

SEPA Direct Debit

PAIN.008.001.02
XML File Structure

Bank of Ireland 

For small steps, for big steps, for life

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1. Document Overview

This document details the PAIN.008.001.02 file format that will be accepted by Bank of Ireland for SEPA Direct Debit Collections.

Bank of Ireland is implementing the industry PAIN formats as outlined by the Irish Payments Service Organisation (IPSO). This document adheres to the following file specification available on the IPSO website:

- ▶ IPSO Customer File Formats V10

1.1. Background

SEPA aims to create a single, integrated and standardised payments market across the current SEPA countries in Europe.

Bank of Ireland has also published a Direct Debit Readiness Checklist for (direct debit) creditors on the Group website. To ensure you are aware of the changes required within your business please visit: <http://bankofireland.com/SEPA>

1.2. Document Purpose

The purpose of this document is to outline the PAIN008.001.02 XML file format that will be accepted by Bank of Ireland.

Knowledge of XML is recommended to interpret this document.

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2. The Character Set

The PAIN.008.001.02 message format can support a range of characters; the following are the supported characters which are the basic Latin character set:

a b c d e f g h i j k l m n o p q r s t u v w x y z

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9

/ - ? : () . , ' +

Space

If required, the following characters can also be used in text or information fields only, but must be provided using the XML representation shown.

Special XML Character	XML Representation
& (ampersand)	&
< (left brace)	<
> (right brace)	>
“ (double quotation)	"

e.g. AB & C Transport would populate their name in a PAIN.008, appearing as:

```
<Cdtr>  
  <Nm>AB &amp; C TRANSPORT </Nm>  
</Cdtr>
```

Note: Senders must ensure that the content of Identifiers/reference data elements is restricted to the restricted basic Latin character set (across). If non supported characters are used in these fields they may lead to rejection of files or transactions in the payment chain

Exceptionally, the content of Identifiers/reference data elements

- ▶ Must not start or end with a '/'
- ▶ Must not contain two consecutive '/'s anywhere in the data element

These identifier fields include the following:

Mandatory Fields

- ▶ End-to-End Identification (NB: This must be unique within the Batch).
- ▶ Mandate Identification
- ▶ Message Identification
- ▶ Payment Information Identification (NB: This must be unique within the File).

Optional Fields





- ▶ Instruction Identification
- ▶ Creditor and Debtor Identification
- ▶ Ultimate Debtor/Creditor Identification
- ▶ Original mandate identification
- ▶ Remittance Information
- ▶ Proprietary Codes

Additionally, the content of Message Identification - Must not contain an apostrophe.

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3. Field Types

The following section details the type of fields that are contained in the specification document.

-  Mandatory Fields – Fields must be populated or the file/batch/collection will be rejected
-  Optional Fields – Creditor to decide if this field needs to be populated
-  Conditional Fields – The PAIN.008.001.02 file allows the creditor to amend mandate details. Where amendments are made particular fields become mandatory, these fields have been marked as conditional.
-  Payment Information (Batch)/Transaction Level – These fields must be populated at a payment information (batch) or transaction level. Bank of Ireland recommends populating these fields at a payment information (batch) level. Note: There are a number of fields that may be populated at payment information level or at transaction level.

Note: There are a number of fields that may be populated at payment information level or at transaction level.


The Creditor Scheme Identification must be populated, and Bank of Ireland recommends populating at payment information (batch) level.

The following fields are optional and, if used, may be populated at payment information (batch) or transaction level;

- ▶ Ultimate Creditor
- ▶ Charge Bearer

4. Usage Rules

For a number of fields usage rules must be followed. There are outlined throughout the specification and failure to adhere to these usage rules will result in failed payments/batches/files.

 Usage Rules – can be found in the Grey banners.

5. Unused Optional Tags

Where optional tags have not been populated, the tag should be omitted from the file along with its parent tag.

6. Batching

Your SEPA Direct Debit file may contain multiple payment batches. It is important to note that the maximum number of batches per file is 50.

Please see the Creditor Guide Section 3.1 for more information. SEPA Direct Debit Creditor Guide

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7. Tag Depth Structure

In the 'TAG DEPTH' column within the file format table below, each of the 'field name' tags are represented by a '+'.
These '+' icons represent the depth of the field name tag within the document.

For example:

'+' would represent a Parent Element

'++' would represent the Child Element of the previous Parent Element

Tag Depth	Tag Structure
+	<>
++	<> <>
+++	<> <> <>

8. File Name

The following rules apply to the file name:

- 1.The file name must contain the following reference 'PAIN008'. This may appear at the beginning or within the filename.
- 2.The file extension must be '.xml'.
- 3.Filename must not exceed 50 characters.
- 4.Only alphanumeric characters and the underscore “_” character can be used in the filename (preceding the file extension '.xml').
- 5.Filename must contain no spaces.

Example: 20150628001PAIN008.xml

It is recommended that a unique file name is used for each file. For example, this can be achieved by incorporating a date or sequence number of your own choosing

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9. File Format Table

Field Index - Field Name – Tag (Field Index as referenced in EPC Implementation Guide)	Tag Depth	Content	Mandatory / Optional / Conditional	Description	Data
<?xml version="1.0" encoding="UTF-8"?>		Empty Tag	Mandatory	This tag must always be placed before the group header tag	
<Document xmlns="urn:iso:std:iso:20022:tech:xsd:pain.008.001.02" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">		Empty Tag	Mandatory	This tag must always be placed before the group header tag	
<CstmrDrctDbtInIt>		Empty Tag	Mandatory	This tag must always be placed before the group header tag	

Group Header Block – this can only occur once per file					
Field Index - Field Name – Tag	Tag Depth	Content	Mandatory / Optional / Conditional	Description	Data
Group Header <GrpHdr>	+	Empty Tag	Mandatory		
1.2 Message Identification <MsgId>	++	Yes	Mandatory	Creditor's unique identifier of the submitted file/bulk Note: This ID cannot be reused on future files	Data Type: Text Format: Max length: 35 Min length: 1
1.2 Creation Date Time <CreDtTm>	++	Yes	Mandatory	Date and time that the file was created	Data Type: ISODateTime Format: YYYY-MM-DDTHH:MM:SS e.g. 2012-02-06T08:35:30
1.4 Number Of Transactions <NbOfTxs>	++	Yes	Mandatory	Number of individual transactions contained in the file	Data Type: Max15NumericText Format: [0-9] {1,15}
1.5 Control Sum <CtrlSum>	++	Yes	Mandatory	Total of all individual amounts included in the file	Data Type: Decimal Number Format: Fraction Digits: 2 Total Digits: 18

