responses have been generated for this request, and there are more messages that meet the selection criteria. When present, the information in this section is used to prepare the next retrieval request.

Example
Message

{1:F01VNDZBET2AXXX0023000397}	Basic header
{2:O0230921010516DYLRXXXXAXXX00000255000105161022S}	
{4:	Text block
{202:0001}	
{203:0001}	
{280:1508010605VNDZBET2AXXX0017000375Y}	The history of the retrieved message. The **Y** indicates that the message is accepted.
{108:TEST 1}	
{431:01}	The message status is Delivered.
{281:1508010605VNDZBET2AXXX0017000244Y}}	The history of the delivery attempt. The **Y** confirms the delivery.
{5:{CHK:B2756C47D200}	
{SYS:1021010516VNDZBET2AXXX0023000394}}	

Acknowledgement

{1:F21VNDZBET2AXXX0023000397}	Basic header
{4:{177:0105161021}	Text block
{451:0}}	

MT 024 Bulk Retrieval Request

This message is used to request a retrieval of FIN messages previously sent or received by all logical terminals belonging to the requesting destination during the specified time range.

If this message is sent by a primary destination that owns synonyms, then FIN messages sent or received by all logical terminals of the primary BIC and all of its synonyms are retrieved.

Live BICs may retrieve messages up to 124 days old. Test and Training BICs may only retrieve messages up to 48 hours old.

From: User **To:** FIN

Format

Reps	Tag	Field	Content/Comments
0-1	140	retrieval-identifier	User's retrieval identifier
1	142	start-date-time	Starting date and time (GMT) of time range for retrieval, in YYYYMMDDHHMM format
1	143	end-date-time	Ending date and time (GMT) of time range for retrieval, in YYYYMMDDHHMM format

Notes

Bulk retrieval of FIN messages is only available to users that have subscribed to the FIN Bulk Retrieval Service. See the FIN Operations Guide for additional information.

Optional field 140:`<retrieval-identifier>` contains the user's local reference for this bulk retrieval request. The same <retrieval-identifier> can be used to associate multiple, related MTs 024; for example, in the case of requests from multiple destinations of the same institution or operational environment.

Field 142:`<start-date-time>` is interpreted as YYYYMMDDHHMM and 00 seconds.

Field 142 must be in the past.

For live destinations, field 142 must not be more than 124 days in the past.

For Test and Training destinations, field 142 must be within the past 48 hours.

Field 143:`<end-date-time>` is interpreted as YYYYMMDDHHMM and 59 seconds.

Field 143 must be in the past, but must be more recent than field 142:`<start-date-time>`.

For live destinations, the retrieval time range (that is, the difference between <start- and <end-date-time>) must not exceed 24 hours.

For Test and Training destinations, the retrieval time range must not exceed one (1) hour.

Example 1

The MT 024 request, below, is an example of a retrieval that is not urgent, since the retrieval time range (that is, the time range between 9:10 am and 1:45 pm specified in the message) exceeds one (1) hour. See the FIN Operations Guide for more details about urgent retrievals.

Message

`{1:F01BANKBEBBAXXX0074001234}`	Basic header
`{2:I024SWFTXXXXXXXXS}`	Application header
`{4:`	Text block
`{142:200612200910}`	Start date/time is 20 December 2006 at 9:10am GMT

{143:200612201345}}	End date/time is 20 December 2006 at 1:45pm GMT
{5:{CHK:707A86172310}}	

Example 2

If the example MT 024 request, below, were to be sent by a live destination between 5 March 2007 at 3:30pm and 6 March 2007 at 2:30pm, (that is, within 24 hours of the specified time range) then the request would be processed as an urgent retrieval. See the FIN Operations Guide for more details about urgent retrievals.

Message

{1:F01BANKBEBBAXXX1234123456}	Basic header
{2:I024SWFTXXXXXXXXS}	Application header
{4:	Text block
{140:111222333444555}	Retrieval identifier
{142:200703051430}	Start date/time is 5 March 2007 at 2:30pm GMT
{143:200703051530}}	End date/time is 5 March 2007 at 3:30pm GMT
{5:{CHK:12AC75D80BF3}}	

MT 025 Bulk Retrieval Response

This message is the response to an MT 024 Bulk Retrieval Request. This message notifies the user of the results of bulk retrieval processing at FIN. Note that this response does not contain the retrieved messages but is a confirmation that FIN has finished processing the corresponding MT 024 request.

From: FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	251	mir	Message input reference of the corresponding MT 024 Bulk Retrieval Request
0-1	140	retrieval-identifier	Retrieval identifier of the corresponding MT 024 Bulk Retrieval Request, if present
1	144	status	Retrieval status

Notes

Field 251:<mir> is the message input reference of the corresponding MT 024 Bulk Retrieval Request on page 60, and can be used to correlate this response message with the previously sent MT 024 request message.

If optional field 140:<retrieval-identifier> was specified in the MT 024 request, then field 140:<retrieval-identifier> in the MT 025 response contains the same value.

Field 144:<status> provides the status of this bulk retrieval at FIN.

Possible status values are:

- 00 - Successful
- 01 - Too many retrieval requests in progress
- 03 - Retrieval only partially complete
- 08 - Invalid retrieval identifier
- 09 - Tag 251 missing or defective in P24
- 11 - Invalid <start-date-time>
- 12 - Invalid <end-date-time>
- 13 - Invalid retrieval time range
- 14 - Retrieval aborted due to system error
- 15 - Retrieval aborted due to communication error
- 16 - Retrieval aborted on recovery
- 17 - Retrieval aborted by Swift
- 19 - Retrieval complete but some records were unavailable
- 20 - Invalid Test and Training retrieval request
- 22 - Primary BIC cannot be determined

This is an LT-directed message. The FIN interface must therefore SELECT the LT-directed queue for this logical terminal in order to receive MT 025 responses.

Example
Message

{1:F01BANKBEBBAXXX0074023456}	Basic header
{2:O0251530061220ABCDXXXXAXXX0123045678061 2201531S}	
{4:	Text block
{251:061220BANKBEBBAXXX0074005566}	Message input reference of the corresponding MT 024 Bulk Retrieval Request
{140:123456789012345}	Retrieval identifier
{144:00}}	Successful
{5:{CHK:A86107F72310}}	

MT 026 FINCopy Bulk Retrieval Request

This message is used within the context of high volume FINCopy services (> 300,000 copies/day) disaster recovery. The MT 026 will retrieve a copy of all FIN messages "sent by" and "received by" all

logical terminals belonging to the requesting BIC during the specified time frame. The usage of this message requires pre-agreement with Swift.

From: User **To:** FIN

Format

Reps	Tag	Field	Content/Comments
1	140	Retrieval identifier	User's retrieval identifier
1	141	Encryption key	User's encryption key
1	142	Start date time	Starting date and time of retrieval (local time)
1	143	End date time	Ending date and time of retrieval (local time)

Notes

All fields in the MT 026 are mandatory.

Field 140: `<retrieval-identifier>` must be unique for each MT 026 sent by each user.

Field 142:`<start-date-time>` is interpreted as YYYYMMDDHHMM and 00 seconds.

Field 142 must not be more than 4 days in the past.

Field 143:`<end-date-time>` is interpreted as YYYYMMDDHHMM and 59 seconds.

The retrieval time range (that is, the difference between <start- and <end-date-time>) must not exceed 1 hour.

MT 027 FINCopy Bulk Retrieval Response

The MT 027 does not contain the retrieved messages, it is a positive (or negative) response indicating that the retrieval request has been processed.

From: FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	140	Retrieval identifier	Corresponding MT 026 retrieval identifier
1	144	Status	Retrieval status

Notes

The text block will contain the retrieval identifier of the corresponding MT 026, and a field indicating the retrieval status, either successful completion or unsuccessful completion.

Field 144:`<status>` provides the status of this bulk retrieval at FIN.

Possible status values are:

- 00 - Successful
- 01 - Too many retrieval requests in progress

- 02 - Duplicate retrieval
- 03 - Retrieval only partially complete
- 06 - Retrieval ID matches active request but retrieval parameters do not
- 07 - Invalid message type
- 08 - Invalid retrieval identifier
- 10 - Invalid <encryption-key>
- 11 - Invalid <start-date-time>
- 12 - Invalid <end-date-time>
- 13 - Invalid retrieval time range
- 14 - Retrieval aborted due to system error
- 15 - Retrieval aborted due to communication error
- 16 - Retrieval aborted on recovery
- 17 - Retrieval aborted by Swift
- 18 - Retrieval ID cannot be re-used
- 19 - Retrieval complete but some records were unavailable

MT 028 FINCopy Message Status Request

This message is used for monitoring FINCopy service messages within a specific time range.

Unless the range is set, it defaults to cut-off time. It lists the messages held in the FINCopy hold queue that have not yet been authorised in the given service. The response to this message is an MT 029 FINCopy Message Status Report on page 66 containing counts of messages queued by the FINCopy service.

See the FINCopy Service Description for further information.

From: FINCopy server **To:** FIN

Format

Reps	Tag	Field	Content/Comments
1	103	service-code	FINCopy service code.
1	243	hold-queue-request-type	Type of hold queue report, where: • 1 = reports message counts and message input references of original messages that are pending authorisation • 2 = reports message counts only of original messages that are pending authorisation • 3 = reports message counts and message input references of MT 096 copy messages that are pending authorisation To get a complete list of the pending messages for a given service, the MT 028 must be sent from all possible receiver logical terminal of MT 096 for that service.
0-2	177	date-time	Local to the FINCopy server. See notes.

Notes

When field 177 is absent, current date and time is assumed as the cut-off time. The cut-off time is local to the FINCopy server.

If field 177 is present in the request, the response provides the status as of the specified date and time in that field. When only one field 177 is present, it is interpreted as the cut-off time; when both are present the first field 177 is interpreted as the start time and the second is interpreted as the cut-off or end date and time. All times are local to the FINCopy server and are compared with the emission time of the user messages.

When field 243:<hold-queue-request-type> is 1, the MT 029 FINCopy Message Status Report on page 66 provides the message input reference of the original payment message for all messages in the hold queue as well as counts of these messages. When field 243:<hold-queue-request-type> is 2, the MT 029 FINCopy Message Status Report on page 66 provides only the counts.

When field 243:<hold-queue-request-type> is 3, the MT 029 FINCopy Message Status Report on page 66 provides the message input reference of the MT 096 copy message of all MTs 096 that have been sent to the FIN Copy server but for which no MT 097 has yet been received. A count of these messages is also provided.

Example
Message

{4:{103:TGT}{243:1}}	Report on counts and message input references for TARGET2 service messages in the hold queue.
{4:{103:TGT}{243:2}{177:0106051000}}	Report on counts for TARGET2 service messages in the hold queue.
{4:{103:TGT}{243:1}{177:0106052200}{177:0106062359}}	Report on counts and message input references for TARGET2 service message between the specified times.

MT 029 FINCopy Message Status Report

This message returns counts of messages queued at the FINCopy server. It is the response to an MT 028 FINCopy Message Status Request.

The message length of MT 029 is 10,000 characters only if the corresponding MT 028 FINCopy Message Status Request on page 65 has a tag 243 value of 3. Otherwise the length remains 2,000 characters.

See the FINCopy Service Description for further information.

From: FIN **To:** FINCopy server

Format

Reps	Tag	Field	Content/Comments
1	202	section-number	Sequential section number, beginning with 0001, identifying the position of an individual message in a multiple-section message.
1	203	total-sections	Total number of sections in a multi-section message.
0-2	177	date-time	Local to the FINCopy server. See notes.

Reps	Tag	Field	Content/Comments
0-1	103	service-code	FINCopy service code.
0-1	343	cut-off-time-count	See notes.
0-1	533	cut-off-time-count	Either field 343 or field 533 will be present, but not both. See notes.
0-245	106	mir	Message input reference of the message in the hold queue, containing: • Input date • Input logical terminal including branch identifier • Session number • Input sequence number This field can be repeated up to 40 times when <hold-queue-request-type> is 1 and up to 245 times when <hold-queue-request-type> is 3.

Notes

When only one field 177 is present, it is interpreted as the cut-off time; when both are present the first field 177 is interpreted as the start time and the second is interpreted as the cut-off or end date and time. All times are local to the FINCopy server and are compared with the emission time of the user messages.

The optional fields 177, <service-code> and <cut-off-time-count> are only present in the first section of the report.

When field 243:<hold-queue-request-type> is 1, the MT 029 FINCopy Message Status Report on page 66 provides the message input reference of the original payment message for all messages in the hold queue as well as the counts. When field 243:<hold-queue-request-type> is 2, the MT 029 FINCopy Message Status Report on page 66 provides only the counts.

When field 243:<hold-queue-request-type> is 3, the MT 029 FINCopy Message Status Report on page 66 provides the message input reference of the MT 096 copy message of all MTs 096 that have been sent to the FIN Copy server but for which no MT 097 has yet been received. A count of these messages is also provided.

Field 343 contains four 5-digit numbers, separated by a space. This field is present only if the request type is 1 or 2. The sequence of numbers contains the following information:

- The number of status 1 urgent messages with an ACK time later than the start time (if given) and earlier than the cut-off or end times.
- The number of status 2 urgent messages with an ACK time later than the start time (if given) and earlier than the cut-off or end times.
- The number of status 1 normal messages with an ACK time later than the start time (if given) and earlier than the cut-off or end times.
- The number of status 2 normal messages with an ACK time later than the start time (if given) and earlier than the cut-off or end times.

Field 533 contains one 5-digit number. This field is present only if the request type is 3. The sequence of numbers contains the following information:

- The number of status 2 MT 096 copy messages with an ACK time later than the start time (if given) and earlier than the cut-off or end times.

If a message is status 1, this means that the FINCopy message has been received by the Swift system but the MT 096 FINCopy to Server Destination Message on page 139 has not yet been received by the destination server.

If a message is status 2, this means that the MT 096 has been received by the destination server, but the message has not yet been released by the server (that is, the message is in the FINCopy hold queue).

MT 031 Session History Request

The response to this request is a message containing the number of messages sent and received for all General Purpose Application or FIN sessions started and closed within the specified time period, and closed at the time of the request.

It is possible to request a global session history report for all logical terminals belonging to a Swift address.

The response to this message is contained in the MT 051 Session History Report on page 85.

From: User **To:** General Purpose Application or FIN

Format

Reps	Tag	Field	Content/Comments
1	303	lt-code	9th character of BIC-12. The value X signifies details of all logical terminals belonging to the destination.
1	177	date-time	Start date and time. Must not be more than 30 days before the date of this message (see notes).
1	177	date-time	End date and time. Must not be more than 7 days after the start date and time (see notes).

Notes

The two occurrences of field 177 specify a date-time range where the first field 177 is the start time and the second is the end time. The first field 177 must be a date not older than 30 days. If the start date is older than 30 days, the report received is empty. The second field 177 must not be more than seven days after the first field 177.

The 30 day period is a rolling window of exactly 30 x 24 hours back from the moment of the request, for example, if the request is sent at 11:05 local time, the report will provide information as from 11:05 local time 30 x 24 hours ago.

Example
Message

{1:F01VNDZBET2AXXX0015000897}	Basic header
{2:I031SWFTXXXXXXXXS}	

{4:	Text block
{303:A}	
{177:0106050000}	
{177:0106052359}}	
{5:{CHK:A366AFEEDDF8}}	

MT 032 Delivery Subset Status Request

This message requests the system to return a list of counts of messages in each FIN delivery subset, specified by logical terminal, or for all logical terminals defined for the sender's address. The response to this message is an MT 052 Delivery Subset Status Report.

From: User **To:** General Purpose Application or FIN

Format

Reps	Tag	Field	Content/Comments
1	303	It-code	9th character of BIC-12. The value X signifies details of all logical terminals belonging to the destination.

Example Message

{1:F01VNDZBET2AXXX0015000898}	Basic header
{2:I032SWFTXXXXXXXXS}	
{4:	Text block
{303:A}}	
{5:	
{CHK:F47739A32E83}}	

Acknowledgement

{1:F21VNDZBET2AXXX0015000898}	Basic header
{4:	Text block
{177:0106051435}	
{451:0}}	

MT 035 Delivery Instruction Request

This request causes the system to generate a list of FIN delivery subsets and their definitions for the requester's destination. The response to this message is an MT 055 Delivery Instructions Report.

From: User **To:** FIN

Format

Block 4 is not used

Example Message

{1:F01VNDZBET2AXXX0015000899}	Basic header
{2:I035SWFTXXXXXXXXS}	
{5:{CHK:4454D4405050}}	

Acknowledgement

{1:F21VNDZBET2AXXX0015000899}	Basic header
{4:	Text block
{177:0106051436}	
{451:0}}	

MT 036 Logical Terminal History Request

This message requests the system to return a report containing General Purpose Application history information, concerning all General Purpose Application sessions started during the specified time range for the specified logical terminal. The response to this message is an MT 056 Logical Terminal History Report.

From: User **To:** General Purpose Application

Format

Reps	Tag	Field	Content/Comments
1	305	lt-code	9th character of BIC-12.
1	177	date-time	Start date and time. Must not be more than 30 days before the date of this message (see notes).
1	177	date-time	End date and time. Must not be more than 7 days after the start date and time (see notes).

Notes

The two occurrences of field 177 specify a date-time range where the first field 177 is the start time and the second is the end time. The first field 177 must be a date not older than 30 days. The second field 177 must not be more than seven days after the date in the first field 177.

The 30 day period is a rolling window of exactly 30 x 24 hours back from the moment of the request, for example, if the request is sent at 11:05 local time, the report will provide information as from 11:05 local time 30 x 24 hours ago.

Example
Message

{1:A01VNDZBET2AXXX0016000006}	Basic header
{2:I036SWFTXXXXXXXX}	
{4:	Text block
{305:A}	
{177:0106050000}	
{177:0106052359}}	
{5:	
{CHK:A366AFEEDDFB}}	

MT 037 Time Zone Status Request

This message requests the system to generate a report indicating the local time in use in a given Swift region, or in all Swift regions. The response to this message is an MT 057 Time Zone Status Report.

From: User **To:** General Purpose Application or FIN

Format

Reps	Tag	Field	Content/Comments
1	304	region	Region identified by the country code followed by the region code. If the region code is defined as X, then all regions of the country are identified. ALL = all regions.

Notes

Field 304:<region> has the value: ALL meaning all regions or country code and region code and where X as the region code means all the regions of the specified country.

