

SEPA Direct Debit Origination Collection Settlement Report CSR XML Guide

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Introduction

1. XML Guide – Ulster Bank Collection Settlement Report (CSR)

What is the CSR?

The Collection Settlement Report (CSR) is a report generated on any day when you have collections due to settle, or any day when a collection in the batch fails. The report will detail all batches with the same settlement date and Creditor ID. These could be batches from different PAIN.008.001.02 files.

When is the CSR produced?

An initial CSR is produced the morning after the day of the settlement (D) of the batch(es) reported. It will be available at approximately 5am on D+1. Note that if the settlement date has to be revised, then the CSR will be available on the day after the revised date.

You may receive additional CSR reports on any subsequent date for any batch where a collection fails post the settlement date, such as a returned collection.

A CSR report is not produced on days when no collections are due to settle

The batch value will include the full batch credit that you (the creditor) have submitted and all R-transactions including creditor bank rejects and cancellations will be shown on your settlement account individually.

CSR reports may continue to be produced for up to 13 months post settlement date as this is the maximum period post settlement in which an unauthorised debit refund can occur.

The default CSR file name is the Creditor ID of the batches, but this can be changed to anything else upon downloading. Once produced, a CSR remains available to download for 60 days.

How do I download a CSR?

The CSR can only be downloaded via Bankline by a user who has a role assigned to them containing the SEPA DDO Download File privilege.

To download, the user logs on to Bankline and navigates to SEPA DD Origination on the left-hand menu. They then click the “Download file” link. This brings up the “Download report file” screen. From this screen the user selects the desired Creditor ID from the drop down box and the desired date range to search within. Then the user ensures that the “Download file type” radio button is on “collection settlement report” (which it will be by default), and clicks “Search”.

The “Download file enquiry search results” screen will list all CSRs found. If the user wishes to download one, they click on the settlement date link of the report required and then they must complete a Smartcard token challenge. They will then be given the option to download the CSR in either TXT or XML format.

The download file option allows downloading of reports available in relation to your SEPA Direct Debit Origination Service.

As an example, this guide will take you through downloading a CSR report.

Ulster Bank Bankline

Terms & Conditions Accessibility Log-Out

Logged in as: You last logged in on: 23rd August 2013 at 13:55

Broadcast:
You have received new urgent message(s). Select [Read Urgent Messages](#) to view these.
NB: The current page and any data selected/input will not be affected when viewing the message.

Download report file [Help](#)

Files are available to download for 2 months

* indicates required field

* Creditor ID

* File date (DD/MM/YYYY) From To

Download file type Collection settlement report Collection processing report

[Back](#) [Search](#)

The CSR format specification

The XML specification is described in a table with the following detail:

- **ID** – A reference ID of the tag.
- **Level** – The first level within the <csrdata:CSRData> tag is indicated by a single “+” symbol. Tags with further “+” symbols are contained within the tags above them with fewer “+” symbols.
- **Name** – This is the name of the tag in the XML file.
- **Usage** – Occurrence on top and value below.
 - **Occurrence:** First number is the minimum number of times the tag must be present; second number is the maximum number of times the tag may be present. “n” indicates an unbounded tag with no limit on the number of occurrences. “c” indicates that the occurrence of the element is conditional with another element, which will be detailed in the description.
 - **Value:** Indicates what the element should be populated with
 - Tag – Indicates that this is an enclosing element, populated by other tags as detailed below it
 - 35x – Indicates that the element can contain from 1 to 35 characters, using the SEPA character set
 - n – Indicates that the element is a number
 - Dt/Tm – Indicates that the element contains date (Dt) and Time (Tm). Dt indicates just the date
 - Code – Indicates that the tag should contain a specific code or value detailed in the description
 - BIC is a Bank BIC, such as ULSBIE2D
 - IBAN is an IBAN delivered without spaces, such as IE99ULSB98501012345678. Note that IBANs can be up to 31 characters long
- **Description** – This will give information on what the tag is actually used for, and clarifications on content.