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Group Header Block – this can only occur once per file					
Field Index - Field Name – Tag	Tag Depth	Content	Mandatory / Optional / Conditional	Description	
Initiating Party Usage Rule: For Group Header BOI originators must populate either Private ID or Organisation ID					
1.6 Initiating Party <InitgPty>	++	Empty Tag	Mandatory		
1.7 Name <Nm>	+++	Yes	Optional		Data Type: Text Max 70
1.9 Identification <Id>	+++	Empty Tag	Mandatory		
1.10 Organisation Identification <OrgId>	++++	Empty Tag	Optional see usage rule above		
1.10 Other <Othr>	+++++	Empty Tag	Mandatory		
1.10 Identification <Id>	+++++	Yes	Mandatory	Populate with Creditor Scheme Identification - SEPA equivalent of OIN Number	Data Type: Text Format: Max length: 35 Min length: 1
Scheme Name Usage Rule: Scheme Name is optional, if used either Code or Proprietary must be populated					
1.10 Scheme Name <SchmeNm>	+++++	Empty Tag	Optional		
1.10 Code <Cd>	+++++	Yes	Optional see usage rule above		Data Type: Text Format: Max length: 4 Min length: 1
1.10 Proprietary <Prtry>	+++++	Yes	Optional see usage rule above		Data Type: Text Format: Max length: 35 Min length: 1
1.10 Issuer <Issr>	+++++	Yes	Optional		Data Type: Text Format: Max length: 35 Min length: 1
1.11 Private Identification <PrvtId>	++++	Empty Tag	Optional see usage rule above		
1.11 Other <Othr>	+++++	Empty Tag	Mandatory		
1.11 Identification <Id>	+++++	Yes	Mandatory	Populate with Creditor Scheme Identification - SEPA equivalent of OIN Number	Data Type: Text Format: Max length: 35 Min length: 1

Usage Rules

Mandatory Fields

Optional Fields

Conditional Fields

Payment Information
(Batch) / Transaction Level

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Group Header Block – this can only occur once per file					
Field Index - Field Name – Tag	Tag Depth	Content	Mandatory / Optional / Conditional	Description	
Scheme Name Usage Rule: Scheme Name is optional, if used either Code or Proprietary must be populated					
1.11 Scheme Name <SchmeNm>	++++++	EmptyTag	Optional		
1.11 Code <Cd>	++++++	Yes	Optional see usage rule above		Data Type: Text Format: Max length: 4 Min length: 1
1.11 Proprietary <Prtry>	++++++	yes	Optional see usage rule above		Data Type: Text Format: Max length: 35 Min length: 1
1.11 Issuer <Issr>	++++++	Yes	Optional		Data Type: Text Format: Max length: 35 Min length: 1

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Payments Information (Batch) Block – this can occur multiple times within a file						
Field Index - Field Name – Tag	Tag Depth	Content	Mandatory / Optional / Conditional	Description		
2.0	Payment Information <PmtInf>	+	Empty Tag	Mandatory		
2.1	Payment Information Identification <PmtInfd>	++	Yes	Mandatory	Creditor's unique identifier of this batch of transactions within this file PLEASE NOTE – THIS MUST BE UNIQUE WITHIN THE FILE	Data Type: Text Format: Max length: 35 Min length: 1
2.2	Payment Method <PmtMtd>	++	Yes	Mandatory	Specifies the means of payment that will be used to move the amount of money	Only 'DD' is allowed
Batch Booking Usage Rule: May be populated with true or false however payments will always be batch. Creditors are permitted to omit field						
2.3	Batch Booking <BtchBookg>	++	Yes	Optional	Payments will always be batched regardless of what creditor populates here	Data Type: Indicator Format: true, false
2.4	Number Of Transactions <NbOfTxs>	++	Yes	Mandatory	Populate with number of transactions in batch	Data Type: Numeric Text Format: [0-9] {1,15}
2.5	Control Sum <CtrlSum>	++	Yes	Mandatory	Total of all individual amounts included in the batch	Data Type: Decimal Number Format: Fraction Digits: 2 Total Digits: 18
Payment Type Information Usage Rule: Payment Type Information must be specified at batch or transaction level. If specified at batch level (PmtInf), it should not be specified at transaction level (DrctDbtTxInf)						
2.6	Payment Type Information <PmtTplnf>	++	Empty Tag	Optional see usage rule above		
2.8	Service Level <SvcLvl>	+++	Empty Tag	Mandatory		
2.9	Code <Cd>	++++	Yes	Mandatory	Specifies a pre-agreed service or level of service between the parties, as published in an external service level code list	Only 'SEPA' is allowed
2.11	Local Instrument <LclInstrm>	+++	Empty Tag	Mandatory		
2.12	Code <Cd>	++++	Yes	Mandatory	Specifies the local instrument	Only 'CORE' is allowed

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Payments Information (Batch) Block – this can occur multiple times within a file					
Field Index - Field Name – Tag	Tag Depth	Content	Mandatory / Optional / Conditional	Description	
2.14 Sequence Type <SeqTp>	+++	Yes	Mandatory	Identifies the direct debit sequence, such as first, recurrent, final or one-off	Code: FRST, RCUR, OOFF, FNAL
Category Purpose Usage Rule: Category Purpose is optional. If specified Code or Proprietary must be populated					
2.15 Category Purpose <CtgyPurp>	+++	Empty Tag	Optional		
2.15 Code <Cd>	++++	Yes	Optional see usage rule above	This is used by the initiating party to provide information concerning the processing of the payment – code form	Format: Max length: 4 Min length: 1 see code list in appendix
2.15 Proprietary <Prtry>	++++	Yes	Optional see usage rule above	This is used by the initiating party to provide information concerning the processing of the payment – proprietary form	Data Type: Text Format: Max length: 35 Min length: 1
2.16 Requested Collection Date <ReqdColltnDt>	++	Yes	Mandatory	Date on which the creditor requests that the amount of money is to be collected from the debtor File must be submitted at least 6 days in advance of this date for first collections and at least 3 days in advance of this data for subsequent collections Cut off times also apply	Data Type: ISODate Format: YYYY-MM-DD e.g. 1998-03-30
2.17 Creditor <Cdtr>	++	Empty Tag	Mandatory		
2.18 Name <Nm>	+++	Yes	Mandatory	Name by which a creditor party is known and which is usually used to identify that party	Data Type: Text Format: Max length: 70 Min length: 1
2.19 Postal Address <PstlAdr>	+++	Empty Tag	Optional		
2.28 Country <Ctry>	++++	Yes	Optional	Country Code of creditor	Format: [A-Z]{2,2} ISO 3166, Alpha-2 code

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Payments Information (Batch) Block – this can occur multiple times within a file					
Field Index - Field Name – Tag	Tag Depth	Content	Mandatory / Optional / Conditional	Description	
2.29 Address Line (2) <Adrline>	++++	Yes	Optional	Creditor postal address in free format text Note: Two occurrences of this tag are allowed	Data Type: Text Format: Max length: 70 Min length: 1
2.33 Creditor Account <CdtrAcct>	++	Empty Tag	Mandatory		
2.34 Identification <Id>	+++	Empty Tag	Mandatory		
2.34 IBAN <IBAN>	++++	Yes	Mandatory	International Bank Account Number (IBAN) of the creditor to which a credit entry will be posted as a result of the payment transaction	Data Type: IBAN2007Identifier Format: [A-Z]{2,2}[0-9]{2,2}[a-zA-Z0-9]{1,30}
2.36 Currency <Ccy>	+++	Yes	Optional	Identification of the currency in which the account is held Note: No processing or validation is completed on this field – for information purpose only	Currency Code Format: [A-Z]{3,3} Valid active or historic currency codes are registered with the ISO 4217
Creditor Agent Usage Rule: Either BIC or Other/Identification must be used. Only one occurrence is allowed.					
2.38 Creditor Agent <CdtrAgt>	++	Empty Tag	Mandatory		
2.39 Financial Institution Identification <FinInstnId>	+++	Empty Tag	Mandatory		
2.21 BIC <BIC>	++++	Yes	Optional	Bank Identifier Code. Cannot be used at the same time as the <Other><Id>.	Data Type: BIC Identifier Format: [A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}.THIS MUST BE 'BOFIE2D or BOFIE2DXXX
2..21 Other<Othr>	++++	Empty Tag	Optional		
2.21 Identification<Id>	+++++	Yes	Optional	See usage rule above	Only NOTPROVIDED is allowed.
Ultimate Creditor Usage Rule – Ultimate Creditor is an optional field, if used the Name and Identification can be populated at either batch or transaction level					
2.50 Ultimate Creditor <UltmtCdtr>	++	Empty Tag	Optional		
2.51 Name <Nm>	+++	Yes	Optional	Ultimate party to which an amount of money is due	Data Type: Text Format: Max length: 70 Min length: 1

