



**NEHTA Standard Message
Implementation Guidelines for Health
eProcurement**

Part 5: GS1 XML Settlement Advice Message

Version 1.5 - 11/10/2010

Final

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Version Control

Version	Nature of Change/Comments
1.5	Version 1.5 of NEHTA XML settlement Advice message is aligned with GS1 settlement message version 2.3

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1 Introduction

This document describes the elements of the GS1 XML Settlement Advice (version 2.3) message that will be used by Australia's Public Health Jurisdictions for Payment and Remittance and is intended for technical staffs that has the responsibility of implementing these messages in their local systems. This information will assist technical staff to correctly populate or parse the Settlement messages.

It is presumed that readers have an understanding of XML and an overview of the messages and data sets defined in Australian Standard AS5023 and the structure of the messages defined in GS1 XML.

The GS1 XML data elements in this document are limited to those which have an equivalent in, or are related to, the AS5023 standard for Health Supply Chain Messaging.

The cardinality listed is the cardinality of the actual element or attribute at the lowest level. Higher level elements need to be taken into consideration in determining whether or not the element is required in a particular circumstance.

Note also that the constraints listed in this document are based on technical rules. Business rules may impose additional constraints.

1.1 Format – Data Sections

In the following sections the table cells are colour coded as follows:

AS5023 related information is yellow
Basic GS1 XML information is green
Constraint information is blue
Co-requisite and optional elements are unshaded

The table headings are:

- **AS5023 Reference**

This provides a link to the specific data element in the AS5023.2-2003 document.

- **Section:** This will be one of 'Header', 'Detail', or 'End of Message' as per the headings of the major tables for each data set in the AS5023 document.
- **Group:** The title in the first column of the AS5023 table.
- **Element:** The Element name as given in the third column of the AS5023 table.

- **Description/Comment**

This is a transcription of parts of the Description and Comments columns from the AS5023 table where they help clarify the intent of the data element.

- **GS1 XML path**

This is a pseudo XPath to the element that will assist in locating the element within the XML tree. Prefixes etc. are specifically excluded for the sake of simplification.

- **Basic Type**

'Attribute', 'Element', or 'Complex Type'. If it is a Complex Type, then typically there will be a subsection following that identifies the Attributes and Elements of that Complex Type.
- **Comments**

This field contains any other information that will assist in the population of the data element. (In some cases, the source of these comments comes from NEHTA documents.)
- **Schema Constraints**

Any restrictions on the use of the data element, sometimes these constraints are inherent within the schema. Sometimes they are external rules imposed by GS1 or NEHTA standards.

 - **Mandatory** An item can be mandatory based on external GS1 or NEHTA rules in addition to the schema rules.
 - **Data Type** Where possible, this is the simple XML data type. In some cases it is the Complex Type with further details of the component attributes and elements provided in other sections of the document.
 - **Cardinality** The cardinality of the specific element. Note that the cardinality of parent elements also influences how the element is used.
 - **Other constraints** are listed following the Cardinality restraint. For example, the allowable values of a list element.
- **Co-requisites**

These are other elements and attributes which **MUST** be used if this element is used. The data type is listed after the name of the element/attribute.
- **Optional Elements**

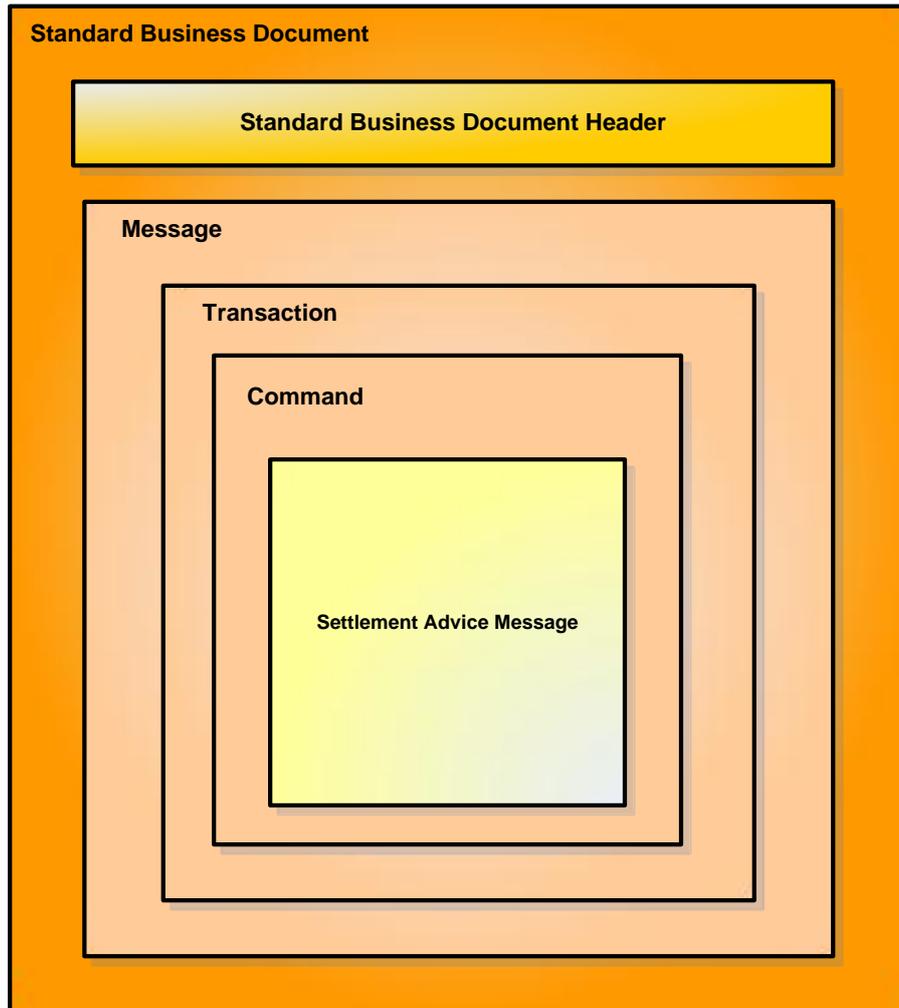
Other data elements and attributes which **MAY** be used if this element is used. The data type is listed after the name of the element/attribute.

