

Anhang A3

International Payment Instruction

XML Example for IPI and ESR

zu «Gutschriftsanzeige
in XML»

Date of
signature(s)
Datum
(TTMMJJJJ)

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Reporting
Meldecode

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Form
Form 02

Please refer to your bank for instructions.
Ausfüllhinweise erhalten Sie bei Ihrem Finanzinstitut.

CH 0000 F137.1 11.00 150 000

IBAN★IPI

Neue Standards im Zahlungsverkehr

Appendix A3.1 XML example for Credit Advice out of an IPI Payment

The following example of a Credit Advice message identified by the reference CM-20001016-01 was sent on the 16th of May 2001 from the Financial Institution to the owner of the account number CH93 0076 2011 6238 5295 7 at ZKBKCHZZ80A. This credit originated from two IPIs and includes the following information about the credited items:

Level	Information	Data Value	Field ID
Message level	Message-Number	CM-20001016-01	A02
	Message creation date	20010516	A05
	Message function	9 (Original)	A06
Booked Item	Posting Date	20010516	B01
	Credit value date	20010517	B02
	Status of the entry	Booked	B13
	Beneficiary bank	ZKBKCHZZ80A	B03
	Creditor's account number	CH9300762011623852957	B04
	Currency of the creditor's account	CHF	A07
	Compound posted amount currency	CHF	B05
	Posted amount	481.25	B06
	Account holder name	MUSTER AG 8022 ZUERICH	B07
	Bank reference	DD-001011-001-00	B11
Single movement 1	Method of allocation of charges	BEN	C01
	Single posted amount currency	CHF	C02
	Single posted amount	181.25	C03
	Transferred amount currency	CHF	C06
	Transferred amount	181.25	C07
	Original amount currency	CHF	C04
	Original amount	200.	C05
	Charges field 1 currency	CHF	C08
	Charges field 1 (A-Bank)	18.75	C09
	Name and address of the instructing customer	PETER MUSTER MORGENSTRASSE 13 3018 BERN	C13
	Type of payment reason (Business source)	11	C19
	Reason for Payment (IPI details)	52000005678123489012	C20
	Single posting reference	DD-001011-001-01	C25
Single movement 2	Single posted amount currency	CHF	C02
	Single posted amount	300.	C03
	Transferred amount currency	CHF	C06
	Transferred amount	300.	C07

	Name and address of the instructing customer	HANS TESTER EIGERSTR. 55 3007 BERN	C13
	Type of payment reason (Business source)	11	C19
	Reason for Payment (IPI details)	58260619431506194601	C20
	Single posting reference	DD-001011-001-02	C25

The following section describes each „segment“ of the XML example presented in the sequence in which they appear in the message.

- The left side of the table contains the original XML data.
- The right side of the table contains additional comments

For access select the original [XML IPI example](#) (xml), version 3.1

XML-Data	Comments
MESSAGE LEVEL	
<Advice>	<Advice>: Beginning of the advice message
<AdviceID>CM-20001016-01</AdviceID> <AdviceDate> <Date>2001-05-16</Date> </AdviceDate> <MessageFunction>9</MessageFunction> <AdvisedAccount>	Identification of the advice <ul style="list-style-type: none"> • <AdviceID> Credit Advice Number (A02) • <AdviceDate><Date>: Message creation date (A05) • <MessageFunction>: Message function (A06)
<AccountID> <IBAN_Identifier>CH9300762011623852957</IBAN_Identifier> </AccountID> <Currency>CH</Currency> <AccountOwner> <Name>ESR-MUSTER AG, 8022 ZUERICH</Name> </AccountOwner>	Identification of Beneficiary Account <ul style="list-style-type: none"> • <IBAN_Identifier >: Creditor's account number (B04) The tag also indicates the type of account identification as IBAN • <Currency>: Account currency (A07). Required in the SWIFT model. • <AccountOwner><Name>: Account holder name (B07)
<AccountServicer> <BIC_Identifier>ZKBKCHZZ80A</BIC_Identifier> </AccountServicer>	Identification of Beneficiary Bank <ul style="list-style-type: none"> • <BIC_Identifier>: identify the type of ID as a bank clearing code (SWIFT BIC) and identification of the beneficiary bank (B03)
BOOKED ITEM	
<Entry>	<Entry>: Beginning of Entry (first booked item): Data element wrapper
<EntryID>DD-001011-001-00</EntryID> <EntryStatus>Booked</EntryStatus> <EntryDate> <Date>2001-05-16</Date> </EntryDate> <ValueDate> <Date>2001-05-17</Date> </ValueDate> <Indicator>Credit</Indicator> <EntryAmount currencyCode="CHF">481.25</EntryAmount>	Information pertaining to the Entry <ul style="list-style-type: none"> • <EntryID>: Compound posting reference (B11) • <EntryStatus>: Booked/Pending/Future (B13), Required by SWIFT • <EntryDate><Date>: Compound posting date (B01) • <ValueDate><Date>: Credit value date (B02) • <Indicator>: Credit or Debit Advice (A01) • <EntryAmount currencyCode="CHF">: Compound posted amount currency (B05) and Final compound posted amount (B06)

