

Interactive Messaging Specifications for MBS Central Counterparty (CCP) Pool Netting v2.01

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Version Control Page

Date	Version #	Name	Description of Change
07/05/2015	2.0	C. Swords	Made following document corrections: <ul style="list-style-type: none"> • Removed change-marks related to modifications introduced with prior version. • Updated format to conform to new standards, and updated general comments as deemed necessary.
07/15/2015	2.0	C. Swords	Made following enhancements to support Novation: <ul style="list-style-type: none"> • Add MT599 message for start/end expanded pool net process • On MT515 (and MT518), Trade Date must specify date of targeted TBA position. • On MT509, new messages for non-netting eligible and STIP PIDs converted to pool obligations (NECV and PDCV respectively) • On MT518, add pool reference from EPN submission (EPNX) • MT518 SITR (force-compare) generated by system • Added table for Reason Codes (previously in separate document)
08/26/2015	2.01	C. Swords	Made following updates: <ul style="list-style-type: none"> • On MT518, update verbiage describing EPNX as “reflects the Pool Reference specified by the seller in their corresponding EPN submission”. Note that the seller can be a member-seller, or FICC.

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ABOUT THIS DOCUMENT

This document provides an overview of Interactive Messaging to support MBS Central Counterparty (CCP) Pool Netting and the MBS Novation initiative, along with detailed message specifications (input and output) that will be used to support the process. In developing these specifications, an effort was made to ensure that they are consistent with existing Interactive Messaging specifications for MBS RTTM and Pool Netting.

As new functionality is added to the existing service, additions and modifications to these specifications may be required. This is therefore a "living" document that will be updated as interactive services are expanded.

Audience

This document was written for systems and development personnel, including managers, analysts, and programmers. It presumes readers are familiar with technical concepts and terms, understand FICC's Interactive Messaging specifications for both MBS RTTM and MBS CCP Pool Netting, and have a basic knowledge of the MBS's services.

Related Materials

SWIFT

The specifications for Interactive Messages are based on SWIFT messages. **Readers are therefore strongly urged to refer to SWIFT user documentation to obtain a complete and comprehensive understanding of these message standards.** SWIFT information (including many applicable message formats) can also be found on the Internet at www.iso15022.org.

RTTM

For additional information regarding RTTM®, readers can refer to documentation found on the internet at <http://www.dtcc.com/products/documentation/fi/mbs.php>.

1 Introduction

Upon the implementation of the MBS CCP Pool Netting System:

- Participants will have the ability to submit pool input to Pool Netting intra-day, using the SWIFT MT515 message format.
- Submitters will immediately receive pool status information (i.e., notification of whether the pool input has been accepted or rejected) via the SWIFT MT509 message format. This format will also be used to provide up-to-the-minute pool status information to Participants as transactions are processed by Pool Netting (for example, a message will be sent when a Pool Instruct compares, is canceled or is modified).
- Pool Instruct counterparties will also be notified immediately via a SWIFT MT518 message when an Instruct has been submitted against them. The SWIFT MT518 message will contain full Pool Instruct details. It will also be used to communicate to participants those changes that Pool Netting may have made to transaction records previously submitted, Instructs previously created, **Pool Instructs automatically generated on member's behalf** or when participants enter information directly into the system via terminal service.
- Administrative messages using the MT599 format will be generated indicating:

Daily Messages

1. Pool Netting Start of Day Notification,
2. Start of Pool Netting,
3. End of Pool Netting,
4. Comparison Submission Cutoff End-of-Day Message, and
5. End-of-Day Cycle Message

SIFMA-Calendar based Messages:

6. Start of Expanded Pool Netting, and
7. End of Expanded Pool Netting,

1.1 Messages Overview

1. The following table summarizes the SWIFT message types that will be used for Pool Netting.

SWIFT Message Type	Used for	Generated By	See Section
MT515	All the SWIFT Pool Inputs to FICC	Participants	2
MT509 and MT518	Pool Netting real-time SWIFT MRO to participants	FICC	3 (for MT509) and 4 (for MT518)
MT599	Pool Netting real-time SWIFT MRO to participants on System Events	FICC	5

2. Detailed Messaging Specifications

Sections 2-5 contain the detailed messaging specifications for the message types summarized in the table above. **While this document provides the full specifications for MBS Pool Netting and Novation service, the information has been color coded to highlight changes introduced with the**


novation service. For members currently communicating via the MBS Pool Netting Interactive Messaging service, these highlighted section represent changes that may need to be supported, based on the member's needs. Please refer to the following table for details.

If the text is shaded in:	That indicates:
<p>Yellow (or dark gray) *</p> <p>Example: new Pool Netting fields</p>	<p>The fields are either:</p> <ul style="list-style-type: none"> • <u>New sub-qualifiers introduced</u> for MBS Novation, or • <u>Existing tags/qualifiers/sub-qualifiers modified</u> for MBS Novation.
<p>No shading</p>	<ul style="list-style-type: none"> • <u>Existing MBS messaging specifications</u> that are unchanged for MBS Novation.

1.2 Additional Details

Please refer to the following appendices for further detail:

- A Reason Codes for MBS CCP Pool Netting
- B Real-time SWIFT Output Message Groupings
- C Message Flows for MBS CCP Pool Netting
- D Message Samples for MBS CCP Pool Netting

 The Messaging Flows and Message Samples (Appendices B and C) have been included to further bolster the reader's comprehension of the specifications and to assist in the coding effort. ***These Messaging Flows and Message Samples are for illustrative purposes and are not intended to be comprehensive.*** They do not include all potential messaging flows, nor do they contain all data that may be conveyed in the messages.

2 MT515 POOL NETTING INPUT MESSAGES

This section contains the following sub-sections:

- 2.1 General Format
- 2.2 Field Specifications
- 2.3 Field Analysis

 See Item #2 in Section 1.1 for a description of what the shaded color indicates.

2.1 MT515 Pool Netting Input Messages – General Format

M/O	Tag	Block/Qualifier	Subqualifier/Options	Field Description	Data Field Format
				Message Header	
M				Password	12!c
M				Sender	8!c
M				Message Type	3!n/3!n/4!c
M				Receiver	8!c
M	:16R:	GENL		Block Start	
M	:20C:	:SEME//		Sender's Reference for this Msg.	16x
M	:23G:	NEWM		Msg. Function = New Instruct <i>or</i>	4!c
		CANC		Cancel	
M	:22F:	:TRTR/	DTCY/CASH	Cash Buy/Sell Trade Indicator	4!c
M	:16R:	LINK		Repeat Block Start	
O	:20C:	:MAST//		Master Reference Number (External Reference)	16x
M	:16S:	LINK		Repeat Block End	
M	:16R:	LINK		Repeat Block Start	
O	:20C:	:PREV//		Previous Reference Number	16x
M	:16S:	LINK		Repeat Block End	
M	:16R:	LINK		Repeat Block Start	
O	:20C:	:LIST//		Pool Netting Assigned Reference (PID)	16x
M	:16S:	LINK		Repeat Block End	
M	:16S:	GENL		Block End	
M	:16R:	CONFDET		Block Start	
M	:98C:	:TRAD//		Trade Date & Time	YYYYMMDDHHMMSS
M	:98A:	:SETT//		Settlement Date	YYYYMMDD
M	:90A:	:DEAL/	/PRCT/	Deal Price – Percentage	15d
O	:19A:	:SETT/	/USD	Settlement Amount	15d
M	:22H:	:BUSE/	/BUYI	Trade Type – Buy <i>or</i>	4!c
			/SELL	Sell	
O	:22F:	:PROC/	DTCY/INST	Instruct (i.e., Pool Instruct) Processing Indicator <i>or</i>	4!c
			DTCY/CANC	Cancel Processing Indicator <i>or</i>	
			DTCY/MDFC	Modify Processing Indicator <i>or</i>	
			DTCY/TDDK	DK Processing Indicator <i>or</i>	
			DTCY/CDRQ	CDR Request Indicator <i>or</i>	
			DTCY/CDRL	CDR Release Indicator	

2.1 MT515 Pool Netting Input Messages – General Format

M/O	Tag	Block/Qualifier	Subqualifier/Options	Field Description	Data Field Format
M	:22H:	:PAYM/	/APMT	Against Payment Indicator	4!c
M	:16R:	CONFPRTY		Repeat Block Start	
M	:95R:	:BUYR/	DTCY/PART	Party = Buyer	34x
O	:20C:	:PROC//		Pool Netting Assigned Contra Reference (Contra's PID)	16x
M	:16S:	CONFPRTY		Repeat Block End	
M	:16R:	CONFPRTY		Repeat Block Start	
M	:95R:	:SELL/	DTCY/PART	Party = Seller	34x
O	:20C:	:PROC//		Pool Netting Assigned Contra Reference (Contra's PID)	16x
M	:16S:	CONFPRTY		Repeat Block End	
M	:36B:	:CONF/	/FAMT/	Quantity as Face Amount – Original Face Value (Par)	15d
M	:35B:	/US/		TBA CUSIP	9!c (4 * 35x)
M	:16R:	FIA		Block Start	
O	:13B:	:POOL/	DTCY/	Pool Number	9x (30x)
M	:16S:	FIA		Block End	
O	:70E:	:TPRO/	/DTCY	Trade Instruction Processing Narrative	(10*35x)
			/TDSVPOOL	Trade Service Type – Pool Input for Pool Netting	4!c
			/CDRY	CDR Indicator	
			/DDTE	Delivery Date	YYYYMMDD
			/DKRS	DK Reason (see Appendix A)	4!c
M	:16S:	CONFDET		Block End	

2.2 MT515 Pool Netting Input Messages – Field Specifications

Block/Tag	Notes	
Message Header	Each message must contain a message header. All header fields are mandatory fixed format with trailing blanks, where required.	
Password	12!c	A password will be assigned by Pool Netting enabling the sender to submit pool inputs on behalf of specific participant(s).
Sender	8!c	MBSD account number of the participant sending the message.
Message Type	3!n/3!n/4!c	The first three characters indicate to the recipient the message type (515); the second three positions reflect the version of the message interface (currently always 000). The last four characters indicate the issuer code to be used in the message (“DTCY”).
Receiver	8!c	MBSCPNET (MBSD Pool Netting System) will always be the recipient of the MT515 messages.
GENL	This Mandatory Block provides general information regarding the message. It appears only once in a trade contract.	
20C	<p>Sender Message Reference</p> <ul style="list-style-type: none"> SEME// - This mandatory field contains the sender’s message reference number. It is mandatory and must contain a unique number to unambiguously identify each message sent to Pool Netting. (This is a communications message number, not a trade number.) (It is suggested that participants use a number that includes a date followed by either a time stamp or a sequence number. In this way uniqueness can be ensured.) <p>Note: While the SWIFT message accommodates both upper and lower case alphanumeric and certain symbols, for Pool Netting purposes, this field must be populated with an upper case alphanumeric value. It cannot contain symbols or hyphens.</p> <p style="text-align: right;"><i>e.g., :20C::SEME//11012007ABCDEFGF</i></p>	
23G	<p>Function of the Message</p> <p>This mandatory field identifies the function of the message. It will either be a new message (NEWM) or a cancellation of a previous message (CANC):</p> <ul style="list-style-type: none"> NEWM – This qualifier will be used for a Pool Instruct, a Modify, CDR, CDR Release or a DK Message. CANC – This qualifier will be used for a Cancel Message. <p style="text-align: right;"><i>e.g., :23G:NEWM</i></p>	
22F	<p>Trade Transaction Type Indicator (TRTR)</p> <p>Since MBSD Pool Instructs are bilateral cash (buy/sell) transactions, this mandatory field should only contain the value indicated below.</p> <ul style="list-style-type: none"> TRTR/DTCY/CASH - This qualifier/option should be used on all messages to specify that the messages refer to buy/sell Pool Instructs requiring two-sided comparison. <p style="text-align: right;"><i>e.g., :22F::TRTR/DTCY/CASH</i></p>	

