SEPA Credit Transfers Originators Guide

May 2014

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Contents

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Document Purpose

The purpose of this document is to assist Credit Transfer Originators with the implementation of SEPA Credit Transfers under the rules of the SEPA scheme.

The document acts as a guide and provides information on the following key sections:

- ▶ Submission Timelines
- ▶ Non Processing Days / Bank Holidays
- ▶ File Formats
- ▶ File Submission Process
- ▶ Rejections and Returned payments
- ▶ Recalls and Cancellations

Detailed file specifications for Credit Transfer Payment files SEPA XML PAIN.001.001.03 File Format (Referred to in this document as PAIN001) and Payment Status files SEPA XML PAIN.002.001.03 File Format (Referred to in this document as a PAIN002) can be found at http://businessbanking.bankofireland.com/payments-and-cards/online-banking/sepa/sepa-business/download-supporting-documentation

Bank of Ireland has a dedicated Business On Line helpdesk available to support your business throughout its migration to Credit Transfers. All queries can be submitted to this team via the contact details below:

Republic Of Ireland

Tel: 1890 818 265

Northern Ireland

Tel: 0845 309 8123

Great Britain

Tel: 0845 309 8124

Outside these locations

Tel: +353 1 460 6445

Fax: +353 1 285 1336

Email: business.online@boi.com

Further information on SEPA is also available on the Bank of Ireland website at:

- ▶ www.bankofireland.com/sepa

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1.0 Credit Transfer Originators - Key Changes & Impacts

From 1st February 2014, the existing national Credit Transfer Scheme in Ireland (The Irish Retail Electronic Payments Clearing Company Limited - IRECC), will be replaced by the SEPA Credit Transfer Scheme. As a Credit Transfer Originator, there are a number of impacts that your business will need to prepare for:

▶ **File Formats** Under the current IRECC Scheme, files are submitted in a format called 'Standard 18' (or by manual key-entry on Business On line). SEPA payment files must be transmitted in the new SEPA XML PAIN.001.001.03 File Format (Referred to in this document as PAIN001) - the PAIN001 Bank of Ireland file specification document is available at

http://businessbanking.bankofireland.com/payments-and-cards/online-banking/sepa/sepa-business/download-supporting-documentation

You will need to consider internal system changes or ensure your accounts software provider is capable of producing a SEPA XML file (See Section 2.1, 'SEPA XML – File Format' for more information).

▶ **BIC and IBAN** All debtor and creditor accounts must be identified by their BIC and IBAN rather than NSC and account number. You will need to convert all of your existing debtor and creditor NSC and Account Numbers to their respective BICs and IBANs. IPSO offer a BIC and IBAN conversion service, further information on how to convert is available at www.ipso.ie.

▶ **Payment Cycles** Payment Cycles for CTO (PAIN001) in the SEPA Scheme will continue as-is today under IRECC. Files received before 3.30PM on D-1 (where D represents the Requested Execution Date on the PAIN001 file) will be credited to the beneficiary account on D. The Originating Customer will also be debited on D.

▶ **New Transmission Channel** You will submit your SEPA XML Credit Transfer files via 'Business On Line File Gateway' or 'Connect: Direct Secure Plus' and authorise this file on the new Bank of Ireland SEPA online channel, known as 'Business On Line Payments Plus' (see Section 4 for more information).

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This section describes the key changes that will need to be undertaken by you as an Originator.

2.1   SEPA XML – New File Format (PAIN001)

If your accounts software provider or internal IT function is unable to generate XML files in PAIN001 format, Bank of Ireland can offer a conversion service .

As a Credit Transfer Originator, you will now need to submit payment instructions in the new SEPA file format PAIN.001.001.03 (PAIN001).. You will need to consider what internal system changes are required or engage with an accounts software provider to understand your current readiness to ensure that you are SEPA compliant.

2.2   BIC and IBAN

Under the existing Irish Credit Transfer scheme, all accounts are identified by NSC and account number. Under SEPA, all account details must be presented in BIC and IBAN format including the Creditor account.