Example Message

{1:F01VNDZBET2AXXX0015000900}	Basic header
{2:I037SWFTXXXXXXXXS}	
{4:	Text block
{304:AUX}}	The local time is requested for all regions in Australia.
{5:	
{CHK:AB118CB5ADB9}}	

Acknowledgement

{1:F21VNDZBET2AXXX0015000900}	Basic header
{4:	Text block
{177:0106051436}	
{451:0}}	

MT 041 Select Status Request for FIN

This message requests the system to generate a SELECT status for the FIN application on a specified logical terminal, or for all the logical terminals belonging to the sender's destination. The response to this message is an MT 061 Select Status Report for FIN.

From: User **To:** General Purpose Application or FIN

Format

Reps	Tag	Field	Content/Comments
1	303	lt-code	9th character of BIC-12. The value X signifies details of all logical terminals belonging to the destination.

Example Message

{1:F01VNDZBET2AXXX0015000902}	Basic header
{2:I041SWFTXXXXXXXXS}	
{4:	Text block
{303:A}}	
{5:	

{CHK:F47739A32E83}}	

Acknowledgement

{1:F21VNDZBET2AXXX0015000902}	Basic header
{4:	Text block
{177:0106051438}	
{451:0}}	

MT 042 Cut-off Times List Request

This message requests the system to generate a list of the cut-off times in a specific Swift region, or in all Swift regions. The response to this message is an MT 062 Cut-off Time List Report.

From: User **To:** General Purpose Application

Format

Reps	Tag	Field	Content/Comments
1	304	region	Region identified by the country code followed by the region code. If the region code is defined as X, then all regions of the country are identified. ALL = all regions.

Notes

Field 304:<region> has the value: ALL meaning all regions or country code and region code and where X as the region code means all the regions of the specified country.

Example Message

{1:A01VNDZBET2AXXX0016000010}	Basic header
{2:I042SWFTXXXXXXXX}	
{4:	Text block
{304:AUX}}	The cut-off time is requested for all regions of Australia.
{5:	
{CHK:AB118CB5ADB9}}	

Acknowledgement

{1:A21VNDZBET2AXXX0016000010}	Basic header

{4:	Text block
{177:0106051420}	
{451:0}}	

MT 043 Non-Banking Days List Request

This message requests the system to generate a list of non-banking days (holidays and weekends) worldwide for the next two weeks. The response to this message is an MT 063 Non-Banking Days List Report.

From: User **To:** General Purpose Application

Format

Block 4 is not used

Example Message

{1:A01VNDZBET2AXXX0016000011}	Basic header
{2:I043SWFTXXXXXXXX}	
{5:	
{CHK:4454D4405050}}	

Acknowledgement

{1:A21VNDZBET2AXXX0016000011}	Basic header
{4:	Text block
{177:0106051420}	
{451:0}}	

MT 044 Undelivered Report Rules Redefinition

This message causes the system to change the rules for generating the undelivered message report for the requesting logical terminal. The response to this message is an MT 064 Undelivered Report Rules Change Report.

From: User **To:** FIN

Format

Reps	Tag	Field	Content/Comments
1	302	holiday-suppression	Holiday suppression option, where: • Y = yes. Suppression during holiday • N = no. No suppression during holiday
1	341	generation-time-options	Generation option, where: • <hour> = fixed hour every day, in the range 00-23 • CF = cut-off time for every country. When CF option is selected, tag 301 is required with either RT or VD option. • RQ = on request only. When RQ option is selected, tag 301 is not allowed.
0-1	301	reporting-options	Reporting options, where: • RT = all undelivered at report time • nn = undelivered for more than nn hours (range: 00<nn<=24). The option 301:nn is not allowed if generation time option is CF. • VD = value-date-sensitive message undelivered after the receiver's cut-off time on the value date

Example Message

{1:F01VNDZBET2AXXX0015000903}	Basic header
{2:I044SWFTXXXXXXXXS}	
{4:	Text block
{302:N}	There is no suppression during holidays.
{341:08}	The report is generated at 0800.
{301:RT}}	The report refers to all messages undelivered at report time.
{5:	
{CHK:2FA2C6A5A931}}	

Acknowledgement

{1:F21VNDZBET2AXXX0015000903}	Basic header
{4:	Text block
{177:0106051441}	
{451:0}}	

MT 045 Daily Check Time Change Request

This message tells the system at what time to generate the daily check report for FIN or the General Purpose Application. The time is set for all the destination's logical terminals. The response to this message is an MT 065 Time Change Report for Daily Check Report.

From: User **To:** General Purpose Application or FIN

Format

Reps	Tag	Field	Content/Comments
1	174	hour	Hour, local to the sender, when the daily check report should be generated. Hour is in the range 00-23.

Example Message

{1:F01VNDZBET2AXXX0015000904}	Basic header
{2:I045SWFTXXXXXXXXS}	
{4:	Text block
{174:23}}	The report is generated at 2300.
{5:	
{CHK:FA775FE5273F}}	

Acknowledgement

{1:F21VNDZBET2AXXX0015000904}	Basic header
{4:	Text block
{177:0106051442}	
{451:0}}	

MT 046 Undelivered Message Report Request

This message causes the system to generate a list of all undelivered messages input by the sending logical terminal, or by all logical terminals belonging to the requester's destination. The response to this message is an MT 066 Solicited Undelivered Message Report.

From: User **To:** FIN

Format

Reps	Tag	Field	Content/Comments
1	303	lt-code	9th character of BIC-12. The value X signifies details of all logical terminals belonging to the destination.
1	301	reporting-options	Reporting options, where: • RT = all undelivered at report time • nn = undelivered for more than nn hours (range: 00<nn<=24). The option 301:nn is not allowed if generation time option is CF. • VD = value-date-sensitive message undelivered after the receiver's cut-off time on the value date

Notes

Field 303:<lt-code> specifies either a specific logical terminal or, if it has the value X, specifies all logical terminals belonging to the Swift address.

Example
Message

{1:F01VNDZBET2AXXX0015000905}	Basic header
{2:I046SWFTXXXXXXXXS}	
{4:	Text block
{303:A}	
{301:RT}}	The report refers to all messages undelivered at report time.
{5:	
{CHK:B2190DEBB2D5}}	

Acknowledgement

{1:F21VNDZBET2AXXX0015000905}	Basic header
{4:	Text block
{177:0106051442}	
{451:0}}	

MT 047 Delivery Instructions Redefinition Request

This message allows a logical terminal to create FIN delivery subsets for the destination to which it belongs. It specifies how the FIN output messages are to be assigned to the delivery subsets, based on priority, category, message type, service code, branch identifier, or field tag.

From: User **To:** General Purpose Application

Format

Reps	Tag	Field	Content/Comments
1	206	value-date-ordering	Value date ordering, where: • Y = on • N = off
0-1	348	subset-sharing	Indicates the way in which selected FIN delivery subsets can be shared among multiple logical terminals of a destination, where: • N = subset sharing is not allowed • O = sharing allowed using overflow mechanism • L = sharing allowed using load-balancing mechanism If this field is not present, then subset sharing is not allowed.
Followed by the delivery details, which can be repeated up to 30 times:			
1	339	delivery-subset-name	Name assigned by the user to a delivery subset.
Field 349 can be used once for each occurrence of field 339			
0-1	349	combined-criteria	Indicates the way in which fields are combined to form delivery subset selection logic, where: • 0 = not combined • 1 = branch identifier combined with other fields
Field 344 can be repeated up to a maximum of three times for each occurrence of field 339			
1	344	priority-category	Priority and, optionally, message categories, where: • S = system • U = urgent • N = normal
Field 345 can be used once for each occurrence of field 344			
0-1	345	msg-type-service-code-list	List of up to 10 message types and/or service codes in any combination.
Field 346 can be used once for each occurrence of field 344			
0-1	346	branch-identifier-list	List of up to 10 branch identifiers in any combination.
Field 347 can be used once for each occurrence of field 344			
0-1	347	field-list	List of up to 10 field tags. 13C is the only field currently supported.

Notes

The MT 047 is used to define the full set of delivery subsets for the entire destination. Therefore, each MT 047 must contain the full set of delivery subset definitions, even when only minor changes are made to the previous subset definitions.

If field 206:<value-date-ordering> is Y, then messages will be delivered from each selected delivery subset in value date order (that is, from earliest to latest value date). Otherwise, messages will not be reordered by value date.

If field 348:<subset-sharing> is not present, then the most recent subset sharing specified for this destination in a previous MT 047 is applied. If field 348 has never been specified in any MT 047 for this destination, then previous behaviour remains unchanged.

The MT 047 must contain at least one, and may contain up to 30, delivery subset definitions. A delivery subset definition consists of:

- A six-character <delivery-subset-name> specified in field 339 followed by...
- An optional field 349:<combined-criteria>, and...
- From one to three occurrences of field 344:<priority-category>, each of which may be followed by...
  - Field 345:<msg-type-service-code-list>
  - Field 346:<branch-identifier>
  - Field 347:<field-list>

Each delivery subset is identified by its <delivery-subset-name>, which must be unique within the destination.

Field 339:<delivery-subset-name> must not have LTDIR as its first five characters, as names of this form are reserved for the LT-directed queues.

If field 349:<combined-criteria> is not present, then the selection criteria for that delivery subset are not combined, which is the same behaviour as <combined-criteria> set to 0.

If field 349:<combined-criteria> is 0 or not present, then:

- Field 344:<priority-category> may contain zero, one or more categories.
- Field 345:<msg-type-service-code-list> is optional.
- Field 346:<branch-identifier> is optional.
- Field 347:<field-list> is optional.

If field 349:<combined-criteria> is 1, then:

- Either field 344:<priority-category> must contain one or more categories, or field 345:<msg-type-service-code-list> must be present, or both.
- Field 346:<branch-identifier> must be present.
- Field 347:<field-list> is not allowed.

For each field 339:<delivery-subset-name>, up to three occurrences of field 344:<priority-category> may appear, one for each of the three priorities (S, U, and N).

Field 344:<priority-category> must contain a priority (that is, S, U, or N) and may also contain up to nine message categories. The priority and categories must be compatible, that is, priority S with category 0, and priority U or N with categories 1 through 9.

Field 345:<msg-type-service-code-list> contains up to ten three-character FIN message types or service codes. The message types must be valid FIN message types. The service codes must be valid service identifiers of FINCopy services, that is, the same three characters that appear in the FIN user header, field 103:<service-identifier>.

The message types in field 345:<msg-type-service-code-list> must be compatible with the priority specified in the corresponding field 344:<priority-category>. That is, only system message types if priority is S, and only user-to-user message types if priority is U or N.

Field 344:<priority-category> may contain the category to which a message type belongs (1-9) while field 345:<msg-type-service-code-list> contains message types. However, the message types listed in field 345 must not be from the category listed in field 344.

Field 346:<branch-identifier-list> contains up to ten three-character branch identifiers, which must be valid branch identifiers of the destination.

Field 347:<field-list> may appear at most two times throughout the entire MT 047: once where priority is U and <combined-criteria> is 0 or not present, and once where priority is N and <combined-criteria> is 0 or not present.

Each user-to-user category (that is, category 1 through 9), as well as each user-to-user message type, service code, and branch identifier, may appear at most four times throughout the entire MT 047. They may occur only once for each combination of priority and <combined-criteria> as follows:

- Once where priority is U and <combined-criteria> is 0 or not present
- Once where priority is U and <combined-criteria> is 1
- Once where priority is N and <combined-criteria> is 0 or not present
- Once where priority is N and <combined-criteria> is 1

Category 0, and each distinct system message type, may each appear at most two times throughout the entire MT 047: once where <combined-criteria> is 0 or not present, and once where <combined-criteria> is 1.

Each MT 047 must include at least one instance of S, U, and N without any other criteria. These can be in one, two or three separate subsets, and are in addition to any other criteria, even if all possible message types and priorities are covered in other subsets. Failure to do this results in NAK V57.

When new FIN message types are made available in future test mode, then Test and Training users can specify them in field 345:<msg-type-service-code-list>.

How messages are queued to delivery subsets

If field 349:<combined-criteria> is 0 or not present, then the following selection logic is used to determine whether a particular message qualifies for that delivery subset:

- The priority of the message must match the priority specified in one of the field 344:<priority-category> of the delivery subset, and
- If that field 344 also has other criteria specified (such as one or more categories, or a corresponding field 345, 346, or 347), then at least one of the following conditions must also be true:
  - If one or more categories are specified in the field 344, then the category of the message must match one of those categories, or
  - If field 345:<msg-type-service-code-list> is present, then the message type or service code of the message must match one of those message types or service codes, or
  - If field 346:<branch-identifier> is present, then the receiver's branch identifier must match one of those branch identifiers, or
  - If field 347:<field-list> is present, then the message must contain field tag 13C without code words /RNCTIME/ or /SNDTIME/

If field 349:<combined-criteria> is 1, then the following selection logic is used to determine whether a particular message qualifies for that delivery subset:

- The priority of the message must match the priority specified in one of the field 344:<priority-category> of the delivery subset, and
- The receiver's branch identifier must match one of the branch identifiers specified in field 346:<branch-identifier>, and
- If field 345:<msg-type-service-code-list> is present and contains one or more service codes, then the service code of the message must match one of those service codes, and
- One of the following conditions must also be true:
  - If one or more categories are specified in the field 344, then the category of the message must match one of those categories, or
  - If field 345:<msg-type-service-code-list> is present and contains one or more message types, then the message type of the message must match one of those message types

If a particular message qualifies for multiple delivery subsets, then the following order of precedence (from highest to lowest) is used to select the best delivery subset for that message based on matched criteria:

- 1. Field 13C (highest ranked match)
- 2. Combined criteria: branch identifier and service code
- 3. Combined criteria: branch identifier and message type
- 4. Combined criteria: branch identifier and category
- 5. Service code
- 6. Branch identifier
- 7. Message type
- 8. Category
- 9. Priority only, that is, default "catch-all" (lowest rank match)

Example

Note: the following example defines many subsets and all these combinations are not required.

Destination VNDZBET2 would like to send an MT 047 that specifies value date ordering, subset sharing via load-balancing, and the following delivery subsets:

Delivery Subset Name	Contents
FLD13C	All messages containing field 13C
BBB9XX	Category 9 messages directed to branch identifier BBB
BBBALL	All other traffic to branch identifier BBB
FINCPY	FINCopy messages for services ABC and XYZ
INVFND	Investment funds via MTs 502, 509, and 515
ANSWER	MT x96 answers to queries
PAYXFR	Payments and transfers via categories 1 and 2

Delivery Subset Name	Contents
SYSTEM	System message
OTHERS	Catch-all for all remaining messages

Message

{1:A01VNDZBET2XXX0841000001}	Basic header
{2:I047SWFTXXXXXXXX}	Application header
{4:	Text block
{206:Y}	Value-date ordering is used
{348:L}	Subset sharing allowed using load-balancing mechanism
{339:FLD13C}	Definition for subset FLD13C:
{344:N}	Normal priority
{347:13C}	And field 13C is present, or...
{344:U}	Urgent priority
{347:13C}	And field 13C is present
{339:BBB9XX}	Definition for subset BBB9XX:
{349:1}	Combine branch identifier with other fields
{344:N9}	Normal priority, category 9
{346:BBB}	And branch identifier BBB, or...
{344:U9}	Urgent priority, category 9
{346:BBB}	And branch identifier BBB
{339:BBBALL}	Definition for subset BBBALL:
{344:N}	Normal priority
{346:BBB}	And branch identifier BBB, or...
{344:U}	Urgent priority
{346:BBB}	And branch identifier BBB
{339:FINCPY}	Definition for subset FINCPY:
{344:N}	Normal priority
{345:ABCXYZ}	And FINCopy service ABC or XYZ, or...

{344:U}	Urgent priority
{345:ABCXYZ}	And FINCopy service ABC or XYZ
{339:INVFND}	Definition for subset INVFND:
{344:N}	Normal priority
{345:502509515}	And MT 502, 509, or 515, or...
{344:U}	Urgent priority
{345:502509515}	And MT 502, 509, or 515
{339:ANSWER}	Definition for subset ANSWER:
{344:N}	Normal priority
{345:19629639649659669679689699 6}	And MT x96, or...
{344:U}	Urgent priority
{345:19629639649659669679689699 6}	And MT x96
{339:PAYXFR}	Definition for subset PAYXFR:
{344:N12}	Normal priority, and category 1 or 2, or...
{344:U12}	Urgent priority, and category 1 or 2
{339:SYSTEM}	Definition for subset SYSTEM:
{344:S}	Catch-all for system priority
{339:OTHERS}	Definition for subset OTHERS:
{344:U}	Catch-all for urgent priority
{344:N}	Catch-all for normal priority
{5:	Trailer block
{CHK:5DE1754F7DF0}}	Checksum trailer

Acknowledgement

{1:A21 VNDZBET2AXXX0841000001}	Basic header
{4:{177:0106051940}	Text block date-time
{451:0}}	Accepted

MT 048 Undelivered Report Rules Request

This message requests the system to return details of the undelivered report rules for the requesting logical terminal. The response to this message is an MT 068 Undelivered Report Rules.

From: User **To:** FIN

Format

Block 4 is not used

Example
Message

{1:F01VNDZBET2AXXX0015000906}	Basic header
{2:I048SWFTXXXXXXXXS}	
{5:	
{CHK:4454D4405050}}	

Acknowledgement

{1:F21VNDZBET2AXXX0015000906}	Basic header
{4:	Text block
{177:0106051443}	
{451:0}}	

MT 049 Daily Check Report Time Query

This message requests the system to return the time at which the FIN or General Purpose Application daily check report is generated. The response to this message is an MT 069 Daily Check Report Time Status.

From: User **To:** General Purpose Application or FIN

Format

Block 4 is not used

Example
Message

{1:F01VNDZBET2AXXX0015000907}	Basic header
{2:I049SWFTXXXXXXXXS}	
{5:	

{CHK:4454D4405050}}	

Acknowledgement

{1:F21VNDZBET2AXXX0015000907}	Basic header
{4:	Text block
{177:0106051443}	
{451:0}}	

MT 051 Session History Report

This message provides statistical data for all closed General Purpose Application or FIN sessions during the requested time period. The report is the response to an MT 031 Session History Request.

From: General Purpose Application or FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	202	section-number	Sequential section number, beginning with 0001, identifying the position of an individual message in a multiple-section message.
1	203	total-sections	Total number of sections in a multi-section message.
1	305	lt-code	9th character of BIC-12.
0-n	331	session-info	Session information, including: • Session number • Date session opened • Time session opened • Date session closed • Time session closed • Reason for closure • Quantity of messages sent • Quantity of messages received • First input sequence number • Last input sequence number • First output sequence number • Last output sequence number Repeated for as many sessions as have been opened and closed for the logical terminal.