XML-Data	Comments
<p>SINGLE MOVEMENT 1</p> <pre> <NotInterestEntry xsi:type="Transfer"> <TransferID>DD-001011-001-01</TransferID> <TransferReason>11</TransferReason> <SinglePostedAmount currencyCode="CHF" >181.25</SinglePostedAmount> <TransferredAmount currencyCode="CHF" >181.25</TransferredAmount> <PaymentInstruction> <RemittanceInfo> <Max35_Text>52000005678123489012</Max35_ Text> </RemittanceInfo> <InstructedAmount currencyCode="CHF">200.</InstructedAmount> </PaymentInstruction> <TransferOriginator> <FreeFormatPostalAddressDetails> <AddressLine>PETER MUSTER</AddressLine> <AddressLine>MORGENSTRASSE 13</AddressLine> <AddressLine>3018 BERN</AddressLine> </FreeFormatPostalAddressDetails> </TransferOriginator> <Charge> <ChargeOption>BEN</ChargeOption> <ChargeIncluded>>true</ChargeIncluded> <ChargeAmount currencyCode="CHF">18.75</ChargeAmount> </Charge> </NotInterestEntry> </pre>	<p>Details of single movement</p> <ul style="list-style-type: none"> • <NotInterestEntry xsi:type="Transfer">: identifies this as a transfer • <TransferID>: Single posting reference (C25) • <TransferReason>: Type of payment reason (C19) • <SinglePostedAmount currencyCode="CHF" >: Single posted amount currency (C02) and Single posted amount (C03) • <TransferredAmount currencyCode="CHF" >: Transferred amount currency (C06 and Transferred amount (C07) • <RemittanceInfo><Max35_Text>: Message / Reason for payment (C20) • <InstructedAmount currencyCode="CHF">: Single posted original currency and amount (C04 and C05) • <TransferOriginator>: Name and address of the instructing customer (C13) <FreeFormatPostalAddressDetails>: Address of the insturcting customer • <Charge><ChargeOption>: Charge option (C01) • <ChargeIncluded>: Indication whether the charges are included in the calculation of the booked amount or not (true means included) (C33). • <ChargeAmount currencyCode="CHF">: Charges field 1 currency and amount (C08 and C09)

XML-Data	Comments
<p>SINGLE MOVEMENT 2</p> <pre> <NotInterestEntry xsi:type="Transfer"> <TransferID>DD-001011-001-02</TransferID> <TransferReason>11</TransferReason> <SinglePostedAmount currencyCode="CHF">300.</SinglePostedAmount> <TransferredAmount currencyCode="CHF">300.</TransferredAmount> <PaymentInstruction> <RemittanceInfo> <Max35_Text>58260619431506194601</Max35_ Text> </RemittanceInfo> </PaymentInstruction> <TransferOriginator> <Name>HANS TESTER</Name> <StructuredAddressAndCareOfDetails> <StructuredPostalAddressDetails> <StreetName>EIGERSTR.</StreetName> <StreetBuildingIdentifier>55</StreetBuildingIdentifier> <TownName>BERN</TownName> <PostCodeIdentifier>3007</PostCodeIdentifier> </StructuredPostalAddressDetails> </StructuredAddressAndCareOfDetails> </TransferOriginator> </NotInterestEntry> </pre>	<p>Details of single movement</p> <ul style="list-style-type: none"> • <NotInterestEntry xsi:type="Transfer">: identifies this as a transfer • <TransferID>: Single posting reference (C25) • <TransferReason>: Type of payment reason (C19) • <SinglePostedAmount currencyCode="CHF">: Single posted amount currency (C02) and Single posted amount (C03) • <TransferredAmount currencyCode="CHF" >: Transferred amount currency (C06 and Transferred amount (C07) • <RemittanceInfo><Max35_Text>: Message / Reason for payment (C20) • <TransferOriginator>: Name and address of the instructing customer (C13) <ul style="list-style-type: none"> <Name> Name <StructuredAddressAndCareOfDetails><StructuredPostalAddressDetails> Structured address
<pre> </Entry> </AdvisedAccount> </Advice> </pre>	<ul style="list-style-type: none"> • </Entry>: End of the booked item • </AdvisedAccount>: End of movements for beneficiary's account • </Advice>: End of the advice message