When related elements are referred to, particularly in the Co-requisites and Optional Elements sections, a functional bias has been taken in deciding which elements to include or exclude.

1.2 XML Document Structure and Layers

The Settlement Message elements must be wrapped in the Message Layer elements: message, transaction, and command. In turn, the Message Layer elements must be wrapped in the UN/CEFACT Standard Business Document. Details of these elements are given Header Elements section. AS5023 information is not relevant to the Header or Message Layer elements.

The following diagram shows the relationship between the Header elements, Message Layer elements, and the Settlement Advice Message elements.



1.3 Global Trade Item Numbers - GTINs

Global Trade Item Numbers are used extensively to identify items. This field MUST contain a 14 digit number, so a 'filler 0' must be added to the front of the number if they are 8, 12, or 13 digit GTINs. For example, 9312345678901 becomes 09312345678901. This does not change the number at all, it is simply a non-significant digit added so this will pass schema validation.

1.4 Global Location Numbers - GLNs

Global Location Number are 13 digit number used uniquely identify physical locations or legal entities. GLNs are part of GS1 systems of standards.

1.5 Reference documents

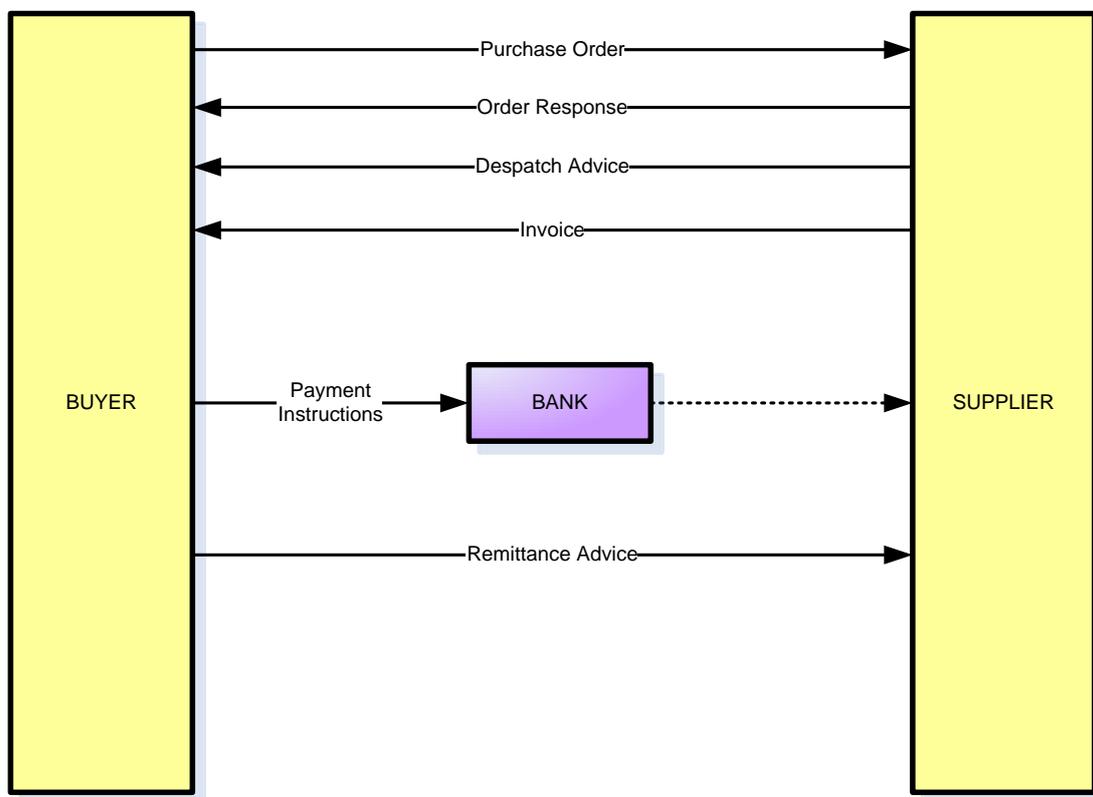
The information in this document is based on the documents identified in the Reference Section at the end of this document.

2 Background

Settlement Advice message is used to make a payment, send a remittance advice, or make a payment and send a remittance advice. This message can be an order to a financial institution to make a payment to a payee. It can also be a remittance advice identifying the detail needed to perform cash applications to the payee's account receivable system. The remittance advice goes directly from payer to payee.

2.1 Overall Process Flow

Below figure is self explanatory and covers the high level process of order fulfilment and Settlement flow.



Order Fulfilment and Settlement flow

2.2 Transaction Types

This section provides some key background information on the way the Payment and Remittance may operate which have an impact on the way the messages are constructed. It is recommended the Jurisdiction or the users of the settlement message must have a Trading partner agreement in place.

2.2.1 Payment Types defined

NEHTA XML supports the following Settlement Advice type;

- | | |
|----|---|
| 1. | Remittance Advice: The remittance advice is used to send the flow of the detail data containing dollars paid into the financial Institution and beneficiary details. |
|----|---|

1.	Note: This is represented in NEHTA XML in a mandatory tag <code><transactionHandlingType></code> which must be set to "REMITTANCE ONLY" for remittance advice.
----	---

Other Payment Types not supported:

Payment Instructions: The payment instruction refers to the authorization of flow of dollars and summary data and/or detail data from Buyer to the financial Institution and / or to the Supplier depending on the agreement. This is represented as a "PAYMENT_ONLY" list value for `<transactionHandlingType>`.

3 Header Elements

In this section, the GS1 XML path root is:

StandardBusinessDocument

(XPath: StandardBusinessDocument)

All XML paths will assume this starting point unless otherwise stated.

The Standard Business Document Header schema is specified by UN/CEFACT, and used by GS1 to envelope the business documents such as the settlement advice. GS1 has specified additional constraints to those in the UN/CEFACT schema when being used in the GS1 XML context. NEHTA has further specified additional constraints to both of these for use in Health Sector Supply Chain messaging.