Usage Rules
 Mandatory Fields
 Optional Fields
 Conditional Fields
 Payment Information (Batch) / Transaction Level

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Payments Information (Batch) Block – this can occur multiple times within a file						
Field Index - Field Name – Tag	Tag Depth	Content	Mandatory / Optional / Conditional	Description		
Identification Usage Rule – Either Organisation Identification or Private Identification to be populated						
2.53 Identification <Id>	+++	Empty Tag	Optional			
Organisation Identification Usage Rule: Either 'BIC or BEI' or one occurrence of 'Other' is allowed.						
2.54 Organisation Identification <OrgId>	++++	Empty Tag	Optional			
2.54 BICorBEI <BICorBEI>	+++++	Yes	Optional	BIC Identifier	Data Type: Any BIC Identifier Format: [A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}	
2.54 Other <Othr>	+++++	Empty Tag	Optional			
2.54 Identification <Id>	++++++	Yes	Optional	Identification assigned by an institution	Data Type: Text Format: Max length: 35 Min length: 1	
2.54 Scheme Name <SchmeNm>	++++++	No	Optional			
2.54 Code <Cd>	++++++	Yes	Optional	Name of the identification scheme, in a coded form as published in an external list	Data Type: ExternalOrganisationIdentification1Code Format: Max Length: 4 Min length: 1	
2.54 Proprietary <Prtry>	++++++	Yes	Optional	Name of the identification scheme, in a free text form	Data Type: Text Format: Max length: 35 Min length: 1	
2.54 Issuer <Issr>	++++++	Yes	Optional	Entity that assigns the identification	Data Type: Text Format: Max length: 35 Min length: 1	
Private Identification Usage Rule: Either 'Date and Place of Birth' or one occurrence of 'Other' is allowed						
2.55 Private Identification <PrvtId>	++++	Empty Tag	Optional			

Usage Rules

Mandatory Fields

Optional Fields

Conditional Fields

Payment Information
(Batch) / Transaction Level

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Payments Information (Batch) Block – this can occur multiple times within a file					
Field Index - Field Name – Tag	Tag Depth	Content	Mandatory / Optional / Conditional	Description	
2.55 Date And Place Of Birth <DtAndPlcOfBirth>	+++++	Empty Tag	Optional		
2.55 Birth Date <BirthDt>	++++++	Yes	Optional	Date on which a person is born	Data Type: ISODate Format: YYYY-MM-DD e.g. 1998-03-30
2.55 Province Of Birth <PrvcOfBirth>	++++++	Yes	Optional	Province where a person was born	Data Type: Text Format: Max length: 35 Min length: 1
2.55 City Of Birth <CityOfBirth>	++++++	Yes	Optional	City where a person was born	Data Type: Text Format: Max length: 35 Min length: 1
2.55 Country Of Birth <CtryOfBirth>	++++++	Yes	Optional	Country where a person was born	Data Type: Country Code Format: [A-Z]{2,2}
2.55 Other <Othr>	+++++	Empty Tag	Optional		
2.55 Identification <Id>	++++++	Yes	Optional	Identification assigned by an institution	Data Type: Text Format: Max length: 35 Min length: 1
2.55 Scheme Name <SchmeNm>	++++++	No	Optional		
2.55 Code <Cd>	++++++	Yes	Optional	Name of the identification scheme, in a coded form as published in an external list	Data Type: ExternalPersonal Identification1 Code Format: Max length: 4 Min length: 1
2.55 Proprietary <Prtry>	++++++	Yes	Optional	Name of the identification scheme, in a free text form	Data Type: Text Format: Max length: 35 Min length: 1

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Payments Information (Batch) Block – this can occur multiple times within a file					
Field Index - Field Name – Tag	Tag Depth	Content	Mandatory / Optional / Conditional	Description	
2.55 Issuer <Issr>	++++++	Yes	Optional	Entity that assigns the identification	Data Type: Text Format: Max length: 35 Min length: 1
Charge Bearer Usage Rule: Charge Bearer is optional and may be populated at payment information or transaction level. BOI recommend to populate at payment information level					
2.58 Charge Bearer <ChrgBr>	++	Yes	Optional	Specifies which party/parties will bear the charges associated with the processing of the payment transaction	Only 'SLEV' is allowed
Creditor Scheme Identification Usage Rule: CID must be populated at either payment information or transaction level. BOI recommend to populate at payment information level					
2.64 Creditor Scheme Identification <CctrSchmeld>	++	Empty Tag	Advise to populate at Payment information (batch) level		
2.64 Identification <Id>	+++	Empty Tag	Advise to populate at pymt info (batch) level		
2.66 Private Identification <PrvtId>	++++	Empty Tag	Advise to populate at pymt info (batch) level		
2.68 Other <Othr>	+++++	Empty Tag	Advise to populate at pymt info (batch) level		
2.68 Identification <Id>	++++++	Yes	Advise to populate at pymt info (batch) level	This contains the Creditor Scheme identifier (CID) - formerly OIN	Data: Text Format: Max length: 35 Min length: 1
2.68 Scheme Name <SchmeNm>	++++++	Empty Tag	Advise to populate at pymt info (batch) level		
2.68 Proprietary <Prtry>	++++++	Yes	Advise to populate at pymt info (batch) level	Name of the identification scheme, in a free text form	Must contain 'SEPA'

