



SWIFTStandards

## Comparison Table

Fedwire Customer Transfer (CTR)

pac.008.001.01 FIToFICustomerCreditTransferV01

The SWIFTStandards Comparison Table describes mapping from the Fedwire Customer Transfer (CTR) to the ISO pac.008.001.01 message standard.

17 April 2008

### **Related documentation**

- *UNIFI (ISO 20022) Message Definition Report - Payments Standards - Clearing and Settlement and related XML schemas and instances*

The latest version of the UNIFI documentation is published on the [www.iso20022.org](http://www.iso20022.org) website.

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	A	B	C	D	E
1	Fedwire		Context	FIToFICustomerCreditTransferV01 (pacs.008.001.01)  All paths preceded by "FIToFICustomerCreditTransferV01\ GH = GroupHeader TX = CreditTransferTransactionInformation	Comment
2	Field Tag	Subfield			
3	11xx				The information appended by Fedwire (tags 1100, 1110, 1120 and 1130) are of a technical nature without equivalent in the business payload of the pacs.008.001.01.
4	1510				In order for the CTR to relate to the pacs.008.001.01 only a restricted set of the Type and Subtype codes will be allowed (1000 and 1500).
5	1520		3320 is not present	TX\PaymentIdentification\InstructionIdentification	Workaround. If 3320 (Sender Reference Number) is not mandatory, suggestion is to copy 1520 (IMAD) in the InstructionIdentification (even if the latter is optional in the pacs.008.001.01).
6			-	GH\MessageIdentification	Field 1520 (IMAD) fills the mandatory MessageIdentification.
7			3320 is not present	TX\PaymentIdentification\TransactionIdentification	Workaround. TransactionIdentification is mandatory in the pacs.008.001.01 target message and contains an interbank reference that is stable throughout the payment chain. There is no field for a stable reference in the Fedwire CTR and therefore field 3320 (Sender Reference Number) is copied. If field 3320 (optional) is not present, then field 1520 (IMAD) fills the TransactionIdentification.
8			4320 is not present AND 3320 is not present	TX\PaymentIdentification\EndToEndIdentification	Workaround. EndToEndIdentification is mandatory in the pacs.008.001.01 target message and carries a reference to be passed on between the customer ordering the payment and the beneficiary. In the Fedwire CTR field 4320 (Reference for Beneficiary) can carry an end-to-end reference, but the field is optional. If field 4320 is not present, then 3320 is copied as workaround. If neither field 4320 nor field 3320 are present, then field 1520 is copied as a workaround.
9		First 8 characters	-	TX\InterbankSettlementDate	
10	2000		-	TX\InterbankSettlementAmount	The InterbankSettlementAmount is of the CurrencyAmount type encompassing the amount and the currency (as an XML attribute). In Fedwire the USD currency is implied, so one of the default populations would be to fill in USD as the attribute.
11	3000	Adjustment Effective Date			A possibility is to use/create a code for field 3600 instead of using field 3000. The use of that specific code (as for field 3000) would be accompanied by agreements with the local Federal Reserve Bank and system specific processing, but for the practice of back value dating no gap at the standard level has been identified.
12			-	GH\InstructingAgent	

	A	B	C	D	E
13	3100		5100 is not present	TX\DebtorAgent	Workaround. DebtorAgent is mandatory in the pacs.008.001.01 target message, whereas field 5100 (Originator's FI) is optional in the Fedwire source message and absence of the field implies that the Sender identified by 3100 is the Originator's FI.
14	3320		-	TX\PaymentIdentification\InstructionIdentification	See Comments for 1520 IMAD.
15			-	GH\MessageIdentification	See Comments for 1520 IMAD.
16			-	TX\PaymentIdentification\TransactionIdentification	See Comments for 1520 IMAD.
17			4320 is not present	TX\PaymentIdentification\EndToEndIdentification	See Comments for 1520 IMAD.
18	3400		-	GH\InstructedAgent	
19			4100 is not present	TX\CreditorAgent	Workaround. CreditorAgent is mandatory in the pacs.008.001.01 target message, whereas field 4100 (Beneficiary's FI) is optional in the Fedwire source message and absence of the field implies that the Receiver identified by 3400 is the Beneficiary's FI.
20	3500				The use of field 3500 in the Fedwire CTR is restricted to reversal messages which is outside the scope of the pacs.008.001.01. This is done with an pacs.004.001.01.
21	3600		-	TX\PaymentTypeInformation\LocalInstrument\Code	Fedwire Business Function Codes are part of the ISO LocalInstrument externalised codelist.
22	3700	First character	Equal to B	TX\ChargeBearer\CRED	
23			Equal to S	TX\ChargeBearer\SHAR	
24		Remaining part (Currency and Charges) and up to 4 repetitions	-	TX\ChargesInformation\ChargesAmount	In the pacs.008.001.01 target message the currency of the ChargesAmount must be the same as the currency of the InterbankSettlementAmount.  In the pacs.008.001.01 target message, the ChargesAmount element is part of the ChargesInformation component together with a mandatory ChargesParty element. Refer to the workaround section below to see how the pacs.008.001.01 ChargesParty is derived from the CTR message where the party is implicit.  For all repetitions of the charges, the currency must be the same as the currency of the InterbankSettlementAmount (meaning for Fedwire must be USD).
25	3710		-	TX\InstructedAmount	
26	3720		-	TX\ExchangeRate	
27	4000		-	TX\IntermediaryAgent1	
28		Identifier	ID-Code equal to D or U	TX\IntermediaryAgent1Account	
29	4100		-	TX\CreditorAgent	
30		Identifier	ID-Code equal to D or U	TX\CreditorAgentAccount	
31	4200			TX\Creditor	A CHIPS Universal Identifier (Identified by ID-Code U) is translated to the CHIPSUniversalIdentification element of the Creditor identification element.
32		Identifier	ID-Code equal to D, T or U	TX\CreditorAccount	