2.2 MT515 Pool Netting Input Messages – Field Specifications

Block/Tag	Notes																						
LINK	<p>The LINK Block can be repeated for the various reference qualifiers required on a trade contract. It is intended to provide the required information to identify the trade. Each reference number must be enclosed within a Start Link Block (:16R:LINK) and End Link Block (:16S:LINK). Each LINK repeating subsequence is within the GENL Block. At least one LINK sequence is required on the MT515 message.</p>																						
20C	<p>Reference</p> <p>The Reference Numbers provided by the participant must contain upper case alphanumeric characters, but not symbols or hyphens. As indicated above, each reference number must be enclosed in a LINK Start and End block.</p> <ul style="list-style-type: none"> MAST// - Master Reference Number - This qualifier contains the Participant's External Reference Number, which must be unique for an Instruct record. It is mandatory for an inbound MT515 Instruct message. The following table identifies what is needed for each message type: <table border="1"> <thead> <tr> <th>For message type:</th> <th>The MAST field should be populated with:</th> </tr> </thead> <tbody> <tr> <td>Instruct</td> <td> <ul style="list-style-type: none"> The primary reference number used by participants to track their Instructs in the Pool Netting system. </td> </tr> <tr> <td>CDR, CDR Release, Cancel and Modify</td> <td> <ul style="list-style-type: none"> The participant's current X-ref. </td> </tr> <tr> <td>DK Message</td> <td> <ul style="list-style-type: none"> The value "NONREF," if the DK message targets a Pool Instruct. </td> </tr> </tbody> </table> PREV// - Previous Reference Number - This qualifier is used on Modify and Cancel Messages. <table border="1"> <thead> <tr> <th>For message type:</th> <th>The PREV field should be populated with:</th> </tr> </thead> <tbody> <tr> <td>Modify</td> <td> <ul style="list-style-type: none"> The participant's previous X-ref, if relevant. </td> </tr> <tr> <td>Cancel</td> <td> <ul style="list-style-type: none"> The value "NONREF" for all Cancel records (when :23G:CANC and :22F::PROC/DTCY/CANC are in the Confirmation Details (CONFDET) block). </td> </tr> <tr> <td>Instruct, CDR, CDR Release, and DK Message</td> <td> <ul style="list-style-type: none"> Do not populate this field. It should be left blank. </td> </tr> </tbody> </table> LIST// - Pool Netting Reference Number - This qualifier contains the Pool Identifier (PID) assigned by Pool Netting to a Pool Instruct. <p>The Pool Netting Reference Number (LIST) can be used on CDR, CDR Release, Modify, and Cancel records only — it does not apply to Instruct or DK records targeting a Pool Instruct.</p> <table border="1"> <thead> <tr> <th>For message type</th> <th>This field should be populated with the following:</th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> CDR CDR Release Cancel Modify </td> <td>Participants should populate the (LIST) field with the Pool Netting Reference Number.</td> </tr> <tr> <td>Instruct and DK Messages targeting a Pool Instruct</td> <td>Do not populate this field. It should be left blank.</td> </tr> </tbody> </table> 	For message type:	The MAST field should be populated with:	Instruct	<ul style="list-style-type: none"> The primary reference number used by participants to track their Instructs in the Pool Netting system. 	CDR, CDR Release, Cancel and Modify	<ul style="list-style-type: none"> The participant's current X-ref. 	DK Message	<ul style="list-style-type: none"> The value "NONREF," if the DK message targets a Pool Instruct. 	For message type:	The PREV field should be populated with:	Modify	<ul style="list-style-type: none"> The participant's previous X-ref, if relevant. 	Cancel	<ul style="list-style-type: none"> The value "NONREF" for all Cancel records (when :23G:CANC and :22F::PROC/DTCY/CANC are in the Confirmation Details (CONFDET) block). 	Instruct, CDR, CDR Release, and DK Message	<ul style="list-style-type: none"> Do not populate this field. It should be left blank. 	For message type	This field should be populated with the following:	<ul style="list-style-type: none"> CDR CDR Release Cancel Modify 	Participants should populate the (LIST) field with the Pool Netting Reference Number.	Instruct and DK Messages targeting a Pool Instruct	Do not populate this field. It should be left blank.
For message type:	The MAST field should be populated with:																						
Instruct	<ul style="list-style-type: none"> The primary reference number used by participants to track their Instructs in the Pool Netting system. 																						
CDR, CDR Release, Cancel and Modify	<ul style="list-style-type: none"> The participant's current X-ref. 																						
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Instruct and DK Messages targeting a Pool Instruct	Do not populate this field. It should be left blank.																						

2.2 MT515 Pool Netting Input Messages – Field Specifications

Block/Tag	Notes
	<p>Notes:</p> <ul style="list-style-type: none"> Where it is supplied, the PID will be used by Pool Netting to identify the Pool Instructs, rather than the reference provided in the (MAST) field. While the SWIFT message accommodates both upper and lower case alphanumeric and certain symbols, for MBSD purposes, this field must be populated with an upper case alphanumeric value. It cannot contain symbols or hyphens, except where the reference number is assigned by Pool Netting. <p style="text-align: right;"><i>e.g., :20C::MAST//REF010</i></p>
CONFDET	The mandatory CONFDET (Confirmation Details) block appears only once in a trade contract. It contains Trade and Confirming Party Details.
98C	<p>Trade Date & Time</p> <ul style="list-style-type: none"> TRAD// - This field is used on all Pool Netting input messages to specify the trade date and must be populated with the trade date of the targeted TBA position. <p>Note: The “C” format for this (98) tag indicates a date/time format of “YYYYMMDDHHMMSS”, although the time is not used and may be set to ‘000000’.</p> <p style="text-align: right;"><i>e.g., :98C::TRAD//20011218000000</i></p>
98A	<p>Settlement Date</p> <ul style="list-style-type: none"> SETT// - This field is used on all messages to specify the settlement date. The “A” format for this tag (98) indicates a date format of “YYYYMMDD.” This field must be populated with the full contractual settlement date of the targeted TBA position, using the format mentioned above. <ul style="list-style-type: none"> Pool Netting will reject the message if it contains a settlement date for which the day (“DD”) is left blank, is populated with “00,” or is a day that is not valid for the given year and month. <p style="text-align: right;"><i>e.g., :98A::SETT//20011219</i></p>
90A	<p>Deal Price</p> <p>This field must be reflected on all MT515 messages. It contains the targeted TBA position's Price Type and Price. Only one Tag 90A is allowed per Pool Instruct. The price is expressed as a decimal number in SWIFT Standard format, which is left justified, with commas removed, and a comma used instead of a decimal.</p> <ul style="list-style-type: none"> DEAL//PRCT/ - This qualifier/option is used for dollar prices, expressed as a decimal number. <ul style="list-style-type: none"> This is a Deal Price that does not include commission. <p style="text-align: right;"><i>e.g., :90A::DEAL//PRCT/99,625</i></p>
19A	<p>Settlement Amount</p> <ul style="list-style-type: none"> SETT//USD - This optional field may be used by participants to submit final money on pool inputs based on the factor available in their systems. The Amount is in SWIFT Standard format, which is left justified, with commas removed, and a comma used in lieu of a decimal. The amount is always preceded by a 3-character ISO currency code (“USD” for MBSD pool inputs). <p>Note: The SWIFT format can accommodate a value of 15d in this field.</p> <p style="text-align: right;"><i>e.g., :19A::SETT//USD1000000,</i></p>

2.2 MT515 Pool Netting Input Messages – Field Specifications

Block/Tag	Notes
22H	<p>Trade Type Indicator (BUSE)</p> <p>This field is required on all MT515 messages and has two allowable values:</p> <ul style="list-style-type: none"> • BUSE//BUYI - This qualifier/option indicates that the Pool Instruct submitted is a buy. • BUSE//SELL - This qualifier/option indicates that the Pool Instruct submitted is a sell. <p style="text-align: right;"><i>e.g., :22H::BUSE//BUYI</i></p>
22F	<p>Processing Indicator (PROC)</p> <p>This Processing Indicator enables the participant to indicate to Pool Netting the record type/ command being submitted on an MT515 message.</p> <p>The allowable values for this field are:</p> <ul style="list-style-type: none"> • PROC/DTCY/INST - This qualifier/option indicates that the MT515 is an Instruct record. • PROC/DTCY/CANC - This qualifier/option indicates that the MT515 is a Cancel record. • PROC/DTCY/MDFC - This qualifier/option indicates that the MT515 is a Modify record. • PROC/DTCY/TDDK - This qualifier/option indicates that the MT515 is a DK record. • PROC/DTCY/CDRQ – This qualifier/option indicates that the MT515 is a CDR record. • PROC/DTCY/CDRL – This qualifier/option indicates that the MT515 is a CDR Release record. <p style="text-align: right;"><i>e.g., :22F::PROC/DTCY/INST</i></p>
22H	<p>Payment Indicator (PAYM)</p> <p>This Payment Indicator field is mandatory for the MT515 message. All Pool Instructs submitted to Pool Netting must provide the following qualifier:</p> <ul style="list-style-type: none"> • PAYM//APMT - This qualifier/option indicates that the Pool Instruct will settle against payment. <p style="text-align: right;"><i>e.g., :22H::PAYM//APMT</i></p>
CONFPTY	<p>The Mandatory Confirming Party Block must be repeated for each party to a trade. Each party specified must be enclosed within a Start Party block (:16R:CONFPTY) and an End Party block (:16S:CONFPTY). All MT515 messages should contain two repeating Confirming Party sequences (one buyer and one seller, and one of these parties will also be the submitter of the MT515 message).</p>
95R	<p>Party</p> <ul style="list-style-type: none"> • BUYR/DTCY/PART - specifies the Buying Party on all MT515 messages. • SELL/DTCY/PART - specifies the Selling Party on all MT515 messages. <p>Note: While the SWIFT layout supports a format of 34x for this field, the participant must populate the field with the appropriate 4 character Participant Account ID, for buyer or seller.</p> <p style="text-align: right;"><i>e.g., :95R::BUYR/DTCY/PARTDLRA</i></p>
20C	<p>Contra Transaction Reference (PROC)</p> <p>This field only applies to DK Messages targeting Pool Instructs.</p> <ul style="list-style-type: none"> • PROC// - The DK'ing party should use this field to indicate the contra's PID on DK Messages targeting Pool Instructs. <p style="text-align: right;"><i>e.g., :20C::PROC//7096000247</i></p>

2.2 MT515 Pool Netting Input Messages – Field Specifications

Block/Tag	
36B	<p>Quantity of Securities (CONF)</p> <ul style="list-style-type: none"> CONF//FAMT/ - This field is mandatory, and for the purposes of Pool Netting, must use the option 'FAMT'- indicating face amount (par). Participants must populate this field with the Original Face Value of the Transaction. The quantity of the financial instrument is in SWIFT Standard Format, which is left justified, with commas removed, and one comma used instead of a decimal. <p style="text-align: right;"><i>e.g., :36B::CONF//FAMT/1000000,</i></p>
35B	<p>Identification of Security</p> <p>This mandatory field identifies the security (TBA) involved. US securities are identified by specifying the ISO country identifier ('/US/'), followed by the CUSIP number. This field must contain the TBA CUSIP pertaining to the targeted TBA position.</p> <p>Note: While the SWIFT layout accommodates a format of 4 * 35x, a 9!c (alpha numeric) value should be used to populate the field for the TBA CUSIP.</p> <p style="text-align: right;"><i>e.g., :35B:/US/01F070641</i></p>
FIA	<p>In Pool Netting, this optional block is necessary to identify the pool being submitted against a TBA position.</p>
13B	<p>Number Identification</p> <ul style="list-style-type: none"> POOL/DTCY/ - must be used by the participant to identify the pool number submitted. The pool number will be used in conjunction with the TBA CUSIP to ensure security identifier uniqueness. <p style="text-align: right;"><i>e.g., :13B::POOL/DTCY/123456</i></p>
70E	<p>Trade Instruction Processing Narrative (TPRO)</p> <p>This field (optional for SWIFT, but mandatory for the purposes of MBSD Pool Netting) will be used to support trade-related information not included in the MT515 format. At this point, it will be used to indicate the trade service type, the CDR indicator, the Delivery Date, and a DK reason, where appropriate.</p> <ul style="list-style-type: none"> TPRO//DTCY - denotes Trade Processing narrative information specific to MBSD. The following Trade Service Type must be included on a message: <ul style="list-style-type: none"> /TDSVPOOL- will be used for pool input messages. /CDRY – specifies the pool has a CDR status. Only disclosed on the message destined to the submitter. <p>Note: In the MT515 pool input message, this indicator is designed to only be used on Pool Instruct messages to indicate that this Pool Instruct will have a CDR status. However, if this indicator is included in non-Instruct input messages, the Pool Netting system will NOT reject the input message and will ignore the /CDRY indicator. To request or release the CDR status on an already accepted Instruct, the participant has to explicitly submit the CDR request or CDR Release request.</p> <p>In the MT518 Pool Netting output messages, this indicator is designed to inform the submitter that the underlying Pool Instruct currently has the CDR status applied.</p> /DDTE – specifies the delivery date of the pool. A DK reason must be included on all inbound MT515 DK records. <ul style="list-style-type: none"> /DKRS – specifies the DK reason (on DK Messages only) – for a list of DK reasons, see Appendix A. <p style="text-align: right;"><i>e.g., :70E::TPRO//DTCY/TDSVPOOL</i></p>