Reps	Tag	Field	Content/Comments
1	332	lt-summary	Logical terminal summary, including: • Total messages sent • Total messages received In FIN, this field can be repeated for as many logical terminals as belong to the destination.
Fields 305, 331, and 332 may be repeated in FIN only			
0-n	305	lt-code	9th character of BIC-12.
0-n	331	session-info	Session information, including: • Session number • Date session opened • Time session opened • Date session closed • Time session closed • Reason for closure • Quantity of messages sent • Quantity of messages received • First input sequence number • Last input sequence number • First output sequence number • Last output sequence number Repeated for as many sessions as have been opened and closed for the logical terminal.
0-n	332	lt-summary	Logical terminal summary, including: • Total messages sent • Total messages received

Notes

The session information provided in the report is the same as that given in the session line of a QUIT or LOGOUT acknowledgement including:

- session number
- date and time the session was opened
- date and time the session was closed
- a reason code, indicating the reason for the closure
- number of messages sent (input sequence numbers used) in that session
- number of messages received (output sequence numbers used) in that session
- first and last input sequence number used in that session
- first and last output sequence number used in that session.

For each logical terminal, a separate total number of messages sent and received for all the sessions listed, is also stated. See also the MT 081 Daily Check Report on page 129, which provides similar information on a daily basis.

In a major system failure (Slice Processor level 3 recovery), some session data may be irrecoverable. This data is shown as zeros in field 331:`<session-info>`.

From time to time, BICs may be moved from one owning Slice Processor to another for purposes of load balancing. In such a scenario, the MT 051 will only return session information for sessions established on the new owning Slice Processor. Information for sessions established within the previous 30 days on the previous Slice Processor can be obtained by contacting a Customer Support Centre. If no sessions have been established, an MT 015 Delayed NAK containing error code V22 (empty report) will be returned.

The 30 day period is a rolling window of exactly 30 x 24 hours back from the moment of the request, for example, if the request is sent at 11:05 local time, the report will provide information as from 11:05 local time 30 x 24 hours ago.

Example
Message

{1:F01VNDZBET2AXXX0020000247}	Basic header
{2:O0511511010606DYDYXXXXGXXX00000130850105141149S}	
{4:	Text block
{202:0001}	
{203:0001}	
{305:A}	Session information applies to logical terminal code **A**.
{331:0016010605134701060514 37A610000000000020003740003740002420002 43}	Information for session number **0016**.
{331:0017010605145401060515090000000020000020003750003760002440002 45}	Information for session number **0017**.
{331:0018010605151101060515390010000020000010003770003780002460002 46}	Information for session number **0018**.
{332:000004000005}	4 messages sent and 5 messages received.
{305:B}	Session information applies to logical terminal code **B**.
{331:0001010605150401060515390010000030000070000010000030000001000007}	Information for session number **0001**.
{332:000003000007}}	3 messages sent and 7 messages received.
{5:{CHK:F9351591947F}	
{SYS:1610010606VNDZBET2AXXX0019000381}	
{DLM:}}	

Acknowledgement

{1:F21VNDZBET2AXXX0020000247}	Basic header
{4:{177:0105141143}	Text block
{451:0}}	

MT 052 Delivery Subset Status Report

This message gives the total number of messages awaiting delivery in each subset at generation time. It is the response to an MT 032 Delivery Subset Status Request.

From: General Purpose Application or FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
Report details:			
0-1	348	subset-sharing	Indicates the way in which selected FIN delivery subsets can be shared among multiple logical terminals of a destination, where: • N = subset sharing is not allowed • O = sharing allowed using overflow mechanism • L = sharing allowed using load-balancing mechanism If this field is not present, then subset sharing is not allowed.
1-n	336	delivery-subset-status	Can be repeated as many times as there are delivery subsets. It specifies the delivery subset name, the number of messages in the queue and, optionally, the logical terminal code or codes if the logical terminals are sharing subsets. For example: {336:NORMAL00000ABC}. For LT-directed queues, the delivery subset name is in the form LTDIRa where a identifies the logical terminal that selects the specified subset. For example: {336:LTDIRB00000B}.
OR			
1	461	report-code	Report error code. In the General Purpose Application, 001 if the report is empty.

Notes

In case of an empty report, only field 461:<report-code> is present. Otherwise, report details are given using (optional) field 348:<subset-sharing> followed by one or more field 336:<delivery-subset-status>.

Field 348:<subset-sharing> is only present if a previous MT 047 Delivery Instructions Redefinition Request on page 77, with <subset-sharing> set to N, O, or L, was sent. Otherwise, field 348:<subset-sharing> is not present.

Field 336 lists:

- The name of the delivery subset(s) currently selected by the logical terminal(s), or currently defined for the destination. This field will be shown once for each subset, regardless of whether it is shared or not when the MT 032 Delivery Subset Status Request on page 69 is for a single logical terminal. If an MT 032 requests details of all logical terminals, field 336 will not be repeated for shared subsets for destinations that have migrated to the interface. It will only be shown once and report all the logical terminals that selected it.
- The number of messages queued in each subset (an empty subset is indicated by zero)
- In FIN, `<lt-code>` is appended if the sending logical terminal has selected the delivery subset. It is not present if no delivery subsets are selected by any logical terminals. For example: `{336:URGENT00000}`

Example
Message

{1:F01VNDZBET2AXXX0015001467}	Basic header
{2:O0521335010605LRLRXXXX0XXX0000000104010 6051436S}	
{4:	Text block
{348:L}	Subset sharing using load-balancing mechanism is allowed for this destination.
{336:LTDIRA00000A}	The LT-directed queue for logical terminal code **A** is empty.
{336:SYSTEM00002A}	The system delivery subset for logical terminal code **A** contains two messages.
{336:URGENT00000A}	The urgent delivery subset for logical terminal code **A** is empty.
{336:NORMAL00003ABC}	The normal delivery subset shared between logical terminal codes **A**, **B**, and **C** contains three messages.
{5:	
{CHK:B4CDE8E74871}	
{SYS:1435010605VNDZBET2AXXX0015000898}}	

Acknowledgement

{1:F21VNDZBET2AXXX0015001467}	Basic header
{4:	Text block
{177:0106051534}	
{451:0}}	

MT 055 Delivery Instructions Report

This message gives the current delivery subset criteria. It is the response to an MT 035 Delivery Instruction Request.

From: FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	206	value-date-ordering	Value date ordering, where: • Y = on • N = off
0-1	348	subset-sharing	Indicates the way in which selected FIN delivery subsets can be shared among multiple logical terminals of a destination, where: • N = subset sharing is not allowed • O = sharing allowed using overflow mechanism • L = sharing allowed using load-balancing mechanism If this field is not present, then subset sharing is not allowed.
Followed by the delivery details, which can be repeated up to 30 times:			
1	339	delivery-subset-name	Name assigned by the user to a delivery subset.
Field 349 can be used once for each occurrence of field 339			
0-1	349	combined-criteria	Indicates the way in which fields are combined to form delivery subset selection logic, where: • 0 = not combined • 1 = branch identifier combined with other fields
Field 344 can be repeated up to a maximum of three times for each occurrence of field 339			
1	344	priority-category	Priority and, optionally, message categories, where: • S = system • U = urgent • N = normal
Field 345 can be used once for each occurrence of field 344			
0-1	345	msg-type-service-code-list	List of up to 10 message types and/or service codes in any combination.
Field 346 can be used once for each occurrence of field 344			
0-1	346	Branch identifiers	Optional Max 10 branch identifiers
Field 347 can be used once for each occurrence of field 344			

Reps	Tag	Field	Content/Comments
0-1	347	Field13C	Optional Content of the field: "13C".

Notes

The maximum number of delivery subsets is 30.

Fields 344 and, optionally, 345 can be repeated three times in each sub-block.

Field 348:`<subset-sharing>` is only present if a previous MT 047 Delivery Instructions Redefinition Request on page 77, with `<subset-sharing>` set to N, O, or L, was sent. Otherwise, field 348:`<subset-sharing>` is not present.

For examples on delivery subsets, see MT 047 Delivery Instructions Redefinition Request on page 77.

Example
Message

{1:F01VNDZBET2AXXX0015001468}	Basic header
{2:O0551336010605LRLRXXXX0XXX00000001050106051436S}	
{4:	Text block
{206:N}	Value date ordering is not used.
{339:SYSTEM}	A delivery subset called SYSTEM
{344:S}	Its priority is system.
{339:URGENT}	A delivery subset called URGENT
{344:U}	Its priority is urgent.
{339:NORMAL}	A delivery subset called NORMAL
{344:N}}	Its priority is normal.
{5:	
{CHK:4B75CD05A411}	
{SYS:1436010605VNDZBET2AXXX0015000899}}	

Acknowledgement

{1:F21VNDZBET2AXXX0015001468}	Basic header
{4:	Text block
{177:0106051535}	
{451:0}}	

MT 056 Logical Terminal History Report

This message contains General Purpose Application login history information for the requested time period. It is the response to an MT 036 Logical Terminal History Request.

From: General Purpose Application **To:** User

Format

Reps	Tag	Field	Content/Comments
1	202	section-number	Sequential section number, beginning with 0001, identifying the position of an individual message in a multiple-section message.
1	203	total-sections	Total number of sections in a multi-section message.
1	305	lt-code	9th character of BIC-12.
1-n	270	login-attempt	22 Login Positive Acknowledgement on page 20 or 42 Login Negative Acknowledgement on page 27 Field 270 is repeated as many times as will fit in this section.

Notes

In this message, the logical terminal code of the logical terminal being reported on is given in the report and, for all LOGIN attempts listed, the report shows:

- the system date and time stamp of the login attempt
- the login message which was sent
- the positive or negative acknowledgement message which was returned

The 30 day period is a rolling window of exactly 30 x 24 hours back from the moment of the request, for example, if the request is sent at 11:05 local time, the report will provide information as from 11:05 local time 30 x 24 hours ago.

From time to time, BICs may be moved from one owning Slice Processor to another for purposes of load balancing. In such a scenario, the MT 056 will only return information for logins on the new owning Slice Processor. Information for login attempts within the previous 30 days on the previous Slice Processor can be obtained by contacting a Customer Support Centre. If no log-in attempts have been made, an MT 015 Delayed NAK containing error code V22 (empty report) will be returned.

Example

Logical Terminal History Report:

Message and Acknowledgement

{1: A01VISHUSEIAXXX0811000001}	Basic header
{2:O0561338060926DYDYXXXXGXXX0000889529060 9261438}	
{4:	Text block
{202:0001}	

{203:0001}	
{305:A}	Logical terminal code is **A**
{270:0609261330{1:L02VISHUSEIAXXX}	First session login request
{4:{110:001}{329:N}}	Text used to authenticate the user
{1:L22VISHUSEIAXXX}	Result of first login attempt, which is a positive acknowledgement containing ...
{4:	
{151:0810}	New session number
{177:0609261430}	
{110:001}	
{333:0609251632080906092516360000000020000 03}}}	Information for the previous session
{270:0609261332{1:L02VISHUSEIAXXX}	Second session login request
{4:{110:001}{329:N}}	
{1:L42VISHUSEIAXXX}	Result of second login attempt which is a reject containing ...
{4:{503:L38}	Error code
{177:0609261432}}}	
{270:0609261336{1:L02VISHUSEIAXXX}	
{4:{110:001}{329:N}}	
{1:L22VISHUSEIAXXX}	Result of third login attempt, which is a positive acknowledgement containing ...
{4:	
{151:0811}	
{177:0609261436}	
{110:001}	
{333:0609261430081006092614300000000010000 01}}}}	
{5:{CHK:B7709528FCC5}	
{SYS:1438060926VISHUSEIAXXX0811000001}}	

MT 057 Time Zone Status Report

This message indicates the delta time in use in a given Swift region, or in all Swift regions. It is the response to an MT 037 Time Zone Status Request.

From: General Purpose Application or FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	202	section-number	Sequential section number, beginning with 0001, identifying the position of an individual message in a multiple-section message.
1	203	total-sections	Total number of sections in a multi-section message.
1-n	334	region-info	Region information, including: • Country and region code • Region delta hour • Region delta minutes This field is repeated once for each user-specified region in the MT 037 Time Zone Status Request on page 71. See the FIN Service Description or the FIN Operations Guide for further details of delta time notation. The list of region codes per country is available in the BIC Plus, which is available on www.swiftrefdata.com.

Example Message

{1:F01VNDZBET2AXXX0015001469}	Basic header
{2:O0571336010605LRLRXXXX0XXX00000001060106051437S}	
{4:	Text block
{202:0001}	
{203:0007}	
{334:CA21640}	The local time is **1640** in region **2** of country **CA**
{334:ADA1300}	
{334:ANA0800}	
{334:ANC0800}	
{334:ANS0800}	
{334:AN20800}	

{334:AU80610}	The local time is **0610** in region **8** of country **AU**
{334:ATW1300}	
{334:AT21300}	
{334:AUB2200}	
{334:RU22340}	The local time is **2340** in region **2** of country **RU**
{334:AU02200}	
...	
{5:	
{CHK:A39E1E46627C}	
{SYS:1436010605VNDZBET2AXXX0015000900}}	

Acknowledgement

{1:F21VNDZBET2AXXX0015001469}	Basic header
{4:	Text block
{177:0106051535}	
{451:0}}	

MT 061 Select Status Report for FIN

This message indicates the SELECT status for each logical terminal at the destination. It is a response to an MT 041 Select Status Request for FIN.

From: General Purpose Application or FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	202	section-number	Sequential section number, beginning with 0001, identifying the position of an individual message in a multiple-section message
1	203	total-sections	Total number of sections in a multi-section message
1	206	value-date-ordering	Value date ordering, where: • Y = on • N = off

Reps	Tag	Field	Content/Comments
0-1	348	subset-sharing	Indicates the way in which selected FIN delivery subsets can be shared among multiple logical terminals of a destination, where: • N = subset sharing is not allowed • O = sharing allowed using overflow mechanism • L = sharing allowed using load-balancing mechanism If this field is not present, then subset sharing is not allowed.
Fields 305 to 118 are repeated once for each logical terminal belonging to the destination			
1	305	lt-code	9th character of BIC-12
1	337	lt-select-status	Logical terminal select status, where: • YN = input only • NY = output only • YY = input/output • NN = no session
0-1	208	lt-directed-queue	Select output of messages from the LT-directed queue, where: • Y = yes • N = no
0-1	338	delivery-subset-list	Up to 30 delivery subsets can be selected
0-1	116	value-date-today	Restricts delivery of messages, where: • Y = yes. Only deliver messages with a value date of today or earlier • N = no. Do not restrict delivery based on value date
0-1	118	lt-subsets-shared-flag	Whether a logical terminal allows sharing of its selected FIN delivery subsets with other logical terminals at the same destination, where: • Y = yes. Destination operating in shared mode using overflow mechanism

Notes

Field 348:`<subset-sharing>` is only present if a previous MT 047 Delivery Instructions Redefinition Request on page 77, with `<subset-sharing>` set to N, O, or L, was sent. Otherwise, field 348:`<subset-sharing>` is not present.

Field 116:`<value-date-today>` is only present if an MT 077 Additional Selection Criteria for FIN on page 128, with value-date-today restriction Y, was sent by the logical terminal.

Field 118:`<lt-subsets-shared-flag>` is only present if the MT 077 requesting delivery subset sharing was sent.

If field 118:`<lt-subsets-shared-flag>` is Y, then it takes precedence over field 348:`<subset-sharing>`. So if field 118 is Y, then the destination is operating in shared mode using the overflow mechanism, even if field 348 is L or not present.

Example Message

{1:F01VNDZBET2AXXX0020000248}	Basic header
{2:O0611511010606ABLRXXXXGXXX00000130860105141149S}	
{4:	Text block
{202:0001}	
{203:0001}	
{206:N}	Value date ordering is not used.
{348:O}	Subset sharing using overflow mechanism is allowed for this destination.
{305:A}	For logical terminal code **A** ...
{337:YN}	Logical terminal select status is input only.
{208:N}	Output is not from the LT-directed queue.
{305:B}	For logical terminal code **B** ...
{337:YY}	Logical terminal select status is input/output.
{208:Y}	Output is from the LT-directed queue.
{338:SYSTEMURGENTNORMAL}	Delivery subsets are SYSTEM, URGENT, NORMAL.
{305:C}	For logical terminal code **C** ...
{337:NN}	Logical terminal select status is that there is no session.
{208:N}}	Output is not from the LT-directed queue.
{5:{CHK:3359D755202A}	
{SYS:1611010606VNDZBET2AXXX0019000382}	
{DLM:}}	

Acknowledgement

{1:F21VNDZBET2AXXX0020000248}	Basic header
{4:{177:0105141143}	Text block
{451:0}}	

MT 062 Cut-off Time List Report

Important If no cut-off time is specified for the country, the list will show 0000 local time

This message lists the cut-off times applied to Swift messages in each country/region requested. The cut-off times are stated in the requestor's local time. It is the response to an MT 042 Cut-off Times List Request.

From: General Purpose Application **To:** User

Format

Reps	Tag	Field	Content/Comments
1	202	section-number	Sequential section number, beginning with 0001, identifying the position of an individual message in a multiple-section message
1	203	total-sections	Total number of sections in a multi-section message
1-n	342	cut-off-time	Region and time. Repeated once for each cut-off region that is requested

Example Message

{1:A01VNDZBET2AXXX0016000023}	Basic header
{2:O0621320010605LRLRXXXX0XXX0000000158010 6051423}	
{4:	Text block
{202:0001}	
{203:0002}	
{342:AAA0620}	
{342:ADA0830}	
{342:ANA1400}	
{342:ANC1400}	
{342:ANS1400}	
{342:AN21300}	
{342:ARB1640}	The cut-off time is **1640** in region **B** of country **AR**.
{342:ATW0830}	
{342:AT20830}	
{342:AUB0500}	
{342:AUC0500}	The cut-off time is **0500** in region **C** of country **AU**.

{342:AU00500}	
{342:AU10500}	
{342:AU20500}	
{342:AU30500}	
...	
}	
{5:	
{CHK:95F248108008}	
{SYS:1420010605VNDZBET2AXXX0016000010}}	

MT 063 Non-Banking Days List Report

Important Non-banking days for a country refer to full holidays applying to the entire country. Half-day holidays or holidays applying to parts of a country are not included in these reports

This message lists the non-banking days worldwide during the next two weeks. It is the response to an MT 043 Non-Banking Days List Request.