	A	B	C	D	E
33	4320		-	TX\PaymentIdentification\EndToEndIdentification	EndToEndIdentification is mandatory in the pacs.008.001.01 target message and carries a reference to be passed on between the customer ordering the payment and the beneficiary. In the Fedwire CTR field 4320 (Reference for Beneficiary) can carry an end-to-end reference, but the field is optional. If field 4320 is not present, then 3320 is copied as workaround. If neither field 4320 nor field 3320 are present, then field 1520 is copied as a workaround.
34	4400				A solution based on the pain.001.001.02 and the pacs.008.001.01 for drawdown payments has been identified.
35	5000		-	TX\Debtor	
36		Identifier	ID-Code equal to D, T or U	TX\DebtorAccount	
37	5100		-	TX\DebtorAgent	
38		Identifier	ID-Code equal to D or U	TX\DebtorAgentAccount	
39	5200		-	TX\PreviousInstructingAgent	
40	5400				A solution based on the pain.001.001.02 and the pacs.008.001.01 for drawdown payments has been identified.
41	6000		-	TX\RemittanceInformation\Unstructured	
42	6100		-	TX\InstructionForNextAgent\InstructionInformation <i>A new instance of the repetitive TX\InstructionForNextAgent component (in this case used without TX\InstructionForNextAgent\Code)</i>	
43	6110				A solution based on the pain.001.001.02 and the pacs.008.001.01 for drawdown payments has been identified.
44	6200		-	-	6200 Intermediary FI Information does not have a pacs.008.001.01 equivalent. The pacs.008.001.01 offers the generic InstructionInformation for the NextAgent so it would be intended for the Receiver FI.
45	6210	Advice code	Advice code equal to LTR, TLX or WRE AND 4000 is present	TX\InstructionForNextAgent\Code\TELA <i>A new instance of the repetitive TX\InstructionForNextAgent component</i>	
46			Advice code equal to PHN AND 4000 is present	TX\InstructionForNextAgent\Code\PHOA <i>A new instance of the repetitive TX\InstructionForNextAgent component</i>	