Usage Rules

Mandatory Fields

Optional Fields

Conditional Fields

Payment Information (Batch) / Transaction Level

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Transaction Information Block – this can occur multiple times within a Payment Information Block						
Field Index - Field Name – Tag	Tag Depth	Content	Mandatory / Optional / Conditional	Description		
2.71 Direct Debit Transaction Information <DrctDbtTxInf>	++	Empty Tag	Mandatory			
2.72 Payment Identification <PmtId>	+++	Empty Tag	Mandatory			
2.73 Payment Identification/Instruction Identification <InstrId>	++++	Yes	Optional	Secondary identification that the creditor may place on the payment Note: Many creditors will choose not to use this field unless there is a business reason to do so	Data Type: Text Format: Max length: 35 Min length: 1	
2.74 Payment Identification/End to End Identification <EndToEndId>	++++	Yes	Mandatory	Creditor's unique reference on the transaction – THIS MUST BE UNIQUE WITHIN THE BATCH	Data Type: Text Format: Max length: 35 Min length: 1	
2.74 Instructed Amount <InstdAmt>	+++	Yes	Mandatory	Amount of money to be moved between the debtor and creditor	Usage Rule: Only 'EUR' is allowed. Usage Rule: Amount must be 0.01 or more and 999999999.99 or less Format Rule: The fractional part has a maximum of two digits e.g. <InstdAmt Ccy="EUR">3421.00</InstdAmt>	
Payment Type Information Usage Rule: Payment Type Information must be specified at batch or transaction level. If specified at transaction level (DrctDbtTxInf), it should not be specified at batch level (PmtInf)						
2.75 Payment Type Information <PmtTInf>	+++	Empty Tag	Optional see usage rule above			
2.75 Service Level <SvcLvl>	++++	Empty Tag	Mandatory			
2.75 Code <Cd>	+++++	Yes	Mandatory	Specifies a pre-agreed service or level of service between the parties, as published in an external service level level code list	Only 'SEPA' is allowed	
2.75 Local Instrument <LclInstrm>	++++	Empty Tag	Mandatory			
2.75 Code <Cd>	+++++	Yes	Mandatory	Specifies the local instrument	Only 'CORE' is allowed	

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2.75 Sequence Type <SeqTp>	++++	Yes	Mandatory	Identifies the direct debit sequence, such as first, recurrent, final or one-off	Code: FRST, RCUR, OOFF, FNAL
Category Purpose Usage Rule: Category Purpose is optional. If specified Code or Proprietary must be populated					
2.75 Category Purpose <CtgyPurp>	++++	Empty Tag	Optional		
2.75 Code <Cd>	+++++	Yes	Optional see usage rule above	This is used by the initiating party to provide information concerning the processing of the payment – code form	Format: Max length: 4 Min length: 1 see code list in appendix
2.75 Proprietary <Prtry>	+++++	Yes	Optional see usage rule above	This is used by the initiating party to provide information concerning the processing of the payment – proprietary form	Data Type: Text Format: Max length: 35 Min length: 1
Charge Bearer Usage Rule: Charge Bearer is optional and may be populated at payment information or transaction level. BOI recommend to populate at payment information level					
2.77 Charge Bearer <ChrgBr>	+++	Yes	Advise to populate at pymt info level	Specifies which party/parties will bear the charges associated with the processing of the payment transaction	Only 'SLEV' is allowed
2.78 Direct Debit Transaction <DrctDbtTx>	+++	Empty Tag	Mandatory		
2.79 Mandate Related Information <MndtRltdInf>	++++	Empty Tag	Mandatory		
2.80 Mandate Identification <MndtId>	+++++	Yes	Mandatory	Unique Mandate Reference	Data Type: Text Format: Max length: 35 Min length: 1

Usage Rules

Mandatory Fields

Optional Fields

Conditional Fields

Payment Information
(Batch) / Transaction Level

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Transaction Information Block – this can occur multiple times within a Payment Information Block					
Field Index - Field Name – Tag	Tag Depth	Content	Mandatory / Optional / Conditional	Description	
2.81 Date of Signature <DtOfSgntr>	+++++	Yes	Mandatory	Date on which the direct debit mandate has been signed by the debtor	Data Type: ISODate Format: YYYY-MM-DD e.g. 1998-03-30
Amendment Indicator Usage Rule: Amendment indicator must be set to true when an amendment has been made and the relevant details added to the amended field					
2.82 Amendment Indicator <AmdmntInd>	+++++	Yes	Optional	Indicator notifying whether the underlying mandate is amended or not	true when an amendment has been made ;otherwise do not put this tag in the file
2.84 Amendment Information Details <AmdmntInfDtls>	+++++	Empty Tag	Conditional		
2.84 Original Mandate Identification <OrgnlMndtId>	++++++	Yes	Conditional	Previous UMR is included here if an amendment has been made to the UMR (see 2.48)	Data Type: Text Format: Max length: 35 Min length: 1
2.85 Original Creditor Scheme ID <OrgnlCdtrSchmeld>	++++++	Empty Tag	Empty Tag		
2.86 Name <Nm>	+++++++	Yes	Conditional	Previous creditor name. If present the new 'Name' must be specified under Creditor – 2.19	Data Type: Text Format: Max length: 70 Min length: 1
2.88 Identification <Id>	+++++++	Empty Tag	Conditional		
2.90 Private Identification <PrvtId>	+++++++	Empty Tag	Conditional		
2.92 Other <Othr>	+++++++	Empty Tag	Conditional		
2.92 Identification <Id>	+++++++ +++	Yes	Conditional	Previous creditor scheme identification	Data Type: Text Format: Max length: 35 Min length: 1

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Transaction Information Block – this can occur multiple times within a Payment Information Block					
Field Index - Field Name – Tag	Tag Depth	Content	Mandatory / Optional / Conditional	Description	
2.92 Scheme Name <SchmeNm>	+++++++ +++	Empty Tag	Conditional		
2.92 Proprietary <Prtry>	+++++++ ++++	Empty Tag	Empty Tag	Name of the identification scheme, in a free text form	Must contain SEPA
2.98 Original Debtor Account <OrgnIDbtrAcct>	+++++++	+++++++	Conditional		
2.98 Identification <Id>	+++++++	Empty Tag	Empty Tag		
2.98 IBAN <IBAN>	+++++++	Yes	Conditional	Original debtor account that has been modified	Data Type: IBAN2007Identifier Format: [A-Z]{2,2}[0-9]{2,2}[a-zA-Z0-9]{1,30}
2.98 Other <Othr>	+++++++	Empty Tag	Conditional		
2.98 Identification <Id>	+++++++	Yes	Conditional	Must be populated with 'SMNDA' to indicate same mandate with new debtor account	SMNDA Must not be used in conjunction with Original Debtor IBAN or Original Debtor BIC
Original Debtor Agent Usage Rule: Can be used with 'FRST, RCUR or FNAL' indicator in the 'Sequence Type' Field Index 2.14 in the Payment Information Block					
2.99 Original Debtor Agent <OrgnIDbtrAgt>	+++++++	Empty Tag	Conditional		
2.99 Financial Institution Identification <FinInstnId>	+++++++	Empty Tag	Conditional		
2.99 BIC <BIC>	+++++++	Yes	Conditional		
Electronic Signature Usage Rule: This data element is not to be used if the mandate is a paper mandate					
2.103 Electronic Signature <ElctrncSgntr>	+++++	Yes	Optional	Additional security provisions, such as a digital signature, as provided by the debtor	Data Type: Text Format: Max length: 1025 Min length: 1