A service is available on the IPSO website which caters for the bulk conversion of NSC/account number to their BIC and IBAN equivalents. This exercise must be conducted as part of your migration to SEPA CTO.

For more information, visit: www.ipso.ie/section/ipsosepaservices

2.3   SEPA Originator Identification Number

Under SEPA, the Credit Transfer OIN (Originator Identifier Number) will be known as the SEPA Originator ID. The SEPA Originator ID is your unique identifier number and must be used when submitting files for processing.

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3.0   Credit Transfer Submission Timelines

Within the PAIN001, the Requested Execution Date is the date on which the Originator requires the funds to be credited to the Creditor Account. This is also the date on which the Debtor Account will be debited by the Originating Bank (i.e. Bank of Ireland).

Customers must submit the PAIN001 before 3:30pm **1 Business Banking Day before** the Requested Execution Date.

3.1   Batching

A SEPA Credit Transfer file can be made up of multiple batches of payments. While batches can be created for any reason, the following rules apply to the mandatory batching of Credit Transfers in a file:

▶ Files with Credit Transfers that debit more than one Debtor account, batches must be created for each debtor account.

▶ Files that incorporate multiple requested execution dates must be batched according to requested execution date.

Each batch within a file will have a single bulk debit (similar to the 'Contra' transaction that is currently used on EFT files) relating to the sum of all of the credits within that batch.

3.2   Processing Dates

The Requested Execution Date and each day in the Credit Transfer cycle must be a business banking or processing day for Irish SEPA payments. In this context, a processing day is any weekday that is not designated as a non-processing day by either the European Central Bank (ECB) or the Irish Banking community (i.e. Irish Bank Holidays).

Please note that ECB processing days are commonly referred to as 'TARGET' days.

The table below details the common non-processing dates for Bank of Ireland customers submitting Credit Transfer SEPA files. Depending on the year, additional dates may be designated as Bank Holidays by Ireland or the ECB.

Type of Holiday	Non Processing Days - Target (ECB) Holiday
Weekend days	All
New Year's Day	1st January (or when this is weekend, first weekday in January)
May Day	*1 May
Good Friday	Variable
Easter Monday	Variable
Christmas Day	25 December (or when this is weekend, next weekday)
St Stephen's Day	26 December (or when this is weekend, next available weekday)
Irish Bank Holiday	27 December (or when this is weekend, next available weekday)
Irish Bank Holidays	17 March (or when this is weekend, first weekday after 17) First Mondays in May, June, August Last Monday in October

Important Information

Any batches of Credit Transfers submitted with a Requested Execution Date that does not adhere to the required processing cycle (D-1) will be pushed forward (or 'rolled') by Bank of Ireland to the earliest available Requested Execution Date (D). For any transactions that are 'rolled' in this scenario, the Creditor and Debtor transactions will be settled on the new settlement date.

Batches of Credit Transfers can be accepted by the Bank of Ireland up to 30 processing days before D (D-30).

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4.0 Submitting Payment Files under SEPA

4.1 Overview

With the introduction of the SEPA Credit Transfer Scheme, there are two new Bank of Ireland applications that you will use for the transmission and authorisation of your Credit Transfer files:

Business On Line File Gateway

Business On Line File Gateway is used for the initial upload and transferring of your files to Bank of Ireland.

Business On Line Payments Plus

Following initial upload, the file must be authorised on Business On Line Payments Plus.

This section will give you a brief introduction to these applications including registering your administrators and what will be involved when using the applications.

4.1.1 Business On Line File Gateway

Business On Line File Gateway is used to upload your SEPA Credit Transfer (PAIN001) files to Bank of Ireland. Once logged into the system, you will be able to upload your file by using a browse facility in Business Online File Gateway.

It is important to note that the file name must adhere to certain conventions, listed below.

Note: It is highly recommended to maintain individual names for each file, (adhering to the file name rules) for ease of audit and reference.