From: General Purpose Application **To:** User

Format

Reps	Tag	Field	Content/Comments
1	202	section-number	Sequential section number, beginning with 0001, identifying the position of an individual message in a multiple-section message
1	203	total-sections	Total number of sections in a multi-section message
1	172	date-range	Date range, containing: • Start date • End date
1	340	non-banking-days	Can be repeated as many times as there are regions requested. For each country there can be a maximum of 14 dates

Example Message

{1:A01VNDZBET2AXXX0016000025}	Basic header
{2:O0631320010605LRLRXXXX0XXX0000000160010 6051424}	

{4:	Text block
{202:0001}	
{203:0004}	
{172:08020816}	The two-week period is from the second of August to the sixteenth of August.
{340:AA080408100811}	
{340:AD080408100811}	
{340:AN080408100811}	
{340:AR0804080508100811}	
{340:AT080408100811}	
{340:AU080408100811}	
{340:AW080408100811}	
{340:BE080408100811}	
{340:BH0802080308040809081O}	
{340:BM080208030804080508100811}	
{340:BR080408100811}	
{340:BS080408100811}	
{340:BX080408100811}	
{340:CA080408100811}	
{340:CE0804080508100811}	
{340:CH080408100811}	
{340:CL080408100811}	
{340:CN080408100811}	
{340:CO0804080508100811O812}	
{340:CS080408100811}	
{340:CY080408100811}	
{340:DB080408100811}	
{340:DE080408100811}	In country **DE**, the non-banking days are the fourth, tenth, and eleventh of August.
{340:DK080408100811}	

{340:DP080408100811}	
{340:EC080408100811}	
{340:ES080408100811}}	
{5:	
{CHK:E641D597A757}	
{SYS:1420010605VNDZBET2AXXX0016000011}}	

Acknowledgement

{1:A21VNDZBET2AXXX0016000025}	Basic header
{4:	Text block
{177:0106051522}	
{451:0}}	

MT 064 Undelivered Report Rules Change Report

This message shows the user's future options for the undelivered message report. It is the response to an MT 044 Undelivered Report Rules Redefinition.

From: FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	302	holiday-suppression	Holiday suppression option, where: • Y = yes. Suppression during holiday • N = no. No suppression during holiday
1	341	generation-time-options	Generation option, where: • <hour> = fixed hour every day, in the range 00-23 • CF = cut-off time for every country • RQ = on request only
0-1	301	reporting-options	Reporting options, where: • RT = all undelivered at report time • nn = undelivered for more than nn hours (range: 00<nn<=24) • VD = value-date-sensitive message undelivered after the receiver's cut-off time on the value date

Example Message

{1:F01VNDZBET2AXXX0015001491}	Basic header
{2:O0641347010605ABLRXXXXGXXX00000003420106051447S}	
{4:	Text bock
{302:N}	There is no suppression during holidays.
{341:08}	The report is generated at 0800.
{301:RT}}	The report refers to all messages undelivered at report time.
{5:	
{CHK:B363C3B73833}	
{SYS:1441010605VNDZBET2AXXX0015000903}}	

MT 065 Time Change Report for Daily Check Report

This message shows the new time at which the daily check report for the FIN or General Purpose Application will be generated. It is the response to an MT 045 Daily Check Time Change Request.

From: General Purpose Application or FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	174	hour	Hour, local to the sender, when the daily check report is generated. Hour is in the range 00-23.

Example Message

{1:F01VNDZBET2AXXX0015001487}	Basic header
{2:O0651342010605ABLRXXXXGXXX00000003390106051443S}	
{4:	Text block
{174:23}}	The report is generated at 2300.
{5:	
{CHK:A9EF7F47751F}	

{SYS:1442010605VNDZBET2AXXX0015000904}}	

Acknowledgement

{1:F21VNDZBET2AXXX0015001487}	Basic header
{4:	Text block
{177:0106051541}	
{451:0}}	

MT 066 Solicited Undelivered Message Report

This report lists undelivered messages according to the rules defined in an MT 046 Undelivered Message Report Request.

From: FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	202	section-number	Sequential section number, beginning with 0001, identifying the position of an individual message in a multiple-section message
1	203	total-sections	Total number of sections in a multi-section message
1	171	date	Date, in GMT, of report generation
1	175	time	Time, in GMT, of report generation
1	301	reporting-options	Reporting options, where: • RT = all undelivered at report time • nn = undelivered for more than nn hours (range: 00<nn<=24) • VD = value-date-sensitive message undelivered after the receiver's cut-off time on the value date
At least one of groups Group_1 or Group_2 is present. Both may be present.			
Group_1 Optional: This group may be repeated up to 95 times.			
Group_1.1 Mandatory in Group_1.			
1	335	report-line	For each message, the report line gives: • The time, local to the sender, when the message entered the system • The message input reference of the message being reported • The message type (of the message being reported) • The intended receiver's address • The time, local to the receiver, when the last delivery attempt was made

Reps	Tag	Field	Content/Comments
0-1	108	mur	Message user reference as used in the user header of the original message, or in the text block (when not present in the user header).
Group_1.2 Optional in Group_1. This group is present if the message in Group_1.1 is a FINCopy message.			
1	431	msg-status	Message status. See section 2.5 of FIN Error Codes for the full set of status codes.
1	103	service-code	FINCopy service code
Group_2: In a multi-section report, Group_2 is mandatory in the last section of the report, it is not present in the other sections. Group_2 indicates the end of a multi-section report, it is always present in a single-section report, where it may contain the code 001 Empty Report.			
1	461	report-code	Report error code. See section 2.8 of FIN Error Codes for the full set of error codes.

Notes

If the logical terminal for which the report is requested is invalid, an MT 015 Delayed NAK on page 33 is returned in response.

Fields 431:`<msg-status>` and 103: `<service-code>` in group 1_2 are only present for messages processed by a FINCopy service.

When requested by a live logical terminal, field 461:`<report-code>` contains the value 004 when the system did not generate the undelivered message report because more than 94,905 messages (999 sections of 95 messages) were pending delivery.

When requested by a Test and Training logical terminal, field 461:`<report-code>` contains the value 004 when the system did not generate the undelivered message report because more than 9,500 messages (100 sections of 95 messages) were pending delivery.

If there are no undelivered messages to report, one MT 066 is returned to the requesting logical terminal with field 461:001 `Empty report`.

The last section of a multi-section undelivered message report contains field 461 with the value 002 `End of undelivered report`.

Example Message

`{1:F01VNDZBET2AXXX0015001488}`	Basic header
`{2:O0661343010605DYLRXXXXAXXX00000124790106051443S}`	
`{4:`	Text block
`{202:0001}`	
`{203:0001}`	
`{171:010605}`	
`{175:1342}`	

{301:RT}	The report refers to all messages undelivered at report time.
{461:001}}	The report is empty.
{5:	
{CHK:5FA7E517C515}	
{SYS:1442010605VNDZBET2AXXX0015000905}}	

Acknowledgement

{1:F21VNDZBET2AXXX0015001488}	Basic header
{4:	Text block
{177:0106051541}	
{451:0}}	

MT 067 Delivery Instructions Redefinition Report

This message returns delivery subset criteria for the destination, as defined in the request for the FIN application. It is the response to an MT 047 Delivery Instructions Redefinition Request.

From: General Purpose Application **To:** User

Format

Reps	Tag	Field	Content/Comments
1	206	value-date-ordering	Value date ordering, where: • Y = on • N = off
0-1	348	subset-sharing	Indicates the way in which selected FIN delivery subsets can be shared among multiple logical terminals of a destination, where: • N = subset sharing is not allowed • O = sharing allowed using overflow mechanism • L = sharing allowed using load-balancing mechanism If this field is not present, then subset sharing is not allowed.
Followed by the delivery details, which can be repeated up to 30 times:			
1	339	delivery-subset-name	Name assigned by the user to a delivery subset
Field 349 can be used once for each occurrence of field 339			

Reps	Tag	Field	Content/Comments
0-1	349	combined-criteria	Indicates the way in which fields are combined to form delivery subset selection logic, where: • 0 = not combined • 1 = branch identifier combined with other fields
Field 344 can be repeated up to a maximum of three times for each occurrence of field 339			
1	344	priority-category	Priority and, optionally, message categories, where: • S = system • U = urgent • N = normal
Field 345 can be used once for each occurrence of field 344			
0-1	345	msg-type-service-code-list	List of up to 10 message types and/or service codes in any combination
Field 346 can be used once for each occurrence of field 344			
0-1	346	Branch identifiers	Optional Max 10 branch identifiers
Field 347 can be used once for each occurrence of field 344			
0-1	347	Field13C	Optional Content of the field: 13C

Notes

The maximum number of delivery subsets is 30.

Fields 344 and, optionally, 345 can be repeated three times in each sub-block.

Field 348:`<subset-sharing>` is only present if a previous MT 047 Delivery Instructions Redefinition Request on page 77, with `<subset-sharing>` set to N, O, or L, was sent. Otherwise, field 348:`<subset-sharing>` is not present.

For examples on delivery subsets, see MT 047 Delivery Instructions Redefinition Request on page 77.

MT 068 Undelivered Report Rules

This message shows the user's current options for the undelivered message report. It is the response to an MT 048 Undelivered Report Rules Request.

From: FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	302	holiday-suppression	Holiday suppression option, where: • Y = yes. Suppression during holiday • N = no. No suppression during holiday
1	341	generation-time-options	Generation option, where: • <hour> = fixed hour every day, in the range 00-23 • CF = cut-off time for every country • RQ = on request only
0-1	301	reporting-options	Reporting options, where: • RT = all undelivered at report time • nn = undelivered for more than nn hours (range: 00<nn<=24) • VD = value-date-sensitive message undelivered after the receiver's cut-off time on the value date

Example Message

{1:F01VNDZBET2AXXX0015001489}	Basic header
{2:O0681343010605DYDYXXXXGXXX0000000340010 6051443S}	
{4:	Text block
{302:N}	There is no suppression during holidays.
{341:08}	The report is generated at 0800.
{301:RT}}	The report refers to all messages undelivered at report time.
{5:	
{CHK:B363C3B73833}	
{SYS:1443010605VNDZBET2AXXX0015000906}}	

MT 069 Daily Check Report Time Status

This message shows the time at which the daily check report for the General Purpose Application or FIN application is generated for the requesting destination. It is the response to an MT 049 Daily Check Report Time Query.

From: General Purpose Application or FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	174	hour	Hour, local to the receiver, when the daily check report is generated. Hour is in the range 00-23.

Example Message

{1:F01VNDZBET2AXXX0015001490}	Basic header
{2:O0691344010605DYDYXXXXGXXX00000003410106051444S}	
{4:	Text block
{174:23}}	
{5:	
{CHK:A9EF7F47751F}	
{SYS:1443010605VNDZBET2AXXX0015000907}}	

Acknowledgement

{1:F21VNDZBET2AXXX0015001490}	Basic header
{4:	Text block
{177:0106051542}	
{451:0}}	

MT 070 Undelivered SSI Update Notification Report Request

This message is used to monitor the delivery status of the MT 671 Standing Settlement Instruction (SSI) Update Notification. The response to this message is an MT 071 Undelivered SSI Update Notification Report, which reports undelivered MTs 671.

From: User **To:** FIN

Format

Reps	Tag	Field	Content/Comments
1	251	mir	Message input reference of the MT 670 SSI Update Notification Request for which the status of the corresponding MT 671 SSI Update Notification is requested. It consists of: • Date of input of the MT 670 request message • Sending logical terminal and branch identifier `XXX` (irrespective of the branch identifier used in the original message) • Session number • Input sequence number
1	209	required-info	Type of information to be reported, where: • 1 = count and individual message status • 2 = count only

Notes

A destination may only request the status of an MT 670 that it has sent.

When field 209:`<required-info>` is 1, the MT 071 Undelivered SSI Update Notification Report on page 109 provides the message status for each undelivered MT 671, as well as the total count of undelivered messages. Otherwise, only the count is provided.

MT 071 Undelivered SSI Update Notification Report

This message is the response to an MT 070 Undelivered SSI Update Notification Report Request. It contains information about undelivered MTs 671 SSI Update Notification as requested in the MT 070 request message.

From: FIN **To:** User

Format

The format of this message can be broken down logically into three groups of fields as follows:

- Report details
- Information on undelivered MTs 671 (repeatable)
- Count of undelivered MTs 671

Reps	Tag	Field	Content/Comments
Report Details:			
1	202	section-number	Sequential section number, beginning with 0001, to identify the position of an individual message in a multiple-section message.
1	203	total-sections	Total number of sections in a multi-section message.
1	171	date	Date, in GMT, of report generation
1	175	time	Time, in GMT, of report generation

Reps	Tag	Field	Content/Comments
1	251	mir	Message input reference of the MT 670 SSI Update Notification Request that corresponds to this report.
1	209	required-info	Type of information requested, where: • 1 = count and individual message status • 2 = count only
Information on undelivered MTs 671 (optional repeatable group):			
1	102	swift-address	Swift address of MT 671 recipient
1	431	msg-status	Message status (for example, whether rejected, aborted, no delivery attempt, and so on). See FIN Error Codes for the full set of status codes.
0-n	281	delivery-history	Message delivery history, that reports on each delivery attempt. For each attempt, it contains: • Output time of MT 671 • Message output reference • Accepted or rejected (Y or N) • An error code if rejected by the receiver Time in message output reference is local to the receiver.
Count of undelivered MTs 671:			
0-1	313	msg-count	Count of messages
OR			
0-1	461	report-code	Report error code. See section 2.8 of FIN Error Codes for the full set of error codes.

When there are no undelivered MTs 671 or when the MT 070 request cannot be satisfied, the format of the MT 071 report is as follows:

Reps	Tag	Field	Content/Comments
Report Details:			
1	202	section-number	Sequential section number, beginning with 0001, to identify the position of an individual message in a multiple-section message.
1	203	total-sections	Total number of sections in a multi-section message.
1	171	date	Date, in GMT, of report generation
1	175	time	Time, in GMT, of report generation
1	251	mir	Message input reference of the MT 670 SSI Update Notification Request that corresponds to this report. See MT 070 Undelivered SSI Update Notification Report Request on page 108for details.

Reps	Tag	Field	Content/Comments
1	209	required-info	Type of information requested, where: • 1 = count and individual message status • 2 = count only
Report Status:			
0-1	461	report-code	Report error code. See section 2.8 of FIN Error Codes for the full set of error codes.

Notes

Each section contains the status of zero, one or more undelivered MTs 671.

If field 209:<required-info> is 1, then the status of each undelivered MT 671 is reported as follows:

- The repeatable field group (102, 431, and optional 281) is repeated for each undelivered MT 671. This group is not present when there are no undelivered MTs 671 or when the MT 070 request cannot be satisfied, as indicated by field 461:<report-code>.
- Field 281:<delivery-history> is repeated for each output attempt.

Field 313:<msg-count> contains the total count of undelivered MTs 671. This field may only appear in the last section of the MT 071 report (that is, where <section-number> is equal to <total-sections>). This field is not present when there are no undelivered MTs 671 or when the MT 070 request cannot be satisfied, as indicated by field 461:<report-code>.

Field 461:<report-code> is present only if there is an error to report.

The system trailer of the MT 071 will contain the MIR of the corresponding MT 070.

Example Message

{1:F01INSTCC2AAXXX0246000987}	Basic header
{2:O0711200030901DYLPXXXXAXXX0000139990030 9011201S}	
{4:	Text block
{202:0001}	
{203:0001}	
{171:110106}	
{175:1109}	
{251:110106CRESUS33AXXX0019000377}	
{209:1}	Request to count and provide individual message status
{461:004}	Too many undelivered messages
{5:{CHK:987654321DEF}	

{SYS:{110105INSTCC2AAXXX0242000962}}	

MT 072 Test Mode Selection

This message is sent by a Test and Training user to specify the mode of the next FIN application test session. The logical terminal can work in either the default full function mode or in local test mode. Current or, when available, future message type formats can be selected.

From: User **To:** General Purpose Application

Format

Reps	Tag	Field	Content/Comments
1	127	test-mode-selection	Test mode selection must be one of the following: • FC = full function mode, current • FF = full function mode, future • LC = local test mode, current • LF = local test mode, future

Notes

Modes and formats can be changed only when FIN is not selected. The change becomes effective immediately and remains in effect until either a further test mode selection is made, or the General Purpose Application session is terminated.

For further details, see the chapter describing Test and Training facilities in the FIN Service Description or the FIN Operations Guide.

Example
Message

{1:A01VNDZBET0AXXX0004000009}	Basic header
{2:I072SWFTXXXXXXXX}	
{4:	Text block
{127:LF}	
}	
{5:	
{CHK:FC771D8F272B}	
{TNG:}}	

Acknowledgement

{1:A21VNDZBET0AXXX0004000009}	Basic header

{4:{177:9701191421}	Text block
{451:0}}	

MT 073 Message Sample Request

This message is sent by a Test and Training user to request the system to send a sample of messages from the tank file following a pre-defined pattern. Message examples in the tank file are technically correct and are not intended to reflect accurate business examples.

From: User **To:** FIN

Format

Use ONE of the following field groups:

Reps	Tag	Field	Content/Comments
Field Group1:			
1-200	120	msg-identifier	Identifies a specific message in a tank file as specified in the first field 20 or 20C::SEME of the message. No duplicates are allowed. Can be repeated up to 200 times.
Field Group 2:			
1	123	msg-list	Whole tank file. It should contain the value ALL, indicating that the entire set of user-to-user tank file messages is selected. Note that system message examples contained in the tank file will not be selected when option ALL is used. These messages must be specifically requested using field 124. The tank file currently contains examples of the following system messages: • MT 021 Retrieved Message (Text and History) • MT 066 Solicited Undelivered Message Report • MT 071 Undelivered SSI Update Notification Report • MT 082 Undelivered Message Report at a Fixed Hour • MT 083 Undelivered Message Report at Cut-off Time • MT 094 Broadcast message • MT 096 FINCopy to Server Destination Message Single authentication will be applied to MTs 096 generated from the tank file. They will therefore not contain the PKI signature of the original message.
AND			
1	126	random-number-seed	Identifies a set of test messages. It contains a seed defined by the user, which allows them to receive the same set of messages in a subsequent session if the same seed is used.
AND			

Reps	Tag	Field	Content/Comments
1	122	number-of-messages	Number of messages requested to be sent by the system to the Test and Training logical terminal in local test mode. A maximum of 999 messages may be requested.
Field Group 3:			
1-200	124	msg-type	A valid FIN user-to-user message type or one of the following message types: MT 021, MT 066, MT 071, MT 082, MT 083, MT 094, or MT 096. These are the only system messages in the tank file and can only be requested by explicit use of field 124. Field 124 can be repeated up to a value equal to the number of different user-to-user or system messages. No duplicates are allowed.
AND			
1	126	random-number-seed	Identifies a set of test messages. It contains a seed defined by the user, which allows them to receive the same set of messages in a subsequent session if the same seed is used.
AND			
1	122	number-of-messages	Number of messages requested to be sent by the system to the Test and Training logical terminal in local test mode. A maximum of 999 messages may be requested.
Field Group 4:			
1-9	125	msg-category	A valid FIN user-to-user message category. It can be repeated up to 9 times. No duplicates are allowed.
AND			
1	126	random-number-seed	Identifies a set of test messages. It contains a seed defined by the user, which allows them to receive the same set of messages in a subsequent session if the same seed is used.
AND			
1	122	number-of-messages	Number of messages requested to be sent by the system to the Test and Training logical terminal in local test mode. A maximum of 999 messages may be requested.