2.3 MT515 POOL NETTING INPUT MESSAGES – FIELD ANALYSIS

M/O	Tag	Block/ Qualifier	Subqualifier/ Options	Field Description	INST	CANC	MDFC	TDDK	CDRQ	CDRL
				Message Header						
M				Password	✓	✓	✓	✓	✓	✓
M				Sender	✓	✓	✓	✓	✓	✓
M				Message Type	✓	✓	✓	✓	✓	✓
M				Receiver	✓	✓	✓	✓	✓	✓
M	:16R:	GENL		Block Start						
M	:20C:	:SEME//		Sender's Reference for this Msg	✓	✓	✓	✓	✓	✓
M	:23G:	NEWM		Msg Function = New <i>or</i>	✓		✓	✓	✓	✓
		CANC		Cancel		✓				
M	:22F:	:TRTR/	DTCY/CASH	Cash Buy/Sell Trade Indicator	✓	✓	✓	✓	✓	✓
M	:16R:	LINK		Repeat Block Start						
O	:20C:	:MAST//		Master Reference Number	✓	✓	✓	✓	✓	✓
M	:16S:	LINK		Repeat Block End						
M	:16R:	LINK		Repeat Block Start						
O	:20C:	:PREV//		Previous Reference Number		✓	✓			
M	:16S:	LINK		Repeat Block End						
M	:16R:	LINK		Repeat Block Start						
O	:20C:	:LIST//		Pool Netting Assigned Reference (PID)		✓	✓		✓	✓
M	:16S:	LINK		Repeat Block End						
M	:16S:	GENL		Block End						
M	:16R:	CONFDET		Block Start						
M	:98C:	:TRAD//		Pool Input Date & Time	✓	✓	✓	✓	✓	✓
M	:98A:	:SETT//		Settlement Date	✓	✓	✓	✓	✓	✓
M	:90A:	:DEAL/	/PRCT/	Deal Price – Percentage	✓	✓	✓	✓	✓	✓
O	:19A:	:SETT/	/USD	Settlement Amount	✓	✓	✓	✓	✓	✓
M	:22H:	:BUSE/	/BUYI	Trade Type – Buy <i>or</i>	✓	✓	✓	✓	✓	✓
			/SELL	Sell	✓	✓	✓	✓	✓	✓
O	:22F:	:PROC/	DTCY/INST	Instruct Processing Indicator <i>or</i>	✓					
			DTCY/CANC	Cancel Processing Indicator <i>or</i>		✓				
			DTCY/MDFC	Modify Processing Indicator <i>or</i>			✓			
			DTCY/TDDK	DK Processing Indicator <i>or</i>				✓		

2.3 MT515 POOL NETTING INPUT MESSAGES – FIELD ANALYSIS


M/O	Tag	Block/ Qualifier	Subqualifier/ Options	Field Description	INST	CANC	MDFC	TDDK	CDRQ	CDRL
			DTCY/CDRQ	CDR Request Indicator <i>or</i>					✓	
			DTCY/CDRL	CDR Release Indicator						✓
M	:22H:	:PAYM/	/APMT	Against Payment Indicator	✓	✓	✓	✓	✓	✓
M	:16R:	CONFPRTY		Repeat Block Start						
M	:95R:	:BUYR/	DTCY/PART	Party = Buyer	✓	✓	✓	✓	✓	✓
O	:20C:	:PROC//		Contra Transaction Reference				✓		
M	:16S:	CONFPRTY		Repeat Block End						
M	:16R:	CONFPRTY		Repeat Block Start						
M	:95R:	:SELL/	DTCY/PART	Party = Seller	✓	✓	✓	✓	✓	✓
O	:20C:	:PROC//		Contra Transaction Reference				✓		
M	:16S:	CONFPRTY		Repeat Block End						
M	:36B:	:CONF/	/FAMT/	Quantity as Face Amount – Original Face Value (Par)	✓	✓	✓	✓	✓	✓
M	:35B:	/US/		TBA CUSIP	✓	✓	✓	✓	✓	✓
M	:16R:	FIA		Optional Block Start						
O	:13B:	:POOL/	DTCY/	Pool Number	✓	✓	✓	✓	✓	✓
M	:16S:	FIA		Block End						
O	:70E:	:TPRO/	/DTCY	Trade Instruction Processing Narrative <i>or</i>	✓	✓	✓	✓	✓	✓
			/TDSVPOOL	Trade Service Type-Pool Input for Pool Netting <i>or</i>	✓	✓	✓	✓	✓	✓
			/CDRY	CDR Indicator <i>or</i>	✓					
			/DDTE	Delivery Date <i>or</i>	✓	✓	✓	✓	✓	✓
			/DKRS	DK Reason				✓		
M	:16S:	CONFDET		Block End						

3.1 MT509 Pool Netting Output Messages – General Format

3 MT509 POOL NETTING OUTPUT MESSAGES

This section contains the following sub-sections:

- 3.1 General Format
- 3.2 Field Specifications
- 3.3 Field Analysis

 See Item #2 in Section 1.1 for a description of what the shaded color indicates.

3.1 MT509 Pool Netting Output Messages – General Format

M/O	Tag	Block/Qualifier	Subqualifier/Options	Field Description	Data Field Format
				Message Header	
M				Password	12!c
M				Sender	8!c
M				Message Type	3!n/3!n/4!c
M				Receiver	8!c
M	:16R:	GENL		Block Start	
M	:20C:	:SEME//		Sender's Reference for this Msg.	16x
M	:23G:	INST		Message Function – Pool Instruct <i>or</i>	4!c
		CAST		Cancel	
O	:98C:	:PREP//		Preparation Date/Time	YYYYMMDDHHMMSS
M	:16R:	LINK		Repeat Block Start	
M	:20C:	:MAST//		Master Reference Number (External Reference)	16x
M	:16S:	LINK		Repeat Block End	
M	:16R:	LINK		Repeat Block Start	
O	:20C:	:PREV//		Previous Reference Number	16x
M	:16S:	LINK		Repeat Block End	
M	:16R:	LINK		Repeat Block Start	
O	:20C:	:RELA//		Related Reference Number (Sender's Reference)	16x
M	:16S:	LINK		Repeat Block End	
M	:16R:	LINK		Repeat Block Start	
O	:20C:	:LIST//		Pool Netting Assigned Reference (PID)	16x
M	:16S:	LINK		Repeat Block End	
M	:16R:	LINK		Repeat Block Start	
O	:20C:	:PROG//		Pool Netting Assigned Contra Reference (Contra's PID)	16x
M	:16S:	LINK		Repeat Block End	
M	:16R:	LINK		Repeat Block Start	
O	:20C:	:COMM//		Pool Netting Assigned Compared ID (CID)	16x
M	:16S:	LINK		Repeat Block End	
M	:16R:	STAT		Repeat Block Start	
M	:25D:	:IPRC/	/PACK	Pool Instruct is Acknowledged/Validated <i>or</i>	4!c
			/REJT	Pool Instruct, Modify, DK, CDR, CDR Release is rejected <i>or</i>	
			DTCY/MODA	Modify Accepted <i>or</i>	
			DTCY/MODP	Modify Processed <i>or</i>	

3.1 MT509 Pool Netting Output Messages – General Format

M/O	Tag	Block/Qualifier	Subqualifier/Options	Field Description	Data Field Format
			DTCY/PADK	DK Accepted <i>or</i>	
			DTCY/DPPR	DK Processed <i>or</i>	
			DTCY/PACD	CDR Accepted/Validated <i>or</i>	
			DTCY/PACL	CDR Release Accepted/Validated <i>or</i>	
			DTCY/ASPP	Pending Pool Add Status <i>or</i>	
			DTCY/RVPP	Pending Pool Add Status Removed <i>or</i>	
			DTCY/DELE	Deleted Unmatched Transaction <i>or</i>	
			DTCY/DEPE	Deleted Due to Pending <i>or</i>	
			DTCY/DEIP	Deleted Due to Insufficient TBA Position <i>or</i>	
			DTCY/DEPS	Deleted Due to Fully Paid-Down Security <i>or</i>	
			DTCY/DESA	Deleted Due To System Action <i>or</i>	
			DTCY/NBTD	Trade Bound to Net <i>or</i>	
			DTCY/NNCT	Trade Not Netted <i>or</i>	
			DTCY/NECT	Trade in Net <i>or</i>	
			DTCY/NECV	Non-Net Pool Instruct Converted	
			DTCY/PDCV	STIP Pool Instruct Converted	
		:CPRC/	/PACK	Cancel Accepted <i>or</i>	
			/REJT	Cancel Rejected <i>or</i>	
			/CAND	Cancel Processed <i>or</i>	
		:MTCH/	/MACH	Pool Instruct has been Matched <i>or</i>	
			/NMAT	Pool Instruct has been Unmatched	
M	:16R:	REAS		Repeat Block Start	
M	:24B:	:REJT/	DTCY/	Reject Reason Code (see Appendix A) <i>or</i>	4!c
		:NMAT/	/CPCA	Unmatched due to the counterparty has cancelled its instruction.	4!c
O	:70D:	:REAS/	/DTCY	Reject Reason Narrative <i>or</i>	(6*35x)
			/MDRJ	Modify Rejected <i>or</i>	4!c
			/DKRJ	DK Rejected <i>or</i>	
			/CQRJ	CDR Rejected <i>or</i>	
			/CLRJ	CDR Release Rejected	
M	:16S:	REAS		Repeat Block End	
M	:16S:	STAT		Repeat Block End	
M	:16S:	GENL		Block End	

3.2 MT509 Pool Netting Output – Field Specifications

Block/Tag	Notes
Message Header	Each message must contain a message header. All header fields are mandatory fixed format with trailing blanks, where required.
Password	12!c Password fields will be blank filled on MT509 messages.
Sender	8!c MBSCPNET (MBSD Pool Netting System) will always be the sender of the MT509 matching-related messages.
Message Type	3!n/3!n/4!c The first three characters indicate to the recipient the message type (509); the second three positions reflect the version of the message interface (currently always 000). The last four characters indicate the issuer code to be used in the message (“DTCY”).
Receiver	8!c MBSD account number of the participant receiving the message.
GENL	This Mandatory Block provides general information regarding the message. It appears only once in a Status Message.
20C	<p>Sender Message Reference</p> <p>SEME// - This mandatory field contains the sender’s (Pool Netting) message reference number. It is used on all messages sent by Pool Netting and will contain a unique number to unambiguously identify each message. (This is a communications message number, not a trade number.)</p> <p>Note: While the SWIFT message accommodates both upper and lower case alphanumeric and certain symbols, for Pool Netting purposes, this field will be populated with an upper case alphanumeric value. It will not contain symbols or hyphens.</p> <p style="text-align: right;"><i>e.g., :20C::SEME//110107090000000</i></p>
23G	<p>Function of the Message</p> <p>This mandatory field is used on all messages to identify the function of the message. It will either reflect the status of a new message (INST) or the status of the cancellation of a previous message (CAST).</p> <ul style="list-style-type: none"> • INST - This qualifier will be used on the following MT509 messages: <ul style="list-style-type: none"> – all MT509 transaction/trade status messages referring to previously submitted Pool Instructs, Modifies, CDRs, CDR Releases or DKs; – all MT509 Reject Messages where the MT515 was rejected for being non-SWIFT compliant, even where the original message may have been a Cancel; – all messages containing a matching status; – all Deleted Messages; and – all status messages as pending status assigned or removed, trade bound to net, trade in net, or trade not netted. • CAST - The CAST qualifier will be used for MT509 trade status messages referring to previously submitted Cancels. <p style="text-align: right;"><i>e.g., :23G:INST</i></p>
98C	<p>Preparation Date and Time</p> <ul style="list-style-type: none"> • PREP// - This field will be reflected on all MT509 messages to indicate the date and time the message was prepared by Pool Netting. <p>Note: The “C” format for this (98) tag indicates a date/time format of “YYYYMMDDHHMMSS.”</p> <p style="text-align: right;"><i>e.g., :98C::PREP//20011218111914</i></p>