3.1 Header Version

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→HeaderVersion		
<i>Basic Type</i>	Element		
<i>Comments</i>	This is the version number of the SBDH standard.		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes – GS1 constraint.		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		
	Must be set to '1.0'		
<i>Co-requisites</i>	StandardBusinessDocumentHeader→Sender (<i>Partner</i>) StandardBusinessDocumentHeader→Receiver (<i>Partner</i>) StandardBusinessDocumentHeader→DocumentIdentification (<i>DocumentIdentification</i>) StandardBusinessDocumentHeader→BusinessScope (<i>BusinessScope</i>)		
<i>Optional Elements</i>			

3.2 Sender

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→Sender→Identifier		
<i>Basic Type</i>	Element		
<i>Comments</i>	GS1 places additional constraints on the original UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> Global Location Number		
	<i>Cardinality:</i> 1..*		
	Only <u>one</u> Sender element can be used even though the schema allows for multiple elements. The Sender Identifier <u>must</u> be the GLN of the sending organisation.		
<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→Sender) →Identifier→Authority (<i>Attribute - string</i>) →ContactInformation→Contact (<i>string</i>) →ContactInformation→EmailAddress (<i>string</i>) →ContactInformation→FaxNumber (<i>string</i>) →ContactInformation→TelephoneNumber (<i>string</i>)		
<i>Optional Elements</i>	(Relative to StandardBusinessDocumentHeader→Sender) →ContactInformation→ContactTypeIdentifier (<i>string</i>)		

3.3 Authority

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→Sender→Identifier→Authority		

<i>Basic Type</i>	Attribute
<i>Comments</i>	This attribute must be used according to GS1 standards.
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes
	<i>Data Type:</i> string
	<i>Cardinality:</i> 1..1
	Must be set to 'EAN.UCC'
<i>Co-requisites</i>	None
<i>Optional Elements</i>	None

3.4 Sender Name

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→Sender→ContactInformation→Contact		
<i>Basic Type</i>	Element		
<i>Comments</i>	This attribute Shall be used according to GS1 standards, this element is mandatory if ContactInformation is used as per UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		
	Department and/or job title of technical contact in the sending organisation that is able to address issues concerning message delivery. Should not contain the name of an individual.		
<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→Sender→ContactInformation) →EmailAddress (<i>string</i>) →FaxNumber (<i>string</i>) →TelephoneNumber (<i>string</i>)		

<i>Optional Elements</i>	→ContactTypeIdentifier (<i>string</i>)
--------------------------	--

3.5 Sender Email Address

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→Sender→ContactInformation→EmailAddress		
<i>Basic Type</i>	Element		
<i>Comments</i>	Optional in UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 0..1		
	Email address of technical contact in the sending organisation that is able to address issues concerning message delivery. Should not contain Personally Identifiable Information (PII).		
<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→Sender→ContactInformation) →Contact (<i>string</i>) →FaxNumber (<i>string</i>) →TelephoneNumber (<i>string</i>)		
<i>Optional Elements</i>	→ContactTypeIdentifier (<i>string</i>)		

3.6 Sender Fax Number

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→Sender→ContactInformation→FaxNumber		
<i>Basic Type</i>	Element		

<i>Comments</i>	Optional in UN/CEFACT schema definition.
<i>Schema Constraints</i>	<i>Mandatory:</i> No
	<i>Data Type:</i> string
	<i>Cardinality:</i> 0..1
	Fax number of technical contact in the sending organisation that is able to address issues concerning message delivery.
<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→Sender→ContactInformation) →Contact (<i>string</i>) →EmailAddress (<i>string</i>) →TelephoneNumber (<i>string</i>)
<i>Optional Elements</i>	→ContactTypeIdentifier (<i>string</i>)

3.7 Sender Phone Number

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→Sender→ContactInformation→ TelephoneNumber		
<i>Basic Type</i>	Element		
<i>Comments</i>	Optional in UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 0..1		
	Phone number of technical contact in the sending organisation that is able to address issues concerning message delivery.		

<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→Sender→ContactInformation) →Contact (<i>string</i>) →EmailAddress (<i>string</i>) →FaxNumber (<i>string</i>)
<i>Optional Elements</i>	→ContactTypeIdentifier (<i>string</i>)

3.8 Receiver

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→Receiver→Identifier		
<i>Basic Type</i>	Element		
<i>Comments</i>	GS1 places additional constraints on the original UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> Global Location Number		
	<i>Cardinality:</i> 1..*		
	Only <u>one</u> Receiver element can be used even though the schema allows for multiple elements. The Receiver Identifier <u>must</u> be the GLN of the sending organisation.		
<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→Receiver) →Identifier→Authority (<i>Attribute - string</i>) →ContactInformation→Contact (<i>string</i>) →ContactInformation→EmailAddress (<i>string</i>) →ContactInformation→FaxNumber (<i>string</i>) →ContactInformation→TelephoneNumber (<i>string</i>)		
<i>Optional Elements</i>	(Relative to StandardBusinessDocumentHeader→Receiver) →ContactInformation→ContactTypeIdentifier (<i>string</i>)		

3.9 Authority

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→Receiver→Identifier→Authority		
<i>Basic Type</i>	Attribute		
<i>Comments</i>	This attribute must be used according to GS1 standards.		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		
	Must be set to 'EAN.UCC'		
<i>Co-requisites</i>	None		
<i>Optional Elements</i>	None		

3.10 Receiver Name

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→Receiver→ContactInformation→Contact		
<i>Basic Type</i>	Element		
<i>Comments</i>	This element is mandatory if ContactInformation is used as per UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		
	Department and/or job title of technical contact in the receiving organisation that is able to address issues concerning message delivery. Shall not contain the name of an individual.		