	A	B	C	D	E
47		Advice Information	Advice code equal to PHN, LTR, TLX or WRE AND 4000 is present	TX\InstructionForNextAgent\InstructionInformation  <i>Must be the same occurrence of the component with TX\InstructionForNextAgent\Code equaling TELA or PHOA after translation of 6210 Advice code PHN, LTR, TLX or WRE.</i>	
48	6300		4000 is not present	TX\InstructionForNextAgent\InstructionInformation  <i>A new instance of the repetitive TX\InstructionForNextAgent component (in this case used without TX\InstructionForNextAgent\Code)</i>	6300 contains requests to advise the Beneficiary's FI. In the pacs.008.001.01 the request can be made to advise the more generic NextAgent. Therefore, requests to advise the Beneficiary's FI are only translated when no Intermediary FI (field 4000) is present between the Receiver FI and Beneficiary's FI.
49	6310	Advice code	Advice code equal to LTR, TLX or WRE AND 4000 is not present	TX\InstructionForNextAgent\Code\TELA  <i>A new instance of the repetitive TX\InstructionForNextAgent component</i>	6310 contains coded information to advise the Beneficiary's FI. In the pacs.008.001.01 the request can be made to advise the more generic NextAgent. Therefore, requests to advise the Beneficiary's FI are only translated when no Intermediary FI (field 4000) is present between the Receiver FI and Beneficiary's FI.
50			Advice code equal to PHN AND 4000 is not present	TX\InstructionForNextAgent\Code\PHOA  <i>A new instance of the repetitive TX\InstructionForNextAgent component</i>	
51		Advice Information	Advice code equal to PHN, LTR, TLX or WRE AND 4000 is not present	TX\InstructionForNextAgent\InstructionInformation  <i>Must be the same occurrence of the component with TX\InstructionForNextAgent\Code equaling TELA or PHOA after translation of 6310 Advice code PHN, LTR, TLX or WRE.</i>	
52	6400		-	TX\InstructionForCreditorAgent\InstructionInformation  <i>A new instance of the repetitive TX\InstructionForCreditorAgent component (in this case used without TX\InstructionForCreditorAgent\Code)</i>	
53	6410	Advice code	Advice code equal to HLD	TX\InstructionForCreditorAgent\Code\HOLD  <i>A new instance of the repetitive TX\InstructionForCreditorAgent component</i>	
54			Advice code equal to LTR, TLX or WRE	TX\InstructionForCreditorAgent\Code\TELB  <i>A new instance of the repetitive TX\InstructionForCreditorAgent component</i>	
55			Advice code equal to PHN	TX\InstructionForCreditorAgent\Code\PHOB  <i>A new instance of the repetitive TX\InstructionForCreditorAgent component</i>	
56		Advice Information	Advice code equal to HLD, LTR, TLX, WRE or PHN	TX\InstructionForCreditorAgent\InstructionInformation  <i>Must be the same occurrence of the component with TX\InstructionForCreditorAgent\Code equaling HOLD, TELB or PHOB after translation of 6410 Advice code HLD, LTR, TLX, WRE or PHN.</i>	

	A	B	C	D	E
57	6420	Advice code	Advice code equal to CHECK	TX\InstructionForCreditorAgent\Code\CHQB <i>A new instance of the repetitive TX\InstructionForCreditorAgent component</i>	
58		Advice Information	Advice code equal to CHECK	TX\InstructionForCreditorAgent\InstructionInformation <i>Must be the same occurrence of the component with TX\InstructionForCreditorAgent\Code equaling CHQB after translation of 6412 Advice code CHECK</i>	
59	6430				This code has been eliminated in the FIN MT 103 standard as of SR2006. FED to eliminate too.
60	6500		-	TX\InstructionForNextAgent\InstructionInformation <i>A new instance of the repetitive TX\InstructionForNextAgent component (in this case used without TX\InstructionForNextAgent\Code)</i>	
61	<b>DEFAULT POPULATION</b> Some of the elements in the pacs.008.001.01 message are mandatory without (explicit) equivalent in the Fedwire CTR message. This section describes how these pacs.008.001.01 elements are populated to obtain a valid pacs.008.001.01 message.				
62	<b>Field Tag</b>	<b>Subfield</b>	<b>Context</b>	<b>Mandatory pacs.008.001.01Element</b> <b>FIToFICustomerCreditTransferV01 (pacs.008.001.01)</b>  All pacs.008.001.01paths preceded by "FIToFICustomerCreditTransferV01" GH = GroupHeader TX = CreditTransferTransactionInformation	<b>Comment</b>
63	-	-	-	GH\CreationDateTime	Default value could be for example 9999-12-31T00:00:00 or the information could be fetched from the technical 11xx fields.
64	-	-	-	GH\NumberOfTransactions	Default value 1.
65	-	-	-	GH\SettlementInformation\SettlementMethod\CLRG	Default value indicating it is a clearing payment.
66			-	GH\SettlementInformation\ClearingSystem\ClearingSystemIdentification\FDW	ClearingSystemIdentification in the pacs.008.001.01 standard for Fedwire is FDW.