3.2 MT509 Pool Netting Output – Field Specifications

Block/Tag	Notes
LINK	<p>The LINK Block will be repeated for as many reference qualifiers as need to be included in a Trade Status Message. Each subsequence contains reference numbers to identify the transaction or trade for which the status is being reported. Each reference number will be enclosed within a Start Link Block (:16R:LINK) and End Link Block (:16S:LINK). All LINK repeating subsequences are within the GENL Block.</p>
20C	<p>Reference</p> <p>The Reference Numbers that have been provided by participants must contain upper case alphanumeric characters, but not symbols. As indicated above, each reference number will be enclosed in a LINK Start and End Block.</p> <ul style="list-style-type: none"> • MAST// - Master Reference Number - This qualifier will always be populated with the Participant's External Reference Number (x-ref). This field may not be populated on MT509's under the following circumstances: <ul style="list-style-type: none"> - A MT515 DK Message targeting a Comparison Request - Any MT515 message that was rejected for being non-SWIFT compliant. • PREV// - Previous Reference Number – <ul style="list-style-type: none"> - This qualifier is used only on records where the participant modifies the External Reference Number. On those records, the PREV field will reflect the submitter's previous External Reference Number. • RELA// - MT515 Sender's Message Reference Number - This qualifier will contain the Sender's Message Reference Number (20C::SEME//) from the MT515 submitted by the participant. It will only appear on those MT509 messages that are acknowledgements of receipt or rejections of MT515 messages. This will be the only 20C qualifier in the LINK block where an MT509 Reject Message is being created for a non-SWIFT compliant MT515. • LIST// - Pool Netting Assigned Reference Number – This qualifier contains the Pool Netting Assigned Reference Number. It will appear on all MT509s, when it relates to your Pool Instructs. The Pool Netting Reference Number represents a PID. • PROG// - Pool Netting Assigned Contra Reference - This field specifies the contra's Pool Netting assigned reference number (PID). It is reflected on MT509 messages where the receiving participant has DK'ed a Comparison Request submitted against it as well as on all the :25D::MTCH//MACH records. • COMM// - Pool Netting Assigned Compared ID (CID) – This field specifies the participant's Pool Netting Assigned Compared ID at the time of match. This qualifier will appear on MT509s for all matched records in order to enable participants to link the Pool Netting Assigned PID to the Pool Netting Assigned Compared ID (CID). <p>Note: While the SWIFT message accommodates both upper and lower case alphanumeric and certain symbols, for MBS purposes, this reference field will be populated with an upper case alphanumeric value. It will not contain symbols or hyphens, except where the reference number has been assigned by Pool Netting.</p> <p style="text-align: right;"><i>e.g., :20C::MAST//PARTREF1</i></p>
STATUS	<p>The Status Block will appear on every MT509 message and will notify the participant of the type of MT509 record being sent, as well as the status of the transaction or trade that was submitted to Pool Netting.</p>
	<p>Status Code</p> <p>The Status Code indicates the record type/type of status message being sent by Pool Netting. The following are the various message types which will be used for</p>

3.2 MT509 Pool Netting Output – Field Specifications

Block/Tag	Notes
	<p>Interactive Messaging to support real-time comparison.</p> <ul style="list-style-type: none"> • IPRC//PACK - This qualifier/option is used to indicate that a Pool Instruct Message has been accepted by Pool Netting. • IPRC//REJT - This qualifier/option is used to indicate that a Pool Instruct, a Modify, a CDR, a CDR Release or a DK Message has been rejected by Pool Netting. Field 70D in the REAS block will be populated as follows: <ul style="list-style-type: none"> – :70D::REAS//DTCY/MDRJ to indicate that a Modify record has been rejected; – :70D::REAS//DTCY/DKRJ to indicate that a DK record has been rejected; – :70D::REAS//DTCY/CQRJ to indicate that a CDR record has been rejected; or – :70D::REAS//DTCY/CLRJ to indicate that a CDR Release record has been rejected. <p>The IPRC//REJT qualifier will be used in all instances where an incoming MT515 message is rejected for being non-SWIFT compliant (:24B::REJT/DTCY/F999).</p> • IPRC/DTCY/MODA - This qualifier/option is used to indicate to the submitter that a Modify record has been accepted. • IPRC/DTCY/MODP - This qualifier/option is used to indicate to the submitter that a Modify record has been processed. • IPRC/DTCY/PADK - This qualifier/option is used to indicate to the submitter that a DK record has been accepted. • IPRC/DTCY/DPPR - This qualifier/option is used to indicate to the submitter that a DK record has been processed. • IPRC/DTCY/PACD - This qualifier/option is used to indicate to the submitter that a CDR message has been accepted and processed. • IPRC/DTCY/PACL - This qualifier/option is used to indicate to the submitter that a CDR Release message has been accepted and processed. • IPRC/DTCY/ASPP - This qualifier/option is used to indicate to the submitter that an Instruct submitted to Pool Netting has been applied with a Pending Pool Add Status and is not available for Pool Netting. • IPRC/DTCY/RVPP - This qualifier/option is used to indicate to the submitter that an Instruct previously assigned a Pending Pool Add Status by Pool Netting has had the Pending Pool Add Status removed. • IPRC/DTCY/DELE - This qualifier/option is used to indicate to the submitter that a transaction that was pending comparison has been deleted by Pool Netting (now only used where an unmatched Pool Instruct is deleted from the system just prior to netting). • IPRC/DTCY/DEPE - This qualifier/option is used to indicate to the submitter that a transaction has been deleted by Pool Netting due to pending status (only used where matched Pool Instructs with pending status are deleted from the system just prior to netting). • IPRC/DTCY/DEIP - This qualifier/option is used to indicate to the submitter that a transaction has been deleted by Pool Netting due to insufficient open TBA position (only used where matched Pool Instructs are deleted from the system

3.2 MT509 Pool Netting Output – Field Specifications

Block/Tag	Notes
	<p>either intraday or just prior to netting).</p> <ul style="list-style-type: none"> • IPRC/DTCY/DEPS - This qualifier/option is used to indicate to the submitter that a transaction has been deleted by Pool Netting due to the fact that the Pool Number specified has been fully paid-down, i.e., the pool number has a factor of 0 (only used where matched Pool Instructs are deleted from the system either intraday or just prior to netting). • IPRC/DTCY/DESA - This qualifier/option is used to indicate to the submitter that a transaction has been deleted by Pool Netting due to system-forced actions. (For example, a change to the security master record changes the validity of the pool for the TBA position.) • IPRC/DTCY/NBTD - This qualifier/option is used to indicate to the submitter that Pool Netting is intending to Net the Instruct. • IPRC/DTCY/NNCT - This qualifier/option is used to indicate to the submitter that the Pool Instruct has been determined as NOT Nettable and will settle outside MBSD. This is not applicable to novation-eligible TBA CUSIPs. • IPRC/DTCY/NECT - This qualifier/option is used to indicate to the submitter that the Pool Instruct has been Netted. • IPRC/DTCY/NECV - This qualifier/option is used to indicate to the submitter that the Pool Instruct targeting a generic TBA trade was not netting eligible and therefore converted to a pool obligation. • IPRC/DTCY/PDCV - This qualifier/option is used to indicate to the submitter that the Pool Instruct targeting a STIP trade was converted to a pool obligation. • CPRC//PACK - This qualifier/option is used to indicate to the submitter that a Cancel record has been accepted by Pool Netting. • CPRC//REJT - This qualifier/option is used to indicate to the submitter that a Cancel submitted to Pool Netting has been rejected. • CPRC//CAND - This qualifier/option is used to indicate that a Cancel has been processed. This record will be sent when Pool Netting has processed a Cancel submitted by a participant. • MTCH//MACH - This record will be generated for every Pool Instruct that matches. • MTCH//NMAT - This record will be generated for every Pool Instruct that becomes unmatched after its match event. <p style="text-align: right;"><i>e.g., :25D::IPRC//PACK</i></p>
REASON	<p>The Reason Block will only appear on MT509 messages where an MT515 message submitted by the participant has been rejected by Pool Netting or has become unmatched due to the contra's cancellation. Each Reason Code must be enclosed within a Start Reason (:16R:REAS) and End Reason (:16S:REAS) Block.</p>
24B	<p>Reason Code</p> <p>This field is mandatory in the block and will appear on all Reject Messages and Unmatched Messages. There can be multiple Reason Codes on any MT509 Reject Message; each Reason Code must be enclosed within a Start Reason (:16R:REAS)</p>

3.2 MT509 Pool Netting Output – Field Specifications

Block/Tag	Notes
	<p>and End Reason (:16S:REAS) Block. The Reason Code will be populated with the following values:</p> <ul style="list-style-type: none"> • REJT/DTCY/ - this qualifier will be reflected on all messages to indicate to the participant that the MT515 it submitted was rejected by Pool Netting. • NMAT//CPCA – this qualifier/reason code will be reflected on all messages to indicate to the participant that the Instruct it submitted became unmatched as a result of the contra canceling its Instruct <p>Note: As the list of error codes can be expanded in the future, the list will be amended, without modifying the entire specification. Please see Appendix A, which details all error conditions (and associated codes) that would result in the rejection of a participant MT515 message.</p> <p style="text-align: right;"><i>e.g., :24B::REJT/DTCY/E004 :24B::NMAT//CPCA</i></p>
70D	<p>Reason Narrative (REAS)</p> <ul style="list-style-type: none"> • REAS//DTCY - The reason narrative field can contain narrative on those MT509 Reject Messages created in response to receiving a non-SWIFT compliant MT515, or can contain one of the following qualifiers: • /MDRJ - this qualifier will be included on an MT509 Modify Rejected Message when an MT515 Modify Message has been rejected by Pool Netting. • /DKRJ - this qualifier will be included on an MT509 DK Rejected Message when an MT515 DK Message has been rejected by Pool Netting. • /CQRJ – this qualifier will be included on an MT509 CDR Rejected Message when an MT515 CDR message has been rejected by Pool Netting. • /CLRJ - this qualifier will be included on an MT509 CDR Release Rejected Message when an MT515 CDR Release message has been rejected by Pool Netting. <p>Note: This narrative field will appear in the first repeating REAS sequence.</p> <p style="text-align: right;"><i>e.g., :70D::REAS//DTCY/MDRJ</i></p>

3.3.1 - MT509 POOL NETTING OUTPUT FIELD ANALYSIS – PART 1 OF 3
(25D = IPRC)

SWIFT MT509 LAYOUT					MT509 Records									
M/O	Tag	Block / Qualifier	Subqualifier	Field Description	IPRC// PACK	IPRC// REJT (*)	IPRC/ DTCY/ MODA	IPRC/ DTCY/ MODP	IPRC/ DTCY/ PADK	IPRC/ DTCY/ DPPR	IPRC/ DTCY/ PACD	IPRC/ DTCY/ PACL	IPRC/ DTCY/ ASPP	IPRC/ DTCY/ RVPP
				Message Header										
M				Password	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M				Sender	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M				Message Type	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M				Receiver	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M	:16R:	GENL		Block Start										
M	:20C:	:SEME//		Sender's Reference for this message	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M	:23G:	INST		Message Function- Instruct or	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		CAST		Cancel										
O	:98C:	:PREP//		Preparation Date/Time	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M	:16R:	LINK		Repeat Block Start										
M	:20C:	:MAST//		Master Reference No	✓	✓	✓	✓			✓	✓	✓	✓
M	:16S:	LINK		Repeat Block End										
M	:16R:	LINK		Repeat Block Start										
O	:20C:	:PREV//		Previous Reference No		✓	✓	✓						
M	:16S:	LINK		Repeat Block End										
M	:16R:	LINK		Repeat Block Start										
O	:20C:	:RELA//		Related Reference No (MT515 sender's ref)	✓	✓	✓		✓		✓	✓		
M	:16S:	LINK		Repeat Block End										
M	:16R:	LINK		Repeat Block Start										
O	:20C:	:LIST//		Pool Netting Assigned Reference	✓	✓	✓	✓			✓	✓	✓	✓
M	:16S:	LINK		Repeat Block End										
M	:16R:	LINK		Repeat Block Start										
O	:20C:	:PROG//		Pool Netting Assigned Contra Reference		✓			✓	✓				

3.3.1 - MT509 POOL NETTING OUTPUT FIELD ANALYSIS – PART 1 OF 3
(25D = IPRC)