Usage Rules

Mandatory Fields

Optional Fields

Conditional Fields

Payment Information
(Batch) / Transaction Level

SEPA Direct Debit PAIN.008.001.02 XML File Structure

Transaction Information Block – this can occur multiple times within a Payment Information Block					
Field Index - Field Name – Tag	Tag Depth	Content	Mandatory / Optional / Conditional	Description	
Creditor Scheme Identification Usage Rule: CID must be populated at either payment information or transaction level. BOI recommend to populate at payment information level					
2.107 Creditor Scheme Identification <CdtrSchmeld>	++++	Empty Tag	Advise to populate at pymt info level		
2.110 Identification <Id>	+++++	Empty Tag	Advise to populate at pymt info level		
2.112 Private Identification <PrvtId>	++++++	Empty Tag	Advise to populate at pymt info level		
2.114 Other <Othr>	+++++++	Empty Tag	Advise to populate at pymt info level		
2.114 Identification <Id>	+++++++	Yes	Advise to populate at pymt info level	This contains the Creditor Scheme identifier (CID) - formerly OIN	Data Type: Text Format: Max length: 35 Min length: 1
2.114 Scheme Name <SchmeNm>	+++++++	Empty Tag	Advise to populate at pymt info level		
2.114 Proprietary <Prtry>	+++++++	Yes	Advise to populate at pymt info level	Name of the identification scheme, in a free text form	Must contain 'SEPA'
Ultimate Creditor Usage Rule – Ultimate Creditor is optional, if used Name and Identification can be populated at batch or transaction level					
2.119 Ultimate Creditor <UltmtCdtr>	+++	Empty Tag	Optional		
2.120 Name <Nm>	++++	Yes	Optional	Ultimate party to which an amount of money is due	Data Type: Text Format: Max length: 70 Min length: 1
Identification Usage Rule – Either Organisation Identification or Private Identification to be populated					
2.112 Identification <Id>	++++	Empty Tag	Optional		

SEPA Direct Debit PAIN.008.001.02 XML File Structure

Transaction Information Block – this can occur multiple times within a Payment Information Block					
Field Index - Field Name – Tag	Tag Depth	Content	Mandatory / Optional / Conditional	Description	
Organisation Identification Usage Rule: Either 'BIC or BEI' or one occurrence of 'Other' is allowed.					
2.123 Organisation Identification <OrgId>	+++++	Empty Tag	Optional		
2.123 BICOrBEI <BICOrBEI>	+++++	Yes	Optional	BIC Identifier	Data Type: Any BIC Identifier Format: [A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}
2.123 Other <Othr>	+++++	Empty Tag	Optional		
2.123 Identification <Id>	+++++	Yes	Optional	Identification assigned by an institution	Data Type: Text Format: Max length: 35 Min length: 1
2.123 Scheme Name <SchmeNm>	+++++	No	Optional		
2.123 Code <Cd>	+++++	Yes	Optional	Name of the identification scheme, in a coded form as published in an external list	Data Type: ExternalOrganisationIdentification1Code Format: Max Length: 4 Min length: 1
2.123 Proprietary <Prtry>	+++++	Yes	Optional	Name of the identification scheme, in a free text form	Data Type: Text Format: Max length: 35 Min length: 1
2.123 Issuer <Issr>	+++++	Yes	Yes	Entity that assigns the identification	Data Type: Text Format: Max length: 35 Min length: 1
Private Identification Usage Rule: Either 'Date and Place of Birth' or one occurrence of 'Other' is allowed					
2.124 Private Identification <PrvtId>	+++++	Empty Tag	Optional		
2.124 Date And Place Of Birth <DtAndPlcOfBirth>	+++++	Empty Tag	Optional		

Usage Rules

Mandatory Fields

Optional Fields

Conditional Fields

Payment Information
(Batch) / Transaction Level

SEPA Direct Debit PAIN.008.001.02 XML File Structure

Transaction Information Block – this can occur multiple times within a Payment Information Block					
Field Index - Field Name – Tag	Tag Depth	Content	Mandatory / Optional / Conditional	Description	
2.124 Birth Date <BirthDt>	+++++++	Yes	Optional	Date on which a person is born	Data Type: ISODate Format: YYYY-MM-DD e.g. 1998-03-30
2.124 Province Of Birth <PrvcOfBirth>	+++++++	Yes	Optional	Province where a person was born	Data Type: Text Format: Max length: 35 Min length: 1
2.124 City Of Birth <CityOfBirth>	+++++++	Yes	Optional	City where a person was born	Data Type: Text Format: Max length: 35 Min length: 1
2.124 Country Of Birth <CtryOfBirth>	+++++++	Yes	Optional	Country where a person was born	Data Type: Country Code Format: [A-Z]{2,2}
2.124 Other <Othr>	+++++	Empty Tag	Optional		
2.124 Identification <Id>	+++++++	Yes	Optional	Identification assigned by an institution	Data Type: Text Format: Max length: 35 Min length: 1
2.124 Scheme Name <SchmeNm>	+++++++	No	Optional		
2.124 Code <Cd>	+++++++	Yes	Optional	Name of the identification scheme, in a coded form as published in an external list	Data Type: ExternalPersonal Identification1 Code Format: Max length: 4 Min length: 1
2.124 Proprietary <Prtry>	+++++++	Yes	Optional	Name of the identification scheme, in a free text form	Data Type: Text Format: Max length: 35 Min length: 1
2.69 Issuer <Issr>	+++++++	Yes	Optional	Entity that assigns the identification	Data Type: Text Format: Max length: 35 Min length: 1

Usage Rules

Mandatory Fields

Optional Fields

Conditional Fields

Payment Information
(Batch) / Transaction Level

SEPA Direct Debit PAIN.008.001.02 XML File Structure

Transaction Information Block – this can occur multiple times within a Payment Information Block					
Field Index - Field Name – Tag	Tag Depth	Content	Mandatory / Optional / Conditional	Description	
Debtor Agent Usage Rule: Either BIC or Other/Identification must be used. Only one occurrence is allowed.					
2.127 Debtor Agent <DbtrAgt>	+++	Empty Tag	Mandatory		
2.128 Financial Institution Identification <FinInstnId>	++++	Empty Tag	Mandatory		
2.129 BIC <BIC>	++++	Yes	Optional	Bank Identifier Code. Cannot be used at the same time as the <Other><Id>.	Data Type: BIC Identifier Format: [A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}.
2.132 Other<Othr>	++++	Empty Tag	Optional		
2.134 Identification<Id>	+++++	Yes	Optional	See usage rule above	Only NOTPROVIDED is allowed.
2.139 Debtor <Dbtr>	+++	Empty Tag	Mandatory		
2.140 Name <Nm>	++++	Yes	Mandatory	Debtor name	Data Type: Max70Text Format: Max length: 70 Min length: 1
Postal Address Usage Rule: Postal Address is mandatory if Debtor bank is located in a non EEA country/territory. Non EEA countries/territories include: Switzerland, San Marino, Monaco, Mayotte, Jersey, Guernsey, Saint-Pierre-et-Miquelon and Isle of Man					
2.141 Postal Address <PstlAdr>	++++	Empty Tag	Optional see usage rule above		
2.150 Country <Ctry>	+++++	Yes	Optional	Country code Mandatory if Debtor bank is located in a non EEA country/territory.	Data Type: Country Code Format: [A-Z]{2,2} SO 3166, Alpha-2 code
2.151 Address Line (2) <AdrLine>	+++++	Yes	Optional	Mandatory if Debtor bank is located in a non EEA country/territory.	Data Type: Text Format: Max length: 70 Min length: 1
Identification Usage Rule – Optional field, if used Either Organisation Identification or Private Identification to be populated					
2.153 Identification <Id>	++++	Empty Tag	Optional		
Organisation Identification Usage Rule: Either 'BIC or BEI' or one occurrence of 'Other' is allowed.					
2.153 Organisation Identification <OrgId>	+++++	Empty Tag	Optional		
2.153 BICOrBEI <BICOrBEI>	+++++	Yes	Optional	BIC Identifier	Data Type: Any BIC Identifier Format: [A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}