Appendix A3.2 XML example for Credit Advice out of an ESR Payment

The following example of a Credit Advice message identified by the reference ESR-12345 was sent on the 16th of May 2001 from the Financial Institution to the owner of the account number 4711.4711 at Financial Institut with BC-No. 4835. This credit resulted from an ESR Type 3 and includes the following information about the credited items:

Level	Information	Data Value	Field ID
Message level	Message-Number	ESR-12345	A02
	Message creation date (similar to ESR field 6 TR)	20010516	A05
	Message function	9 (Original)	A06
Booked Item	Posting Date (out of ESR field 7 GR)	20010516	B01
	Credit value date (out of ESR field 8 GR)	20010517	B02
	Status of the entry	Booked	B13
	Beneficiary bank	4385	B03
	Creditor's account number(similar to ESR field 2 GR/TR in case of Postfinance)	4711.4711	B04
	Currency of the creditor's account	CHF	A07
	Posted amount currency	CHF	B05
	Posted amount (out of ESR Filed 4 TR)	200.	B06
	Account holder name	ESR-MUSTER AG 8022 ZUERICH	B07
	Sum of charges currency	CHF	B08
	Sum of charges (out of ESR field 7 TR, „total amount for cash deposit charges“)	5.	B09
	Method of allocation of charges	OPT (or BEN)	B10
	Bank reference	ESR-000011-001-00	B11
Single movement	Method of allocation of charges	BEN	C01
	Single posted amount currency	CHF	C02
	Single posted amount	200.	C03
	Transferred amount currency	CHF	C06
	Transferred amount (out of ESR field 4 GR)	200.	C07
	Charges field 2 currency	CHF	C10
	Charges field 2 (out of ESR field 12GR „cash deposit charges single credit advice“)	5.	C11
	Type of payment reason (Business source)	16	C19
	Reason for Payment (out of ESR field 3 GR)	16846503299235178 0102114008	C20
	Single posting reference (in case of Postfinance: combination of fields 6,7,5,9 GR)	ESR-000011-001-01	C25

Level	Information	Data Value	Field ID
	ESR-Teilnehmer-Nr	010001628	C32
	Transaction type (out of ESR field 1 GR)	101	C28
	Microfilm No (out of ESR field 9 GR)	777666555	C22
	Reject code (out of ESR field 10 GR)	1	C29

For access select the original [XML ESR example](#) (xml), version 3.1

XML-Data	Comments
MESSAGE LEVEL	
<Advice>	<Advice>: Beginning of the Message Advice
<AdviceID>ESR-12345</AdviceID> <AdviceDate> <Date>2001-05-16</Date> </AdviceDate> <MessageFunction>9</MessageFunction> <AdvisedAccount>	Identification of the advice <ul style="list-style-type: none"> • <AdviceID> Credit Advice Number (A02) • <AdviceDate><Date>: Message creation date (A05) • <MessageFunction>: Message function (A06)
<AccountID> <Max35_Text>4711.4711</Max35_Text> </AccountID> <Currency>CHF</Currency> <AccountOwner> <Name>ESR-MUSTER AG, 8022 ZUERICH</Name> </AccountOwner>	Identification of Beneficiary Account <ul style="list-style-type: none"> • <AccountID><Max35_Text>: Creditor's account number (B04) • <Currency>: Account currency (A07). Required in the SWIFT model. • <AccountOwner><Name>: Account holder name (B07)
<AccountServicer> <ClearingSystemNumber_Identifier>9999< /ClearingSystemNumber_Identifier> </AccountServicer>	Identification of Beneficiary Bank <ul style="list-style-type: none"> • <ClearingSystemNumber_Identifier>: identify the type of ID as a Swiss clearing code (SIC BC-Number) and identification of the beneficiary bank (B03)
BOOKED ITEM	
<Entry>	<Entry>: Beginning of Entry (first booked item): Data element wrapper
<EntryID>ESR-000011-001-00</EntryID> <EntryStatus>Booked</EntryStatus> <EntryDate> <Date>2001-05-16</Date> </EntryDate> <ValueDate> <Date>2001-05-17</Date> </ValueDate> <Indicator>Credit</Indicator>	Information pertaining to the Entry <ul style="list-style-type: none"> • <EntryID>: Compound posting reference (B11) • <EntryStatus>: Booked/Pending/Future (B13), Required by SWIFT • <EntryDate><Date>: Compound posting date (B01) • <ValueDate><Date>: Credit value date (B02) • <Indicator>: Credit or Debit Advice (A01)
<EntryAmount currencyCode="CHF">200.</EntryAmount>	Posted (Entry) Monetary Amount <ul style="list-style-type: none"> • <EntryAmount currencyCode="CHF">: Compound posted amount currency (B05) and Final compound posted amount (B06)

