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Omgeo ALERT-SWIFT Mapping

This document describes the mapping of ALERT to SWIFT fields for standard securities, foreign exchange (FX), and cash settlement instructions.

Note

Omgeo Central Trade ManagerSM Settlement Notification (SN) generates SWIFT messages for standard settlement instructions but not for FX or cash instructions. The mappings for FX and cash instructions are provided for reference only.

Update

Since the last publication of this document (July 23, 2008), Omgeo has continued to evaluate market practices and consult with clients. As a result, Omgeo is amending the mapping of ALERT fields to SWIFT ISO 7775 messages. These changes (Table 2 on page 4 and Table 3 on page 5) include:

- The order of the roles has changed to mirror the order in a SWIFT ISO 7775 message.
- For an MT304 (DELIVER CASH) Sequence with Two Parties, the A/C# @ Receiving Agent/IBAN field is now mapped to ":57J/ACCT" as opposed to ":58J/ACCT."
- For an MT304 (DELIVER CASH) Sequence with Three Parties:
 - The *ID1* or *Bank Code 1* field (for example: *ABA#*, *CHIPS Code*, *Sort Code*) now maps to tag 56 (as opposed to tag 57).
 - *Intermediary A/C#/IBAN* now maps to tag 56 (as opposed to tag 58).
 - *A/C# at Receiving Agent* now maps to tag 57 (as opposed to tag 56).
 - Table 2 on page 4 and Table 3 on page 5 include the *Final Beneficiary A/C#/IBAN*, which maps to tag 58.



Mapping of standard settlement instructions

Table 1 below shows the mapping of ALERT fields for standard settlement instructions to the following ISO 15022 SWIFT messages:

- MT541 (Receive Securities Against Payment)
- MT543 (Deliver Securities Against Payment)

Table 1 Mapping of ALERT fields to MT541 and MT543 fields

ALERT Field	MT 54x Seq#	Tag	Qualifier	M/O/C ¹	IM/Instr. ²	BD/Ctparty ³
Institution/Executing Broker BIC	E1	95P (see Note 6)	BUYR/SELL	M		Mapped
A/C# @ Global Custodian	С	97A	SAFE	M	Mapped	
	E1	97A	SAFE	0		Mapped
Cash Account	С	97A	CASH	0	Mapped	
Acct Ref 1						Not mapped
Acct Ref 2						Not mapped
Custodian BIC	Header			C (see Note 1	Mapped	
	E1	95P	RECU/DECU	0		Mapped
Custodian Name 1	E1	95Q	RECU/DECU	0		Mapped
Custodian Name 2	E1	95Q	RECU/DECU	0		Mapped
A/C# @ Local Agent	E1	97A	SAFE	0		Mapped
Sub A/C Ref 1						Not mapped
Sub A/C Ref 2						Not mapped
Sub Agent BIC	Header			C (see Note 1	Mapped	
	E1	95P	REAG/DEAG	C (see Note 2)		Mapped
Sub Agent Name 1						Not mapped
Sub Agent Name 2						Not mapped
A/C# @ Depository	E1	95R	REAG/DEAG	C (see Note 2)		Mapped
	E1	97A	SAFE	0		Mapped
ID 2	E1	97A	SAFE	O (see Note 3)		Mapped
ID 3						Not mapped
Participant Name 1						Not mapped

¹Indicates if the field is mandatory (M), optional (O), or conditional (C)..

 $^{^2\}mbox{Stands}$ for investment manager in ALERT and the instructing party in SWIFT.

 $^{^3}$ Stands for broker/dealer in ALERT and the counterparty in SWIFT.