Usage Rules
 Mandatory Fields
 Optional Fields
 Conditional Fields
 Payment Information (Batch) / Transaction Level

SEPA Direct Debit PAIN.008.001.02 XML File Structure

Transaction Information Block – this can occur multiple times within a Payment Information Block					
Field Index - Field Name – Tag	Tag Depth	Content	Mandatory / Optional / Conditional	Description	
2.153 Other <Othr>	++++++	Empty Tag	Optional		
2.153 Identification <Id>	+++++++	Yes	Optional	Identification assigned by an institution	Data Type: Text Format: Max length: 35 Min length: 1
2.153 Scheme Name <SchmeNm>	+++++++	No	Optional		
2.153 Code <Cd>	+++++++	Yes	Optional	Name of the identification scheme, in a coded form as published in an external list	Data Type: ExternalOrganisation Identification1 Code Format: Max Length: 4 Min length: 1
2.153 Proprietary <Prtry>	+++++++	Yes	Optional	Name of the identification scheme, in a free text form	Data Type: Text Format: Max length: 35 Min length: 1
2.7153 Issuer <Issr>	+++++++	Yes	Optional	Entity that assigns the identification	Data Type: Text Format: Max length: 35 Min length: 1
Private Identification Usage Rule: Either 'Date and Place of Birth' or one occurrence of 'Other' is allowed					
2.154 Private Identification <PrvtId>	+++++	Empty Tag	Optional		
2.154 Date And Place Of Birth <DtAndPlcOfBirth>	+++++	Empty Tag	Optional		
2.154 Birth Date <BirthDt>	+++++++	Yes	Optional	Date on which a person is born	Data Type: ISO Date Format: YYYY-MM-DD e.g. 1998-03-30
2.154 Province Of Birth <PrvcOfBirth>	+++++++	Yes	Optional	Province where a person was born	Data Type: Text Format: Max length: 35 Min length: 1

SEPA Direct Debit PAIN.008.001.02 XML File Structure

Transaction Information Block – this can occur multiple times within a Payment Information Block					
Field Index - Field Name – Tag	Tag Depth	Content	Mandatory / Optional / Conditional	Description	
2.154 City Of Birth <CityOfBirth>	+++++++	Yes	Optional	City where a person was born	Data Type: Text Format: Max length: 35 Min length: 1
2.154 Country Of Birth <CtryOfBirth>	+++++++	Yes	Optional	Country where a person was born	Data Type: Country Code Format: [A-Z]{2,2}
2.154 Other <Othr>	+++++	Empty Tag	Optional		
2.154 Identification <Id>	+++++++	Yes	Optional	Identification assigned by an institution	Data Type: Text Format: Max length: 35 Min length: 1
2.154 Scheme Name <SchmeNm>	+++++++	No	Optional		
2.154 Code <Cd>	+++++++	Yes	Optional	Name of the identification scheme, in a coded form as published in an external list	Data Type: ExternalPersonal Identification1 Code Format: Max length: 4 Min length: 1
2.154 Proprietary <Prtry>	+++++++	Yes	Optional	Name of the identification scheme, in a free text form	Data Type: Text Format: Max length: 35 Min length: 1
2.154 Issuer <Issr>	+++++++	Yes	Optional	Entity that assigns the identification	Data Type: Text Format: Max length: 35 Min length: 1
2.157 Debtor Account <DbtrAcct>	+++	Empty Tag	Mandatory		
2.157 Identification <Id>	++++	Empty Tag	Mandatory		
2.157 IBAN <IBAN>	+++++	Yes	Mandatory	International Bank Account Number (IBAN)	Data Type: IBAN2007Identifier Format: [A-Z]{2,2}[0-9]{2,2}[a-zA-Z0-9]{1,30}

Usage Rules

Mandatory Fields

Optional Fields

Conditional Fields

Payment Information
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SEPA Direct Debit PAIN.008.001.02 XML File Structure

Transaction Information Block – this can occur multiple times within a Payment Information Block					
Field Index - Field Name – Tag	Tag Depth	Content	Mandatory / Optional / Conditional	Description	
Ultimate Debtor Usage Rule - Optional field however must be populated if provided by the Debtor in the Mandate					
2.158 Ultimate Debtor <UltmtDbtr>	+++	Empty Tag	Optional		
2.158 Name <Nm>	++++	Yes	Optional	Debtor must be the party who signed the mandate. Ultimate debtor is a third party to the mandate who may ultimately hold the debt Note: This is for information purposes only	Data Type: Text Format: Max length: 70 Min length: 1
Identification Usage Rule – Either Organisation Identification or Private Identification to be populated					
2.162 Identification <Id>	++++	Empty Tag	Optional		
Organisation Identification Usage Rule: Either 'BIC or BEI' or one occurrence of 'Other' is allowed.					
2.162 Organisation Identification <OrgId>	+++++	Empty Tag	Optional		
2.162 BICOrBEI <BICOrBEI>	+++++	Yes	Optional	BIC Identifier	Data Type: Any BIC Identifier Format: [A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]){3,3}{0,1}
2.162 Other <Othr>	+++++	Empty Tag	Optional		
2.162 Identification <Id>	+++++	Yes	Optional	Identification assigned by an institution	Data Type: Text Format: Max length: 35 Min length: 1
2.162 Scheme Name <SchmeNm>	+++++	No	Optional		
2.162 Code <Cd>	+++++	Yes	Optional	Name of the identification scheme, in a coded form as published in an external list	Data Type: ExternalOrganisation Identification1 Code Format: Max Length: 4 Min length: 1

Usage Rules

Mandatory Fields

Optional Fields

Conditional Fields

Payment Information
(Batch) / Transaction Level

SEPA Direct Debit PAIN.008.001.02 XML File Structure

Transaction Information Block – this can occur multiple times within a Payment Information Block					
Field Index - Field Name – Tag	Tag Depth	Content	Mandatory / Optional / Conditional	Description	
2.162 Proprietary <Prtry>	+++++++	Yes	Optional	Name of the identification scheme, in a free text form	Data Type: Text Format: Max length: 35 Min length: 1
2.162 Issuer <lssr>	+++++++	Yes	Optional	Entity that assigns the identification	Data Type: Text Format: Max length: 35 Min length: 1
Private Identification Usage Rule: Either 'Date and Place of Birth' or one occurrence of 'Other' is allowed					
2.163 Private Identification <PrvtId>	+++++	Empty Tag	Optional		
2.163 Date And Place Of Birth <DtAndPlcOfBirth>	+++++	Empty Tag	Optional		
2.163 Birth Date <BirthDt>	+++++++	Yes	Optional	Date on which a person is born	Data Type: ISODate Format: YYYY-MM-DD e.g. 1998-03-30
2.163 Province Of Birth <PrvcOfBirth>	+++++++	Yes	Optional	Province where a person was born	Data Type: Text Format: Max length: 35 Min length: 1
2.163 City Of Birth <CityOfBirth>	+++++++	Yes	Optional	City where a person was born	Data Type: Text Format: Max length: 35 Min length: 1
2.163 Country Of Birth <CtryOfBirth>	+++++++	Yes	Optional	Country where a person was born	Data Type: Country Code Format: [A-Z]{2,2}
2.163 Other <Othr>	+++++	Empty Tag	Optional		
2.163 Identification <Id>	+++++++	Yes	Optional	Identification assigned by an institution	Data Type: Text Format: Max length: 35 Min length: 1