	A	B	C	D	E
67	2000	-		TX\InterbankSettlementAmount	The currency USD is implicit in the Fedwire CTR - field 2000. The InterbankSettlementAmount is of the CurrencyAmount type encompassing the amount and the currency (as an XML attribute). In the Fedwire CTR - field 2000 the USD currency is implied, so the USD currency attribute will be filled as default.
68	<b>CHARGES RELATED WORKAROUNDS</b> Some of the elements in the pacs.008.001.01 message are mandatory without explicit equivalent in the Fedwire CTR message. This is specifically the case for the pacs.008.001.01 ChargesInformation component where next to the ChargesAmount the ChargesParty is also required. In the Fedwire CTR only the ChargesAmount is available (up to 4 repetitions). This section describes how the pacs.008.001.01 ChargesParty is derived from the Fedwire CTR message where the party is implicit or absent.				
69	<b>Field Tag</b>	<b>Subfield</b>	<b>Context</b>	<b>Mandatory pacs.008.001.01 Element</b> FIToFICustomerCreditTransferV01 (pacs.008.001.01)  All paths preceded by "FIToFICustomerCreditTransferV01" GH = GroupHeader TX = CreditTransferTransactionInformation	<b>Comment</b>
70	<b>Charges paid by Beneficiary</b>				
71	3100		3700 starts with B	TX\ChargesInformation\ChargesParty  <i>Must be the last occurrence of            TX\ChargesInformation\ChargesParty</i>	The last occurrence of charges in field 3700 contains charges taken by the Sender.
72	5100		3700 starts with B AND 3700 contains more than 1 occurrence of charges AND 5100 is present	TX\ChargesInformation\ChargesParty  <i>Must be the first occurrence of            TX\ChargesInformation\ChargesParty</i>	The first of multiple occurrence of charges in field 3700 contains charges taken by the party in field 5100, <u>if present</u> .
73	-		3700 starts with B AND 3700 contains more than 1 occurrence of charges AND 5100 is not present	<i>Must be the first occurrence of            TX\ChargesInformation\ChargesParty</i>	Workaround to be defined by the community. If field 5100 is not present, then the first of multiple occurrences of charges in field 3700 must be assigned to a party as the ChargesParty is mandatory in the pacs.008.001.01 ChargesInformation component and not available in the Fedwire CTR source message.
74	5200		3700 starts with B AND 3700 contains more than 2 occurrences of charges AND 5200 is present	TX\ChargesInformation\ChargesParty	The last-but-one of at least 3 occurrences of charges in field 3700 contains charges taken by the Instructing Institution, identified in field 5200, <u>if present</u> .

	A	B	C	D	E
75	-		3700 starts with B AND 3700 contains more than 2 occurrences of charges AND 5200 is not present	<i>Must be the last-but-one occurrence of TX\ChargesInformation\ChargesParty</i>	Workaround to be defined by the community. If field 5200 is not present, then the last-but-one of at least 3 occurrences of charges in field 3700 must be assigned to a party as the ChargesParty is mandatory in the pacs.008.001.01 ChargesInformation component and not available in the Fedwire CTR message.
76	-		3700 starts with B AND 3700 contains more than 3 occurrences of charges	TX\ChargesInformation\ChargesParty  <i>Must be an occurrence of TX\ChargesInformation\ChargesParty between the second and last-but-two (inclusive)</i>	Workaround to be defined by the community. With more than 3 occurrences of charges in field 3700, the second till last-but-one occurrence must be assigned to a party as the ChargesParty is mandatory in the pacs.008.001.01 ChargesInformation component and not available in the Fedwire CTR message.
77	<b>Charges shared</b>				
78	3100		3700 starts with S AND 3700 contains at least 1 occurrence of charges	TX\ChargesInformation\ChargesParty  <i>Must be the last occurrence of TX\ChargesInformation\ChargesParty</i>	The last occurrence of charges in field 3700 contains charges taken by the Sender.
79	5200		3700 starts with S AND 3700 contains more than 1 occurrence of charges AND 5200 is present	TX\ChargesInformation\ChargesParty	The last-but-one of at least 2 occurrences of charges in field 3700 contains charges taken by the Instructing FI, identified in field 5200, if <u>present</u> .
80	-		3700 starts with S AND 3700 contains more than 1 occurrence of charges AND 5200 is not present	Must be the last-but-one occurrence of TX\ChargesInformation\ChargesParty	Workaround to be defined by the community. If field 5200 is not present, then the last-but-one of at least 2 occurrences of charges in field 3700 must be assigned to a party as the ChargesParty is mandatory in the pacs.008.001.01 ChargesInformation component and not available in the Fedwire CTR message.
81	-		3700 starts with S AND 3700 contains more than 2 occurrences of charges	TX\ChargesInformation\ChargesParty  <i>Must be an occurrence of TX\ChargesInformation\ChargesParty between the first and last-but-two (inclusive)</i>	Workaround to be defined by the community. With more than 2 occurrences of charges in field 3700, the first till last-but-two must be assigned to a party as the ChargesParty is mandatory in the pacs.008.001.01 ChargesInformation component and not available in the Fedwire CTR message.