The following rules apply to the file name:

1. The file name must contain the following reference 'PAIN001'. 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 '_' must be used in the filename (preceding the file extension '.xml').

5. Filename must contain no spaces

Example: 20130628001PAIN001.xml

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

Business On Line File Gateway also provides you with the ability to download PAIN002 reports. These are available in both an xml file format version and a reader friendly version.

4.1.2   Business On Line Payments Plus

File authorisation is conducted in the Business On Line Payments Plus channel. To access Business Online Payments Plus you will be provided with a Digipass. This is a security device that generates single-use security access codes that are required for logging into and authorising files on Business On Line Payments Plus.

You will receive the Digipass relating to your SEPA OIN in the post. When this is received, you will have to contact Business On Line helpdesk to register and activate the Digipass.

Business On Line Payments Plus also provides the following report - File Rejections Report (detailing reasons why file was rejected).

Further support guides and a demo to Business on Line File Gateway & *Business on Line Payments Plus* **will be available to you as you migrate onto the new SEPA applications.**

4.2   Administrator Registration

In order to access *Business On Line File Gateway* and *Business On Line Payments Plus* you will need to assign certain administrators as follows:

Administrator 1:   Manages the submission of the file to Bank of Ireland via *Business On Line File Gateway*. This user also manages the retrieval of PAIN002 reports; the new SEPA format for reporting rejected, refused, returned and refunded Credit Transfers.

Administrator 2: Manages the authorisation of the file on *Business On Line Payments Plus*. This administrator will also use a Digipass (a security token) to create OTP's (One Time Passwords) and MAC's (Message Authentication Codes) in order to verify and authorise the Credit Transfer file.

If you are an existing Business On Line customer, your existing Administrators (also known as Customer User Administrator or CUA) will automatically be assigned as your administrators for the submission and authorisation of files.

If you are a WINBITS customer, Bank of Ireland will be in touch with you to register your Administrators.

Once your Administrators have been identified and communicated to Bank of Ireland, Bank of Ireland will be in touch with you to communicate your User ID's and passwords.

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5.0   Problems with the Credit Transfer File

▶ **If the file format is incorrect or incorrectly named:**

The file is invalid and cannot be uploaded and transferred to Business On Line Payments Plus. A message pointing to the invalid file will appear in your inbox on Business On Line File Gateway.

▶ **If a file fails pre-processing validation (e.g. number of transactions is incorrect):**

The file appears in the File Rejections Report area on Business On Line Payments Plus. The File Rejection Report is a report which is generated when a PAIN001 file fails pre-processing validation checks.

The following table is a listing of pre-processing validation error messages on SEPA Credit Transfer files. If your file has failed any of these checks, the File Rejection Report will detail one or more of the following messages:

Reason Text	Reason Description
File Error	You have exceeded your limit. Please review your file and re-submit or contact your relationship manager
File Error	This is a duplicate file. Please review your file and re-submit
File Error	You have included payments with a value date which is more than 60 days in the future, or 30 days in the past. Please review your file and resubmit.
File Error	The nominated account number is not registered under this Originator ID or there are inconsistent Originator IDs present on this file.
File Error	The Batch ID on the File is not unique. Please review your file and resubmit.
File Error	The total number of transactions in the file does not match the accumulated number of transactions for the batch (s). Please review your file and resubmit.
File Error	The accumulated number of transactions in a batch does not match the total number of transactions for that batch. Please review your file and resubmit.
File Error	The accumulated value of transactions in a batch does not match the total value of transactions for that batch. Please review your file and resubmit.
File Error	The accumulated value of transactions in a file does not match the total value of transactions for that file. Please review your file and resubmit.
File Error	An error has occurred with your file. Please review your file and re-submit.

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This section describes the Rejections to an Originators account following the submission of a PAIN001 file and subsequent rejections and returns arising from the submitted transactions.

Under the SEPA scheme originators are debited with the full value of the batch on the Requested Execution Date.