Notes

The tankfile has a fixed number of samples for each message type.

- If there are n sample messages in the tankfile for a msg-type (tag 124) or a msg-category (tag 125) and if corresponding tag 122 has more than n request count, then we will return n messages only.
- If the request is for multiple `<msg-type>` (tag 124) or `<msg-category>` (tag 125) and the corresponding tag 122 has m count, then the sending will start with the first msg-type/msg-category and go to next, till count m is reached.

For example: request is for MT 103 and MT 202 and count is 50. There are 30 MTs 103 and 30 MTs 202 in the tankfile. In this case, 30 MTs 103 and 20 MTs 202 will be sent out.

One of the fields 120, 123, 124, or 125 must appear. Fields 126 and 122 must be present with field 123, 124, or 125.

Example
Message

{1:F01VNDZBET0AXXX0013000032}	Basic header
{2:I073SWFTXXXXXXXXS}	
{4:	Text block
{120:00517}	
{120:00524}	
}	
{5:	
{CHK:98A0E4BCC8E7}	
{TNG:}}	

Acknowledgement

{1:F21VNDZBET0AXXX0013000032}	Basic header
{4:	Text block
{177:0106041354}	
{451:0}}	

MT 074 Broadcast Request

This message requests the system to generate a FIN MT 094 Broadcast message for a list of users.

Requests for FIN broadcasts must **always** be addressed to SWHQBEBBXBCT. Requests will normally be handled during normal Belgian working hours (0900-1730 hours, Monday to Friday).

To request priority treatment of a broadcast request, field 128 must contain priority U. Broadcast requests with priority U will be handled inside or outside Belgian working hours and will be invoiced accordingly. Please notify your Customer Support Centre when sending an urgent broadcast request outside of Belgian working hours.

For FIN messages, the ninth character of the address must be X.

For detailed information about the cost of Broadcast messages, see the *Price List for Swift Messaging and Solutions*.

Application: FIN

From: User **To:** Swift HQ

Format

Reps	Tag	Field	Content/Comments
1	128	Priority/billable BIC	Priority must be U or N. The <billableBIC> must be a registered 8-character connected BIC. Branch identifier is not allowed.
0-10	304	Region	List of up to ten country codes and region code. If the region code is defined as X, then all regions of the country are identified, for example, GBX or: ALL = all regions. If this tag is present in the message, then tag 307 must not be present. If tag 307 is absent, then this tag is mandatory.
0-1	307	Group	One of the following codes must be used: • AFRI = Africa • APAC = Asia Pacific • CEEE = Central and Eastern Europe • CLAM = Central and Latin America • EUZN = Euro zone • EEAR = European Economic Area • MIDE = Middle East • NAMR = North America If this tag is present in the message, then tag 304 must not be present. If tag 304 is absent, then this tag is mandatory. See List of countries by group on page 117 to have a list of all countries belonging to a specific group.
0-1	129	Section number	Section # of # for multi-section requests.
1	130	Code word(s)	If two code words are used, then codes from User Initiated Broadcast on page 125 must be used; if a single code word is required then User Initiated Broadcast on page 127 must be used.
0-n	132	Original broadcast number	When a broadcast request is to amend a previous broadcast, this field contains original broadcast number of broadcast sent to all users.
0-n	133	Original broadcast number	When a broadcast request is to amend a previous broadcast, this field contains original broadcast number of broadcast sent to selected countries.
1	134	Broadcast requester	BIC, name, and city of broadcast requester

Reps	Tag	Field	Content/Comments
1	312	Broadcast-text	n times 65 characters where n is small enough to ensure that the total length of the message does not exceed the maximum length for the message, which is 2000 characters (see section Service Messages and System Messages on page 6for details about message length). **Note** *To facilitate text layout in the broadcast, field 312 may contain lines consisting only of spaces, or empty lines (that is, the combination CrLfCrLf is allowed). However, the first character of the first line must not be CrLf (first line must not be empty), and the last character of the last line must not be CrLf (that is, the end of field 312: must not be CrLf). As the MT 074 is a system message, all alphabetic characters must be upper case.*

Notes

For full details about how to format an MT 074, see the FIN Operations Guide.

The MT 074 must not be used for the distribution of details about cash SSIs. The MT 670 is designed for this purpose and is the only message type that will be accepted for the distribution of updates to cash SSIs.

If the broadcast text is to be sent to all users connected to the network, specify the value ALL in field 304.

In FIN, the message must be addressed to a Swift destination and not to a specific logical terminal. Therefore the logical terminal extension in the destination field of the application header must be X.

The broadcast is sent to all logical terminals of the qualifying destinations. Component content errors, for example, invalid broadcast selection criteria, invalid broadcast heading codes, or invalid country code will be rejected with error code V13.

The following options are allowed in a broadcast request:

- a value of ALL in field 304, to send the broadcast to all users
- a specification of up to 10 countries, by means of country code, plus a region code of X in field 304, for example, NLX, USX
- a code that identifies a group of countries

If sent by a Test and Training user in FIN, the message is validated (ACK or NAK) but not processed.

The following table defines which countries belong to which group in field 307.

List of countries by group

CC	Country Name	Country Group 1	Group extension	Country Group 2	Group extension
AO	Angola	AFRI	Africa		
BF	Burkina Faso	AFRI	Africa		
BI	Burundi	AFRI	Africa		
BJ	Benin	AFRI	Africa		
BW	Botswana	AFRI	Africa		
CD	Democratic Republic of the Congo	AFRI	Africa		

CC	Country Name	Country Group 1	Group extension	Country Group 2	Group extension
CF	Central African Republic	AFRI	Africa		
CG	Congo	AFRI	Africa		
CI	Cote d'Ivoire	AFRI	Africa		
CM	Cameroon	AFRI	Africa		
CV	Cape Verde	AFRI	Africa		
DJ	Djibouti	AFRI	Africa		
DZ	Algeria	AFRI	Africa		
ER	Eritrea	AFRI	Africa		
ET	Ethiopia	AFRI	Africa		
GA	Gabon	AFRI	Africa		
GH	Ghana	AFRI	Africa		
GI	Gibraltar	AFRI	Africa		
GM	Gambia	AFRI	Africa		
GN	Guinea	AFRI	Africa		
GQ	Equatorial Guinea	AFRI	Africa		
GW	Guinea Bissau	AFRI	Africa		
KE	Kenya	AFRI	Africa		
KM	Comoros	AFRI	Africa		
LR	Liberia	AFRI	Africa		
LS	Lesotho	AFRI	Africa		
LY	Libya	AFRI	Africa		
MA	Morocco	AFRI	Africa		
MG	Madagascar	AFRI	Africa		
ML	Mali	AFRI	Africa		
MR	Mauritania	AFRI	Africa		
MU	Mauritius	AFRI	Africa		
MW	Malawi	AFRI	Africa		
MZ	Mozambique	AFRI	Africa		
NA	Namibia	AFRI	Africa		
NE	Niger	AFRI	Africa		
NG	Nigeria	AFRI	Africa		
RW	Rwanda	AFRI	Africa		
SC	Seychelles	AFRI	Africa		
SD	Sudan	AFRI	Africa		
SL	Sierra Leone	AFRI	Africa		
SN	Senegal	AFRI	Africa		

CC	Country Name	Country Group 1	Group extension	Country Group 2	Group extension
SO	Somalia, Federal Republic of	AFRI	Africa		
SS	South Sudan	AFRI	Africa		
ST	Sao Tome and Principe	AFRI	Africa		
SZ	Swaziland	AFRI	Africa		
TD	Chad	AFRI	Africa		
TG	Togo	AFRI	Africa		
TN	Tunisia	AFRI	Africa		
TZ	Tanzania	AFRI	Africa		
UG	Uganda	AFRI	Africa		
ZA	South Africa	AFRI	Africa		
ZM	Zambia	AFRI	Africa		
ZW	Zimbabwe	AFRI	Africa		
AS	American Samoa	APAC	Asia Pacific		
AU	Australia	APAC	Asia Pacific		
BD	Bangladesh	APAC	Asia Pacific		
BN	Brunei Darussalam	APAC	Asia Pacific		
BT	Bhutan	APAC	Asia Pacific		
CK	Cook Islands	APAC	Asia Pacific		
CN	China	APAC	Asia Pacific		
FJ	Fiji	APAC	Asia Pacific		
GU	Guam	APAC	Asia Pacific		
HK	Hong Kong	APAC	Asia Pacific		
ID	Indonesia	APAC	Asia Pacific		
IN	India	APAC	Asia Pacific		
JP	Japan	APAC	Asia Pacific		
KH	Cambodia	APAC	Asia Pacific		
KI	Kiribati	APAC	Asia Pacific		
KP	Korea, Democratic People's Rep. Of	APAC	Asia Pacific		
KR	Korea, Republic of	APAC	Asia Pacific		
LA	Lao People's Democratic Republic	APAC	Asia Pacific		
LK	Sri Lanka	APAC	Asia Pacific		
MM	Myanmar	APAC	Asia Pacific		
MO	Macao	APAC	Asia Pacific		
MV	Maldives	APAC	Asia Pacific		

CC	Country Name	Country Group 1	Group extension	Country Group 2	Group extension
MY	Malaysia	APAC	Asia Pacific		
NC	New Caledonia	APAC	Asia Pacific		
NP	Nepal	APAC	Asia Pacific		
NZ	New Zealand	APAC	Asia Pacific		
PF	French Polynesia	APAC	Asia Pacific		
PG	Papua New Guinea, Independent State of	APAC	Asia Pacific		
PH	Philippines	APAC	Asia Pacific		
SB	Solomon Islands	APAC	Asia Pacific		
SG	Singapore	APAC	Asia Pacific		
TH	Thailand	APAC	Asia Pacific		
TL	Timor-Leste	APAC	Asia Pacific		
TO	Tonga	APAC	Asia Pacific		
TV	Tuvalu	APAC	Asia Pacific		
TW	Taiwan	APAC	Asia Pacific		
VN	Vietnam	APAC	Asia Pacific		
VU	Vanuatu	APAC	Asia Pacific		
WS	Samoa	APAC	Asia Pacific		
AL	Albania	CEEE	Central and Eastern Europe		
AM	Armenia	CEEE	Central and Eastern Europe		
AZ	Azerbaijan	CEEE	Central and Eastern Europe		
BA	Bosnia-Herzegovina	CEEE	Central and Eastern Europe		
BY	Belarus	CEEE	Central and Eastern Europe		
GE	Georgia	CEEE	Central and Eastern Europe		
HR	Croatia	CEEE	Central and Eastern Europe		
KG	Kyrgyzstan	CEEE	Central and Eastern Europe		
KZ	Kazakhstan	CEEE	Central and Eastern Europe		
MD	Moldova	CEEE	Central and Eastern Europe		
MK	Macedonia	CEEE	Central and Eastern Europe		

CC	Country Name	Country Group 1	Group extension	Country Group 2	Group extension
MN	Mongolia	CEEE	Central and Eastern Europe		
RS	Serbia	CEEE	Central and Eastern Europe		
RU	Russian Federation	CEEE	Central and Eastern Europe		
TJ	Tajikistan	CEEE	Central and Eastern Europe		
TM	Turkmenistan	CEEE	Central and Eastern Europe		
UA	Ukraine	CEEE	Central and Eastern Europe		
UZ	Uzbekistan	CEEE	Central and Eastern Europe		
XK	Kosovo	CEEE	Central and Eastern Europe		
AR	Argentina	CLAM	Central and Latin America		
AW	Aruba	CLAM	Central and Latin America		
BR	Brazil	CLAM	Central and Latin America		
BZ	Belize	CLAM	Central and Latin America		
CL	Chile	CLAM	Central and Latin America		
CO	Colombia	CLAM	Central and Latin America		
CR	Costa Rica	CLAM	Central and Latin America		
CU	Cuba	CLAM	Central and Latin America		
DO	Dominican Republic	CLAM	Central and Latin America		
EC	Ecuador	CLAM	Central and Latin America		
FK	Falkland Islands	CLAM	Central and Latin America		
GT	Guatemala	CLAM	Central and Latin America		
GY	Guyana	CLAM	Central and Latin America		
HN	Honduras	CLAM	Central and Latin America		

CC	Country Name	Country Group 1	Group extension	Country Group 2	Group extension
MX	Mexico	CLAM	Central and Latin America		
NI	Nicaragua	CLAM	Central and Latin America		
PA	Panama	CLAM	Central and Latin America		
PE	Peru	CLAM	Central and Latin America		
PY	Paraguay	CLAM	Central and Latin America		
SR	Surinam	CLAM	Central and Latin America		
SV	El Salvador	CLAM	Central and Latin America		
UY	Uruguay	CLAM	Central and Latin America		
VE	Venezuela	CLAM	Central and Latin America		
AD	Andorra	EUZN	Euro zone		
AT	Austria	EUZN	Euro zone	EEAR	European Economic Area
BE	Belgium	EUZN	Euro zone	EEAR	European Economic Area
BG	Bulgaria			EEAR	European Economic Area
CH	Switzerland			EEAR	European Economic Area
CY	Cyprus	EUZN	Euro zone	EEAR	European Economic Area
CZ	Czech Republic			EEAR	European Economic Area
DE	Germany	EUZN	Euro zone	EEAR	European Economic Area
DK	Denmark			EEAR	European Economic Area
EE	Estonia	EUZN	Euro zone	EEAR	European Economic Area
ES	Spain	EUZN	Euro zone	EEAR	European Economic Area
FI	Finland	EUZN	Euro zone	EEAR	European Economic Area
FO	Faroe Islands			EEAR	European Economic Area
FR	France	EUZN	Euro zone	EEAR	European Economic Area

CC	Country Name	Country Group 1	Group extension	Country Group 2	Group extension
GB	United Kingdom			EEAR	European Economic Area
GF	French Guiana	EUZN	Euro zone		
GG	Guernsey, C.I.			EEAR	European Economic Area
GL	Greenland			EEAR	European Economic Area
GP	Guadeloupe	EUZN	Euro zone		
GR	Greece	EUZN	Euro zone	EEAR	European Economic Area
HR	Croatia			EEAR	European Economic Area
HU	Hungary			EEAR	European Economic Area
IE	Ireland	EUZN	Euro zone	EEAR	European Economic Area
IM	Isle of Man			EEAR	European Economic Area
IS	Iceland			EEAR	European Economic Area
IT	Italy	EUZN	Euro zone	EEAR	European Economic Area
JE	Jersey, C.I.			EEAR	European Economic Area
LI	Liechtenstein			EEAR	European Economic Area
LT	Lithuania	EUZN	Euro zone	EEAR	European Economic Area
LU	Luxembourg	EUZN	Euro zone	EEAR	European Economic Area
LV	Latvia	EUZN	Euro zone	EEAR	European Economic Area
MC	Monaco	EUZN	Euro zone	EEAR	European Economic Area
ME	Montenegro	EUZN	Euro zone		
MF	Saint-Martin	EUZN	Euro zone		
MQ	Martinique	EUZN	Euro zone		
MT	Malta	EUZN	Euro zone	EEAR	European Economic Area
NL	Netherlands	EUZN	Euro zone	EEAR	European Economic Area
NO	Norway			EEAR	European Economic Area

CC	Country Name	Country Group 1	Group extension	Country Group 2	Group extension
PL	Poland			EEAR	European Economic Area
PM	Saint Pierre and Miquelon	EUZN	Euro zone		
PT	Portugal	EUZN	Euro zone	EEAR	European Economic Area
RE	Reunion	EUZN	Euro zone		
RO	Romania			EEAR	European Economic Area
SE	Sweden			EEAR	European Economic Area
SI	Slovenia	EUZN	Euro zone	EEAR	European Economic Area
SK	Slovakia	EUZN	Euro zone	EEAR	European Economic Area
SM	San Marino	EUZN	Euro zone		
VA	Vatican City State	EUZN	Euro zone		
YT	Mayotte	EUZN	Euro zone		
AE	United Arab Emirates	MIDE	Middle East		
AF	Afghanistan	MIDE	Middle East		
BH	Bahrain	MIDE	Middle East		
EG	Egypt	MIDE	Middle East		
IL	Israel	MIDE	Middle East		
IQ	Iraq	MIDE	Middle East		
IR	Iran	MIDE	Middle East		
JO	Jordan	MIDE	Middle East		
KW	Kuwait	MIDE	Middle East		
LB	Lebanon	MIDE	Middle East		
OM	Oman	MIDE	Middle East		
PK	Pakistan	MIDE	Middle East		
PS	Palestina	MIDE	Middle East		
QA	Qatar	MIDE	Middle East		
SA	Saudi Arabia	MIDE	Middle East		
SY	Syrian Arab Republic	MIDE	Middle East		
TR	Turkey	MIDE	Middle East		
YE	Yemen	MIDE	Middle East		
AG	Antigua and Barbuda	NAMR	North America		
AI	Anguilla (GB)	NAMR	North America		

CC	Country Name	Country Group 1	Group extension	Country Group 2	Group extension
BB	Barbados	NAMR	North America		
BM	Bermuda	NAMR	North America		
BO	Bolivia	NAMR	North America		
BQ	Bonaire, Saint Eustatius and Saba	NAMR	North America		
BS	Bahamas	NAMR	North America		
CA	Canada	NAMR	North America		
CW	Curacao	NAMR	North America		
DM	Dominica	NAMR	North America		
GD	Grenada	NAMR	North America		
HT	Haiti	NAMR	North America		
JM	Jamaica	NAMR	North America		
KN	Saint Kitts and Nevis	NAMR	North America		
KY	Cayman Islands	NAMR	North America		
LC	Saint Lucia	NAMR	North America		
MS	Montserrat	NAMR	North America		
PR	Puerto Rico	NAMR	North America		
SX	Sint Maarten	NAMR	North America		
TC	Turks and Caicos	NAMR	North America		
TT	Trinidad and Tobago	NAMR	North America		
US	United States	NAMR	North America		
VC	Saint Vincent and the Grenadines	NAMR	North America		
VG	Virgin Islands, British	NAMR	North America		
VI	Virgin Islands, U.S.	NAMR	North America		

User Initiated Broadcast

/01/BANK	/01/OPERATIONAL
	/02/CLOSURE
	/03/BRANCH CLOSURE
	/04/MERGER
	/05/OWNERSHIP CHANGE
	/06/CHANGE OF OFFICERS

	/07/CHANGE IN AUTHORISED SIGNATURES
	/08/TELEPHONE/FAX NUMBER CHANGE
	/09/ADDRESS CHANGE
	/10/STANDING ORDERS
	/11/CHANGE OF NAME
	/12/HOLIDAY
/02/LOCAL NOTIFICATIONS	/01/DOMESTIC CLEARING SYSTEM CHANGES
	/02/HOLIDAY NOTIFICATION
/04/TELEX	/01/CHANGE
	/02/GARBLED
	/03/FAILURE
	/04/END OF USE
/05/CONNECTED BIC **Note** *A user cannot send a broadcast that relates to a new or changed BIC before Swift has published the relevant BIC in the BIC Plus directory.*	/01/CHANGE
	/02/ADDITION
	/03/DEACTIVATION
/06/WARNING LOST OR STOLEN	/01/INSTRUMENTS (GENERAL WARNING)
	/02/DRAFTS
	/03/CHEQUES
	/04/TRAVELLERS CHEQUES
	/05/BANK CARDS
/07/FRAUD NOTIFICATION	/01/GENERAL
	/02/DRAFTS
	/03/CHEQUES
	/04/TRAVELLERS CHEQUES
	/05/MONEY LAUNDERING
/08/CURRENCY	/01/REVALUATION
	/02/DEVALUATION
	/03/DECIMAL VALUE CHANGE

/09/BROADCAST AMENDMENT	/01/BROADCAST SEQUENCE NUMBER OF ORIGINAL BROADCAST
/10/BUSINESS CONTINUITY PLANNING	/01/NATURAL CATASTROPHE
	/02/OTHER

Code words from the first column of this table must be qualified by the use of a code word from the second column.