SWIFT MT509 LAYOUT					MT509 Records									
M/O	Tag	Block / Qualifier	Subqualifier	Field Description	IPRC// PACK	IPRC// REJT (*)	IPRC/ DTCY/ MODA	IPRC/ DTCY/ MODP	IPRC/ DTCY/ PADK	IPRC/ DTCY/ DPPR	IPRC/ DTCY/ PACD	IPRC/ DTCY/ PACL	IPRC/ DTCY/ ASPP	IPRC/ DTCY/ RVPP
M	:16S:	LINK		Repeat Block End										
M	:16R:	LINK		Repeat Block Start										
O	:20C:	:COMM//		Pool Netting Assigned Compared ID			✓	✓			✓	✓	✓	✓
M	:16S:	LINK		Repeat Block End										
M	:16R:	STAT		Repeat Block Start										
M	:25D:	:IPRC/	/PACK	Pool Instruct is acknowledged/ validated <i>or</i>	✓									
			/REJT	Pool Instruct, Modify, DK, CDR, or CDR Release is rejected <i>or</i>		✓								
			DTCY/MODA	Modify Accepted <i>or</i>			✓							
			DTCY/MODP	Modify Processed <i>or</i>				✓						
			DTCY/PADK	DK Accepted <i>or</i>					✓					
			DTCY/DPPR	DK Processed <i>or</i>						✓				
			DTCY/PACD	CDR Accepted/Validated <i>or</i>							✓			
			DTCY/PACL	CDR Release Accepted/Validated <i>or</i>								✓		
			DTCY/ASPP	Pending Pool Add Assigned <i>or</i>									✓	
			DTCY/RVPP	Pending Pool Add Removed <i>or</i>										✓
			DTCY/DELE	Deleted Uncompared Transaction <i>or</i>										
			DTCY/DEPE	Deleted Pending Transaction <i>or</i>										
			DTCY/DEIP	Deleted Due to Insufficient Position										
			DTCY/DEPS	Deleted Due to Fully Paid-Down Security <i>or</i>										
			DTCY/DESA	Deleted Due to System Action <i>or</i>										
			DTCY/NBTD	Trade Bound to Net <i>or</i>										

3.3.1 - MT509 POOL NETTING OUTPUT FIELD ANALYSIS – PART 1 OF 3
(25D = IPRC)

SWIFT MT509 LAYOUT					MT509 Records									
M/O	Tag	Block / Qualifier	Subqualifier	Field Description	IPRC//PACK	IPRC//REJT (*)	IPRC//DTCY/MODA	IPRC//DTCY/MODP	IPRC//DTCY/PADK	IPRC//DTCY/DPPR	IPRC//DTCY/PACD	IPRC//DTCY/PACL	IPRC//DTCY/ASPP	IPRC//DTCY/RVPP
			DTCY/NNCT	Trade Not Netted <i>or</i>										
			DTCY/NECT	Trade in Net <i>or</i>										
			DTCY/NECV	Non-Net PID Converted										
			DTCY/PDCV	STIP PID Converted										
		:CPRC/	/PACK	Cancel Accepted <i>or</i>										
			/REJT	Cancel Rejected <i>or</i>										
			/CAND	Cancel Processed										
		:MTCH/	/MACH	Trade Has Been Matched <i>or</i>										
			/NMAT	Trade has been Unmatched										
M	:16R:	REAS		Optional Repeat Block Start										
M	:24B:	:REJT/	DTCY/	Reject Reason Code <i>or</i>		✓								
		:NMAT/	/CPCA	Unmatched due to the contra's cancellation										
O	:70D:	:REAS/	/DTCY	Reject Reason Narrative <i>or</i>		✓								
			/MDRJ	Modify Rejected <i>or</i>		✓								
			/DKRJ	DK Rejected <i>or</i>		✓								
			/CQRJ	CDR Rejected <i>or</i>		✓								
			/CLRJ	CDR Release Rejected		✓								
M	:16S:	REAS		Repeat Block End										
M	:16S:	STAT		Repeat Block End										
M	:16S:	GENL		Block End										

(*) The following 5 records are covered within the column labeled IPRC//REJT:

1. Pool instruct Rejected Messages
2. Modify Rejected Messages
3. DK Rejected Messages
4. CDR Rejected Messages
5. CDR Release Rejected Messages

3.3.2 - MT509 POOL NETTING OUTPUT FIELD ANALYSIS – PART 2 OF 3
(25D = IPRC)

SWIFT MT509 LAYOUT					MT509 Records									
M/O	Tag	Block/ Qualifier	Subqualifier	Field Description	IPRC/ DTCY/ DELE	IPRC/ DTCY/ DEPE	IPRC/ DTCY/ DEIP	IPRC/ DTCY/ DEPS	IPRC/ DTCY/ DESA	IPRC/ DTCY/ NBTD	IPRC/ DTCY/ NNCT	IPRC/ DTCY/ NECT	IPRC/ DTCY/ NECV	IPRC/ DTCY/ PDCV
				Message Header										
M				Password	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M				Sender	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M				Message Type	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M				Receiver	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M	:16R:	GENL		Block Start										
M	:20C:	:SEME//		Sender's Reference for this message	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M	:23G:	INST		Message Function- Instruct or	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		CAST		Cancel										
O	:98C:	:PREP//		Preparation Date/Time	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M	:16R:	LINK		Repeat Block Start										
M	:20C:	:MAST//		Master Reference No.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M	:16S:	LINK		Repeat Block End										
M	:16R:	LINK		Repeat Block Start										
O	:20C:	:PREV//		Previous Reference No.										
M	:16S:	LINK		Repeat Block End										
M	:16R:	LINK		Repeat Block Start										
O	:20C:	:RELA//		Related Reference No. (MT515 sender's ref)										
M	:16S:	LINK		Repeat Block End										
M	:16R:	LINK		Repeat Block Start										
O	:20C:	:LIST//		Pool Netting Assigned Reference	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M	:16S:	LINK		Repeat Block End										
M	:16R:	LINK		Repeat Block Start										
	:20C:	:PROG//		Pool Netting Assigned Contra Reference										
M	:16S:	LINK		Repeat Block End										
M	:16R:	LINK		Repeat Block Start										
O	:20C:	:COMM//		Pool Netting Assigned Compared ID		✓	✓	✓	✓	✓	✓	✓	✓	✓

3.3.2 - MT509 POOL NETTING OUTPUT FIELD ANALYSIS – PART 2 OF 3
(25D = IPRC)

SWIFT MT509 LAYOUT					MT509 Records									
M/O	Tag	Block/Qualifier	Subqualifier	Field Description	IPRC/DTCY/DELE	IPRC/DTCY/DEPE	IPRC/DTCY/DEIP	IPRC/DTCY/DEPS	IPRC/DTCY/DESA	IPRC/DTCY/NBTD	IPRC/DTCY/NNCT	IPRC/DTCY/NECT	IPRC/DTCY/NECV	IPRC/DTCY/PDCV
M	:16S:	LINK		Repeat Block End										
M	:16R:	STAT		Repeat Block Start										
M	:25D:	:IPRC/	/PACK	Pool Instruct is acknowledged/ validated or										
			/REJT	Pool Instruct, Modify, DK, CDR, or CDR Release is rejected or										
			DTCY/MODA	Modify Accepted or										
			DTCY/MODP	Modify Processed or										
			DTCY/PADK	DK Accepted or										
			DTCY/DPPR	DK Processed or										
			DTCY/PACD	CDR Accepted/Validated or										
			DTCY/PACL	CDR Release Accepted/Validated or										
			DTCY/ASPP	Pending Pool Add Assigned or										
			DTCY/RVPP	Pending Pool Add Removed or										
			DTCY/DELE	Deleted Uncompared Transaction or	✓									
			DTCY/DEPE	Deleted Pending Transaction or		✓								
			DTCY/DEIP	Deleted Due to Insufficient Position or			✓							
			DTCY/DEPS	Deleted Due to Fully Paid-Down Security or				✓						
			DTCY/DESA	Deleted Due to System Action or					✓					
			DTCY/NBTD	Trade Bound to Net or						✓				
			DTCY/NNCT	Trade Not Netted or							✓			
			DTCY/NECT	Trade In Net or								✓		
			DTCY/NECV	Non-Net Pool Instruct Converted									✓	
			DTCY/PDCV	STIP Pool Instruct Converted										✓
		:CPRC/	/PACK	Cancel Accepted or										
			/REJT	Cancel Rejected or										
			/CAND	Cancel Processed										
		:MTCH/	/MACH	Trade Has Been Matched or										
			/NMAT	Trade has been Unmatched										
M	:16R:	REAS		Optional Repeat Block Start										

3.3.2 - MT509 POOL NETTING OUTPUT FIELD ANALYSIS – PART 2 OF 3
(25D = IPRC)

SWIFT MT509 LAYOUT					MT509 Records									
M/O	Tag	Block/ Qualifier	Subqualifier	Field Description	IPRC/ DTCY/ DELE	IPRC/ DTCY/ DEPE	IPRC/ DTCY/ DEIP	IPRC/ DTCY/ DEPS	IPRC/ DTCY/ DESA	IPRC/ DTCY/ NBDT	IPRC/ DTCY/ NNCT	IPRC/ DTCY/ NECT	IPRC/ DTCY/ NECV	IPRC/ DTCY/ PDCV
M	:24B:	:REJT/	DTCY/	Reject Reason Code <i>or</i>										
		:NMAT/	/CPCA	Unmatched due to the contra's cancellation										
O	:70D:	:REAS/	/DTCY	Reject Reason Narrative <i>or</i>										
			/MDRJ	Modify Rejected <i>or</i>										
			/DKRJ	DK Rejected <i>or</i>										
			/CQRJ	CDR Rejected <i>or</i>										
			/CLRJ	CDR Release Rejected										
M	:16S:	REAS		Repeat Block End										
M	:16S:	STAT		Repeat Block End										
M	:16S:	GENL		Block End										

3.3.2 - MT509 POOL NETTING OUTPUT FIELD ANALYSIS – PART 3 OF 3
(25D = CPCR OR MTCH)

SWIFT MT509 LAYOUT					MT509 Records				
M/O	Tag	Block/ Qualifier	Subqualifier	Field Description	CPCR//PACK	CPCR//REJT	CPCR//CAND	MTCH//MACH	MTCH//NMAT
				Message Header					
M				Password	✓	✓	✓	✓	✓
M				Sender	✓	✓	✓	✓	✓
M				Message Type	✓	✓	✓	✓	✓
M				Receiver	✓	✓	✓	✓	✓
M	:16R:	GENL		Block Start					
M	:20C:	:SEME//		Sender's Reference for this message	✓	✓	✓	✓	✓
M	:23G:	INST		Message Function- Instruct <i>or</i>				✓	✓
		CAST		Cancel	✓	✓	✓		
O	:98C:	:PREP//		Preparation Date/Time	✓	✓	✓	✓	✓
M	:16R:	LINK		Repeat Block Start					
M	:20C:	:MAST//		Master Reference No	✓	✓	✓	✓	✓
M	:16S:	LINK		Repeat Block End					
M	:16R:	LINK		Repeat Block Start					
O	:20C:	:PREV//		Previous Reference No					
M	:16S:	LINK		Repeat Block End					
M	:16R:	LINK		Repeat Block Start					
O	:20C:	:RELA//		Related Reference No (MT515 sender's ref)	✓	✓			
M	:16S:	LINK		Repeat Block End					
M	:16R:	LINK		Repeat Block Start					
O	:20C:	:LIST//		Pool Netting Assigned Reference	✓	✓	✓	✓	✓
M	:16S:	LINK		Repeat Block End					
M	:16R:	LINK		Repeat Block Start					
O	:20C:	:PROG//		Pool Netting Assigned Contra Reference				✓	
M	:16S:	LINK		Repeat Block End					
M	:16R:	LINK		Repeat Block Start					
O	:20C:	: COMM//		Compared ID	✓	✓	✓	✓	
M	:16S:	LINK		Repeat Block End					

3.3.2 - MT509 POOL NETTING OUTPUT FIELD ANALYSIS – PART 3 OF 3
(25D = CPRC OR MTCH)

SWIFT MT509 LAYOUT					MT509 Records				
M/O	Tag	Block/ Qualifier	Subqualifier	Field Description	CPRC//PACK	CPRC//REJT	CPRC//CAND	MTCH//MACH	MTCH//NMAT
M	:16R:	STAT		Repeat Block Start					
M	:25D:	:IPRC/	/PACK	Pool Instruct is acknowledged/ validated <i>or</i>					
			/REJT	Pool Instruct, Modify, DK, CDR, or CDR Release is rejected <i>or</i>					
			DTCY/MODA	Modify Accepted <i>or</i>					
			DTCY/MODP	Modify Processed <i>or</i>					
			DTCY/PADK	DK Accepted <i>or</i>					
			DTCY/DPPR	DK Processed <i>or</i>					
			DTCY/PACD	CDR Accepted/Validated <i>or</i>					
			DTCY/PACL	CDR Release Accepted/Validated <i>or</i>					
			DTCY/ASPP	Pending Pool Add Assigned <i>or</i>					
			DTCY/RVPP	Pending Pool Add Removed <i>or</i>					
			DTCY/DELE	Deleted Uncompared Transaction <i>or</i>					
			DTCY/DEPE	Deleted Pending Transaction <i>or</i>					
			DTCY/DEIP	Deleted Due to Insufficient Position <i>or</i>					
			DTCY/DEPS	Deleted Due to Fully Paid-Down Security <i>or</i>					
			DTCY/DESA	Deleted Due to System Action <i>or</i>					
			DTCY/NBTD	Trade Bound to Net <i>or</i>					
			DTCY/NNCT	Trade Not Netted <i>or</i>					
			DTCY/NECT	Trade In Net <i>or</i>					
			DTCY/NECV	Non-Net Pool Instruct Converted					
			DTCY/PDCV	STIP Pool Instruct Converted					
		:CPRC/	/PACK	Cancel Accepted <i>or</i>	✓				
			/REJT	Cancel Rejected <i>or</i>		✓			
			/CAND	Cancel Processed			✓		
		:MTCH/	/MACH	Trade Has Been Matched <i>or</i>				✓	
			/NMAT	Trade Has been Unmatched					✓
M	:16R:	REAS		Optional Repeat Block Start					
M	:24B:	:REJT/	DTCY/	Reject Reason Code		✓			
		:NMAT/	/CPCA	Unmatched due to the contra's cancellation					✓
O	:70D:	:REAS/	/DTCY	Reject Reason Narrative <i>or</i>		✓			


3.3.2 - MT509 POOL NETTING OUTPUT FIELD ANALYSIS – PART 3 OF 3
(25D = CPRC OR MTCH)

SWIFT MT509 LAYOUT					MT509 Records				
M/O	Tag	Block/ Qualifier	Subqualifier	Field Description	CPRC//PACK	CPRC//REJT	CPRC//CAND	MTCH//MACH	MTCH//NMAT
			/MDRJ	Modify Rejected <i>or</i>					
			/DKRJ	DK Rejected <i>or</i>					
			/CQRJ	CDR Rejected <i>or</i>					
			/CLRJ	CDR Release Rejected					
M	:16S:	REAS		Repeat Block End					
M	:16S:	STAT		Repeat Block End					
M	:16S:	GENL		Block End					

4 MT518 POOL NETTING OUTPUT MESSAGES

This section contains the following sub-sections:

- 4.1 General Format
- 4.2 Field Specifications
- 4.3 Field Analysis

 See Item #2 in Section 1.1 for a description of what the shaded color indicates.