Usage Rules

Mandatory Fields

Optional Fields

Conditional Fields

Payment Information
(Batch) / Transaction Level

SEPA Direct Debit PAIN.008.001.02 XML File Structure – PAIN.008.001.02 Sample File

Transaction Information Block – this can occur multiple times within a Payment Information Block					
Field Index - Field Name – Tag	Tag Depth	Content	Mandatory / Optional / Conditional	Description	
2.163 Scheme Name <SchmeNm>	+++++++	No	Optional		
2.163 Code <Cd>	+++++++	Yes	Optional	Name of the identification scheme, in a coded form as published in an external list	Data Type: ExternalPersonal Identification1 Code Format: Max length: 4 Min length: 1
2.163 Proprietary <Prtry>	+++++++	Yes	Optional	Name of the identification scheme, in a free text form	Data Type: Text Format: Max length: 35 Min length: 1
2.163 Issuer <Issr>	+++++++	Yes	Optional	Entity that assigns the identification	Data Type: Text Format: Max length: 35 Min length: 1
2.167 Purpose <Purp>	+++	Empty Tag	Optional		
2.168 Code <Cd>	++++	Yes	Optional	Underlying reason for the payment transaction	Format: Max length: 4 Min length: 1 see code list in appendix
Remittance Information Usage Rule: Optional field, either 1 instance of 'Structured' or 1 instance of 'Unstructured', may be present					
2.173 Remittance Information <RmtInf>	+++	Empty Tag	Optional		
2.174 Unstructured <Ustrd>	++++	Yes	Optional	Free text provided for matching reconciliation	Data Type: Text Format: Max length: 140 Min length: 1
2.175 Structured <Strd>	++++	Empty Tag	Optional		
Creditor Reference Information Usage Rule: When used, both 'Type' and 'Reference' must be present.					
2.178 Creditor Reference Information <CdtrRefInf>	+++++	Empty Tag	Optional		
2.179 Type <Tp>	+++++	Empty Tag	Optional		

SEPA Direct Debit PAIN.008.001.02 XML File Structure – PAIN.008.001.02 Sample File

Transaction Information Block – this can occur multiple times within a Payment Information Block					
Field Index - Field Name – Tag	Tag Depth	Content	Mandatory / Optional / Conditional	Description	
2.180 Code or Proprietary <CdOrPrtry>	+++++++	Empty Tag	Optional		
2.810 Code <Cd>	+++++++	Yes	Optional	Type of creditor reference, in a coded form	Usage Rule Only 'SCOR' is allowed
2.183 Issuer <Issr>	+++++++	Yes	Optional	Entity that assigns the credit reference type	Data Type: Text Format: Max length: 35 Min length: 1
2.184 Reference <Ref>	+++++++	Yes	Optional	Unique reference, as assigned by the creditor, to unambiguously refer to the payment transaction	Data Type: Text Format: Max length: 35 Min length: 1

SEPA Direct Debit PAIN.008.001.02 XML File Structure – PAIN.008.001.02 Sample File

10. PAIN.008.001.02 Sample File

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<Document xmlns="urn:iso:std:iso:20022:tech:xsd:pain.008.001.02" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
```

```
<CstmrDrctDbtInittn>
```

```
<GrpHdr>
```

```
<MsgId>MSGID12345678912</MsgId>
```

```
<CreDtTm>2013-10-01T09:30:48</CreDtTm>
```

```
<NbOfTx>4</NbOfTx>
```

```
<CtrlSum>400.4</CtrlSum>
```

```
<InitgPty>
```

```
<Id>
```

```
<PrvtId>
```

```
<Othr>
```

```
<Id>IE97ZZZ123456</Id>
```

```
</Othr>
```

```
</PrvtId>
```

```
</Id>
```

```
</InitgPty>
```

```
</GrpHdr>
```

```
<PmtInf>
```

```
<PmtInflId>PMTINFID1</PmtInflId>
```

```
<PmtMtd>DD</PmtMtd>
```

```
<NbOfTx>2</NbOfTx>
```

SEPA Direct Debit PAIN.008.001.02 XML File Structure – PAIN.008.001.02 Sample File

```
<CtrlSum>200.2</CtrlSum>
<PmtTpInf>
  <SvcLvl>
    <Cd>SEPA</Cd>
  </SvcLvl>
  <LclInstrm>
    <Cd>CORE</Cd>
  </LclInstrm>
  <SeqTp>FRST</SeqTp>
</PmtTpInf>
<ReqdColltnDt>2013-10-09</ReqdColltnDt>
<Cdtr>
  <Nm>CREDITOR</Nm>
</Cdtr>
<CdtrAcct>
  <Id>
    <IBAN>IE75BOFI90377959996017</IBAN>
  </Id>
</CdtrAcct>
<CdtrAgt>
  <FinInstnId>
    <BIC>BOFIE2D</BIC>
  </FinInstnId>
</CdtrAgt>
```

SEPA Direct Debit PAIN.008.001.02 XML File Structure – PAIN.008.001.02 Sample File

```
<CdtrSchmeld>
  <Id>
    <PrvtId>
      <Othr>
        <Id>IE97ZZZ123456</Id>
        <SchmeNm>
          <Prtry>SEPA</Prtry>
        </SchmeNm>
      </Othr>
    </PrvtId>
  </Id>
</CdtrSchmeld>
<DrctDbtTxInf>
  <PmtId>
    <EndToEndId>E2EID1</EndToEndId>
  </PmtId>
  <InstdAmt Ccy="EUR">100.1</InstdAmt>
  <DrctDbtTx>
    <MndtRltdInf>
      <MndtId>MANDATEID1</MndtId>
      <DtOfSgntr>2013-09-01</DtOfSgntr>
    </MndtRltdInf>
  </DrctDbtTx>
  <DbtrAgt>
```


SEPA Direct Debit PAIN.008.001.02 XML File Structure – PAIN.008.001.02 Sample File

```
        <FinInstnId>
            <BIC>BOFIE2D</BIC>
        </FinInstnId>
    </DbtrAgt>
    <Dbtr>
        <Nm>DEBTOR1</Nm>
    </Dbtr>
    <DbtrAcct>
        <Id>
            <IBAN>IE82BOFI90393929352659</IBAN>
        </Id>
    </DbtrAcct>
</DrctDbtTxInf>
<DrctDbtTxInf>
    <PmtId>
        <EndToEndId>E2EID2</EndToEndId>
    </PmtId>
    <InstdAmt Ccy="EUR">100.1</InstdAmt>
<DrctDbtTx>
    <MndtRltdInf>
        <MndtId>MANDATEID2</MndtId>
        <DtOfSgntr>2013-09-01</DtOfSgntr>
        <AmdmntInd>true</AmdmntInd>
        <AmdmntInfDtls>
```

SEPA Direct Debit PAIN.008.001.02 XML File Structure – PAIN.008.001.02 Sample File