<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→Receiver→ContactInformation) →EmailAddress (<i>string</i>) →FaxNumber (<i>string</i>) →TelephoneNumber (<i>string</i>)
<i>Optional Elements</i>	→ContactTypeIdentifier (<i>string</i>)

3.11 Receiver Email Address

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→Receiver→ContactInformation→ EmailAddress		
<i>Basic Type</i>	Element		
<i>Comments</i>	Optional in UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 0..1		
	Email address of Department in the receiving organisation who is able to address issues concerning message delivery, should not contain Personally identifiable information (PII).		
<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→Receiver→ContactInformation) →Contact (<i>string</i>) →FaxNumber (<i>string</i>) →TelephoneNumber (<i>string</i>)		
<i>Optional Elements</i>	→ContactTypeIdentifier (<i>string</i>)		

3.12 Receiver Fax Number

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→Receiver→ContactInformation→ FaxNumber		
<i>Basic Type</i>	Element		
<i>Comments</i>	Optional in UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 0..1		
	Fax number of receiving organisation who is able to address issues concerning message delivery.		
<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→Receiver→ContactInformation) →Contact (<i>string</i>) →EmailAddress (<i>string</i>) →TelephoneNumber (<i>string</i>)		
<i>Optional Elements</i>	→ContactTypeIdentifier (<i>string</i>)		

3.13 Receiver Phone Number

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→Receiver→ContactInformation→ TelephoneNumber		
<i>Basic Type</i>	Element		
<i>Comments</i>	Optional in UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> string		

	<i>Cardinality:</i> 0..1
	Phone number of technical contact in the receiving organisation who is able to address issues concerning message delivery.
<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→Receiver→ContactInformation) →Contact (<i>string</i>) →EmailAddress (<i>string</i>) →FaxNumber (<i>string</i>)
<i>Optional Elements</i>	→ContactTypeIdentifier (<i>string</i>)

3.14 Message Document Standard

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→DocumentIdentification→Standard		
<i>Basic Type</i>	Element		
<i>Comments</i>	GS1 places additional constraints on the original UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		
	Must be set to 'EAN.UCC'		
<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→DocumentIdentification) →TypeVersion (<i>string</i>) →InstanceIdentifier (<i>string</i>) →Type (<i>string</i>) →MultipleType (<i>boolean</i>) →CreationDateAndTime (<i>dateTime</i>)		
<i>Optional Elements</i>	None		

3.15 Message Document Type Version

AS5023 Reference	Section:	Group:	Element:
Description/Comments			
GS1 XML Path	StandardBusinessDocumentHeader→DocumentIdentification→TypeVersion		
Basic Type	Element		
Comments	GS1 places additional constraints on the original UN/CEFACT schema definition.		
Schema Constraints	Mandatory: Yes		
	Data Type: string		
	Cardinality: 1..1		
	Must be set to the version number of the Settlement Advice schema e.g. '2.3'		
Co-requisites	(Relative to StandardBusinessDocumentHeader→DocumentIdentification) →Standard (<i>string</i>) →InstanceIdentifier (<i>string</i>) →Type (<i>string</i>) →MultipleType (<i>boolean</i>) →CreationDateAndTime (<i>dateTime</i>)		
Optional Elements	None		

3.16 Message Document Identification

AS5023 Reference	Section:	Group:	Element:
Description/Comments			
GS1 XML Path	StandardBusinessDocumentHeader→DocumentIdentification→InstanceIdentifier		
Basic Type	Element		
Comments	GS1 places additional constraints on the original UN/CEFACT schema definition.		

<i>Schema Constraints</i>	<i>Mandatory:</i> Yes
	<i>Data Type:</i> string
	<i>Cardinality:</i> 1..1
	This element must uniquely identify the instance of the Standard Business Document. That is, no two transmissions will have the same identifier regardless of the type of business document contained, or if a specific business document is transmitted multiple times. This element is used to identify the whole message being transmitted, not the business document contained within the message.
<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→DocumentIdentification) →Standard (<i>string</i>) →TypeVersion (<i>string</i>) →Type (<i>string</i>) →MultipleType (<i>boolean</i>) →CreationDateAndTime (<i>dateTime</i>)
<i>Optional Elements</i>	None

3.17 Message Document Type

<i>AS5023 Reference</i>	<i>Section:</i> Header	<i>Group:</i> Opening	<i>Element:</i> Message Type
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→DocumentIdentification→Type		
<i>Basic Type</i>	Element		
<i>Comments</i>	GS1 places additional constraints on the original UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		

	Must be set to 'settlement'. (The name of the root element in the payload document.)
<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→DocumentIdentification) →Standard (<i>string</i>) →TypeVersion (<i>string</i>) →InstanceIdentifier (<i>string</i>) →MultipleType (<i>boolean</i>) →CreationDateAndTime (<i>dateTime</i>)
<i>Optional Elements</i>	None

3.18 Message Document Multiple Types Included

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→DocumentIdentification→MultipleType		
<i>Basic Type</i>	Element		
<i>Comments</i>	GS1 places additional constraints on the original UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> boolean		
	<i>Cardinality:</i> 1..1		
	Must be set to 'false'. (NEHTA standard – only one business document may be sent per transmission.)		
<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→DocumentIdentification) →Standard (<i>string</i>) →TypeVersion (<i>string</i>) →InstanceIdentifier (<i>string</i>) →Type (<i>string</i>) →CreationDateAndTime (<i>dateTime</i>)		
<i>Optional Elements</i>	None		

3.19 Message Document Creation Date

<i>AS5023 Reference</i>	<i>Section:</i> Header	<i>Group:</i> Opening	<i>Element:</i> Remittance advice date
<i>Description/Comments</i>	Date this remittance advice was created		
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→DocumentIdentification→CreationDateAndTime		
<i>Basic Type</i>	Element		
<i>Comments</i>	GS1 places additional constraints on the original UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> dateTime		
	<i>Cardinality:</i> 1..1		
	Must be set to the date and time that the source settlement advice was approved/verified in the original system.		
<i>Co-requisites</i>	(Relative to StandardBusinessDocumentHeader→DocumentIdentification) →Standard (<i>string</i>) →TypeVersion (<i>string</i>) →InstanceIdentifier (<i>string</i>) →Type (<i>string</i>) →MultipleType (<i>boolean</i>)		
<i>Optional Elements</i>	None		

3.20 Business Scope Type

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→BusinessScope→Scope→Type		
<i>Basic Type</i>	Element		

<i>Comments</i>	NEHTA standards mandate the use of this element although it is optional in the UN/CEFACT schema definition.
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes
	<i>Data Type:</i> string
	<i>Cardinality:</i> 1..1
	Must be set to 'NEHTA:E-Procurement'
<i>Co-requisites</i>	StandardBusinessDocumentHeader→BusinessScope→Scope→InstanceIdentifier
<i>Optional Elements</i>	StandardBusinessDocumentHeader→BusinessScope→Scope→Identifier

