

PostFinance ISO Messages for Banks

Mapping Rules pacs.008 to ESR Typ 3 and Type 4

Customer Support

Please send your Questions, Feedbacks and Comments on this document directly to interbankenzv@postfinance.ch

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1. General Information

1.1 Target Group

The present document is addressed to banks and their software providers.

1.2 Purpose and use of this document

This document describes the mapping of PostFinance pacs.008 messages to ISR type 3 and type 4 records. PostFinance supplies this publication to banks for internal mapping respectively for information & support purposes only.

Updates of this Document are published under www.postfinance.ch/banken-dokumente. Please ensure that you use always the latest available version of this document.

1.3 Definitions

For the definition of terms used within this document please refer to the official specifications (see section 1.4).

1.4 Applicable manuals

This mapping specification bases on the "[Technical definitions – PostFinance implementation guidelines for banks](#)" and the "[Record Description Electronic services](#)", Section 2 ISR Records.

1.5 Questions, suggestions and feedbacks

Banks and their software providers are requested to check the mapping rules specified in this document critically and submit their questions, suggestions and feedbacks directly to the customer support (see page 2).

1.6 Legal

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The document has been drawn up with the greatest care; however, errors and imprecisions cannot be wholly ruled out. PostFinance cannot assume any legal responsibility or liability for any errors in this document, or for their consequences.

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2. General Rules

Credit records in an ISR file are first to be ordered by ISR customer number and then by reference number. Each group of credit records with the same ISR customer number is closed with a trailing ISR total record.

Some ESR-legacy contents cannot be delivered due to missing information in pacs and will be replaced with standard values & standard elements -> see mapping rules.

2.1 Structure and logic of mapping tables

Field Name & Pos. / Pic. / opt./req.	Mapping Rules	Remarks
Field Name and values as listed in the Record Description Electronic services (see document reference)	Defines the rules on how to map the information in the pacs.008 message to the ISR-File elements	Additional information to the mapping rules

3. Mapping Rules pacs.008 → ISR Type 3

The following mapping rules apply when a user has ESR Type 3 defined AND when CdtTrfTxInf/PmtTplnf/LclInstrm/Prtry = "ESRPMT". The mapping of other payment types such as "CSTPMT" or "SLRPMT" are not subject to this document.

3.1 Credit record type 3

Field Name	Pos.	Pic.	opt./req.	Mapping rules	Remarks
Transaction code	1	X(3)	req.	IF CdtTrfTxInf/RmtInf/Ustrd DOES not CONTAIN "//CHRGs" OR CONTAINS „//CHRGs“ AND CONTAINS (“RJC”) AND does NOT CONTAIN („CDC“ OR „PPC“) THEN Transaction code = “002” ELSE IF CdtTrfTxInf/RmtInf/Ustrd CONTAINS “CDC” AND DOES NOT CONTAIN “PPC” THEN Transaction code = “012” ELSE IF CdtTrfTxInf/RmtInf/Ustrd does NOT CONTAIN “CDC” AND CONTAINS “PPC” THEN Transaction code = “102” ELSE IF CdtTrfTxInf/RmtInf/Ustrd CONTAINS “CDC” AND “PPC” THEN Transaction code = “112”	Correction and cancellation transactions are not relevant (005, 008, 015 , 018, etc) because such transactions are not delivered in pacs.008.
ISR customer no.	4	9(9)	req.	ISR customer no. = CdtTrfTxInf/CdtrAgtAcct/Id/Othr/Id	
Reference no.	13	9(27)	req.	Reference no. = CdtTrfTxInf/RmtInf/Strd/CdtrRefInf/Ref	
Amount	40	9(8)V99	req.	Amount ← CdtTrfTxInf/IntrBkSttlmAmt	ISR type 3 contains only CHF credit records
Transaction ID	50	X(10)	req.	Transaction ID = 0000 0000 (4 “0”, 2 SPACES and again 4 “0”)	The value “0000 0000” is only an example. Financial institutions may define other values.
Date of payment	60	9(6)	req.	IF CdtTrfTxInf/RmtInf/Ustrd CONTAINS “CDC” THEN Date of payment ← (GrpHdr/IntrBkSttlmDt – 2 PostWorkingDay) ELSE Date of payment ← (GrpHdr/IntrBkSttlmDt – 1 PostWorkingDay)	PostWorkingDay = BankWorkingDay with exception 1 st of Mai
Date of processing	66	9(6)	req.	Date of processing ← GrpHdr/IntrBkSttlmDt – 1 PostWorkingDay	Legacy rule, date of processing 1 PostWorkingDay before date of crediting.
Date of crediting	72	9(6)	req.	Date of crediting ← GrpHdr/IntrBkSttlmDt	
Microfilm no.	78	9(9)	req.	Microfilm no. = “000000000”	The value “0000 0000” is only an example. Financial institutions may define other values.