4.1 MT518 Pool Netting Output Messages – General Format

M/O	Tag	Block/Qualifier	Subqualifier/Options	Field Description	Data Field Format
				Message Header	
M				Password	12!c
M				Sender	8!c
M				Message Type	3!n/3!n/4!c
M				Receiver	8!c
M	:16R:	GENL		Mandatory Block Start	
M	:20C:	:SEME//		Sender's Reference for this Msg	16x
M	:23G:	NEWM		Msg Function = New Instruct <i>or</i>	4!c
		CANC		Cancel	
O	:98C:	:PREP//		Preparation Date/Time	YYYYMMDDHHMMSS
M	:22F:	:TRTR/	DTCY/CASH	Cash Buy/Sell Trade Indicator	4!c
M	:16R:	LINK		Repeat Block Start	
O	:20C:	:MAST//		Master Reference Number (External Reference)	16x
M	:16S:	LINK		Repeat Block End	
M	:16R:	LINK		Repeat Block Start	
O	:20C:	:PREV//		Previous Reference Number	16x
M	:16S:	LINK		Repeat Block End	
M	:16R:	LINK		Repeat Block Start	
O	:20C:	:LIST//		Pool Netting Assigned Reference (PID)	16x
M	:16S:	LINK		Repeat Block End	
M	:16R:	LINK		Repeat Block Start	
O	:20C:	:COMM		Pool Netting Assigned Compared ID (CID)	16x
M	:16S:	LINK		Repeat Block End	
M	:16S:	GENL		Block End	
M	:16R:	CONFDET		Block Start	
M	:98C:	:TRAD//		Pool Instruct Date & Time	YYYYMMDDHHMMSS
M	:98A:	:SETT//		Settlement Date	YYYYMMDD
M	:90A:	:DEAL/	/PRCT/	Deal Price – Percentage	15d
O	:19A:	:SETT/	/USD	Settlement Amount	15d
M	:22H:	:BUSE/	/BUYI	Trade Type – Buy <i>or</i>	4!c
			/SELL	Sell	
O	:22F:	:PROC/	DTCY/CMRP	Comparison Request <i>or</i>	4!c
			DTCY/CRQM	Comparison Request Modify <i>or</i>	
			DTCY/CADV	Comparison Request Cancel <i>or</i>	

4.1 MT518 Pool Netting Output Messages – General Format

M/O	Tag	Block/Qualifier	Subqualifier/Options	Field Description	Data Field Format
			DTCY/NAFI	DK Advice <i>or</i>	
			DTCY/DCCX	DK Remove Advice <i>or</i>	
			DTCY/SITR	Screen Input Replay <i>or</i>	
			DTCY/MDAD	Post Comparison Modification Advice <i>or</i>	
			DTCY/CMPM	Pool Instruct Matched with Modifications <i>or</i>	
			DTCY/DFVA	Default Values Applied <i>or</i>	
			DTCY/YTPR	Repricing	
M	:22H:	:PAYM/	/APMT	Against Payment Indicator	4!c
M	:16R:	CONFPRTY		Repeat Block Start	
M	:95R:	:BUYR/	DTCY/PART	Party = Buyer	34x
O	:20C:	:PROC//		Pool Netting Assigned Contra Reference (Contra's PID)	16x
M	:16S:	CONFPRTY		Repeat Block End	
M	:16R:	CONFPRTY		Repeat Block Start	
M	:95R:	:SELL/	DTCY/PART	Party = Seller	34x
O	:20C:	:PROC//		Pool Netting Assigned Contra Reference (Contra's PID)	16x
M	:16S:	CONFPRTY		Repeat Block End	
M	:36B:	:CONF/	/FAMT/	Quantity as Face Amount- Original Face Value (Par)	15d
M	:35B:	/US/		TBA CUSIP	9!c (4 * 35x)
M	:16R:	FIA		Block Start	
O	:13B:	:POOL/	DTCY/	Pool Number	9x
M	:16S:	FIA		Block End	
O	:70E:	:TPRO/	/DTCY	Trade Instruction Processing Narrative	10*35x
			/TDSVPOOL	Trade Service Type – Pool Instruct for Pool Netting <i>or</i>	4!c
			/CDRY	CDR Indicator <i>or</i>	(Only populated on the message destined for the submitter)
			/DDTE	Delivery Date <i>or</i>	
			/MSGR	Message Reason (see Appendix A) <i>or</i>	4!c
			/DKRS	DK Reason (see Appendix A)	4!c
			/EPNX	Pool Reference from EPN submission	16x
M	:16S:	CONFDET		Block End	

4.2 MT518 Pool Netting Output Messages – Field Specifications

Block/Tag	Notes
Message Header	Each message must contain a message header. All header fields are mandatory fixed format with trailing blanks, where required.
Password	12!c Password fields will be blank filled on MT518 messages.
Sender	8!c MBSCPNET (MBSD Pool Netting System) will always be the sender of the Pool Netting MT518 messages.
Message Type	3!n/3!n/4!c The first three characters indicate to the recipient the message type (518); the second three positions reflect the version of the message interface (currently always 000). The last four characters indicate the issuer code to be used in the message (“DTCY”).
Receiver	8!c MBSD account number of the participant receiving the message.
GENL	This mandatory block provides general information regarding the message. It appears only once in a Trade Confirm.
20C	<p>Sender Message Reference</p> <ul style="list-style-type: none"> SEME// - This mandatory field contains the sender’s (Pool Netting) message reference number. It is used on all messages sent by Pool Netting and will contain a unique number to unambiguously identify each message. (This is a communications message number, not a trade number.) <p>Note: While the SWIFT message accommodates both upper and lower case alphanumeric and certain symbols, for Pool Netting purposes, this field will be populated with an upper case alphanumeric value. It will not contain symbols or hyphens.</p> <p style="text-align: right;"><i>e.g., :20C::SEME/1101070900000</i></p>
23G	<p>Function of the Message</p> <p>This mandatory field identifies the function of the message. It will either be a new message (NEWM) or a cancellation of a previous message (CANC):</p> <ul style="list-style-type: none"> NEWM - This NEWM qualifier will be used on the following MT518 messages: <ul style="list-style-type: none"> – Comparison Requests and Comparison Request Modifies; – Screen Input Replays that reflect a Pool Instruct, CDR, CDR Release or a Modify submitted via terminal; – DK Advices and DK Remove Advices where the receiver of such advices is the submitter of a Pool Instruct that is being DK’ed – Trade Matched with Modifications; – Notification of Default Values Applied; and – Repricing. CANC - This CANC qualifier will be used on the following MT518 messages: <ul style="list-style-type: none"> – Comparison Request Cancels; – Screen Input Replays that reflect a Cancel submitted via terminal; <p style="text-align: right;"><i>e.g., :23G:NEWM</i></p>
98C	<p>Preparation Date and Time</p> <ul style="list-style-type: none"> PREP// - This field will be reflected on all messages to indicate the date and time the message was prepared by Pool Netting. <p>Note: The “C” format for this (98) tag indicates a date/time format of “YYYYMMDDHHMMSS”.</p> <p style="text-align: right;"><i>e.g., :98C::PREP//20011218143947</i></p>

4.2 MT518 Pool Netting Output Messages – Field Specifications

Block/Tag	Notes
22F	<p>Trade Transaction Type Indicator (TRTR)</p> <p>Since MBS Pool Instructs are bilateral cash (buy/sell) transactions, this mandatory field should only contain the value indicated below.</p> <ul style="list-style-type: none"> TRTR/DTCY/CASH - This qualifier/option will be used on all MT518 messages to specify that they refer to buy/sell Pool Instructs requiring two-sided comparison. <p style="text-align: right;"><i>e.g., :22F::TRTR/DTCY/CASH</i></p>
LINK	<p>The LINK Block will be repeated for as many reference qualifiers as need to be included in a Trade Confirm. It is intended to provide the required information to identify the trade. Each reference number must be enclosed within a Start Link Block (:16R:LINK) and End Link Block (:16S:LINK). Each LINK repeating subsequence is within the GENL Block.</p>
20C	<p>Reference</p> <p>The following reference qualifiers can be found on MT518 records:</p> <ul style="list-style-type: none"> MAST// - Master Reference Number - This qualifier will contain the external reference number (x-ref) of the transaction represented on the record. The field will be populated: <ul style="list-style-type: none"> On all MT518 records going to the original submitter of the transaction. <p>Note: While the SWIFT message accommodates both upper and lowercase alphanumeric and certain symbols, for MBS purposes, this field will be populated with an uppercase alphanumeric value. It will not contain symbols or hyphens, except where the reference number has been assigned by Pool Netting.</p> PREV// - Previous Reference Number - This qualifier will be reflected on all MT518 records sent to the original submitting party which are related to modifications of reference numbers. <p>The PREV qualifier will also be reflected on all Cancel MT518 records. The PREV qualifier will be populated on MT518 records as follows:</p> <ul style="list-style-type: none"> On all Cancel records (:23G:CANC), this field will be populated with the value "NONREF". <ul style="list-style-type: none"> LIST// - Pool Netting Reference Number – On MT518 messages referring to your transactions, this field will contain the Pool Netting assigned reference number for the transaction. This field will not appear on Comparison Requests, Comparison Request Modifies or Comparison Request Cancels. <p>Note: On Comparison Requests, Comparison Request Modifies and Comparison Request Cancels, the counterparty's Pool Netting Transaction reference is provided in the appropriate Buyer or Seller Confirming Party subsequence, and not in this LINK subsequence.</p> <ul style="list-style-type: none"> COMM// - Pool Netting Assigned Compared ID (CID) – This field specifies the participant's Pool Netting Assigned Compared ID at the time of match. This qualifier will appear on MT518 for all matched records in order to enable participants to link the Pool Netting Assigned PID to the Pool Netting Assigned Compared ID (CID). <p style="text-align: right;"><i>e.g., :20C::MAST//PARTREF1</i></p>
CONFDET	<p>The mandatory CONFDET (Confirmation Details) block appears only once in a Trade Confirm. It contains Trade and Confirming Party Details.</p>
98C	<p>Trade Date</p> <ul style="list-style-type: none"> TRAD// - This field will be populated with the trade date of the targeted TBA position, and timestamp of '000000' <p>Note: The "C" format for this (98) tag indicates a date/time format of "YYYYMMDDHHMMSS".</p> <p style="text-align: right;"><i>e.g., :98C::TRAD//20011218000000</i></p>
98A	<p>Settlement Date</p>