3.21 Business Scope Identifier

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	StandardBusinessDocumentHeader→BusinessScope→Scope→InstanceIdentifier		
<i>Basic Type</i>	Element		
<i>Comments</i>	NEHTA standards mandate the use of this element although it is optional in the UN/CEFACT schema definition.		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		
	Must be set to '1.5' which is the current version of this guideline.		
<i>Co-requisites</i>	StandardBusinessDocumentHeader→BusinessScope→Scope→Type		
<i>Optional Elements</i>	StandardBusinessDocumentHeader→BusinessScope→Scope→Identifier		

3.22 <any>

AS5023 Reference	Section:	Group:	Element:
Description/Comments			
GS1 XML Path	<any>		
Basic Type			
Comments	This is the place holder for the GS1 XML constructs. It must be replaced by the 'message' element from the Message Layer group of schema.		
Schema Constraints	Mandatory:		
	Data Type:		
	Cardinality:		
	Must be replaced with 'message'. See the Message Layer section.		
Co-requisites	StandardBusinessDocumentHeader		
Optional Elements	None		

4 Message Layer Elements

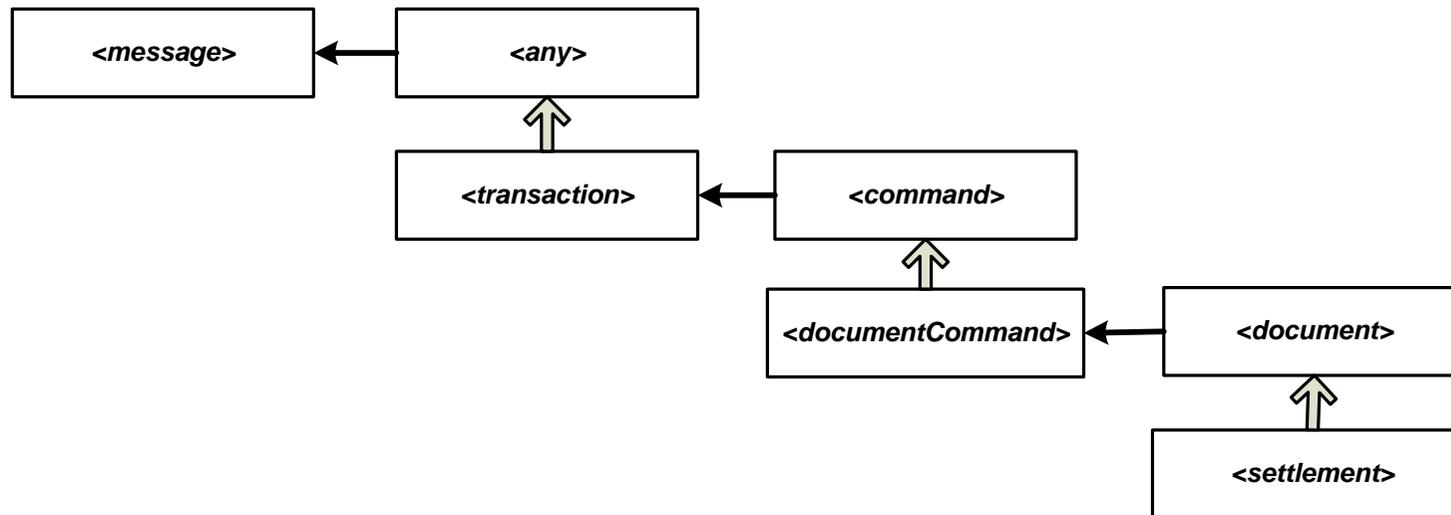
In this section, the GS1 XML path root is:

StandardBusinessDocument→message

(XPath: StandardBusinessDocument / eanucc:message)

All XML paths will assume this starting point unless otherwise stated.

The Message Layer has three sub-layers. The lowest is the *documentCommand* element which wraps around the *settlement*. *Settlement* replaces an abstract *document* element within the *documentCommand* element. The *documentCommand* element itself replaces an abstract *command* element in the *transaction* element. Finally, the *transaction* element replaces an *any* element in the *message* element. (Refer to [Standard Business Document Header \(SBDH\) Technical Implementation Guide](#) for further details on their usage.) In summary, the links between the layers are:



4.1 Message

4.1.1 Message: <any>

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	<any>		
<i>Basic Type</i>	XML type 'any'		
<i>Comments</i>	This is the place holder for the ' <i>Message Layer</i> ' element.		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> any		
	<i>Cardinality:</i> 1..1 (NEHTA requirement)		
	Cardinality as defined in the GS1 XML standard is 1..*		
<i>Co-requisites</i>	entityIdentification (<i>EntityIdentificationType</i>)		
<i>Optional Elements</i>	None		

4.1.2 Message: Identifier

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	entityIdentification→uniqueCreatorIdentification		
<i>Basic Type</i>	Element		
<i>Comments</i>	Must be set to the settlement Number as per the <i>uniqueCreatorIdentification</i> element in the <i>settlementIdentification</i> element. This is to allow messaging hubs etc. easy access to the settlement number without having to decode the entire XML document. It is redundant information and is not required for processing by either the buyer or the seller. (Note: a prefix such as 'MSG' is one way to ensure it is distinct)		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		

	<i>Data Type:</i> string
	<i>Cardinality:</i> 1..1
<i>Co-requisites</i>	(Relative to entityIdentification→contentOwner) →gln (<i>Global Location Number</i>)
<i>Optional Elements</i>	(Relative to entityIdentification→contentOwner) →additionalPartyIdentification→additionalPartyIdentificationValue (<i>string</i>) →additionalPartyIdentification→additionalPartyIdentificationType (<i>list</i>)