Table 1 Mapping of ALERT fields to MT541 and MT543 fields (continued)

ALERT Field	MT 54x Seq#	Tag	Qualifier	M/O/C ¹	IM/Instr. ²	BD/Ctparty ³
Participant Name 2						Not mapped
Correspondent BIC						
If Relationship = S	E1	95P	REI1/DEI1	O (see Note 4)		Mapped
If Relationship = C	E2	95P	ACCW	0		Mapped
Correspondent Cash A/C#				0		Mapped
If Relationship = C	E2	97A	CASH			
Correspondent Security A/C#				0		Mapped
If Relationship = S	E1	97A	SAFE			
Corresp Name 1						
If Relationship = S	E1	95Q	REI1/DEI1 or RECU/DECU	O (see Note 4)		Mapped
If Relationship = C	E2	95Q	ACCW	0		Mapped
Corresp Name 2						
If Relationship = S	E1	95Q	REI1/DEI1 or RECU/DECU	O (see Note 4)		Mapped
If Relationship = C	E2	95Q	ACCW	0		Mapped
Relationship				(see Note 5)		Not mapped
Registration Name 1						Not mapped
PSET	E1	95C/P	PSET	M		Mapped
Interested Party 3 BIC	Header			C (see Note 1)	Mapped	

¹Indicates if the field is mandatory (M), optional (O), or conditional (C)..

²Stands for investment manager in ALERT and the instructing party in SWIFT.

³Stands for broker/dealer in ALERT and the counterparty in SWIFT.

Notes Mapping addendum:

- 1. For Settlement Notification (SN) clients, *Custodian BIC* or *SubAgent BIC* must be present to identify the SN message recipient. The SN rule is: if *Custodian BIC* is not *NULL*, populate with *Custodian BIC*. If *Custodian BIC* is *NULL*, populate with *SubAgent BIC*.
 - For scenarios where the SWIFT message must be sent to a different BIC than what is specified in the *Custodian* or *Sub Agent* field, use the *Interested Party 3 BIC* field.
- 2. If SubAgent BIC is NULL or invalid, ID1 is mapped.
- 3. If ALERT provides *ID1* and *ID2*, but not *SubAgent BIC*, ALERT uses *ID2* to populate 97A associated with REAG/DEAG (Receiving Agent/Delivering Agent).
- 4. For sequence E1, if: 95P::REI1/DEI1 (Receiver's Intermediary 1/Deliverer's Intermediary 1) is present but :95P::RECU/DECU (Deliverer's Custodian/Receiver's Custodian) is not, the information is mapped to DECU/RECU instead of REI1/DEI1. The SWIFT validation rule is: if REI1 or DEI1 is populated, DECU or RECU must be present.
- 5. The value of *Relationship* determines the formatting use of *Correspondent BIC, Correspondent Cash A/C#*, and *Correspondent Security A/C#*.
- 6. For sequence E1, :95P::BUYR/SELL is mapped from ALERT (Institution/Executing Broker BIC field), if NULL; mapped from P&O if BIC is available, if NULL, Name from P&O will be used and mapped as :95Q::BUYR/SELL.

Mapping of foreign exchange and CASH settlement instructions

Table 2 through Table 7 in this section show the mapping of ALERT fields for foreign exchange and CASH settlement to the following ISO 7775 SWIFT messages:

- MT304 ((Advice/Instruction of a Third Party Deal)
- MT202 (General Financial Institution Transfer)
- MT21- (Notice to Received)

Example 1

The example in Table 2 shows the mapping for the DELIVER CASH sequence of an MT304 message with three parties.

Table 2 MT304 (DELIVER CASH) sequence-three parties

SWIFT Role	ISO 7775 TAG	Qualifier	ALERT Field
Intermediary	56J	ABIC	Intermediary BIC
	56J	NAME	Intermediary Name 1, Intermediary Name 2
	56J	ACCT	Intermediary A/C#/IBAN
	56J	USFW	ABA# (ID 1 for FEDWIRE),
	56J	USCH	CHIPS Code (Bank Code 1), or
	56J	GBSC	Sort Code (Bank Code 1)

Table 2 MT304 (DELIVER CASH) sequence-three parties (continued)