4.2 MT518 Pool Netting Output Messages – Field Specifications

Block/Tag	Notes
	<ul style="list-style-type: none"> SETT// - This field will be populated with the full contractual settlement date of the targeted TBA position, using the date format “YYYYMMDD”. <p style="text-align: right;"><i>e.g., :98A::SETT//20011219</i></p>
90A	<p>Deal Price</p> <p>This field is reflected on all MT518 messages. It contains the targeted TBA position’s Price Type and Price. Only one Tag 90A is allowed per Pool Instruct. The price is expressed as a decimal number in SWIFT Standard format, which is left justified, with commas removed, and a comma used instead of a decimal.</p> <ul style="list-style-type: none"> DEAL//PRCT/ - This qualifier/option is used for dollar prices, expressed as a decimal number. <p style="text-align: right;"><i>e.g., :90A::DEAL//PRCT/99,625</i></p>
19A	<p>Settlement Amount</p> <ul style="list-style-type: none"> SETT//USD - This field is used to specify the Settlement Amount for transactions. If the underlying Pool Instruct currently has a 'Pending Pool Add' status, this field is reported as submitted because Pool Netting does not validate the price and the final money until the pending status is lifted. Likewise, this field would not be included in the MT518 messages if the Instruct is Pending Pool Add and the final money has not been submitted by the participant/owner of the Pool Instruct. <p>The Amount is in SWIFT Standard format, which is left justified, with commas removed, and a comma used in lieu of a decimal. The amount is always preceded by a 3-character ISO currency code (“USD” for MBSD transactions).</p> <p>Note: The SWIFT format can accommodate a value of 15d in this field.</p> <p style="text-align: right;"><i>e.g., :19A::SETT//USD2000000,</i></p>
22H	<p>Trade Type Indicator (BUSE)</p> <p>This field is reflected on all MT518 messages and has two allowable values for this BUSE qualifier:</p> <ul style="list-style-type: none"> BUSE//BUYI - This qualifier/option indicates that the Pool Instruct reflected is a buy. BUSE//SELL - This qualifier/option indicates that the Pool Instruct reflected is a sell. <p style="text-align: right;"><i>e.g., :22H::BUSE//SELL</i></p>
22F	<p>Processing Indicator (PROC)</p> <p>This Processing Indicator enables Pool Netting to indicate to the participant the type of record/command being sent on this MT518.</p> <p>The allowable values for this field are:</p> <ul style="list-style-type: none"> PROC/DTCY/CMPR - This qualifier/option indicates that the MT518 record is a Comparison Request. PROC/DTCY/CRQM - This qualifier/option indicates that the MT518 record is a Comparison Request Modify. PROC/DTCY/CADV - This qualifier/option indicates that the MT518 record is a Comparison Request Cancel (pre-comparison). PROC/DTCY/NAFI - This qualifier/option indicates that the MT518 record is a DK Advice. PROC/DTCY/DCCX - This qualifier/option indicates that the MT518 record is a DK Remove Advice. PROC/DTCY/SITR - This qualifier/option indicates that the MT518 record is a Screen Input Replay (applicable to screen inputs of Instruct, CDR, CDR Release, Modify, or Cancel records, as well as RTTM generation of Pool Instructs due to force-compare). PROC/DTCY/MDAD - This qualifier/option indicates that the MT518 record is a Post Comparison Modification Advice (of the recipient’s trade).

4.2 MT518 Pool Netting Output Messages – Field Specifications

Block/Tag	Notes
	<ul style="list-style-type: none"> PROC/DTCY/CMPM – This qualifier/option indicates that the MT518 record is a Matched with Modification Record. PROC/DTCY/DFVA – This qualifier/option indicates that the MT518 record is a Default Values Applied Record. PROC/DTCY/YTPR – This qualifier/option indicates that the MT518 record is a Repricing Record. <p style="text-align: right;"><i>e.g., :22F::PROC/DTCY/CRQM</i></p>
22H	<p>Payment Indicator (PAYM)</p> <p>This Payment Indicator field is mandatory for the MT518 message. All MT518 records will reflect the following qualifier/tag:</p> <ul style="list-style-type: none"> PAYM//APMT - This qualifier/option indicates that the Pool Instruct will settle against payment. <p style="text-align: right;"><i>e.g., :22H::PAYM//APMT</i></p>
CONFPRTY	<p>The Mandatory Confirming Party Block will be repeated for each party to a trade. Each party specified will be enclosed within a Start Party block (:16R:CONFPRTY) and an End Party block (:16S:CONFPRTY). MT518 messages will contain two repeating Confirming Party sequences (one buyer and one seller, and one of these parties will also be the receiver of the MT518 message).</p>
95R	<p>Party</p> <ul style="list-style-type: none"> BUYR/DTCY/PART - specifies the Buying Party on all MT518 messages. SELL/DTCY/PART - specifies the Selling Party on all MT518 messages. <p>Note: While the SWIFT layout supports a format of 34x for this field, this field will be populated with the appropriate 4 character MBSD Participant Account, for buyer or seller.</p> <p style="text-align: right;"><i>e.g., :95R::BUYR/DTCY/PARTABCD</i></p>
20C	<p>Contra Transaction Reference (PROC)</p> <ul style="list-style-type: none"> PROC// - Processing Reference Number - This field will reflect the Pool Netting assigned Counterparty Transaction Reference (Contra's PID) in the appropriate buyer or seller Confirming Party subsequence. It will only appear on Comparison Requests, Comparison Request Modifies and Comparison Request Cancels. <p style="text-align: right;"><i>e.g., :20C::PROC//7096000001</i></p>
36B	<p>Quantity of Securities (CONF)</p> <ul style="list-style-type: none"> CONF//FAMT/ - This field is mandatory, and for the purposes of Pool Netting, the option 'FAMT' indicates that the face amount (par) will be used. This field will reflect the Original Face Value of the Pool Instruct. The quantity of the financial instrument is in SWIFT Standard Format, which is left justified, with commas removed, and a comma used instead of a decimal. <p style="text-align: right;"><i>e.g., :36B::CONF//FAMT/2000000,</i></p>
35B	<p>Identification of Security</p> <p>The security involved is identified in the US by specifying the ISO country identifier ('/US/'), followed by the TBA CUSIP number of the targeted TBA position.</p> <p>Note: While the SWIFT layout accommodates a format of 4 * 35x, a 9!c (alpha numeric) value will populate the field for the TBA CUSIP.</p> <p style="text-align: right;"><i>e.g., :35B:/US/01F070641</i></p>
FIA	<p>In Pool Netting, this Optional Block will be included to identify the pool being submitted against a TBA position.</p>
13B	<p>Number Identification</p> <ul style="list-style-type: none"> POOL/DTCY/ - will be used by Pool Netting to identify the pool number allocated. The

4.2 MT518 Pool Netting Output Messages – Field Specifications

Block/Tag	Notes
	<p>pool number will be used in conjunction with the TBA CUSIP to ensure security identifier uniqueness.</p> <p style="text-align: right;"><i>e.g., :13B::POOL/DTCY/123456</i></p>
70E	<p>Trade Instruction Processing Narrative (TPRO)</p> <p>This field will be on all MT518 messages and will be used to reflect trade related information not supported in the MT518 format – it will be used to reflect a trade service type, a message reason, a CDR indicator, a Delivery Date, a DK reason and EPN Pool Reference, where appropriate.</p> <ul style="list-style-type: none"> • TPRO//DTCY - denotes narrative information specific to MBS. The following Trade Service Type will be included on each MT518 message: <ul style="list-style-type: none"> – /TDSVPOOL- will be used for pool output messages. • /CDRY – specifies the pool has a CDR status. Only being disclosed on the message destined to the submitter. <p>Note: This indicator is designed to be only used along with Pool Instruct messages to indicate that this Pool Instruct will have a CDR status. However, if this indicator is included in non-instruct input messages, the Pool Netting system will NOT reject the input message and will ignore the /CDRY indicator. To request or release the CDR status on an already accepted instruct, the participant has to submit explicitly the CDR request or CDR Release request.</p> <p>In the MT518 Pool Netting output messages, this indicator is designed to inform the submitter that the underlying Pool Instruct currently has the CDR status applied.</p> • /DDTE -- specifies the delivery date of the pool. <p>MT518 Advisories can contain a message reason to further define an event on the Pool Netting system.</p> <ul style="list-style-type: none"> • /MSGR – specifies the message reason – (see Appendix A for message reasons used in Pool Netting). <p>All DK and DK Remove advices will contain a DK Reason:</p> <ul style="list-style-type: none"> • /DKRS – specifies the DK reason (on DK Messages only) – (see Appendix A for DK reasons used in Pool Netting). <p>Comparison requests generated as a result of EPN submission, and instructs compared against them, may have the following reference number if provided by the seller on their corresponding EPN submission.</p> <ul style="list-style-type: none"> • /EPNX – reflects the Pool Reference specified by the seller in their corresponding EPN submission. <p style="text-align: right;"><i>e.g., :70E::TPRO//DTCY/TDSVPOOL</i></p>

4.3 MT518 Pool Netting Output Messages – Field Analysis

M/O	Tag	Block/ Qualifier	Subqualifier	Field Description	CMPR	CRQM	CADV	NAFI	DCCX	SITR	MDAD	CMPM	DFVA	YTPR
				Message Header										
				Password	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				Sender	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				Message Type	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				Receiver	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M	:16R:	GENL		Start of Block										
M	:20C:	:SEME//		Sender's Reference for this message	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M	:23G:	NEWM		Message Function = New <i>or</i>	✓	✓		✓	✓	✓	✓	✓	✓	✓
		CANC		Cancel			✓			✓				
O	:98C:	:PREP//		Preparation Date/Time	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M	:22F:	:TRTR/	DTCY/CASH	Cash Buy/Sell Trade Indicator	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M	:16R:	LINK		Start of Optional Repetitive Subsequence										
O	:20C:	:MAST//		Master Reference Number				✓	✓	✓	✓	✓	✓	✓
M	:16S:	LINK		End of Block										
M	:16R:	LINK		Start of Optional Repetitive Subsequence										
O	:20C:	:PREV//		Previous Reference Number			✓			✓				
M	:16S:	LINK		End of Block										
M	:16R:	LINK		Start of Optional Repetitive Subsequence										
O	:20C:	:LIST//		Pool Netting Assigned Reference Number (PID)				✓	✓	✓	✓	✓	✓	✓
M	:16S:	LINK		End of Block										
M	:16R:	LINK		Start of Optional Repetitive Subsequence										
O	:20C:	: COMM //		Pool Netting Assigned Compared ID						✓	✓	✓		✓
M	:16S:	LINK		End of Block										

4.3 MT518 Pool Netting Output Messages – Field Analysis

M/O	Tag	SWIFT MT518 LAYOUT			ADVISORIES				ADVISES REFERRING TO YOUR TRADES					
		Block/ Qualifier	Subqualifier	Field Description	CMPR	CRQM	CADV	NAFI	DCCX	SITR	MDAD	CMPM	DFVA	YTPR
M	:16S:	GENL		End of Block										
M	:16R:	CONFDET		Start of Block										
M	:98C:	:TRAD//		Trade Date/Time	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M	:98A:	:SETT//		Settlement Date	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M	:90A:	:DEAL/	/PRCT/	Deal Price - Percentage	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M	:19A:	:SETT/	/USD	Settlement Amount	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M	:22H:	:BUSE/	/BUYI	Trade Type Buy <i>or</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
			/SELL	Sell	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
O	:22F:	:PROC/	DTCY/CMPR	Comparison Request <i>or</i>	✓									
			DTCY/CRQM	Comparison Request Modify <i>or</i>		✓								
			DTCY/CADV	Comparison Request Cancel <i>or</i>			✓							
			DTCY/NAFI	DK Advice <i>or</i>				✓						
			DTCY/DCCX	DK Remove Advice <i>or</i>					✓					
			DTCY/SITR	Screen Input Replay <i>or</i>						✓				
			DTCY/MDAD	Post Comparison Modification Advice <i>or</i>							✓			
			DTCY/CMPM	Trade Matched with Modification <i>or</i>								✓		
			DTCY/DFVA	Default Value Applied <i>or</i>									✓	
			DTCY/YTPR	Repricing										✓
M	:22H:	:PAYM/	/APMT	Against Payment Trade	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M	:16R:	CONFPRTY		Start of Repetitive Mandatory Subsequence										
M	:95R:	:BUYR/	DTCY/PART	Buying Party	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
O	:20C:	:PROC//		Pool Netting Assigned Contra Reference (Contra's PID)	✓	✓	✓							
M	:16S:	CONFPRTY		Repeat Block End										
M	:16R:	CONFPRTY		Start of Repetitive Mandatory Subsequence										
M	:95R:	:SELL/	DTCY/PART	Selling Party	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
O	:20C:	:PROC//		Pool Netting Assigned Contra Reference (Contra's PID)	✓	✓	✓							


4.3 MT518 Pool Netting Output Messages – Field Analysis

M/O	Tag	SWIFT MT518 LAYOUT			ADVISORIES				ADVISES REFERRING TO YOUR TRADES					
		Block/ Qualifier	Subqualifier	Field Description	CMPR	CRQM	CADV	NAFI	DCCX	SITR	MDAD	CMPM	DFVA	YTPR
M	:16S:	CONFPRTY		Repeat Block End										
M	:36B:	:CONF/	/FAMT/	Quantity as Face Amount (Par)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M	:35B:	/US/		TBA CUSIP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M	:16R:	FIA		Start of Optional Subsequence										
M	:13B:	:POOL/	/DTCY/	Pool Number	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
M	:16S:	FIA		End of Optional Subsequence										
O	:70E:	:TPRO/	/DTCY/	Trade Instruction Processing Narrative										
			/TDSVPOOL	Trade Service – Pool Instruct for Pool Netting	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
			/CDRY	CDR indicator				✓	✓	✓	✓	✓	✓	✓
			/DDTE	Delivery Date	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
			/MSGR	Message Reason		✓	✓	✓	✓	✓	✓	✓	✓	✓
			/DKRS	DK Reason				✓	✓					
			/EPNX	Pool Reference from EPN Submission	✓	✓	✓			✓	✓	✓		✓
M	:16S:	CONFDET		End of Block										

5 MT599 Pool Netting System Event Messages

This section contains the following sub-sections:

- 5.1 General Format
- 5.2 Field Specifications

 See Item #2 in Section 1.1 for a description of what the shaded color indicates.