6.1   Settlement

Under SEPA, it is possible to submit a single file with multiple settlement dates and credit account numbers. For this reason, files are grouped into batches based on the requested execution date or the debtor account.

The bulk debit applied to the originator account is applied **per batch on requested execution date**. For example, if a file contains three batches, the originator account will receive three separate bulk debits.

Where a batch is submitted with a requested execution date more than 60 days in the future or 30 days in the past, each batch will be rejected (and reported on the PAIN002).

6.2   Rejections / Returns

A SEPA "r-message" can refer to any one of a number of possible Credit Transfer rejection notifications under SEPA . R-messages (rejects and returns) can occur either pre-settlement (prior to or on D) or post-settlement (after D).

▶ **Rejections (Pre-settlement)** include rejections where transactions have failed validation (e.g. invalid IBAN).

▶ **Returns (Post settlement)** include returns from another Bank (e.g. Invalid Account)

As an Originator, you may receive rejects/returns up to 3 days after D.

The value of each of the returned/rejected credits will be posted to your account individually

The difference between the postings is that all *pre-settlement r-messages* only get posted on the requested execution date of the original batch, whereas *post-settlement r-messages* get posted on the day on which they are received into Bank of Ireland.

For all rejected/returned credit transfers that are credited back to the Originating Account these will be reported on the PAIN002 report information relating to these rejections will be detailed on the PAIN002 report once they are received by Bank of Ireland.

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7.0   Rejections

7.1 Recalls

Credit Transfer File Originators can recall a File or a Transaction under the SEPA scheme.

Customers must contact the BOI Helpdesk to arrange a Recall. Please note a File or Transaction Recall can only be initiated from D up to D+10.

As Recalls are initiated after D, the debit to the Originator Account will already have taken place. Recall requests will be sent to the Creditor Bank of each of the Transactions being recalled. Each Creditor Bank must seek authorisation from the Beneficiary to debit the Beneficiary Account and return the funds to the Originator. This can take up to 10 Business Banking Days – and return of funds is not guaranteed.

7.2 Cancellations

A Customer can cancel a Credit Transfer File up to close of business on D-2. Transactions cannot be cancelled. Where a file cancellation has been instructed before close of business on D-2, the file is not processed and no debits/credits are made in relation to this file.

Customers must contact the BOI Helpdesk to request a File Cancellation

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8.0   Rejections Reporting

As part of the SEPA Credit Transfer scheme, you will have access to two different reports that relate to rejected Credit Transfers:

▶ PAIN002 XML File

▶ PAIN002 Readable Report

8.1   PAIN002

PAIN002 is a SEPA formatted file that provides detailed information relating to rejected and returned Credit Transfers for a single PAIN001 file. Each PAIN002 details all R-messages (rejects and returns) that have been created against a single PAIN001 file and will contain the reason code for R-messages. It is produced following the successful validation and processing of the PAIN001 file which contains rejections.

It can be used to manually or automatically reconcile collections and to represent payments. This is produced daily where an R-message has been received against the original PAIN001 file. R-messages can be received from time of submission of the PAIN001 collection file until 20 days following the settlement of the transaction (for Returns relating to a Recall can be 20 days after the settlement of the transaction).

This report is available in two formats, an XML file and a reader friendly report. The PAIN002 will be available through the Business On Line File Gateway application.

8.1.1   PAIN002 XML File

▶ PAIN002 files are generated per PAIN001 file per day when a rejection or return has occurred

▶ PAIN002 files will only be available on Business On Line File Gateway if an R-message has been created for the associated PAIN001 (for both pre-settlement and post-settlement R-messages). Where R-messages have been received the PAIN002 will be created at 7pm each day.

▶ A PAIN002 will be generated for transaction failures (BoI/CSM/Debtor Bank) but not batch or file level failures.

▶ The R-messages contained in a PAIN002 can be reconciled to the original transactions using the end to end ID.

