

CRS Naming Conventions, and CRS XML Forbidden and Restricted Characters.

1. CRS Naming Conventions

FI MessageRefID format

Element:	MessageRefID
Datatype:	xsd:string
Pattern:	<reporting_year><FI_Revenue_customer_number>MS<FI_Message_uid>
Description:	<ul style="list-style-type: none"> • <reporting_year> Year of the reporting period • <FI_Revenue_customer_number> FI's Revenue customer number (Tax number or Reporting Entity registration number) • 'MS' indicates that this is a MessageRefID • <FI_Message_uid> A unique id for each message submitted to Revenue. The unique id could be a sequential number or a timestamp or another unique identifier of the FI's choosing. <p>In circumstances where MessageRefIDs are generated by disparate systems within a Financial Institution, and the MessageRefIDs are for use in messages that are to be submitted to Revenue, the MessageRefIDs should include a unique identifier for their system of origin within the <FI_Message_uid> element in order to ensure uniqueness of the MessageRefID. Financial Institutions may submit multiple messages to Revenue, for example a message may be submitted for each department or book of business in operation in the Financial Institution and the inclusion of a unique identifier for the system of origin will ensure the uniqueness of the MessageRefID within the namespace for that Financial Institution. Note: the term 'message' refers to what is also often called a 'file' or a 'return'.</p>
Examples:	<p>Example 1 - FI_Message_uid is a sequential number</p> <p>First message sent by an FI</p> <p>20163346602FHMS0001</p> <p>Where:</p> <p>2016 is the year of the reporting period</p> <p>3346602FH is the FI's Revenue customer number (Tax number or Reporting Entity registration number)</p> <p>MS indicates that this is a MessageRefID</p> <p>0001 is the unique Message_uid for this message</p> <p>Second message sent by an FI</p> <p>20163346602FHMS0002</p> <p>Example 2 - FI_Message_uid is a timestamp</p>

Message sent by an FI

20163346602FHMS1472142039115

Where:

2016 is the year of the reporting period

3346602FH is the FI's Revenue customer number (Tax number or Reporting Entity registration number)

MS indicates that this is a MessageRefID

1472142039115 is the unique Message_uid for this message

Example 3 FI_Message_uid is generated from disparate systems within a FI and using a sequential number

First message sent by an FI from 'System A'

20163346602FHMSysA0001

Where:

2016 is the year of the reporting period

3346602FH is the FI's Revenue customer number (Tax number or Reporting Entity registration number)

MS indicates that this is a MessageRefID

SysA indicates that this message was generated by System A

0001 is the unique Message_uid for this message

Second message sent by an FI from 'System A'

20163346602FHMSysA0002

Example where first message sent by an FI from 'System B'

20163346602FHMSysB0001

FI DocRefID format for use within the ReportingFI Element

Element:	DocRefID
Datatype:	xsd:string
Pattern:	<reporting_year><FI_Revenue_customer_number>FI<ReportingFI_uid>
Description:	<ul style="list-style-type: none"> • <reporting_year> Year of the reporting period • <FI_Revenue_customer_number> FI's Revenue customer number (Tax number or Reporting Entity registration number) • 'FI' indicates that this is a DocRefID for use within the ReportingFI Element • <ReportingFI_uid> A unique id for each ReportingFI Element. This could be a sequential number or a timestamp or another unique identifier of the FI's choosing. <p>In circumstances where DocRefIDs are generated by disparate systems within a Financial Institution, and the DocRefIDs are for use in messages to be submitted to Revenue, the DocRefIDs should include a unique identifier for their system of origin within the <ReportingFI_uid> element in order to ensure uniqueness of the DocRefID. Financial Institutions may submit multiple messages to Revenue, for example a message may be submitted for each department or book of business in operation in a Financial Institution and the inclusion of a unique identifier for the system of origin will ensure the uniqueness of the DocRefID within the namespace for that Financial Institution.</p>
Examples:	<p>Example 1 DocRefID within the ReportingFI Element is a sequential number</p> <p>DocRefID for first message sent by an FI</p> <p>20163346602FHFI0000000001</p> <p>Where:</p> <p>2016 is the year of the reporting period</p> <p>3346602FH is the FI's Revenue customer number (Tax number or Reporting Entity registration number)</p> <p>FI indicates that this is a DocRefID for use within the ReportingFI Element</p> <p>0000000001 is the unique id for the ReportingFI Element</p>

Where a subsequent message is sent by the FI, correcting a detail within the ReportingFI Element according to the correction process and including a new DocRefID within the ReportingFI Element, the DocRefID (using a sequential number) should be as follows:

20163346602FHF10000000002

Example 2 DocRefID within the ReportingFI element is a timestamp

20163346602FHF11472142039115

Where:

2016 is the year of the reporting period

3346602FH is the FI's Revenue customer number (Tax number or Reporting Entity registration number)

FI indicates that this is a DocRefID for use within the ReportingFI Element

1472142039115 is the unique id for the ReportingFI Element

Example 3 DocRefID within the ReportingFI element is generated from disparate systems within a FI and using a sequential number