The entire XML file is contained within an outer <csrdata:CSRData> tag like this:

```
<csrdata:CSRData xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"xmlns:csrdata="urn:com:sepadd:payments:messages:csrdata"
xmlns:n1="http://www.w3.org/2001/XMLSchema-instance">
```

The file as specified below goes here

```
</csrdata:CSRData>
```

CSR XML Specification

ID	Level	Name	Usage	Description
1	+	CrDtIs	1-1 Tag	This tag contains your creditor details
1.1	++	RptCreDtTm	1-1 Dt/Tm	The CSR creation date/time: In the format DD/MM/YYYY HH:MM
1.2	++	CdtrNm	1-1 70x	This is your creditor name
1.3	++	CdtrId	1-1 35x	This is your Creditor ID for the batch(es) reported
1.4	++	PrtpRef	1-1 BIC	This will be the Ulster Bank BIC
2	+	SettlBtch	1-n	Settled batch summary. There will be at least one

			Tag	batch in the CSR, but if you have multiple batches settling on the same date, each batch will appear within its own SettIBtch tag.
2.1	++	BtchDtIs	1-1 Tag	This tag contains summary information about the batch
2.1.1	+++	BtchId	1-1 35x	This is the batch PmtInflId tag data (the Batch ID) from your PAIN.008.001.02 file
2.1.2	+++	SbmOnBhlfOf	1-1 70x	If you have entered Ultimate Creditor details in your PAIN.008.001.02 file, the name entered will be here. Otherwise this tag will be empty.
2.1.3	+++	FileId	1-1 35x	This is the MsgId tag data (the file ID) from your PAIN.008.001.02 file
2.1.4	+++	FileTp	1-1 Code	This is the type of file, which will be "PAIN.008.001.02"
2.1.5	+++	OrgnIBtchSettDt	1-1 Dt	This is the settlement date entered in the ReqdColltnDt of the batch in your PAIN.008.001.02 file
2.1.6	+++	RevBtchSettDt	1-1 Dt	If the above date could not be met and had to be revised, then the actual settlement date will be in this tag. Otherwise this tag will be blank
2.1.7	+++	TotalNbColltn	1-1 7n	This is the total number of collections in the batch. It will equal the batch NbOfTxS tag data from your PAIN.008.001.02 file
2.1.8	+++	TotalValColltn	1-1 18x	This is the total value of collections in the batch. It will equal the batch CtrlSum tag data from your PAIN.008.001.02 file, followed by " CR"
2.1.9	+++	NbSuccessColltn	0-1 7n	This will only appear on the initial Batch settlement date and will contain the number of successful collections in the batch. This will not appear if a transaction fails post settlement.
2.1.10	+++	ValSuccessColltn	0-1 18x	This will only appear on the initial Batch settlement date and will contain the value of successful collections in the batch. This will not appear if a transaction fails post settlement.
2.2	++	FailGrp	0-1 Tag	This tag is only present if there are failed collections. Note that pre-settlement rejections (as specified in the Collection processing report) are not included.
2.2.1	+++	FailTxDtl	1-n Tag	This tag is repeated to give details of each failed collection
2.2.1.1	++++	ColltnId	1-1 35x	This is the EndToEndId tag data (the individual collection ID) from your PAIN.008.001.02 file
2.2.1.2	++++	MndtId	1-1	This is the MndtId tag data (the individual collection mandate ID) from

			35x	your PAIN.008.001.02 file
2.2.1.3	++++	DbtrBIC	1-1 BIC	This is the BIC of the bank where the debtor's account is located
2.2.1.4	++++	DbtrIBAN	1-1 IBAN	This is the debtor's IBAN for the individual collection
2.2.1.5	++++	CdtrBIC	1-1 BIC	This will be the Ulster Bank BIC
2.2.1.6	++++	CdtrIBAN	1-1 IBAN	This will be your creditor IBAN from the batch
2.2.1.7	++++	Val	1-1 21x	This is the Instructed amount from your collection
2.2.1.8	++++	ColltnSts	1-1 Code	The status of the failed collection, one of: AUTHORISED REFUND UNAUTHORISED REFUND CANCELLATION REJECTION REVERSAL REFUND RETURN
2.2.1.9	++++	ExceptRsn	1-1 65x	This is a specific reason provided for the failure. A list of possible values is provided in Appendix C

Appendix A – Example XML

A.1 Example of a successful CSR:

```
<csrdata:CSRData xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:csrdata="urn:com:sepad:payments:messages:csrdata"
  xmlns:n1="http://www.w3.org/2001/XMLSchema-instance">

  <CrDtIs>
    <RptCreDtTm>29/02/2016 05:01</RptCreDtTm>

    <CdtrNm>UB COMPANY</CdtrNm>

    <CdtrId>IE99ZZZ312345</CdtrId>

    <PrtpRef>ULSBIE2D</PrtpRef>

  </CrDtIs>
  <SettlBtch>
    <BtchDtIs>
      <BtchId>UBR-BATCH-B1</BtchId>

      <SbmOnBhlfOf/>
      <FileId>UBR-FILE-F1</FileId>

      <FileTp>pain.008.001.02</FileTp>

      <OrgnlBtchSettDt>26/02/2016</OrgnlBtchSettDt>

      <RevBtchSettDt/>
      <TotalNbColltn>1</TotalNbColltn>
      <TotalValColltn>1.16 CR</TotalValColltn>
      <NbSuccessColltn>1</NbSuccessColltn>
      <ValSuccessColltn>1.16</ValSuccessColltn>
    </BtchDtIs>
  </SettlBtch>
</SettlBtch>
</csrdata:CSRData>
```