5.1 MT599 Pool Netting Output Messages – General Format

M/O	Tag	Block/Qualifier	Subqualifier/Options	Field Description	Data Field Format
				Message Header	
M				Password	12!c
M				Sender	8!c
M				Message Type	3!n/3!n/4!c
M				Receiver	8!c
M	:20:			Transaction (sender's message) Reference Number	16x
M	:79:			Narrative	(35*50x)
		DTCY/GADM		MBSD Administrative Message	4!c/4!c
		/PREP/		Preparation Date/Time	(8!n6!n) YYYYMMDDHHMMSS
		/GSOD/		Pool Netting Start-of-Day Notification <i>or</i>	YYYYMMDD
		/SOPN/		Start of Pool Netting <i>or</i>	YYYYMMDD
		/EOPN/		End of Pool Netting <i>or</i>	YYYYMMDD
		/SEPN/		Start of Expanded Pool Netting <i>or</i>	YYYYMMDD
		/EEPN/		End of Expanded Pool Netting <i>or</i>	YYYYMMDD
		/EDCS/		Comparison Submission Cutoff End-of-Day Message <i>or</i>	YYYYMMDD
		/EODC/		End-of-Day Cycle Message	YYYYMMDD
		/NXTD/		Next MBSD 'Trade Submission' Day	YYYYMMDD

5.2 MT599 Pool Netting Output Messages - Field Specifications

Block/Tag	Notes
Message Header	Each Message must contain a message header. All header fields are mandatory fixed format with trailing blanks, where required.
Password	12!c This field will be blank-filled on all outbound MT599 Messages
Sender	8!c MBSCPNET (MBSD Pool Netting System) will be the sender of the MT599 messages.
Message Type	3!n/3!n/4!c The first three characters indicate to the recipient the message type (599); the second three positions reflect the version of the message interface (currently always 000). The last four characters indicate the issuer code to be used in the message ("DTCY").
Receiver	8!c MBSD account number of the participant receiving the message.
20	<p>Transaction (Sender Message) Reference Number</p> <p>This field contains the sender's message reference number. It is mandatory and will contain a unique number to unambiguously identify each message sent from MBSD. (This is a communications message number, not a trade number.)</p> <p>Note: While the SWIFT message accommodates both Upper and Lower case alphanumeric and certain symbols, for Pool Netting purposes, this field will be populated with an upper case alphanumeric value. It will not contain symbols or hyphens.</p> <p style="text-align: right;"><i>e.g., :20:ABCDEFG1</i></p>
79	<p>Narrative</p> <p>This field will contain the various administrative message data, including the type of message, using the following qualifiers:</p> <ul style="list-style-type: none"> • DTCY/GADM – This qualifier/option indicates that this is an administrative message being sent by MBSD. • /PREP/ - This field contains the message preparation date and time. • /GSOD/ - This qualifier indicates to participants that this MT599 message is MBSD's Pool Netting System beginning of day notification for the business date noted. Subsequent to receiving this message, participants can begin to send Pool Instructs to MBSD to be included in that day's comparison process. Any messages received by MBSD after this point will result in immediate acknowledgement/rejection. Pool Netting will also, at this point, begin sending acknowledgement/ rejection MT509 output for all inputs received after the prior business day's cutoff point (i.e., the prior business day's EDCS message). • /SOPN/ - This qualifier indicates that this MT599 message is MBSD Pool Netting's notification to the participant that the current day's pool netting process is starting. All inputs received by Pool Netting after this SOPN event (until the current day's "EDCS" message) will still be included in the current day's comparison process, but not eligible for the current day's pool netting process. The delivery day of all inputs received during this time range has to be greater than the next business date, otherwise Pool Netting will reject the input. • /EOPN/ - This qualifier indicates that this MT599 message is MBSD Pool Netting's notification to the participant that the current day's pool netting process has completed. • /SEPN/ - This qualifier indicates that this MT599 message is MBSD Pool Netting's notification to the participant that the current day's expanded pool netting process is starting. This occurs on SIFMA 24hr day only. • /EEPN/ - This qualifier indicates that this MT599 message is MBSD Pool Netting's notification to the participant that the current day's expanded pool netting process has completed. This occurs on SIFMA 24hr day only. • /EDCS/ - This qualifier indicates that this MT599 message is MBSD's Pool Netting System's notification to the participant that any inputs received by MBSD after this time

5.2 MT599 Pool Netting Output Messages – Field Specifications

	<p>will not be included in that day's comparison process. All inputs received by MBSD after this cutoff (until the next night's cutoff/"EDCS" message) will be included in the comparison process for the date indicated below (following the qualifier '/NXTD/').</p> <ul style="list-style-type: none"> • /EODC/ - This qualifier indicates that this MT599 message is MBSD Pool Netting's notification to participants that MBSD has completed the Pool Netting process for the date indicated and no more interactive output will be generated for that business day. Any comparison-related output sent by MBSD after this point (through generation of the next 'EODC' message) will be for the business day indicated below (following the qualifier '/NXTD/'). • /NXTD/ - This field provides the next valid MBSD trade submission date, and will be included on all MBSD end-of-day messages. <p style="text-align: center;"><i>e.g., :79:DTCY/GADM/PREP/20000322200150/EDCS/20000322/NXTD/20000323</i></p>
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APPENDICES

The documents included in this section are provided as a supplement to the Specifications included in this document.

Appendix A	Reason Codes for reject, message and DK.
Appendix B	SWIFT Output Message Groupings available to provide members various levels of subscriptions to its SWIFT output messages.
Appendix C	Message Flows contains detailed diagrams depicting the flows of messages to and from RTTM for various transaction-related scenarios. These flows have been divided into multiple sections.
Appendix D	Message Samples provides samples of a variety of MT515, MT509 and MT518 messages.

Appendix A: Reason Codes

APPENDIX A: Reason Codes

This appendix contains the reason codes used for Rejects, Messages, and DKs.

REJECT REASON CODES

Error Code Qualifiers (to be used in field :24B::REJT/)	Error Conditions (Which Can Cause An MT515 To Be Rejected By Pool Netting)	Data Field Format
DTCY/E001	External Reference Error	4!c
DTCY/E002	Previous External Reference Error	
DTCY/E003	Trade Not Eligible for Cancellation	
DTCY/E004	Unknown Security (TBA CUSIP)	
DTCY/E005	Bad Quantity	
DTCY/E007	Bad Settlement Date	
DTCY/E008	Bad Price	
DTCY/E010	Bad Buyer Party	
DTCY/E011	Bad Seller Party	
DTCY/E013	Transaction Type Error	
DTCY/E014	Price Method Error	
DTCY/E016	Password Error	
DTCY/E030	Trade Not In Same State	
DTCY/E033	Bad Delivery Date	
DTCY/E035	Bad Payment Indicator	
DTCY/E036	Unknown DK Reason	
DTCY/E102	Trade Service Type Error	
DTCY/E105	Account Trade Restricted	
DTCY/E108	Bad Pool Number	
DTCY/E112	Already CDRed	
DTCY/E113	CDR is not on	
DTCY/E132	Insufficient TBA position	
DTCY/E998	Trade Not Found	
DTCY/E999	Other Bad Data	
DTCY/F001	Illegal Operation Attempted	
DTCY/F002	Internal Process Error	
DTCY/F999	Non-SWIFT-Compliant Message	

MESSAGE REASON CODES

Subqualifier/Options	Field Description	Data Field Format
DKTD	Due to DK	4!c
DCTD	Due to DK Remove	
MACH	Due to Match	
COAC	Due to Contra Action	
GSAC	Due to System Action	
YRAC	Due to Your Action	
MODF	Due to Pool Instruct Modified via screen	
CDRD	Due to Pool Instruct CDRed via screen	
CDLD	Due to Pool Instruct CDR Released via screen	
FCMP	Due to Pool Instruct Force Compare by RTTM	

DK REASON CODES

Subqualifier/Options	Field Description	Data Field Format
E004	Unknown Security (TBA CUSIP)	4!c
E005	Bad Quantity	
E007	Bad Settlement Date	
E008	Bad Price	
E009	Bad Amount	
E010	Bad Buyer Party	
E011	Bad Seller Party	
E013	Transaction Type Error	
E033	Bad Delivery Date	
E102	Trade Service Type Error	
E106	Incorrect Account Symbol	
E107	Duplicate Trade	
E108	Invalid Pool Number	
E998	Trade not found	
E999	Other Bad Data	

Appendix B: Real-Time SWIFT Output Message Groupings

APPENDIX B: SWIFT Output Message Groupings

Pool Netting offers the participants various levels of subscription to its SWIFT output messages. The participants can choose to enable/disable receiving the pool netting real-time SWIFT message by groups.

All the groups are listed in the table below.

Description
Group 1. Administrative Messages
MT599 GSOD (Pool Netting Start-of-Day Notification)
MT599 SOPN (Start of Pool Netting)
MT599 EOPN (End of Pool Netting)
MT599 SEPN (Start of Expanded Pool Netting)
MT599 EEPN (End of Expanded Pool Netting)
MT599 EDCS (Comparison Submission Cutoff End-of-Day Message)
MT599 ECDO (End-of-Day Cycle Message)
Group 2. Pool Input Response (mandatory)
MT509 Pool Trade Accepted
MT509 Pool Trade Rejected
MT509 Modify Accepted
MT509 Modify Rejected
MT509 DK Accepted
MT509 DK Rejected
MT509 Cancel Accepted
MT509 Cancel Rejected
MT509 CDR Reject
MT509 CDR Accepted
MT509 CDR Released
MT509 CDR Release Rejected
Group 3. Processed Messages
MT509 Modify Processed
MT509 DK Processed
MT509 Cancel Processed
Group 4. Match Messages
MT509 Pool Trade Matched
MT509 Unmatched due to Contra's Cancellation
Group 5. System Generated End of Life Messages

Description
MT509 Pool Trade Deleted (due to Unmatched)
MT509 Pool Trade Deleted (due to Insufficient TBA Position)
MT509 Pool Trade Deleted (due to Pending Status)
MT509 Pool Instruct Deleted (due to Fully Paid-Down Pool)
MT509 Pool Instruct Deleted (due to System Actions)
MT509 Pool Bound toNet
MT509 Pool In Net
MT509 Non-Net Pool Instruct Converted
MT509 STIP Pool Instruct Converted
Group 6. Pending Messages
MT509 Pending Pool Add
MT509 Pending Pool Add Removed
Group 7. Advice Messages
MT518 Repricing
MT518 Notification of Default Value Applied
MT518 Post Match Modify
MT518 Pool Trade Matched with Modification
MT518 DK Advice
MT518 DK Removed Advice
MT518 Screen Input Pool Trade Replay (Instruct)
MT518 Screen Input Pool Trade Replay (Modify)
MT518 Screen Input Pool Trade Replay (Cancel)
MT518 Screen Input Pool Trade Replay (Force-Compare)
MT509 Bound to Net
Group 8. Advisories
MT518 Comparison Request Modify
MT518 Comparison Request
MT518 Comparison Request Cancel
Group 9. CDR Screen Replay
MT518 Screen Input Trade Replay (CDR)
MT518 Screen Input Trade Replay (CDR Release)

Appendix C :

Message Flows

(SEE SEPARATE DOCUMENT)

Appendix D :

Message Samples

(SEE SEPARATE DOCUMENT)