```
        <OrgnlDbtrAcct>
            <Id>
                <Othr>
                    <Id>SMNDA</Id>
                </Othr>
            </Id>
        </OrgnlDbtrAcct>
    </AmdmntInfDtls>
</MndtRitdInf>
</DrctDbtTx>
<DbtrAgt>
    <FinInstnId>
        <BIC>BOFIE2D</BIC>
    </FinInstnId>
</DbtrAgt>
<Dbtr>
    <Nm>DEBTOR2</Nm>
</Dbtr>
<DbtrAcct>
    <Id>
        <IBAN> IE19BOFI90529930903788</IBAN>
    </Id>
</DbtrAcct>
</DrctDbtTxInf>
```

SEPA Direct Debit PAIN.008.001.02 XML File Structure – PAIN.008.001.02 Sample File

```
</PmtInf>
<PmtInf>
  <PmtInflId>PMTINFID2</PmtInflId>
  <PmtMtd>DD</PmtMtd>
<NbOfTx>2</NbOfTx>
  <CtrlSum>200.2</CtrlSum>
  <PmtTpInf>
    <SvcLvl>
      <Cd>SEPA</Cd>
    </SvcLvl>
    <LclInstrm>
      <Cd>CORE</Cd>
    </LclInstrm>
    <SeqTp>RCUR</SeqTp>
  </PmtTpInf>
  <ReqdColltnDt>2013-10-04</ReqdColltnDt>
  <Cdtr>
    <Nm>CREDITOR</Nm>
  </Cdtr>
  <CdtrAcct>
    <Id>
      <IBAN>IE59BOFI90565164751321</IBAN>
    </Id>
  </CdtrAcct>
```

SEPA Direct Debit PAIN.008.001.02 XML File Structure – PAIN.008.001.02 Sample File

```
<CdtrAgt>
  <FinInstnId>
    <BIC>BOFIE2D</BIC>
  </FinInstnId>
</CdtrAgt>
<CdtrSchmeld>
  <Id>
    <PrvtId>
      <Othr>
        <Id>IE97ZZZ123456</Id>
        <SchmeNm>
          <Prtry>SEPA</Prtry>
        </SchmeNm>
      </Othr>
    </PrvtId>
  </Id>
</CdtrSchmeld>
<DrcDtTxInf>
  <PmtId>
    <EndToEndId>E2EID3</EndToEndId>
  </PmtId>
  <InstdAmt Ccy="EUR">100.1</InstdAmt>
</DrcDtTx>
```

SEPA Direct Debit PAIN.008.001.02 XML File Structure – PAIN.008.001.02 Sample File

```
<MndtRltdInf>
    <MndtId>MANDATEID3</MndtId>
    <DtOfSgntr>2013-09-01</DtOfSgntr>
</MndtRltdInf>
</DrctDbtTx>
<DbtrAgt>
    <FinInstnId>
        <BIC>BOFIE2D</BIC>
    </FinInstnId>
</DbtrAgt>
<Dbtr>
    <Nm>DEBTOR3</Nm>
</Dbtr>
<DbtrAcct>
    <Id>
        <IBAN>IE11BOFI90570714221998</IBAN>
    </Id>
</DbtrAcct>
</DrctDbtTxInf>
<DrctDbtTxInf>
    <PmtId>
        <EndToEndId>E2EID4</EndToEndId>
    </PmtId>
    <InstdAmt Ccy="EUR">100.1</InstdAmt>
```

SEPA Direct Debit PAIN.008.001.02 XML File Structure – PAIN.008.001.02 Sample File

```
<DrctDbtTx>
  <MndtRltdInf>
    <MndtId>MANDATEID4</MndtId>
    <DtOfSgntr>2013-09-01</DtOfSgntr>
  </MndtRltdInf>
</DrctDbtTx>
<DbtrAgt>
  <FinInstnId>
    <BIC>BOFIE2D</BIC>
  </FinInstnId>
</DbtrAgt>
<Dbtr>
  <Nm>DEBTOR4</Nm>
</Dbtr>
<DbtrAcct>
  <Id>
    <IBAN>IE22BOFI90573146641815</IBAN>
  </Id>
</DbtrAcct>
</DrctDbtTxInf>
</PmtInf>
</CstmrDrctDbtIntr>
</Document>
```

11. Appendix

11.1. ISO Country Codes:

The ISO Country Code list available on the ISO website: http://www.iso.org/iso/home/standards/country_codes/iso-3166-1_decoding_table.htm

11.2. Category Purpose Code List

ISO publish lists of codes allowed within ISO 20022 XML message schemes. Please see the Inventory of External Code Lists on the ISO website www.ISO20022.org

SEPA Direct Debit PAIN.008.001.02 XML File Structure – PAIN.008.001.02 Change Control

12. Change Control

Version:	Date	Section	Comments
1.0	15 July 2013	n/a	Initial Document
1.1	30 October 2013	Contents Page	Point 6 – New Content element: Batching Point 11 – New content element: Document Control
1.1	30 October 2013	Section 2: The Character Set	Curly apostrophe (‘) has been changed to a compliant straight apostrophe (') Special XML Character – ‘ (single quotation) has been removed Message Identification - Must not contain an apostrophe’
1.1	30 October 2013	Section 7: Filename	Point 4 has been extended to include the underscore (_) character
1.1	30 October 2013	Section 8 & Section 9	Font used in Fields & Sample File has been changed to Verdana to differentiate ‘i’ from ‘l’
1.1	30 October 2013	Section 8: File Format	Usage Rules’ graphic has been added to the Legend 1.8: The new field Name <Nm> has been added to the Group Header Block under Usage Rule: Initiating Party 2.19: Postal Address <PstIAdr> was changed from ‘mandatory’ to ‘optional’ 2.21: BOFII2DXXX has now been added as a BIC Identifier 2.30 is an Optional Tag and therefore is now depicted in Green 2.57: Description text – ‘originator’ has been changed to ‘debtor’ 2.23, 2.69, 2.72 & 2.74 Data Type: ‘ExternalOrganisationIdentification1Code’ has been changed to ‘ExternalPersonalIdentification1Code’
1.1	30 October 2013	Section 9: PAIN.008.001.02 Sample File	Sample IBANs & BICs have been updated
1.2	1 December 2015	Section 9: PAIN.008.001.02 Sample File	New Usage Rules to incorporate IBAN only legislation. Pg.11 & 21.
1.3	23 June 2016	Section 9 & 10 : File Format & PAIN.008.001.02 Sample File	SEPA DD Rulebook 9.2 changes to amendment section – tags 2.98 and 2.99
1.4	August 2017	Changes throughout document for EPC Changes 2017	SEPA DD rulebook 2017 changes 1.10 Organisation Identification <OrgId> new tags at Group Header Level 1.11 Private Identification <PrvtId> tag changed from mandatory to optional 1.11 New tags added for <SchmeNm>, <Cd>, <Prtry> and <Issr> New usage rules applied for the above tags 2.6 Payment Type Information <PmtTplnf> tag changed from mandatory to optional Included the usage rules associated with 2.15 <Cd> and <Prtry> tags 2.75 Payment Type Information <PmtTplnf> new tags at transaction level with usage rules 2.141 Postage Address new usage rules apply for Non EEA payments