A.2 Example of a CSR with a failed transaction

Note that CSRs received for failures post-settlement look exactly the same, except that the Report creation date in <RptCreDtTm> will be later than the settlement date.

```
<csrdata:CSRData xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns:csrdata="urn:com:sepad:payments:messages:csrdata"
  xmlns:n1="http://www.w3.org/2001/XMLSchema-instance">

  <CrDtIs>
    <RptCreDtTm>29/02/2016 05:01</RptCreDtTm>

    <CdtrNm>UB COMPANY</CdtrNm>

    <CdtrId>IE99ZZZ312345</CdtrId>

    <PrtpRef>ULSBIE2D</PrtpRef>

  </CrDtIs>
  <SettlBtch>
    <BtchDtIs>
      <BtchId>UBR-BATCH-B1</BtchId>

      <SbmOnBhlfOf/>
      <FileId>UBR-FILE-F1</FileId>
    </BtchDtIs>
  </SettlBtch>
```

```

<FileTp>pain.008.001.02</FileTp>
<OrgnlBtchSettDt>26/02/2016</OrgnlBtchSettDt>
<RevBtchSettDt/>
<TotalNbColltn>1</TotalNbColltn>
<TotalValColltn>1.16 CR</TotalValColltn>
<NbSuccessColltn>0</NbSuccessColltn>
<ValSuccessColltn>0.00</ValSuccessColltn>
</BtchDtls>
<FailGrp>
  <FailTxDtl>
    <ColltnId>UBR-E2EID1</ColltnId>
    <MndtId>RBSRBS221CCPAR21</MndtId>
    <DbtrBIC>ULSBGB2B</DbtrBIC>
    <DbtrIBAN>GB99ULSB98006012345678</DbtrIBAN>
    <CdtrBIC>ULSBIE2D</CdtrBIC>
    <CdtrIBAN>IE99ULSB98501012345678</CdtrIBAN>
    <Val>1.16</Val>
    <ColltnSts>REJECTION</ColltnSts>
    <ExceptRsn>ACCOUNT BLOCKED FOR DIRECT DEBIT BY THE
DEBTOR</ExceptRsn>
  </FailTxDtl>
</FailGrp>
</SettlBtch>
</csrdata:CSRData>

```

Appendix B – CSR Text Files

Examples of Collection Settlement Reports in Text format

B.1 Example of a successful CSR (corresponding to A.1)

COLLECTION SETTLEMENT REPORT

REPORT CREATION 29/02/2016 05:01

CREDITOR DETAILS:

CREDITOR NAME UB COMPANY
CREDITOR ID IE99ZZZ312345
PARTICIPANT REFERENCE ULSBIE2D

SETTLED BATCH SUMMARY - BATCH ID UBR-BATCH-B1

SUBMITTED ON BEHALF OF
FILE ID UBR-FILE-F1
FILE TYPE pain.008.001.02
ORIGINAL BATCH SETTLEMENT DATE 26/02/2016 REVISED BATCH SETTLEMENT DATE
TOTAL NUMBER OF COLLECTIONS 1 TOTAL VALUE OF COLLECTIONS EUR 1.16 CR
NUMBER OF SUCCESSFUL COLLECTIONS 1 VALUE OF SUCCESSFUL COLLECTIONS EUR 1.16

B.2 Example of a CSR with failed transaction (corresponding to A.2)

COLLECTION SETTLEMENT REPORT

REPORT CREATION 29/02/2016 05:01

CREDITOR DETAILS:

CREDITOR NAME UB COMPANY
CREDITOR ID IE99ZZZ312345
PARTICIPANT REFERENCE ULSBIE2D

SETTLED BATCH SUMMARY - BATCH ID UBR-BATCH-B1

SUBMITTED ON BEHALF OF
FILE ID UBR-FILE-F1
FILE TYPE pain.008.001.02
ORIGINAL BATCH SETTLEMENT DATE 26/02/2016 REVISED BATCH SETTLEMENT DATE
TOTAL NUMBER OF COLLECTIONS 1 TOTAL VALUE OF COLLECTIONS EUR 1.16 CR
NUMBER OF SUCCESSFUL COLLECTIONS 0 VALUE OF SUCCESSFUL COLLECTIONS EUR 0.00