4.1.3 Message: Owner

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	entityIdentification→contentOwner→gln		
<i>Basic Type</i>			
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> Global Location Number		
	<i>Cardinality:</i> 1..1		
<i>Co-requisites</i>	entityIdentification→uniqueCreatorIdentification (<i>Global Location Number</i>)		
<i>Optional Elements</i>	(Relative to entityIdentification→contentOwner) entityIdentification→contentOwner→additionalPartyIdentification→additionalPartyIdentificationValue (<i>string</i>) entityIdentification→contentOwner→additionalPartyIdentification→additionalPartyIdentificationType (<i>list</i>)		

4.2 Transaction

4.2.1 Transaction Layer

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	<eanucc:transaction>		
<i>Basic Type</i>	XML type “any”		
<i>Comments</i>	This is the place holder for the “Transaction Layer” element.		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> any		
	<i>Cardinality:</i> 1..1		
	Cardinality as defined in the GS1 XML standard is 1..*		
<i>Co-requisites</i>	entityIdentification (<i>EntityIdentificationType</i>)		
<i>Optional Elements</i>	None		

4.2.2 Transaction: Identifier

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	transaction→entityIdentification→uniqueCreatorIdentification		
<i>Basic Type</i>	Element		
<i>Comments</i>	This identifies the transaction, and should be distinct from all other identifiers used in the message. (Note: a prefix such as ‘TRA’ is one way to ensure it is distinct.)		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		

	<i>Data Type:</i> string
	<i>Cardinality:</i> 1..1
<i>Co-requisites</i>	(Relative to transaction→entityIdentification→contentOwner) →gln (<i>Global Location Number</i>)
<i>Optional Elements</i>	(Relative to transaction→entityIdentification→contentOwner) →additionalPartyIdentification→additionalPartyIdentificationValue (<i>string</i>) →additionalPartyIdentification→additionalPartyIdentificationType (<i>list</i>)

4.2.3 Transaction: Owner

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	transaction→entityIdentification→contentOwner→gln		
<i>Basic Type</i>			
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> Global Location Number		
	<i>Cardinality:</i> 1..1		
<i>Co-requisites</i>	transaction→entityIdentification→uniqueCreatorIdentification (<i>Global Location Number</i>)		
<i>Optional Elements</i>	(Relative to transaction→entityIdentification→contentOwner) →additionalPartyIdentification→additionalPartyIdentificationValue (<i>string</i>) →additionalPartyIdentification→additionalPartyIdentificationType (<i>list</i>)		

4.2.4 Transaction: Command

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	transaction→‘command’		
<i>Basic Type</i>	abstract element		
<i>Comments</i>	This abstract element is replaced by the <i>documentCommand</i> element. (It is one of three elements in the command substitution group, and the one that is required for settlements message.)		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> command		
	<i>Cardinality:</i> 1..1		
	Cardinality as defined in the GS1 XML standard is 1..*		
<i>Co-requisites</i>	transaction→entityIdentification (<i>EntityIdentificationType</i>)		
<i>Optional Elements</i>	None		

4.3 Document Command

4.3.1 Document Command element

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	transaction→command→ <i>eanucc: documentCommand</i>		
<i>Basic Type</i>	Complex element		
<i>Comments</i>	This element replaces the <i>command</i> element in the <i>transaction</i> element. <i>documentCommand</i> is one element in the command substitution group.		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		

	<i>Data Type:</i> complex element
	<i>Cardinality:</i> 1..1
<i>Co-requisites</i>	None
<i>Optional Elements</i>	None

4.3.2 Document Command: Type

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	transaction→command→documentCommand→documentCommandHeader→type		
<i>Basic Type</i>	Attribute		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> list		
	<i>Cardinality:</i> 1..1		
	Allowable values are: ADD CHANGE_BY_REFRESH CORRECT DELETE ADD must be used when a new settlement is sent. CHANGE_BY_REFRESH must be used when an Settlement is being changed in any way. (This will usually only be to correct technical errors. If an adjustment is made to an Settlement itself, then normally Credit or Debit Notes are issued.) CORRECT must NOT be used. DELETE must be used when the settlement is to be cancelled.		
<i>Co-requisites</i>	(Relative to transaction→command→documentCommand→documentCommandHeader) →uniqueCreatorIdentification (<i>string</i>) →contentOwner→gln (<i>Global Location Number</i>)		

<i>Optional Elements</i>	(Relative to transaction→command→documentCommand→documentCommandHeader→contentOwner) →additionalPartyIdentification→additionalPartyIdentificationValue (<i>string</i>) →additionalPartyIdentification→additionalPartyIdentificationType (<i>list</i>)
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4.3.3 Document Command: Identifier

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	transaction→command→documentCommand→documentCommandHeader→entityIdentification→uniqueCreatorIdentification		
<i>Basic Type</i>	Element		
<i>Comments</i>	This identifies the transaction, and should be distinct from all other identifiers used in the message. (Note: a prefix such as ‘CMD’ is one way to ensure it is distinct.)		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		
<i>Co-requisites</i>	(Relative to transaction→command→documentCommand→documentCommandHeader →entityIdentification→contentOwner) →gln (<i>Global Location Number</i>)		
<i>Optional Elements</i>	(Relative to transaction→entityIdentification→contentOwner) →additionalPartyIdentification→additionalPartyIdentificationValue (<i>string</i>) →additionalPartyIdentification→additionalPartyIdentificationType (<i>list</i>)		

4.3.4 Document Command: Owner

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	transaction→ command→documentCommand→documentCommandHeader→entityIdentification→contentOwner→gln		

<i>Basic Type</i>	
<i>Comments</i>	
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes
	<i>Data Type:</i> Global Location Number
	<i>Cardinality:</i> 1..1
<i>Co-requisites</i>	transaction→command→documentCommand→documentCommandHeader→entityIdentification→uniqueCreatorIdentification (<i>Global Location Number</i>)
<i>Optional Elements</i>	(Relative to transaction→entityIdentification→contentOwner) →additionalPartyIdentification→additionalPartyIdentificationValue (<i>string</i>) →additionalPartyIdentification→additionalPartyIdentificationType (<i>list</i>)

4.3.5 Document Command: Business Document

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	transaction→command→documentCommand→documentCommandOperand→document		
<i>Basic Type</i>	abstract element		
<i>Comments</i>	This element is replaced with the Business Document payload i.e. <i>settlement</i>		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> abstract document		
	<i>Cardinality:</i> 1..1		
	Cardinality as defined in the GS1 XML standard is 1..*		
<i>Co-requisites</i>	(Relative to transaction→command→documentCommand→documentCommandHeader) →type (<i>Attribute list</i>) →uniqueCreatorIdentification (<i>string</i>) →contentOwner→gln (<i>Global Location Number</i>)		

Optional Elements

(Relative to transaction→command→documentCommand→documentCommandHeader→contentOwner)

→additionalPartyIdentification→additionalPartyIdentificationValue (*string*)

→additionalPartyIdentification→additionalPartyIdentificationType (*list*)

5 Business Document Layer Message Elements

This layer covers the Settlement Advice message.