User Initiated Broadcast

/20/REVOKED CERTIFICATES
/21/TIME ZONE CHANGE
/22/DUPLICATION WITHOUT PDE
/23/STRIKE NOTIFICATION
/24/EXCEPTIONAL SITUATION
/25/SECURITIES SSI
/99/OTHER

Example Message

{1:F01VNDZBET2AXXX0015000910}	Basic header
{2:I074SWHQBEBBXBCTS}	
{4:	Text block
{128:N/VNDZBET2}	Normal priority
{304:ALL}	Send this broadcast to all users
{130:/01/BANK /01/OPERATIONAL}{134:GOLDUS33 GOLDMAN, SACHS AND CO. NEW YORK NEW YORK} {312:PLEASE BE ADVISED THAT EFFECTIVE 4 MAR 06 OUR EURO AGENT FOR FREE CASH RECEIPTS, WILL BE CITIBANK NA CITIUS33}}	
{5:	
{CHK:C5756C912705}}	

Acknowledgement

{1:F21VNDZBET2AXXX0015000910}	Basic header
{4:	Text block
{177:0106051447}	
{451:0}}	

MT 077 Additional Selection Criteria for FIN

Important Selecting Y in field 116 can cause messages to remain undelivered, and should be regarded only as an emergency procedure.

This message is sent by a user to specify additional selection criteria for the next FIN application session.

From: User **To:** General Purpose Application

Format

Reps	Tag	Field	Content/Comments
0-1	116	value-date-today	Restricts delivery of messages, where: • Y = yes. Only deliver messages with a value date of today or earlier • N = no. Do not restrict delivery based on value date
0-1	118	lt-subsets-shared-flag	Whether a logical terminal allows sharing of its selected FIN delivery subsets with other logical terminals at the same destination, where: • Y = yes. Destination operating in shared mode using overflow mechanism

Notes

Selection criteria can be changed only when FIN is not selected.

The default Select status (<value-date-today = N>) can only be changed by this message, and is reset to N at session termination.

Use of MT 077 with field 118:<lt-subsets-shared-flag> set to Y is for emergency purposes. In most situations, MT 047 Delivery Instructions Redefinition Request on page 77, field 348:<subset-sharing>, should be used instead of MT 077 field 118. However, if MT 077 with field 118 set to Y is used, then the MT 077 will:

- Cause any other logical terminals of the destination that are selected for FIN output at the time the MT 077 is sent to be aborted
- Temporarily override load balance specified using field 348 in MT 047. So the destination will operate in shared mode using the overflow mechanism, even if MT 047 field 348 was L or not present
- Activate subset sharing for the entire destination, so once one logical terminal sends such an MT 077, then all other logical terminals of the destination may operate in shared mode without having to send their own MT 077

- Remain in effect for the entire destination until all logical terminals of the destination QUIT from FIN or abort

Example
Message

{1:A01VNDZBET2AXXX0004000009}	Basic header
{2:I077SWFTXXXXXXXX}	Application header
{4:	Text block
{116:Y}}	Only deliver messages with a value date of today or earlier
{5:	Trailer block
{CHK:FC771D85272B}	Checksum trailer

MT 081 Daily Check Report

This message lists the number of messages sent and received for all FIN or General Purpose Application sessions closed since the previous daily check report. This MT is not LT-directed.

From: General Purpose Application or FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	202	section-number	Sequential section number, beginning with 0001, identifying the position of an individual message in a multiple-section message
1	203	total-sections	Total number of sections in a multi-section message
1	305	lt-code	9th character of BIC-12

Reps	Tag	Field	Content/Comments
0-n	331	session-info	Session information, including: • Session number • Date session opened • Time session opened • date session closed • Time session closed • Reason for closure • Quantity of messages sent • Quantity of messages received • First input sequence number • Last input sequence number • First output sequence number • Last output sequence number Repeated for as many sessions as have been opened and closed for the logical terminal during the time frame requested.
1	332	lt-summary	Logical terminal summary, including: • Total messages sent • Total messages received
For FIN, the group containing fields 305, 331, and 332 can be repeated (see notes)			

Notes

In the General Purpose Application, the daily check report is generated for each logical terminal. The time at which the report is generated is the same for all of a destination's logical terminals.

In FIN, the following conditions apply:

- The daily check report is generated for a destination, covering all associated logical terminals and their FIN sessions.
- The sequence of fields 305, 331, and 332 is repeated for each logical terminal belonging to the destination.
- The daily check report is not LT-directed but is queued in the appropriate delivery subset for the destination.

For each session of the logical terminal(s) being reported on, the report includes:

- session number
- the date and time the session was opened and closed
- the reason for closure
- the number of messages sent and delivery attempts made by that logical terminal during that session
- the first and last input sequence number and output sequence number used in that session

This report lists details of sessions closed since the last report. It does not include current session information. This is contained in the next daily check report, provided the current session has been closed by then.

There is also a summary which shows, for each logical terminal, the total numbers of messages sent and received within the specified sessions.

If no messages were sent during a session, the values FIRST input sequence number (output sequence number) and LAST input sequence number (output sequence number) should be ignored, since they are equal to the LAST input sequence number (output sequence number) of the previous session.

Example
Message

{1:F01VNDZBET2BXXX0002000009}	Basic header
{2:O0812308010605DYDYXXXXGXXX00000130090106061606S}	
{4:	Text block
{202:0001}	
{203:0001}	
{305:A}	Session information applies to logical terminal code **A**.
{331:0016010605134701060514 37A610000000000020003740003740002420002 43}	Information for session number **0016**
{331:0017010605145401060515090000000020000020003750003760002440002 45}	Information for session number **0017**
{331:0018010605151101060515390010000020000010003770003780002460002 46}	Information for session number **0018**
{332:000004000005}	Four messages were sent and five messages were received.
{305:B}	Session information applies to logical terminal code **B**.
{331:0001010605150401060515390010000030000070000010000030000010000007}	Information for session number **0019**
{332:000003000007}	Three messages were sent and seven messages were received.
{305:C}	Session information applies to logical terminal code **C**.
{332:000000000000}}	No messages were sent or received.
{5:{CHK:8D0719A6F103}	
{SYS:}	
{DLM:}}	

MT 082 Undelivered Message Report at a Fixed Hour

This message is generated at a time, local to the user, specified in an MT 044 Undelivered Report Rules Redefinition, and lists all undelivered messages at generation time.

Swift has developed a process that is designed to generate UNDELV reports that reflect the situation no more than 15 minutes before the event that led to the cold start. The report is in the form of the MT 082 Undelivered Message Report at a Fixed Hour. Delivery of this special UNDELV report occurs through the normal channels, once the user's FIN logical terminal has successfully logged in and selected the FIN service.

From: FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	202	section-number	Sequential section number, beginning with 0001, identifying the position of an individual message in a multiple-section message
1	203	total-sections	Total number of sections in a multi-section message
1	171	date	Date, in GMT, of report generation
1	175	time	Time, in GMT, of report generation
0-1	177	date-time	Local date and time of the receiver, when the report was generated. This field is only present if the code in field 301, `<reporting-options>` is CS.
1	301	reporting-options	Reporting options, where: • RT = all undelivered at report time • nn = undelivered for more than nn hours (range: 00<nn<=24) • VD = value-date-sensitive message undelivered after the receiver's cut-off time on the value date • CS = this report has been sent following a FIN cold start
At least one of groups Group_1 or Group_2 is present. Both may be present.			
Group_1 Optional: This group may be repeated up to 95 times.			
Group_1.1 Mandatory in Group_1.			
1	335	report-line	For each message, the report line gives: • The time, local to the sender, when the message entered the system • The message input reference of the message being reported • The message type (of the message being reported) • The intended receiver's address • The time, local to the receiver, when the last delivery attempt was made
0-1	108	mur	Message user reference as used in the user header of the original message, or in the text block (when not present in the user header).
Group_1.2 Optional in Group_1. This group is present if the message in Group_1.1 is a FINCopy message.			
1	431	msg-status	Message status. See section 2.5 of FIN Error Codes for the full set of status codes.
1	103	service-code	FINCopy service code.

Reps	Tag	Field	Content/Comments
Group_2: In a multi-section report, Group_2 is mandatory in the last section of the report, it is not present in the other sections. Group_2 indicates the end of a multi-section report, it is always present in a single-section report, where it may contain the code 001 Empty Report.			
1	461	report-code	Report error code. See section 2.8 of FIN Error Codes for the full set of error codes.

Notes

If the logical terminal for which the report is requested is invalid, an MT 015 Delayed NAK on page 33 is returned in response.

In the context of a cold start, the `date` and `time` represent the latest capture time, that is, the time that message delivery data was replicated to the disaster recovery infrastructure (reporting option = CS). As a result, the date (field 171) and time (field 175) can be earlier than the date and time in the message header.

Fields 431:`<msg-status>` and 103: `<service-code>` in group 1_2 are only present for messages processed by a FINCopy service.

When requested by a live logical terminal, field 461:`<report-code>` contains the value 004 when the system did not generate the undelivered message report because more than 94,905 messages (999 sections of 95 messages) were pending delivery.

When requested by a Test and Training logical terminal, field 461:`<report-code>` contains the value 004 when the system did not generate the undelivered message report because more than 9,500 messages (100 sections of 95 messages) were pending delivery.

If there are no undelivered messages to report, one MT 082 is returned to the requesting logical terminal with field 461:001 `Empty report`.

The last section of a multi-section undelivered message report contains field 461 with the value 002 `End of undelivered report`.

Example Message

`{1:F01VNDZBET2AXXX0020000249}`	Basic header
`{2:O0820704010606DYLRXXXXAXXX00000219760105141149S}`	
`{4:`	Text block
`{202:0001}`	
`{203:0001}`	
`{171:010606}`	
`{175:0700}`	
`{301:RT}`	The report refers to all messages undelivered at report time.

{335:1522010605VNDZBET2AXXX0018000377999BANKBEBBXXXX}	Report indicates that: • The input time of the undelivered message was **1522** • The message input reference was **010605VNDZBET2AXXX0018000377** • The message type was **999** • The destination was **BANKBEBBXXXX**
{108:TEST5}	Message user reference is **TEST5**.
{461:002}}	Code indicates end of undelivered report.
{5:{CHK:C005B33A6614}	
{SYS:}	
{DLM:}}	

MT 083 Undelivered Message Report at Cut-off Time

This message is generated at each country cut-off time worldwide and lists messages undelivered to destinations in those countries.

From: FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	202	section-number	Sequential section number, beginning with 0001, identifying the position of an individual message in a multiple-section message
1	203	total-sections	Total number of sections in a multi-section message
1	171	date	Date, in GMT, of report generation
1	175	time	Time, in GMT, of report generation
1	301	reporting-options	Reporting options, where: • RT = all undelivered at report time • nn = undelivered for more than nn hours (range: 00<nn<=24) • VD = value-date-sensitive message undelivered after the receiver's cut-off time on the value date
At least one of groups Group_1 or Group_2 is present. Both may be present.			
Group_1 Optional: This group may be repeated up to 95 times.			
Group_1.1 Mandatory in Group_1.			

Reps	Tag	Field	Content/Comments
1	335	report-line	For each message, the report line gives: • The time, local to the sender, when the message entered the system • The message input reference of the message being reported • The message type (of the message being reported) • The intended receiver's address • The time, local to the receiver, when the last delivery attempt was made
0-1	108	mur	Message user reference as used in the user header of the original message, or in the text block (when not present in the user header).
Group_1.2 Optional in Group_1. This group is present if the message in Group_1.1 is a FINCopy message.			
1	431	msg-status	Message status. See section 2.5 of FIN Error Codes for the full set of status codes.
1	103	service-code	FINCopy service code
Group_2: In a multi-section report, Group_2 is mandatory in the last section of the report, it is not present in the other sections. Group_2 indicates the end of a multi-section report, it is always present in a single-section report, where it may contain the code 001 Empty Report.			
1	461	report-code	Report error code. See section 2.8 of FIN Error Codes for the full set of error codes.

Notes

If the logical terminal for which the report is requested is invalid, an MT 015 Delayed NAK on page 33 is returned in response.

Fields 431:`<msg-status>` and 103: `<service-code>` in group 1_2 are only present for messages processed by a FINCopy service.

When requested by a live logical terminal, field 461:`<report-code>` contains the value 004 when the system did not generate the undelivered message report because more than 94,905 messages (999 sections of 95 messages) were pending delivery.

When requested by a Test and Training logical terminal, field 461:`<report-code>` contains the value 004 when the system did not generate the undelivered message report because more than 9,500 messages (100 sections of 95 messages) were pending delivery.

If there are no undelivered messages to report, one MT 083 is returned to the requesting logical terminal with field 461:001 `Empty report`.

The last section of a multi-section undelivered message report contains field 461 with the value 002 `End of undelivered report`.

Example
Message

`{1:F01BANKBEBBAXXX0007445566}`	Basic header
`{2:O0830602900504CHURXXXXXXXX3333555555900 5040802S}`	

{4:	Text block
{202:001}	
{203:001}	
{171:900504}	
{175:0602}	
{301:RT}	The report refers to all messages undelivered at report time.
{335:1800010606BANKBEBBAXXX0008222211103DEUTDEFFXXXX1802}	Report indicates that: • The input time of the undelivered message was **1800** • The message input reference was **010606BANKBEBBAXXX0008222211** • The message type was **103** • The destination was **DEUTDEFFXXXX** • The time of the delivery attempt was **1802**
{461:002}	Code indicates end of undelivered report.
}	
{5:{CHK:987654321ABC}	
{SYS:}	
}	

MT 090 User-to-Swift Message

This message permits a FIN or General Purpose Application user to send text to Swift headquarters or Customer Support Centres.

Application: General Purpose Application and FIN

From: User **To:** Swift HQ, CSC-HK, CSC-NL, or CSC-US

From	To	Address
User	Swift HQ (Headquarters)	SWHQBECAXXXX
User	CSC - HK (Asia - Pacific)	SWHQHKHKXXXX
User	CSC - NL (Netherlands)	SWHQNLNLXXXX
User	CSC - US (United States)	SWHQUSUSXXXX

Format

Reps	Tag	Field	Content/Comments
1	311	text	Free format text for Swift-to-user and user-to-Swift messages. Text is in lines of 65 characters separated by CrLf. Maximum size of text is 1800 characters. Last character must not be CrLf. Upper case is mandatory.

Notes

In the General Purpose Application, this message must be addressed to a valid logical terminal of the system destination. Therefore, the logical terminal code in the destination field of the application header must have a valid logical terminal value and not X.

Example
Message

{1:F01VNDZBET2AXXX0015000911}	Basic header
{2:I090SWHQNLNLXXXXS}	CSC - NL
{4:	Text block
{311:TEST}}	
{5:	
{CHK:9CD0C38B2FFE}}	

MT 092 Swift-to-User Message

This message is used by Swift to send text to a FIN user destination or a General Purpose Application user logical terminal. This MT is not LT-directed.

From: General Purpose Application or FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
0-1	202	section-number	Sequential section number, beginning with 0001, identifying the position of an individual message in a multiple-section message
0-1	203	total-sections	Total number of sections in a multi-section message
1	311	text	Free format text for Swift-to-user and user-to-Swift messages. Text is in lines of 65 characters separated by CrLf. Maximum size of text is 1800 characters. Last character must not be CrLf. Upper case is mandatory.

Notes

The maximum length of field 311:<text> is 1800 characters. Each line has a maximum length of 65 characters including CrLf. Each Line must be separated by CrLf. The field must not end with CrLf.

Example

In FIN, an MT 092 Swift-to-User Message on page 137 is used by Swift to send the user the following report:

```
{311:** SP LEVEL 3 RECOVERY EXCEPTION REPORT FOR LT bbbbcclle **
** LIST OF UNRECOVERABLE MESSAGES DURING LEVEL 3 RECOVERY AT SP
xxxx **
THE FOLLOWING INFORMATION IDENTIFIES THE LAST MESSAGES KNOWN TO BE
EMITTED BY LT bbbbcclle:
APPLICATION     DATE      SESSION    ISN
FIN             yymmdd     9999      999999
GPA             yymmdd     9999      999999
ADM             yymmdd     9999      999999
ANY SUBSEQUENT MESSAGES EMITTED BY THIS LT SHOULD BE RE-INPUT WITH
AN APPROPRIATE `PDE' TRAILER. IN ADDITION, SOME DELIVERY HISTORY
DATA MAY BE UNRECOVERABLE.
THE FOLLOWING INFORMATION IDENTIFIES THE LAST DELIVERY HISTORY
DATA AVAILABLE FOR LT bbbcclle:
APPLICATION     DATE      SESSION    OSN
FIN             yymmdd     9999      999999
GPA             yymmdd     9999      999999
ADM             yymmdd     9999      999999
DELIVERY HISTORIES FOR SUBSEQUENT MESSAGE TO THIS LT CANNOT BE
RETRIEVED SORRY FOR ANY INCONVENIENCE THIS MAY HAVE CAUSED YOU.}
```

MT 094 Broadcast

This message is the result of a system or user request to broadcast information. It is the response to an MT 074 Broadcast Request. This MT is not LT-directed.