4. Mapping Rules pacs.008 → ESR Type 4

The following mapping rules apply when a user has ESR Type 4 defined AND when CdtTrfTxInf/PmtTplnf/LclInstrm/Prtry = "ESRPMT". The mapping of other payment types such as "CSTPMT" or "SLRPMT" are not subject to this document.

4.1 Credit record type 4

Feldname	Pos.	Picture	opt./req.	Mapping rules	Remarks
Transaction code	1	9(2)	req.	IF GrpHdr/TtlIntrBkSttlmAmt/@Ccy = "CHF" AND CdtTrfTxInf/RmtInf/Ustrd DOES not CONTAIN "PPC" THEN Transaction code = "01" ELSE IF GrpHdr/TtlIntrBkSttlmAmt/@Ccy = "CHF" AND CdtTrfTxInf/RmtInf/Ustrd CONTAINS "PPC" THEN Transaction code = "11" ELSE IF GrpHdr/TtlIntrBkSttlmAmt/@Ccy = "EUR" AND CdtTrfTxInf/RmtInf/Ustrd DOES not CONTAIN "PPC" THEN Transaction code = "21" ELSE IF GrpHdr/TtlIntrBkSttlmAmt/@Ccy = "EUR" AND CdtTrfTxInf/RmtInf/Ustrd CONTAINS "PPC" THEN Transaction code = "31"	
Transaction type	3	9	req.	Transaction type = "1"	
Origin	4	9(2)	req.	IF CdtTrfTxInf/RmtInf/Ustrd CONTAINS "CDC" THEN Origin = "01" ELSE IF CdtTrfTxInf/RmtInf/Ustrd CONTAINS ("PPC" OR "RJC") THEN Origin = "02" ELSE Origin = "03"	
Delivery type	6	9	req.	Delivery type = "1"	
ISR customer no.	7	9(9)	req.	ISR customer no. = CdtTrfTxInf/CdtrAgtAcct/Id/Othr/Id	
Reference no.	16	9(27)	req.	Reference no. = CdtTrfTxInf/RmtInf/Strd/CdtrRefInf/Ref	
	43	X(3)	req.	Currency code = GrpHdr/TtlIntrBkSttlmAmt/@Ccy	CHF or EUR
Amount	46	9(10)V99	req.	Amount ← CdtTrfTxInf/IntrBkSttlmAmt	