XML-Data	Comments
<pre><NotInterestEntry xsi:type="Charge"> <ChargeOption>OPT</ChargeOption> <ChargeIncluded>>false</ChargeIncluded> <ChargeAmount currencyCode="CHF">5.</ChargeAmount> </NotInterestEntry></pre>	<p>Entry-Level Charges</p> <ul style="list-style-type: none"> • <NotInterestEntry xsi:type="Charge">: Data element wrapper with indication that these charges occurred as part of a transfer • <ChargeOption>: Method of allocation of charges (B10) • <ChargeIncluded>: Indication whether the charges are included in the calculation of the booked amount or not (false means not included) (B14). • <ChargeAmount currencyCode="CHF">: Sum of charges currency (B08) Sum of charges amount (B09)
SINGLE MOVEMENT 1	
<pre><NotInterestEntry xsi:type="Transfer"> <TransferID>ESR-000011-001- 01</TransferID> <TransferReason>16</TransferReason> <ProprietaryElement> <MicrofilmNumber>777666555</MicrofilmNu mber> <FreeText>/CH:Trx/101</FreeText> <FreeText>/CH:Reject/1</FreeText> </ProprietaryElement> <SinglePostedAmount currencyCode="CHF">200.</SinglePostedAm ount> <TransferredAmount currencyCode="CHF">200.</TransferredAmou nt> <PaymentInstruction> <RemittanceInfo> <Max35_Text>1684650329923517801021 14008</Max35_Text> </RemittanceInfo> <TransactionBeneficiaryAccountID> <Max35_Text>010001628</Max35_Text> </TransactionBeneficiaryAccountID> </PaymentInstruction> <Charge> <ChargeOption>BEN</ChargeOption> <ChargeIncluded>>false</ChargeIncluded> <ChargeAmount currencyCode="CHF">5.</ChargeAmount> </Charge> </NotInterestEntry></pre>	<p>Details of single movement</p> <ul style="list-style-type: none"> • <NotInterestEntry xsi:type="Transfer">: identifies this as a transfer • <TransferID>: Single posting reference (C25) • <TransferReason>: Type of payment reason (C19) • <ProprietaryElement><MicrofilmNumber>: Microfilm No. (C22) • <ProprietaryElement><FreeText>/CH:Trx/: Transaction type (C28) • <ProprietaryElement><FreeText>/CH:Reject/ : Reject code (C29) • <SinglePostedAmount currencyCode="CHF"> Single posted amount currency (C02) and Single posted amount (C03) • <TransferredAmount currencyCode="CHF" >: Transferred amount currency (C06 and Transferred amount (C07) • <RemittanceInfo><Max35_Text>: Message / Reason for payment (C20) • <TransactionBeneficiaryAccountID><Max35_Text>: ERS-Teilnehmer-Nr "01-162-8" of the original biller (C32) • <Charge><ChargeOption>: Charge option (C01) • <ChargeIncluded>: Indication whether the charges are included in the calculation of the booked amount or not (false means not included) (C033). • <ChargeAmount currencyCode="CHF"> Charges field 1 currency and amount (C08 and C09)
<pre></Entry> </AdvisedAccount> </Advice></pre>	<ul style="list-style-type: none"> • </Entry>: End of the booked item • </AdvisedAccount>: End of movements for beneficiary's account • </Advice>: End of the Message

Change control

The following changes have been made to this document since Version 2.0 / 10.01.

Date	Chapter	Change
15.01.2002		Changes out of the use of XML Schema generated by SWIFT in 10.2001 instead of DTD generated by SWIFT in 05.2001.