▶ The PAIN002 does not contain the settlement date of the R-message, but does include the requested execution date of the original transaction.

8.1.2   PAIN002 Readable Report (SEPA Credit Transfer Payments Summary Report)

▶ The PAIN002 readable report will always be available where a PAIN002 XML file has been generated.

▶ A requested execution date for the R-message is included in the human readable version of the PAIN002.

  ▶ Pre-settlement R-message, the settlement date is the settlement date of the original payment.

  ▶ Post-settlement return, the settlement date is the date that the R-message is sent by the debtor bank.

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Appendix 1: PAIN.002.001.02 XML File Structure

Please see the full file structure at the following link

http://businessbanking.bankofireland.com/payments-and-cards/online-banking/sepa/sepa-business/download-supporting-documentation

Appendix 1.1: The Character Set

The PAIN.001.001.03 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 PAIN001, appearing as:

  <Cdtr>

      <Nm>AB & 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 (above). 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

  1. End-to-End Identification (NB: This must be unique within the Batch).

  2. Mandate Identification

  3. Message Identification

  4. Payment Information Identification (NB: This must be unique within the File).

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

Optional Fields

5. Instruction Identification

6. Creditor and Debtor Identification

7. Ultimate Debtor/Creditor Identification

8. Original mandate identification

9. Remittance Information

10. Proprietary Codes

Appendix 1.2: Fields 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 –Originator to decide if this field needs to be populated

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.

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

1. Ultimate Creditor

2. Charge Bearer

Appendix 1.3: 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.

Appendix 1.4: Unused Optional Tags

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

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Appendix 1.5: 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
+	<>
++	<> <>
+++	<> <> <>

Appendix 1.6: File Name

The following rules apply to the file name:

1. The file name must contain the following reference 'PAIN001'. 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').

Example: 20130628001PAIN001.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.

Appendix 1.7: ISO Codes

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

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

Appendix 2: PAIN.002

Appendix 2.1: PAIN.002.001.03 Version 1.0 Overview

The following pages detail the PAIN.002.001.03 file formats that will be available to SEPA Credit Transfers where a SEPA r-message has been received against a payment. The following section is taken from the specification document available here:

http://businessbanking.bankofireland.com/fs/doc/wysiwyg/sepa-direct-debit-pain-002-001-03-unpaid-xml-file-structure-july-2013.pdf

A SEPA 'r-message' is rejection of a transaction. There are 2 types of r-messages, pre-settlement and post-settlement r-messages. The following describes the types of r-messages generated by debtor banks in SEPA:

Pre-settlement r-messages include rejections (e.g. invalid IBAN) and refusals

When you submit a file to Bank of Ireland, if there are errors when processing the credit transfer transactions these rejections will be reported in the PAIN.002.001.03 file as pre and post settlement rejections.

The postings associated with these r-messages are grouped together based on certain criteria and posted to the creditors account as Bulk entries

PAIN.002.001.03: This is produced daily where an r-message has been received against the original PAIN.001.001.03 file. This report is available in two formats, an XML file and a reader friendly report, which can be used to automatically or manually reconcile credit transfer transactions .

Appendix 2.2: Purpose

The purpose of this section is to outline the: PAIN.002.001.03 XML file format

Knowledge of XML is recommended to interpret this document.

Appendix 2.3: Characteristics of PAIN.002.001.03

1. The PAIN.002.001.03 report will be available in XML and reader friendly HTML format.

2. The report will be available on Bank of Ireland's dedicated SEPA online channel, Business On Line Payments Plus. Bank of Ireland will communicate details of this channel and log on details to you.

3. The PAIN.002.001.03 file is generated per PAIN.001.001.03 file, per day. It details any r-messages that have been created against the PAIN.001.001.03 file and will contain the reason code for the rejection.

4. A PAIN.002.001.03 file will only be available if an r-message has been created for the associated PAIN.001.001.03 on a given day.