FAILED COLLECTION DETAILS FOR BATCH ID UBR-BATCH-B1

COLLECTION ID	UBR-E2EID1	MANDATE ID	RBSRBS221CCPAR21
DEBTOR BIC	ULSBGB2B	DEBTOR IBAN	GB99ULSB98006012345678
CREDITOR BIC	ULSBIE2D	CREDITOR IBAN	IE99ULSB98501012345678
VALUE	EUR 1.16	COLLECTION STATUS	REJECTION
EXCEPTION REASON	ACCOUNT BLOCKED FOR DIRECT DEBIT BY THE DEBTOR		

Appendix C – Exception reasons

Below is a list of possible messages in the ExceptRsn tag:

ISO Code (will not appear on the CSR)	ISO Exception Reason which will appear on the CSR	CSR Collection Status
AC01	ACCOUNT IDENTIFIER INCORRECT	REJECTION/RETURN
AC04	ACCOUNT CLOSED	REJECTION/RETURN
AC06	ACCOUNT BLOCKED FOR DIRECT DEBIT BY THE DEBTOR	REJECTION/RETURN
AC13	INVALID DEBTOR ACCOUNT TYPE (For SDD B2B Collections only)	REJECTION/RETURN
AG01	DIRECT DEBIT FORBIDDEN ON THIS ACCOUNT FOR REGULATORY REASONS	REJECTION/RETURN
AG02	OPERATION/TRANSACTION CODE INCORRECT,INVALID FILE FORMAT	REJECTION/RETURN
AGNT	AGENT IN THE PAYMENT WORKFLOW IS INCORRECT	CANCELLATION
AM04	INSUFFICIENT FUNDS	REJECTION/RETURN
AM05	DUPLICATE COLLECTION	REJECTION/RETURN/ REVERSAL
CURR	UNKNOWN REASON	CANCELLATION
CUST	NON SPECIFIED REASON CUSTOMER GENERATED	CANCELLATION
CUTA	UNKNOWN REASON	CANCELLATION
DNOR	DEBTOR BANK IS NOT REGISTERED UNDER THIS BIC IN THE CSM	REJECTION
DUPL	DUPLICATE PAYMENT	CANCELLATION
FF05	OPERATION/TRANSACTION CODE INCORRECT,INVALID FILE FORMAT	REJECTION/RETURN
MD01	NO VALID MANDATE	REJECTION/RETURN/ REFUND/REVERSAL
MD02	MANDATE DATE MISSING OR INCORRECT	REJECTION
MD06	DISPUTED AUTHORISED TRANSACTION	REFUND
MD07	DEBTOR DECEASED	REJECTION/RETURN
MS02	REFUSAL BY DEBTOR	REJECTION/RETURN/ REVERSAL/REFUSAL
MS03	REASON NOT SPECIFIED	REJECTION/RETURN/

		REVERSAL
RC01	BANK IDENTIFIER INCORRECT (i.e INVALID BIC)	REJECTION/RETURN
RR01	REGULATORY REASON	REJECTION/RETURN
RR02	REGULATORY REASON	REJECTION/RETURN
RR03	REGULATORY REASON	REJECTION/RETURN
RR04	REGULATORY REASON	REJECTION/RETURN
SL01	SPECIFIC SERVICE OFFERED BY THE DEBTOR BANK	REJECTION/RETURN
UPAY	UNDUE PAYMENT	CANCELLATION

Change History Version

Original Issue created 23/08/2013

Changes to document draft 1.4.2, made the 6th September 2013

- Formatting changes
- Amendment to Section A.2 – number & value of successful collections
- Amendment to Section B.2 – Value of successful collections
- Appendix C – additions as per Irish Payments Service Organisation guidance
 - BE05
 - Additional MD01

Changes made 15th July 2015

2.1.2 CSR XML Specification - added in text to description currently not available in UB

Changes made April 2016

- Introduction. When is the CPR produced.
- How do I download a CPR.
- 2.1.9 Description amended.
- 2.1.10 Description Amended.
- Appendix A: A.1 & A.2 new XML examples
- Appendix B: B.1 & B.2 new CSR screenshot examples
- Appendix C: updated exception reasons table
- PAIN.008.001.01 replaced with PAIN.008.001.02

Changes made September 2018

- Appendix C – Exception reasons updated

Changes made March 2019

- Cosmetic only

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