From: FIN **To:** User

Format

Reps	Tag	Field	Content/Comments
1	135	Broadcast priority	Priority must be U or N.
0-1	136	Broadcast number	Broadcast number for broadcast sent to all users
0-1	137	Broadcast number	Broadcast number for broadcast sent to selected countries
0-1	129	Section number	Section # of # in a multi-section broadcast
1	130	Code word(s)	Refer to MT 074 User Initiated Broadcast on page 125 and User Initiated Broadcast on page 127 or to the FIN Operations Guide for full list of code words.
0-n	132	Original broadcast number	Original broadcast number of broadcast sent to all users
0-n	133	Original broadcast number	Original broadcast number of broadcast sent to selected countries
1	134	Broadcast requester	BIC, name, and city of broadcast requester
1	312	Broadcast-text	n times 65 characters

MT 096 FINCopy to Server Destination Message

This message is used by FIN to copy all or part of a message to the server destination. This MT is not LT-directed.

The MT 096 is sent to a FIN Copy server BIC using one of the following criteria:

a. OUT DEST: this is the default BIC receiving the MT 096 for all member BICs of a slice processor.

b. ALT DEST: optionally, the service can define a specific receiver for the MT 096 generated for a specific member BIC of a slice processor.

There must be at least one OUT DEST, and there can be as many as there are slice processors in the system.

A BIC can be both OUT DEST and ALT DEST. An OUT DEST can be shared across slice processors. An ALT DEST can be shared across slice processors and member BICs.

c. Account based MT 096 receiver BIC. Currently used for FINInform only.

From: FIN **To:** Copy destination

Format

Reps	Tag	Field	Content/Comments
1		Copy-message	All or selected fields of the original message

Notes

The text block of the MT 096 FINCopy to Server Destination Message on page 139 contains all the blocks of the original message, including basic header, application header, user header, if present, and trailer block (including a new Message Reference trailer inserted by FINCopy). The text block of the original message may be fully- or partially-copied (only some fields are copied) based on the specific copy service configuration.

The following matrix shows the presence or absence of field 103 in block 3 of the original message, and certain optional trailers, for various types of services, within the text block of the message. The following codes apply to the matrix:

- Y = field is present for the service
- N = field is absent for the service
- O = field is present if the original user message also contains the field

	FINCopy				FINInform	
	T-Copy Single Authenticated	T-Copy Double Authenticated	Y-Copy Single Authenticated	Y-Copy Double Authenticated	T-Copy Single Authenticated	Y-Copy Single Authenticated
103 Tag	Y	Y	Y	Y	N	N
Sender to receiver signature	O	O	O	O	O	O

	FINCopy								FINInform			
	T-Copy Single Authenticated		T-Copy Double Authenticated		Y-Copy Single Authenticated		Y-Copy Double Authenticated		T-Copy Single Authenticated		Y-Copy Single Authenticated	
Sender to server destination signature	N		Y		N		Y		N		N	
CHK Trailer	Full Copy Y	Part Copy N	Full Copy Y	Part Copy N	Full Copy Y	Part Copy N	Full Copy Y	Part Copy N	Full Copy Y	Part Copy N	Full Copy Y	Part Copy N
MRF Trailer	Y		Y		Y		Y		Y		Y	

Field 103 in the matrix represents field 103 of the envelope: the trailers represent the trailers of the Y-Copy message.

The basic header contains the address of the copy destination.

Block 3 user header identifies the FINCopy service in field 103:`<service-code>`.

Block 4 of the MT 096 contains the copied message as originally sent including all the fields from the user header in block 3. If present in the original message, this includes fields 111 `<service-type-identifier>` and 121 `<unique-end-to-end-transaction-reference>`. These two header fields were introduced to identify a global payment service (field 111) and an end-to-end transaction reference across a payment transaction (field 121).

When generating the MT 097 FINCopy Message Authorisation/Refusal Notification on page 140, the server destination must return the 40-character `<original-user-message-reference>` contained in the Message Reference trailer.

A sample trailer block is as follows:

```
{5:
{CHK:<checksum-result>}
{SYS:<GMT-original-ack-time><GMT-original-ack-date>
<lt-id><branch-identifier><session-nbr><isn>}
}
```

See the FINCopy Service Description and the Inform Copy Service Description for further information.

MT 097 FINCopy Message Authorisation/Refusal Notification

This message is used by the Copy destination in FINCopy and FINInform services to authorise or reject message delivery.

From: Copy destination **To:** FIN

Format

Reps	Tag	Field	Content/Comments
1	103	service-code	FINCopy service code

Reps	Tag	Field	Content/Comments
1	109	original-user-message-reference	Original message reference of the corresponding MT 096 FINCopy to Server Destination Message on page 139, containing: • GMT date and time of the input message acceptance (12 characters). • Original message input reference (28 characters).
1	451	accept-reject	Accepted or rejected, where: • 0 = accepted • 1 = rejected
0-1	432	abort-reason	Service-specific reason for the message refusal. See FIN Error Codes for the full set of error codes.
0-1	114	payment-release-information-sender	Information from server destination to sender of payment message
0-1	115	payment-release-information-receiver	Information from server destination to the receiver of the payment message (FINCopy services). See the FINCopy Service Description for further information.
0-1	165	payment-release-information-receiver	Information from server destination to the receiver of the payment message (FINInform services). See the *Inform Copy Service Description* for further information.
0-1	433	screening-information-receiver	> code word • AOK - message automatically released by screening service • FPO - compliance officer has flagged the screening result as false positive • NOK - compliance officer has flagged the message as suspect or the message was auto released by the service > narrative text
0-1	422	copy-message-data-text	This field is only for use by market infrastructures which have subscribed to the Market Infrastructure Resiliency Service (MIRS).
0-1	425	MI-message-data-text	This field is only for use by market infrastructures which have subscribed to the Market Infrastructure Resiliency Service (MIRS).

Notes

The basic header contains the address of the server destination.

The server destination must return the 40-character `<original-user-message-reference>` contained in the Message Reference trailer of the corresponding MT 096 FINCopy to Server Destination Message on page 139.

If field 451:`<accept-reject>` has a value of 1 then field 432:`<abort-reason>` is mandatory.

Field 433:`<screening-information-receiver>` is reserved for use by a screening application. The contents will be delivered to the receiver in block 3 of the screened message.

Field 422:`copy-message-data-text` contains data from the related MT 096 consisting of information from the copied message plus additional data supplied by the RTGS.

Field 425:<MI-message-data-text> contains market infrastructure specific information which is needed to allow the Market Infrastructure Resiliency Service (MIRS) to generate the missing notifications when MIRS is activating. The content must be agreed between the market infrastructure subscribed to MIRS and MIRS.

See the FINCopy Service Description and the *Inform Copy Service Description* for further information.

Tags and Fields

General

This chapter provides the following information:

- a list of the fields that appear in Swift system messages, in alphabetical order
- a list of field tags, field names, and their attributes, in tag number order

Where the code word NONE is used this means that the definition is for a sub-element used elsewhere in a field definition. Sub-element attributes are also defined under a field definition if they occur there alone.

List of Fields

The following is a list of fields in alphabetical order:

Field	Tag
<1st-isn>	152
<1st-osn>	153
<abort-info>	272
<abort-reason>	432
<accept-reject>	451
<ack-replay-indicator>	NONE
<application-id>	101
<authentication-code>	117
<balance-checkpoint-date-and-time>	423
<banking-priority>	113
<billableBIC>	128
<branch-identifier>	NONE
<broadcast-number>	136
<broadcast-number>	137
<broadcast-priority>	135
<broadcast-requester>	134
<broadcast-text>	312
<cat-input-type>	256

Field	Tag
<cat-output-type>	259
<combined-criteria>	349
<connected-bic>	NONE
<copy-message-data-text>	422
<copy-msg-text>	199
<copy-msg-text>	999
<count>	NONE
<country-code>	NONE
<current-session-info>	330
<cut-off-time>	342
<cut-off-time-count>	343
<cut-off-time-count>	533
<date>	171
<date-range>	172
<date-time>	177
<day-time>	173
<delivery-history>	281
<delivery-monitoring>	105
<delivery-subset-list>	338
<delivery-subset-name>	339
<delivery-subset-status>	336
<encryption-key>	141
<end-date-time>	143
<error-code>	NONE
<error-code-l/q>	401
<error-code-l/s>	503
<FIN-copy-service-status>	242

Field	Tag
<full-time>	179
<generation-time-options>	341
graceful-shutdown-indication-allowed	328
<group>	307
<heading-code>	130
<hold-queue-request-type>	243
<holiday-suppression>	302
<hour>	174
<input-history>	280
<input-time-range>	257
<isn>	NONE
<isnnak>	NONE
<isn-qty>	NONE
<login-attempt>	270
<logout-info>	271
<lt-code>	303
<lt-code>	305
<lt-directed-queue>	208
<lt-identifier>	NONE
<lt-select-status>	337
<lt-subsets-shared-flag>	118
<lt-summary>	332
<MI-message-data-text>	425
<mir>	106
<mir>	251
<mir-range>	252
<month-day>	NONE

Field	Tag
<mor>	107
<mor>	253
<mor-range>	254
<msg-category>	NONE
<msg-category>	125
<msg-count>	313
<msg-identifier>	120
<msg-input-type>	255
<msg-list>	123
<msg-output-type>	258
<msg-priority>	104
<msg-status>	431
<msg-type>	NONE
<msg-type>	124
<msg-type-service-code-list>	345
<mur>	108
<mur-input>	263
<mur-output>	264
<non-banking-days>	340
<number-of-messages>	122
<obsolescence-period>	NONE
<original-broadcast-number>	132
<original-broadcast-number>	133
<original-user-message-reference>	109
<osn>	NONE
<osnnak>	NONE
<osn-qty>	NONE

Field	Tag
<output-time-range>	260
<payment-controls-information-for-receiver>	434
<payment-release-information-receiver> (FINCopy services)	115
<payment-release-information-receiver> (FINInform services)	165
<payment-release-information-sender>	114
<previous-session-info>	333
<priority>	NONE
<priority-category>	344
<random-number-seed>	126
<reconnect-allowed>	329
<reference>	424
<region>	304
<region-info>	334
<rejection-reason>	405
<report-code>	461
<reporting-options>	301
<report-line>	335
<required-info>	209
<retrieval-identifier>	140
<rtv-error-code>	421
<screening-information-receiver>	433
<section-number>	129
<section-number>	202
<select-state>	204
<service-code>	103
<service-code>	619
<service-type-identifier>	111

Field	Tag
<session-info>	331
<session-number>	151
<start-date-time>	142
<status>	144
<subset-sharing>	348
<swift-address>	102
<system-abort-code>	443
<test-mode-selection>	127
<text>	311
<time>	175
<time-range>	NONE
<total-sections>	203
<unique-end-to-end-transaction-reference>	121
<validation-flag>	119
<value-date-ordering>	206
<value-date-today>	116
<window-size>	110

List of Tags, Names and Attributes

This section lists the field tags, field names and their attributes. For information on the conventions used for the Format column, see Section 1.3 Notation Conventions in the **FIN System Messages**.

Tag	Field	Format	Explanation
NONE	<connected-bic>	4!a2!a2!c3!c	See the Standards MT General Information and FIN Service Description for details of the connected BIC.
NONE	<branch-identifier>	3!c	XXX or as listed in the *BIC Plus*, which is available on www.swiftrefdata.com. See the Standards MT General Information.
NONE	<msg-category>	1!n	Message category. See the Standards MT Message Reference Guides.

Tag	Field	Format	Explanation
NONE	<msg-type>	3!n	Message type. See the Standards MT Message Reference Guides.
NONE	<count>	5!n	The number of messages waiting in a delivery subset.
NONE	<country-code>	2!a	Based on ISO 3166. See the *BIC Plus*, which is available on www.swiftrefdata.com.
NONE	<error-code>	3!c	Re-login request error code (returned in fields 280, 331, or 333). See FIN Error Codes for a full set of error codes.
NONE	<isn>	6!n	Input sequence number.
NONE	<isn-qty>	6!n	Quantity of messages sent.
NONE	<lt-identifier>	4!a2!a2!c1!c	9-character logical terminal identifier.
NONE	<month-day>	MMDD	(1)
NONE	<osn>	6!n	Output sequence number.
NONE	<osn-qty>	6!n	Quantity of messages received.
NONE	<priority>	1!a	Message priority, where: • S = system • U = urgent • N = normal
NONE	<time-range>	HHMM+HHMM	Time range of up to 24 hours, where the first HHMM is the starting time in hours and minutes, and the second is the ending time. (1)
NONE	<obsolescence-period>	3!n	Period after which, if a FIN message remains undelivered, a non-delivery warning is generated if the U1 or U3 delivery monitoring option has been requested. It also specifies the length of time after which (obsolescence period expired) a Delayed Message trailer is added to a message.
NONE	<isnnak>	6!n	Session information - Identifies last input NAK of previous session.
NONE	<osnnak>	6!n	Session information - Identifies last output NAK of previous session.
NONE	<ack-replay-indicator>	1!n	Session information - Indicates the last ACK can be replayed.

Tag	Field	Format	Explanation
101	<application-id>	1!c	Application identifier, where: • F = FIN application • A/L = General Purpose Application • X = all applications
102	<swift-address>	4!a2!a2!c1!c3!c	Complete 12-character address, including logical terminal code and branch identifier, or default branch identifier XXX.
103	<service-code>	3!a	FINCopy service code.
104	<msg-priority>	1!a	Message priority, where: • S = system • U = urgent • N = normal
105	<delivery-monitoring>	1!n	Delivery monitoring, where: • 1 = non-delivery warning • 2 = delivery notification • 3 = both
106	<mir>	<date> 6!n <lt-identifier> 4!a2!a2!c1!c <branch-identifier> 3!c <session-number> 4!n <isn> 6!n	Message input reference containing: • Input date • Input logical terminal including branch identifier • Session number • Input sequence number
107	<mor>	<date> 6!n <lt-identifier> 4!a2!a2!c1!c <branch-identifier> 3!c <session-number> 4!n <osn> 6!n	Message output reference containing: • Output date • Output logical terminal including branch identifier • Session number • Output sequence number
108	<mur>	16x	Message user reference as used in the header of the original message. Tag 108 with only blanks (spaces) is accepted by the system.

Tag	Field	Format	Explanation
109	<original-user-message-reference>	<date> 6!n <full-time> 6!n <mir> 28!c	Original message reference of the corresponding MT 096 FINCopy to Server Destination Message, containing: • GMT date and time of the input message acceptance (12 characters). • Original message message input reference (28 characters).
110	<window-size>	3!n	Maximum number of messages sent or received without waiting for or sending acknowledgement.
111	<service-type-identifier>	3!n	Identifies the applicable global payment service type.
113	<banking-priority>	4!x	Assigned by the sender of the message. Tag 113 with only blanks (spaces) is accepted by the system.
114	<payment-release-information-sender>	32x	Information from server destination to sender of payment message. Tag 114 with only blanks (spaces) is accepted by the system.
115	<payment-release-information-receiver>	32x	Information from server destination to the receiver of the payment message (FINCopy services). Tag 115 with only blanks (spaces) is accepted by the system. See the FINCopy Service Description for further information.
116	<value-date-today>	1!a	Restricts delivery of messages, where: • Y = yes. Only deliver messages with a value date of today or earlier • N = no. Do not restrict delivery based on value date
117	<authentication-code>	8!h	Reserved for internal use.
118	<lt-subsets-shared-flag>	1!a	Whether a logical terminal allows sharing of its selected FIN delivery subsets with other logical terminals at the same destination, where: • Y = yes. Destination operating in shared mode using overflow mechanism
119	<validation flag>	8c	Request for specific validation, followed by the validation identifier. This field may appear in block 3, the user header.

Tag	Field	Format	Explanation
120	<msg-identifier>	5n	Refers to a specific message in a tank file by means of the message identifier, which is recorded in the first field 20 or 20C::SEME of the message. No duplicates are allowed. Can be repeated up to 200 times.
121	<unique-end-to-end-transaction-reference>	36!x	Provides an end-to-end reference across a payment transaction. The structure of this field is: xxxxxxxx-xxxx-4xxx-yxxx-xxxxxxxxxxxx where x is any hexadecimal character (lower case only) and y is one of 8, 9, a, or b.
122	<number-of-messages>	3n	Number of messages that can be requested to be sent by the system to a Test and Training logical terminal in local test mode. A maximum of 999 messages may be requested.
123	<msg-list>	3!a	Whole tank file. It should contain the value ALL, indicating that the entire set of tank file messages is requested.
124	<msg-type>	3!n	A valid FIN user-to-user message type, or MT 021, MT 066, MT 071, MT 082, MT 083, or MT 094. It can be repeated up to a value equal to the number of user-to-user or system messages. No duplicates are allowed.
125	<msg-category>	1!n	A valid FIN user-to-user message category. It can be repeated up to 9 times. No duplicates are allowed. See the Standards MT Message Reference Guides for more information.
126	<random-number-seed>	4!n	Identifies a set of test messages. It contains a seed defined by the user, which allows them to receive the same set of messages in a subsequent session if the same seed is used.
127	<test-mode-selection>	2!a	Test mode selection must be one of the following: • FC = full function mode, current • FF = full function mode, future • LC = local test mode, current • LF = local test mode, future
128	<priority-billable-BIC>	"U"|"N" "/"4!a2!a2!c	Broadcast priority and billable BIC. **Note** *Branch identifier is not allowed.*
129	<section-number>	2n"/"2n	Section number.
130	<heading-code>	"/"2!n"/"<X>1-65 [<CrLf>"/"2!n"/"<X>1-65]	Heading code line 1 Heading code line 2 If (tag 130:/09/...) or (tag 130:/23/...) is present, then tag 132 or 133 but not both, must be used.