In this section, the GS1 XML path root is:

StandardBusinessDocument→message→transaction→command→documentCommand→documentCommandOperand→settlement

(XPath: StandardBusinessDocument / eanucc:message / eanucc:transaction / command / eanucc:documentCommand / documentCommandOperand / pay:settlement)

All XML paths will assume this starting point unless otherwise stated.

This section lists additional fields that are not explicitly mentioned in the AS5023 specification, but are related to those that are and do provide support for the AS5023 requirements, or are specified as mandatory by GS1.

Implementers should also ensure that messages comply with the current Australian Tax Office rules.

5.1 Message Function

<i>AS5023 Reference</i>	<i>Section:</i> Header	<i>Group:</i> Opening	<i>Element:</i> Message Function
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	documentStatus		
<i>Basic Type</i>	Attribute		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> list		
	<i>Cardinality:</i> 1..1		
	Allowable values are: COPY ORIGINAL REPLACE Unless there are specific instructions by the accountants, REPLACE must NOT be used.		

<i>Co-requisites</i>	creationDateTime (<i>dateTime</i>) settlementCurrency→currencyISOCODE (<i>string</i>) totalAmount(<i>float</i>) transactionHandlingType(<i>string</i>) paymentMethod→paymentMethodType(<i>string</i>) settlementIdentification→contentOwner→gln (<i>Global Location Number</i>) payer→gln (<i>Global Location Number</i>) settlementIdentification→uniqueCreatorIdentification (<i>string</i>) payeeFinancialAccountInformation→accountName (<i>string</i>) payee→gln (<i>global location Number</i>) payeeFinancialAccountInformation→accountName (<i>string</i>)
<i>Optional Elements</i>	All other elements

5.2 Settlement Date

<i>AS5023 Reference</i>	<i>Section:</i> Header	<i>Group:</i> Opening	<i>Element:</i> Remittance advice/ RCTI date
<i>Description/Comments</i>	Time is optional		
<i>GS1 XML Path</i>	creationDateTime		
<i>Basic Type</i>	Attribute		
<i>Comments</i>	Time is mandatory in the XML data type, but can be all zeros.		
<i>Schema Constraints</i>	Mandatory: Yes		
	Data Type: dateTime		
	Cardinality: 1..1		

5.3 Batch Identification

AS5023 Reference	Section:	Group:	Element:
Description/Comments			
GS1 XML Path	batchIdentification		
Basic Type	Element		
Comments	Unique identifier assigned for settlement instructions processed in a batch.		
Schema Constraints	Mandatory: No		
	Data Type: string		
	Cardinality: 0..1		
Co-requisites	creationDateTime (<i>dateTime</i>) settlementCurrency→currencyISOCODE (<i>string</i>) totalAmount (<i>string</i>) transactionHandlingType (<i>string</i>) paymentMethod→paymentMethodType (<i>string</i>) settlementIdentification→uniqueCreatorIdentification (<i>string</i>) settlementIdentification→contentOwner→gln (<i>Global Location Number</i>) payer→gln (<i>Global Location Number</i>) payeeFinancialAccountInformation→accountName (<i>string</i>) payee→gln (<i>global location Number</i>) payeeFinancialAccountInformation→accountName (<i>string</i>)		
Optional Elements	All other elements		

5.4 Settlement Currency

AS5023 Reference	Section:	Group:	Element:
Description/Comments			
GS1 XML Path	settlementCurrency→currencyISOCode		
Basic Type	Element		
Comments	Currency in which the amounts in the message are stated.		
Schema Constraints	Mandatory: Yes		
	Data Type: string - ISO 4217 code		
	Cardinality: 1..1		
	This MUST be the alphabetic code as defined in ISO 4217. (Refer to the following web page for details: http://www.iso.org/iso/support/faqs/faqs_widely_used_standards/widely_used_standards_other/currency_codes/currency_codes_list-1.htm)		
Co-requisites	creationDateTime (<i>dateTime</i>) documentStatus (<i>string</i>) totalAmount (<i>string</i>) transactionHandlingType (<i>string</i>) paymentMethod→paymentMethodType (<i>string</i>) settlementIdentification→uniqueCreatorIdentification (<i>string</i>) settlementIdentification→contentOwner→gln (<i>Global Location Number</i>) payer→gln (<i>Global Location Number</i>) payeeFinancialAccountInformation→accountName (<i>string</i>) payee→gln (<i>global location Number</i>) payeeFinancialAccountInformation→accountName (<i>string</i>)		
Optional Elements	All other elements		

5.5 Total Amount

<i>AS5023 Reference</i>	<i>Section:</i> Header	<i>Group:</i> Payment Information	<i>Element:</i> Amount to be paid
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	totalAmount		
<i>Basic Type</i>	Element		
<i>Comments</i>	Total Amount that will be settled; that is including taxes.		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		
<i>Co-requisites</i>	creationDateTime (<i>dateTime</i>) documentStatus (string) settlementCurrency→currencyISOCode (<i>string</i>) transactionHandlingType (<i>string</i>) paymentMethod→paymentMethodType (<i>string</i>) settlementIdentification→uniqueCreatorIdentification (<i>string</i>) settlementIdentification→contentOwner→gln (<i>Global Location Number</i>) payer→gln (<i>Global Location Number</i>) payeeFinancialAccountInformation→accountName (<i>string</i>) payee→gln (<i>global location Number</i>) payeeFinancialAccountInformation→accountName (<i>string</i>)		
<i>Optional Elements</i>	All other elements		