SWIFT Role	ISO 7775 TAG	Qualifier	ALERT Field
Receiving Agent	57J	ABIC	Receiving Agent BIC
	57J	NAME	Receiving Agent Name 1, Receiving Agent Name 2
	57J	ACCT	A/C# @ Receiving Agent/IBAN
Beneficiary Institution	58J	ABIC	Beneficiary Institution BIC
	58J	NAME	Beneficiary Institution Name 1, Beneficiary Institution Name 2
	58J	ACCT	Final Beneficiary A/C#/IBAN

Example 2

The example in Table 3 shows the mapping for the DELIVERY CASH sequence of an MT304 message with two parties.

Table 3 MT304 (DELIVER CASH) sequence-two parties

SWIFT Role	ISO 7775 Tag	Qualifier	ALERT Field
Receiving agent	57J	ABIC	Receiving Agent BIC
	57J	NAME	Receiving Agent Name1, Receiving Agent Name 2
	57J	ACCT	A/C# @ Receiving Agent
	57J	USFW	ABA# (Bank Code 1 for FEDWIRE),
	57J	USCH	CHIPS Code (Bank Code 1), or
	57J	GBS	Sort Code (Bank Code 1)
Beneficiary Institution	58J	ABIC	Beneficiary Institution BIC
	58J	NAME	Beneficiary Institution Name 1, Beneficiary Institution Name 2
	58J	ACCT	Final Beneficiary A/C#/IBAN

Example 3

The example in Table 4 shows the mapping for an MT202 DELIVER CASH sequence with two parties.

Table 4 MT202 (DELIVER CASH) Sequence-Two Parties

SWIFT Role	ISO 7775 Tag	ALERT Field
Account With Institution	57A Line 1	Receiving Agent BIC
	57A Line 2	Bank Code 1 (Sort Code, CHIPS Code, ABA)
	57A Line 3	A/C# @ Receiving Agent/IBAN
Beneficiary Institution	58A Line 1	Beneficiary Institution BIC
	58A Line 2	Final Beneficiary A/C#/IBAN

Example 4

The example in Table 5 shows the mapping for an MT202 DELIVER CASH sequence with three parties.

Table 5 MT202 (DELIVER CASH) sequence-three parties

SWIFT Role	ISO 7775 Tag	ALERT Field
Intermediary	56A Line 1	Intermediary BIC
	56A Line 2	Bank Code 1 (Sort Code, CHIPS Code, ABA)
	56A Line 3	Intermediary A/C#/IBAN
Account With Institution	57A Line 1	Receiving Agent BIC
	57A Line 2	A/C# @ Receiving Agent/IBAN
Beneficiary Institution	58A Line 1	Beneficiary Institution BIC
	58A Line 2	Final Beneficiary A/C#/IBAN

Example 5

The example in Table 6 shows the mapping for the RECEIPT OF CASH sequence of an MT304 message.

Table 6 MT304 (RECEIPT OF CASH) sequence

SWIFT Role	ISO 7775 Tag	Qualifier	ALERT Field
Delivering Agent	53J	ABIC	Delivering Agent BIC
	53J	USFW,	ABA # (ID 1 for FEDWIRE),
	53J, or	USCH, or	CHIPS Code (Bank Code 1),
	53J	GBSC	or
			Sort Code (Bank Code 1)

Example 6

The example in Table 7 shows the mapping for an MT210 RECEIPT OF CASH sequence.

Table 7 MT210 (RECEIPT OF CASH) sequence

SWIFT Role	ISO 7775 Tag	ALERT Field
Beneficiary Institution	52A Line 1	A/C @ Receiving Agent/IBAN
	52A Line 2	Beneficiary Institution BIC
Receiving Agent/intermediary	56A Line 1	ID 1 (Sort Code, CHIPS Code, or ABA # if present)
	56A Line 2	Receiving Agent BIC

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