First message sent by an FI from 'System A'

20163346602FHFISysA0000000001

Where:

2016 is the year of the reporting period

3346602FH is the FI's Revenue customer number (Tax number or Reporting Entity registration number)

FI indicates that this is a DocRefID for use within the ReportingFI Element

SysA indicates that this message was generated by System A

0000000001 is the unique id for this ReportingFI Element

Where a subsequent message is sent by the FI from 'System A', correcting a detail within the ReportingFI Element according to the correction process and including a new DocRefID within the ReportingFI Element, the DocRefID (using a sequential number) should be as follows:

20163346602FHFISysA0000000002

FI DocRefID format for use within the AccountReport Element

Element:	DocRefID
Datatype:	xsd:string
Pattern:	<reporting_year><FI_Revenue_customer_number>AR<AccountReport_uid>
Description:	<ul style="list-style-type: none"> • <reporting_year> Year of the reporting period • <FI_Revenue_customer_number> FI's Revenue customer number (Tax number or Reporting Entity registration number) • 'AR' indicates that this is a DocRefID for use within the AccountReport Element • <AccountReport_uid> A unique id for each AccountReport Element. This could be a sequential number or another unique identifier of the FI's choosing. <p>In circumstances where DocRefIDs are generated by disparate systems within a Financial Institution, and the DocRefIDs are for use in messages to be submitted to Revenue, the DocRefIDs should include a unique identifier for their system of origin within the <AccountReport_uid> element in order to ensure uniqueness of the DocRefID. Financial Institutions may submit multiple messages to Revenue, for example a message may be submitted for each department or book of business in operation in a Financial Institution and the inclusion of a unique identifier for the system of origin will ensure the uniqueness of the DocRefID within the namespace for that Financial Institution.</p>
Examples:	<p>Example 1 DocRefID within the AccountReport Element is a sequential number</p> <p>The first AccountReport Element includes the following DocRefID</p> <p>20163346602FHAR0000000001</p> <p>Where:</p> <p>2016 is the year of the reporting period</p> <p>3346602FH is the FI's Revenue customer number (Tax number or Reporting Entity registration number)</p> <p>AR indicates that this is a DocRefID for use within the AccountReport Element</p> <p>0000000001 is the unique id for this AccountReport Element</p>

The second AccountReport Element within the same message includes the following DocRefID

20163346602FHAR0000000002

Where:

2016 is the year of the reporting period

3346602FH is the FI's Revenue customer number (Tax number or Reporting Entity registration number)

AR indicates that this is a DocRefID for use within the AccountReport Element

0000000002 is the unique id for this AccountReport Element

Example 2 DocRefID within the AccountReport Element is generated from disparate systems within a FI and using a sequential number

The DocRefID within the first AccountReport element generated by 'System A' includes the following DocRefID

20163346602FHARSysA0000000001

Where:

2016 is the year of the reporting period

3346602FH is the FI's Revenue customer number (Tax number or Reporting Entity registration number)

AR indicates that this is a DocRefID for use within the AccountReport Element

SysA indicates that this message was generated by System A

0000000001 is the unique id for this AccountReport Element

The second AccountReport Element within the same message includes the following DocRefID:

20163346602FHARSysA0000000002

Where:

2016 is the year of the reporting period

3346602FH is the FI's Revenue customer number (Tax number or Reporting Entity registration number)

AR indicates that this is a DocRefID for use within the AccountReport Element

SysA indicates that this message was generated by System A

0000000002 is the unique id for this AccountReport Element

Example 3 DocRefID within the AccountReport Element is generated from disparate systems within a FI and using a sequential number

The DocRefID within the first AccountReport element generated by 'System B' includes the following DocRefID

20163346602FHARSysB0000000001

Where:

2016 is the year of the reporting period

3346602FH is the FI's Revenue customer number (Tax number or Reporting Entity registration number)

AR indicates that this is a DocRefID for use within the AccountReport Element

SysB indicates that this message was generated by System B

0000000001 is the unique id for this AccountReport Element

2. CRS XML Forbidden and Restricted characters

If a CRS XML file contains one or more of the following characters, their presence will cause the file to be rejected. These characters should be replaced by the following predefined entity references to conform to XML schema best practices.

Character	Description	Entity Reference
&	Ampersand	&
<	Less Than	<

If a CRS XML file contains one or more of the following characters, their presence will not cause a file error. We recommend that the characters are replaced by the following predefined entity references to conform to XML schema best practices.

Character	Description	Entity Reference
>	Greater Than	>
'	Apostrophe	'
"	Quotation Mark	"

If a CRS XML file contains one of the following combinations of characters, the file will be rejected. These combinations of characters are not allowed. To prevent file errors, please do not include any of these combinations of characters.

Character	Description	Entity Reference
--	Double Dash	N/A
/*	Slash Asterisk	N/A
&#	Ampersand Hash	N/A