5. The r-messages contained in a PAIN.002.001.03 can be matched to the original transactions using the end to end ID.

6. PAIN.002.001.03 generated by Bank of Ireland will detail r-messages at transaction level. Bank of Ireland will not generate PAIN.002.001.03 messages for failures at file (Group Header) or batch (Payment Information) level. File failures will be reported as a specific message on the online channel.

Appendix 2.4: Fields Types

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

Always Present – Fields that will always be present on the PAIN.002.001.03

Optional Fields – This field will be populated if the corresponding optional field on the PAIN.008.001.02 was populated

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Appendix 2.5: 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 level 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
+	<>
++	<> <>
+++	<> <> <>
++++	<> <> <> <>

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Appendix 2.6: Reason Codes

Originators may receive the following reasons codes as part of the PAIN.002.001.03 message to detail the reason for the rejection. This code will be populated in the code tag, field index 3.23, as outlined in the Transaction Information block in the file format section of this document.

Post-Settlement Returns/Refunds

Return codes

The following table lists the reason codes that could occur for a return message

ISO Code	SEPA Reason as specified in the Rulebook
AC01	Account identifier incorrect (i.e. invalid IBAN)
AC04	Account closed
AC06	Account blocked
	Account blocked for direct debit by the Debtor
AG01	Direct debit forbidden on this account for regulatory reasons
AG02	Operation/transaction code incorrect, invalid file format
	Usage Rule: To be used to indicate an incorrect 'operation/transaction' code
AM04	Insufficient funds
AM05	Duplicate collection
BE05	Identifier of the Creditor incorrect
FF05	Direct Debit type incorrect
MD01	No valid Mandate
MD07	Debtor deceased
MS02	Refusal by the Debtor
MS03	Reason not specified
RC01	Bank identifier incorrect (i.e. invalid BIC)
RR01	Missing Debtor Account Or Identification
RR02	Missing Debtors Name Or Address
RR03	Missing Creditors Name Or Address
RR04	Regulatory Reason
SL01	Specific Service offered by the Debtor Bank
DNOR	Debtor bank is not registered under this BIC in the CSM

Refund codes

The following table lists the reason codes that could occur for a refund message from a debtor bank:

ISO Code	SEPA Core Reason as specified in the Rulebooks
MD01	Unauthorised transaction
MD06	Disputed authorised transaction

Note: MD01 may be used for both a Return and a Refund. To determine whether the transaction is a return or a refund:

▶ If it is a return, the Originator value in the Return Reason Information field will be populated with a BIC.

▶ If it is a refund, the Originator value in the Return Reason Information field will be populated with a Debtor Name.

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Pre-Settlement Rejects

The following table lists the reason codes that could occur for rejections or refusals or rejections from Bank of Ireland:

ISO Code	SEPA Reason as specified in the Rulebook
AC01	Account identifier incorrect (i.e. invalid IBAN)
AC04	Account closed
AC06	Account blocked
	Account blocked for direct debit by the Debtor
AG01	Direct debit forbidden on this account for regulatory reasons
AG02	Operation/transaction code incorrect, invalid file format
	Usage Rule: To be used to indicate an incorrect 'operation/transaction' code
AM04	Insufficient funds
AM05	Duplicate collection
BE01	Debtor's name does not match with the account holder's name
BE05	Identifier of the Creditor Incorrect
FF01	Operation/transaction code incorrect, invalid file format
	Usage Rule: To be used to indicate an invalid file format.
FF05	Direct Debit type incorrect
MD01	No valid Mandate
MD02	Mandate data missing or incorrect
MD07	Debtor deceased
MS02	Refusal by the Debtor
MS03	Reason not specified
RC01	Bank identifier incorrect (i.e. invalid BIC)
RR01	Missing Debtor Account Or Identification
RR02	Missing Debtors Name Or Address
RR03	Missing Creditors Name Or Address
RR04	Regulatory Reason
SL01	Specific Service offered by the Debtor Bank
DNOR	Debtor bank is not registered under this BIC in the CSM