Tag	Field	Format	Explanation
132	<original-broadcast-number>	"B"|"S"5!n	Original broadcast number for broadcast sent to all users. Tag 132 can only be present if tag 130:/09/ or tag 130:/32/ is present. Tag 132 may be repeated.
133	<original-broadcast-number>	"B"|"S""XXX" "HQ"|"HK"|"NL"|"US"4!n	Original broadcast number for broadcast sent to selected countries. Tag 133 can only be present if tag 130:/09/ or tag 130:/32/ is present. **Note** *"B"|"S" "XXX" "HQ"|"HK"|"NL"|"US"4!n corresponds to:* • *B User-initiated broadcast* • *S Swift-initiated broadcast* • *XXX indicates an unsequenced broadcast (that is for selected countries)* • *HQ broadcast issued from La Hulpe* • *HK broadcast issued from Hong Kong* • *NL broadcast issued from the Netherlands* • *US broadcast issued from the United States* • *4!n 4-digit broadcast number* Tag 133 may be repeated.
134	<broadcast-requester>	<connected-bic><CrLf> <X>1-65 <CrLf> <X>1-65	BIC of broadcast requester. Name of broadcast requester. City of broadcast requester.
135	<broadcast-priority>	"U"|"N"	Broadcast processing priority.
136	<broadcast-number>	"B"|"S" 5!n	Broadcast number for broadcast sent to all users.
137	<broadcast-number>	"B"|"S" "XXX" "HQ"|"HK"|"NL"|"US" 4!n	Broadcast number for broadcast sent to selected countries. See tag 133 for details.
140	<retrieval-identifier>	15!n	User's retrieval identifier.
141	<encryption-key>	64!h	User's encryption key
142	<start-date-time>	12!n	Starting date and time (GMT) of time range for retrieval, in YYYYMMDDHHMM format.

Tag	Field	Format	Explanation
143	<end-date-time>	12!n	Ending date and time (GMT) of time range for retrieval, in YYYYMMDDHHMM format.
144	<status>	2!n	Retrieval status Field 144:<status> provides the status of this bulk retrieval at FIN. Possible <status> values are: • 00 - Successful • 01 - Too many retrieval requests in progress • 02 - Duplicate retrieval • 03 - Retrieval only partially complete • 06 - Retrieval ID matches active request but retrieval parameters do not • 07 - Invalid message type • 08 - Invalid retrieval identifier • 10 - Invalid <encryption-key> • 11 - Invalid <start-date-time> • 12 - Invalid <end-date-time> • 13 - Invalid retrieval time range • 14 - Retrieval aborted due to system error • 15 - Retrieval aborted due to communication error • 16 - Retrieval aborted on recovery • 17 - Retrieval aborted by Swift • 18 - Retrieval ID used in a previously completed retrieval • 19 - Retrieval complete but some records were unavailable
151	<session-number>	4!n	Session number allocated to the new session.
152	<1st-isn>	6!n	First input sequence number to be retrieved in a multiple input message retrieval.
153	<1st-osn>	6!n	First output sequence number to be retrieved in a multiple output message retrieval.
165	<payment-release-information-receiver>	/3!c/34x	A three-character service code, between slashes, followed by information from the server destination to the receiver of the payment message (FINInform services). See the *Inform Copy Service Description* for further information.
171	<date>	YYMMDD	(1)

Tag	Field	Format	Explanation
172	<date-range>	MMDD MMDD	Date range, containing: • Start date • End date (1)
173	<day-time>	DDHHMM	(1)
174	<hour>	HH	Range: 00-23 (1)
175	<time>	HHMM	Can be an input time or an output time. (1)
177	<date-time>	YYMMDDHHMM	Can be a start date and time, a cut-off date and time, an end date and time, or the date and time of report generation in the local time of the receiver. (1)
179	<full-time>	HHMMSS	Reserved for internal use.
199	<copy-msg-text>	9911z	Reserved for internal use.
202	<section-number>	4!n	Sequential section number, beginning with 0001, to identify the position of an individual message in a multiple-section message.
203	<total-sections>	4!n	Total number of sections in a multi-section message.
204	<select-state>	2!a	Logical terminal select state, where: • YN = input only • NY = output only • YY = input and output. Output refers to messages which are not LT-directed.
206	<value-date-ordering>	Y/N	Value date ordering, where: • Y = on • N = off
208	<lt-directed-queue>	Y/N	Select output of messages from the LT-directed queue, where: • Y = yes • N = no
209	<required-info>	1!n	Type of information to be reported, where: • 1 = count and individual message status • 2 = count only

Tag	Field	Format	Explanation
242	<FIN-copy-service-status>	1!a	Requested service status, where: • O = open. Start-up service • C = close. Shutdown service
243	<hold-queue-request-type>	1!n	Type of hold queue report, where: • 1 = counts and message input references of original messages • 2 = counts only • 3 = counts and message input references of MT 096 copy message
251	<mir>	<date> 6!n <lt-identifier> 4!a2!a2!c1!c <branch-identifier> 3!c <session-number> 4!n <isn> 6!n	Message input reference of the individual message that is to be retrieved. It consists of: • Date of input of the message • Sending logical terminal and branch identifier XXX (irrespective of the branch identifier used in the original message) • Session number • Input sequence number
252	<mir-range>	<date> 6!n <lt-identifier> 4!a2!a2!c1!c <branch-identifier> 3!c <session-number> 4!n <isn> 6!n <date> 6!n <lt-identifier> 4!a2!a2!c1!c <branch-identifier> 3!c <session-number> 4!n <isn> 6!n [<time-range> 4!n4!n]	Range of message input references for retrieval. The message input references consist of: • Date of input of the message • Sending logical terminal and branch identifier XXX (irrespective of which branch identifier was used in the original message) • Session number • Input sequence number An optional time range criterion can be specified.
253	<mor>	<date> 6!n <lt-identifier> 4!a2!a2!c1!c <branch-identifier> 3!c <session-number> 4!n <osn> 6!n	Message output reference of the individual message that is to be retrieved. It consists of: • Date of output of the message • Receiving logical terminal and branch identifier XXX (irrespective of the branch identifier used in the original message) • Session number • Output sequence number

Tag	Field	Format	Explanation
254	<mor-range>	<date> 6!n <lt-identifier> 4!a2!a2!c1!c <branch-identifier> 3!c <session-number> 4!n <osn> 6!n <date> 6!n <lt-identifier> 4!a2!a2!c1!c <branch-identifier> 3!c <session-number> 4!n <osn> 6!n [<time-range> 4!n4!n]	Range of message output references for retrieval. The message output references consist of: • Date of output of the message • Receiving logical terminal and branch identifier XXX (irrespective of which branch identifier was used in the original message) • Session number • Output sequence number An optional time range criterion can be specified.
255	<msg-input-type>	<lt-identifier> 4!a2!a2!c1!c <branch-identifier> 3!c <session-number> 4!n <msg-type> 3!n <date> 6!n [<time-range> 4!n4!n]	Message input type, containing: • Input logical terminal including branch identifier XXX • Input session • Message type • Input date • Input time range
256	<cat-input-type>	<lt-identifier> 4!a2!a2!c1!c <branch-identifier> 3!c <session-number> 4!n <msg-category> 1!n <date> 6!n [<time-range> 4!n4!n]	Category input type, containing: • Input logical terminal including branch identifier XXX • Input session • Message category • Input date • Input time range
257	<input-time-range>	<lt-identifier> 4!a2!a2!c1!c <branch-identifier> 3!c <date> 6!n <time-range> 4!n4!n [<session-number> 4!n]	Input time range, containing: • Input logical terminal including branch identifier XXX • Input date • Input time range • Input session

Tag	Field	Format	Explanation
258	<msg-output-type>	<lt-identifier> 4!a2!a2!c1!c <branch-identifier> 3!c <session-number> 4!n <msg-type> 3!n <date> 6!n [<time-range> 4!n4!n]	Message output type, containing: • Output logical terminal including branch identifier XXX • Output session • Message type • Output date • Output time range
259	<cat-output-type>	<lt-identifier> 4!a2!a2!c1!c <branch-identifier> 3!c <session-number> 4!n <msg-category> 1!n <date> 6!n <time-range> 4!n4!n	Category output type, containing: • Output logical terminal including branch identifier XXX • Output session • Message category • Output date • Output time range
260	<output-time-range>	<lt-identifier> 4!a2!a2!c1!c <branch-identifier> 3!c <date> 6!n <time-range> 4!n4!n [<session-number> 4!n]	Output time range, containing: • Output logical terminal including branch identifier XXX • Output date • Output time range • Output session
263	<mur-input>	<lt-identifier> 4!a2!a2!c1!c <branch-identifier> 3!c <date> 6!n <time-range> 4!n4!n [<session-number> 4!n]	Input message user reference, containing: • Input logical terminal including branch identifier XXX • Input date • Input time range • Input session
264	<mur-output>	<lt-identifier> 4!a2!a2!c1!c <branch-identifier> 3!c <date> 6!n <time-range> 4!n4!n [<session-number> 4!n]	Output message user reference, containing: • Output logical terminal including branch identifier XXX • Output date • Output time range • Output session
270	<login-attempt>	<timestamp> 10!n <login-block> [<login-result>]	YYMMDDHHMM 22 Login Positive Acknowledgement or 42 Login Negative Acknowledgement

Tag	Field	Format	Explanation
271	<logout-info>	<timestamp> 10!n <logout-block> [<logout-result>]	YYMMDDHHMM Logout service identifier block Logout ACK block
272	<abort-info>	<timestamp> 10!n <abort>	YYMMDDHHMM
280	<input-history>	<time> 4!n <mir> 28!c <acceptance> 1!a [<error-code> 3!c [<line-tag>] 3!n]	Message input history, containing: • Input time of message • Message input reference • Accepted or rejected (Y or N) • If rejected, error code and line number (in banking message) or field number (in system message) Time in message input reference is local to the sender.
281	<delivery-history>	<time> 4!n <mor> 28!c <delivery-result> 1!a [<error-code> 3!c]	Message delivery history, that reports on each delivery attempt. For each attempt, it contains: • Output time of message • Message output reference • Accepted or rejected (Y or N) • An error code if rejected: - A00 = aborted - D03 = cancelled - D07 = requeued due to user SYNC request - D08 = requeued due to session abort - D09 = requeued due to system recovery - D12 = positive user acknowledgement text format error - Ynn = rejected by receiver
301	<reporting-options>	2!c	Reporting options, where: • RT = all undelivered at report time • nn = undelivered for more than nn hours (range: 00<nn<=24) • VD = value-date-sensitive message undelivered after the receiver's cut-off time on the value date • CS = this report has been sent following a FIN cold start (MT 082 only)
302	<holiday-suppression>	1!a	Holiday suppression option, where: • Y = yes. Suppression during holiday • N = no. No suppression during holiday

Tag	Field	Format	Explanation
303	<lt-code>	1!c	9th character of BIC-12. The value X signifies details of all logical terminals belonging to the destination.
304	<region>	"ALL" OR <CC>"X"	Region identified by the country code followed by the region code. If the region code is defined as X, then all regions of the country are identified. ALL = all regions. Tag 304 may be repeated.
305	<lt-code>	1!c	9th character of BIC-12.
307	<group>	4!c	Group of existing country codes. "AFRI" or "APAC" or "CEEE" or "CLAM" or "EUZN" or "EEAR" or "MIDE" or "NAMR"
311	<text>	65x[65x]...	Free format text for Swift-to-user and user-to-Swift messages. Text is in lines of 65 characters separated by CrLf. Maximum size of text is 1800 characters. Last character must not be CrLf. Upper case is mandatory.
312	<broadcast-text>	<X>1-65 [<CrLf><X>1-65] 0-n	Broadcast text is minimum 1 and up to n lines of 65 characters.
313	<msg-count>	5!n	Count of messages
328	graceful-shutdown-indication-allowed	1!a	Graceful shutdown indication allowed option, where: • Y = yes. Graceful shutdown indication allowed. • N (or any character other than Y) = no. Graceful shutdown indication not allowed. This is the default value.
329	<reconnect-allowed>	1!a	Reconnect allowed option, where: • Y = yes. Reconnect allowed • N (or any character other than Y) = no. No reconnect allowed

Tag	Field	Format	Explanation
330	<current-session-info>	<session-number> 4!n <isn> 6!n <isnnak> 6!n <osn> 6!n <osnnak> 6!n <ack-replay-indicator> 1!n	Current session information. For example: 00250000450000440000500000501 where: • <session-number> = 025 • <isn> = 000045 • <isnnak> = 000044 • <osn> = 000050 • <osnnak> = 000050 • <ack-replay-indicator> = 1
331	<session-info>	<session-number> 4!n <date> 6!n <time> 4!n <date> 6!n <time> 4!n <error-code> 3!c <isn-qty> 6!n <osn-qty> 6!n <isn> 6!n <isn> 6!n <osn> 6!n <osn> 6!n	Session information, including: • Session number • Date session opened • Time session opened • Date session closed • Time session closed • Reason for closure • Quantity of messages sent • Quantity of messages received • First input sequence number • Last input sequence number • First output sequence number • Last output sequence number
332	<lt-summary>	<isn-qty> 6!n <osn-qty> 6!n	Logical terminal summary, including: • Total messages sent • Total messages received
333	<previous-session-info>	<date> 6!n <time> 4!n <session-number> 4!n <date> 6!n <time> 4!n <error-code> 3!c <isn> 6!n <osn> 6!n	Previous session information, including: • Date last session opened • Time last session opened • Session number • Date last session closed • Time last session closed • Reason for closure • Last input sequence number received • Last output sequence number sent
334	<region-info>	<region> 3!c <hour> 2!n <minutes> 2!n	Region information, including: • Country and region code • Region delta hour • Region delta minutes

Tag	Field	Format	Explanation
335	<report-line>	<time> 4!n <mir> 28!c <msg-type> 3!n <address> 4!a2!a2!c1!c3!c [<time> 4!n]	For each message, the report line gives: • The time, local to the sender, when the message entered the system • The message input reference of the message being reported • The message type (of the message being reported) • The intended receiver's address • The time, local to the receiver, when the last delivery attempt was made
336	<delivery-subset-status>	<delivery-subset-name> 6!c <count> 5!n [<lt-code> 1!c [*1-36]]	Specifies the delivery subset name, the number of messages in the queue and, optionally, the logical terminal code or codes if the logical terminals are sharing subsets. For LT-directed queues, the delivery subset name is in the form LTDIRa where a identifies the logical terminal that selects the specified subset.
337	<lt-select-status>	2!a	Logical terminal select status, where: • YN = input only • NY = output only • YY = input/output • NN = no session
338	<delivery-subset-list>	<delivery-subset-name> 6!c[*30]	Up to 30 delivery subsets can be selected.
339	<delivery-subset-name>	6!c	Name assigned by the user to a delivery subset.
340	<non-banking-days>	<country-code> 2!a [<MMDD>[*1-14]]	Can be repeated as many times as there are regions requested. For each country there can be a maximum of 14 dates.
341	<generation-time-options>	2!c	Generation option, where: • <hour> = fixed hour every day, in the range 00-23 • CF = cut-off time for every country • RQ = on request only
342	<cut-off-time>	<region> 3!c <time> 4!n	Region and time. Repeated once for each cut-off region that is requested.
343	<cut-off-time-count>	5!n<space>5!n<space>5!n<space>5!n	Four 5-digit numbers, each separated by a space.

Tag	Field	Format	Explanation
344	<priority-category>	<priority> 1!a [<msg-category>9n]	Priority and, optionally, message categories. Can appear up to three times for each occurrence of field 339. • S = system • U = urgent • N = normal
345	<msg-type-service-code-list>	3!c[*10]	List of up to 10 message types and/or service codes in any combination. Can appear once for each occurrence of field 344.
346	<branch-identifier-list>	3!c[*10]	List of up to 10 branch identifiers. Can appear once for each occurrence of field 344. Default branch identifier "XXX" is not allowed. Branch identifier must be a valid branch identifier when the MT 047 is issued.
347	<field-list>	3!c[*10]	List of up to 10 field tags. 13C is the only field currently supported.
348	<subset-sharing>	1!c	Indicates the way in which selected FIN delivery subsets can be shared among multiple logical terminals of a destination, where: • N = subset sharing is not allowed • O = sharing allowed using overflow mechanism • L = sharing allowed using load-balancing mechanism If this field is not present, then subset sharing is not allowed.
349	<combined-criteria>	1!n	Indicates the way in which fields are combined to form delivery subset selection logic, where: • 0 = not combined • 1 = branch identifier combined with other fields
401	<error-code-l/q>	2!n	Error code for logout/quit, where: • 01 = incorrect time/day • 02 = Training trailer missing • 03 = input sequence number error See FIN Error Codes for the full set of error codes.
405	<rejection-reason>	<error-code> 3!c [<line-tag>] 3!n	Reason for rejection. See FIN Error Codes for the full set of error codes. Also contains a line number (for user-to-user messages) or a field number (for system messages).
421	<rtv-error-code>	3!c	Reason why the retrieval request cannot be satisfied. See FIN Error Codes for the full set of error codes.

Tag	Field	Format	Explanation
422	<copy-message-data-text>	12*(1!c/38x)	This field is only for use by market infrastructures which have subscribed to the Market Infrastructure Resiliency Service (MIRS).
423	<balance-checkpoint-date-and-time>	YYMMDDHHMMSS[ss]	This field is only for use by market infrastructures which have subscribed to the Market Infrastructure Resiliency Service (MIRS).
424	<reference>	16x	This field is only for use by market infrastructures which have subscribed to the Market Infrastructure Resiliency Service (MIRS). Tag 424 with only blanks (spaces) is accepted by the system.
425	<MI-message-data-text	20*(2!c/37x)	This field is only for use by market infrastructures which have subscribed to the Market Infrastructure Resiliency Service (MIRS).
431	<msg-status>	2!n	Message status (for example, whether delivered or aborted). See FIN Error Codes for the full set of error codes.
432	<abort-reason>	2!c	Reason for the abort, and, for the FINCopy service, reason for message refusals. See FIN Error Codes for the full set of error codes.
433	<screening-information-receiver>	/<code-word>3!a/ [<additional-information>20x]	Screening results and additional information inserted by the compliance officer. Additional information.
434	<payment-controls-information-for-receiver>	/<code-word>3!a/ [<additional-information>20x]	Information provided to the receiver from the Payment Controls service about the screened message.
443	<system-abort-code>	3!c	Reason for system abort. See FIN Error Codes for the full set of abort codes.
451	<accept-reject>	1!n	Accepted or rejected, where: • 0 = accepted • 1 = rejected
461	<report-code>	3!c	Report error code. See FIN Error Codes for the full set of error codes.
503	<error-code-l/s>	3!c	Login/select error code. See FIN Error Codes for the full set of error codes.
533	<cut-off-time-count>	5!n	One 5-digit number.
619	<service-code>	3!a	FINCopy service code.
999	<copy-msg-text>	9911z	Reserved for internal use.

(1) Date and time are always given as local, unless otherwise specified. Local time for the Swift network is in GMT.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