Feldname	Pos.	Picture	opt./req.	Mapping rules	Remarks
Financial institution's reference	58	X(35)	req.	Financial institution's reference = 00000000000000000000000000000000	The value "00000000000000000000000000000000" is only an example. Financial institutions may define other values.
Date of payment	93	9(8)	req.	IF CdtTrfTxInf/RmtInf/Ustrd CONTAINS "CDC" THEN Date of payment ← (GrpHdr/IntrBkSttlmDt - 2 PostWorkingDay) ELSE Date of payment ← (GrpHdr/IntrBkSttlmDt - 1 PostWorkingDay)	
Date of processing	101	9(8)	req.	Date of processing ← GrpHdr/IntrBkSttlmDt - 1 PostWorkingDay	
Date of crediting	109	9(8)	req.	Date of crediting ← GrpHdr/IntrBkSttlmDt	
Reject code	117	9	req.	IF CdtTrfTxInf/RmtInf/Ustrd CONTAINS "RJC" THEN Reject code = "1" ELSE Reject code = "0"	
Currency code	118	X(3)	req.	IF CdtTrfTxInf/RmtInf/Ustrd does NOT CONTAIN "//CHRGs" AND User Master Data transaction price = 0.00 THEN Currency code = GrpHdr/TtlIntrBkSttlmAmt/@Ccy ELSE IF CdtTrfTxInf/RmtInf/Ustrd does NOT CONTAIN "//CHRGs" AND User Master Data transaction price ≠ 0.00 OR IF CdtTrfTxInf/RmtInf/Ustrd CONTAINS "CDC" OR "PPC" THEN Currency code = CHF	
Fees	121	9(4)V99	req.	IF CdtTrfTxInf/RmtInf/Ustrd does NOT CONTAIN "//CHRGs" THEN Fees ← transaction price according to "Prices and conditions Business account for banks" OR IF CdtTrfTxInf/RmtInf/Ustrd CONTAINS "CDC" OR "PPC" THEN Fees ← extract charges amount for "CDC" and "PPC" and transaction price according to "Prices and conditions Business account for banks", calculate SUM of charges	Outgoing delivery price for ISR according to "Prices and conditions Business account for Banks" = CHF 0.03 per transaction
Reserve	127	X(74)		Reserve ← SPACES	

4.2 Total record type 4

Feldname	Pos.	Picture	opt./req.	Mapping rules	Remarks
Transaction code	1	9(2)	req.	IF GrpHdr/TtlIntrBkSttImAmt/@Ccy = "CHF" THEN Transaction code = "99" ELSE IF GrpHdr/TtlIntrBkSttImAmt/@Ccy = "EUR" THEN Transaction code = "98"	
Transaction type	3	9	req.	Transaction type = "1"	
Origin	4	9(2)	req.	Origin = "99"	
Delivery type	6	9	req.	Delivery type = "1"	
ISR customer no.	7	9(9)	req.	ISR customer no. = CdtTrfTxInf/CdtrAgtAcct/Id/Othr/Id	
Sorting key code	16	9(27)	req.	Sorting key code = "99999999999999999999999999999999"	
Currency code	43	X(3)	req.	IF GrpHdr/TtlIntrBkSttImAmt/@Ccy = "CHF" THEN Currency code = "CHF" ELSE IF GrpHdr/TtlIntrBkSttImAmt/@Ccy = "EUR" THEN Currency code = "EUR"	
Amount	46	9(10)V99	req.	Amount ← calculate SUM of all Credit record Amounts	
No. of transactions	58	9(12)		Number of transactions ← calculate TOTAL NUMBER of all Credit records	
Date that data medium was created	70	9(8)	req.	Date that data medium was created ← GrpHdr/IntrBkSttImDt – 1 PostWorkingDay	
Currency code	78	X(3)	req.	IF TOTAL AMOUNT OF FEES = 0.00 and GrpHdr/TtlIntrBkSttImAmt/@Ccy = "CHF" OR IF TOTAL AMOUNT OF FEES ≠0.00 and GrpHdr/TtlIntrBkSttImAmt/@Ccy = "CHF" THEN Currency code = "CHF" ELSE IF TOTAL AMOUNT OF FEES = 0.00 and GrpHdr/TtlIntrBkSttImAmt/@Ccy = "EUR" THEN Currency code = "EUR"	
Fees	81	9(9)V99	req.	Fees ← calculate TOTAL AMOUNT of credit record field "Fees" of all Credit records	
Reserve	92	X(109)		Reserve = SPACES	