5.6 Message Type

<i>AS5023 Reference</i>	<i>Section:</i> Header	<i>Group:</i> Opening	<i>Element:</i> Message Type
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	transactionHandlingType		
<i>Basic Type</i>	Element		
<i>Comments</i>	Typically this will be one of the values 'PAYMENT_AND_REMITTANCE', 'PAYMENT_ONLY', or 'REMITTANCE_ONLY'.		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> List		
	<i>Cardinality:</i> 1		
	Allowable values are: PAYMENT_AND_REMITTANCE PAYMENT_ONLY REMITTANCE_ONLY		
<i>Co-requisites</i>	creationDateTime (<i>dateTime</i>) documentStatus (<i>string</i>) settlementCurrency→currencyISOCode (<i>string</i>) totalAmount(<i>float</i>) paymentMethod→paymentMethodType (<i>string</i>) settlementIdentification→uniqueCreatorIdentification (<i>string</i>) settlementIdentification→contentOwner→gln (<i>Global Location Number</i>) payer→gln (<i>Global Location Number</i>) payeeFinancialAccountInformation→accountName (<i>string</i>) payee→gln (<i>global location Number</i>) payeeFinancialAccountInformation→accountName (<i>string</i>)		
<i>Optional Elements</i>	All other elements		

5.7 Payment Method

<i>AS5023 Reference</i>	<i>Section:</i> Header	<i>Group:</i> Payment information	<i>Element:</i> Payment mechanism	
<i>Description/Comments</i>				
<i>GS1 XML Path</i>	paymentMethod→paymentMethodType			
<i>Basic Type</i>	Element			
<i>Comments</i>	Refer to list values below			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes			
	<i>Data Type:</i> List(Refer to the Allowable values below)			
	<i>Cardinality:</i> 1			
	Allowable values are:			
	BANK_GIRO	BANKERS_DRAFT	BANK_CHEQUE	BOOKENTRY_CREDIT
	BOOKENTRY_DEBIT	BOPICASHICERTIFIED_CHEQUE	CHEQUE	CREDIT_CARD
DEBIT_CARD	ELECTRONIC_CREDIT_ACH	ELECTRONIC_DEBIT_ACH	FED_WIRE_NON_REPETITIVE	
FED_WIRE_REPETITIVE	INTERNATIONAL_WIRE	LETTER_OF_CREDIT	POSTGIRO	
WIRE_TRANSFER_CREDIT	WIRE_TRANSFER_DEBIT			
<i>Co-requisites</i>	creationDateTime (<i>dateTime</i>) documentStatus (<i>list</i>) settlementCurrency→currencyISOCODE (<i>string</i>) totalAmount (<i>float</i>) transactionHandlingType (<i>string</i>) settlementIdentification→uniqueCreatorIdentification→gln (<i>string</i>) settlement→payer→gln (<i>Global Location Number</i>) settlement→payee→gln (<i>Global location Number</i>) payeeFinancialAccountInformation→accountName (<i>string</i>)			
<i>Optional Elements</i>	All other elements			

5.8 Settlement Number

<i>AS5023 Reference</i>	<i>Section:</i> Header	<i>Group:</i> Opening	<i>Element:</i> settlement Number
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	settlementIdentification→uniqueCreatorIdentification		
<i>Basic Type</i>	Element		
<i>Comments</i>	The unique identification of the document.		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		
<i>Co-requisites</i>	creationDateTime (<i>dateTime</i>) documentStatus (<i>list</i>) settlementCurrency→currencyISOCODE (<i>string</i>) totalAmount (<i>float</i>) transactionHandlingType (<i>string</i>) settlementIdentification→contentOwner→gln (<i>Global Location Number</i>) settlement→payer→gln (<i>Global Location Number</i>) settlement→payee→gln (<i>Global location Number</i>) payeeFinancialAccountInformation→accountName (<i>string</i>)		
<i>Optional Elements</i>	settlementIdentification→contentOwner→additionalPartyIdentification→additionalPartyIdentificationValue settlementIdentification→contentOwner→additionalPartyIdentification→additionalPartyIdentificationType		

5.9 Owner of the message

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			

<i>GS1 XML Path</i>	settlementIdentification→contentOwner→gln
<i>Basic Type</i>	Element
<i>Comments</i>	
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes
	<i>Data Type:</i> string
	<i>Cardinality:</i> 1..1
<i>Co-requisites</i>	<p>creationDateTime (<i>dateTime</i>)</p> <p>documentStatus (<i>list</i>)</p> <p>settlementCurrency→currencyISOCODE (<i>string</i>)</p> <p>totalAmount (<i>float</i>)</p> <p>transactionHandlingType (<i>string</i>)</p> <p>settlementIdentification→ uniqueCreatorIdentification (<i>string</i>)</p> <p>settlement→payer→gln (<i>Global Location Number</i>)</p> <p>settlement→payee→gln (<i>Global location Number</i>)</p> <p>payeeFinancialAccountInformation→accountName (<i>string</i>)</p>
<i>Optional Elements</i>	<p>settlementIdentification→contentOwner→additionalPartyIdentification→additionalPartyIdentificationValue (<i>string</i>)</p> <p>settlementIdentification→contentOwner→additionalPartyIdentification→additionalPartyIdentificationType (<i>List</i>)</p>

5.10 Payer Information

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	settlement→payer→gln		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		

	<i>Data Type:</i> string
	<i>Cardinality:</i> 1..1
<i>Co-requisites</i>	creationDateTime (<i>dateTime</i>) documentStatus (<i>list</i>) settlementCurrency→currencyISOCODE (<i>string</i>) totalAmount (<i>float</i>) transactionHandlingType (<i>string</i>) paymentMethod→paymentMethodType (<i>string</i>) settlementIdentification→uniqueCreatorIdentification→gln (<i>string</i>) settlementIdentification→contentOwner→gln (<i>Global Location Number</i>) settlement→payee→gln (<i>Global location Number</i>) payeeFinancialAccountInformation→accountName (<i>string</i>)
<i>Optional Elements</i>	All other elements

5.11 Payee Information

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	settlement→payee→gln		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes (Choice Group)		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		

<i>Co-requisites</i>	creationDateTime (<i>dateTime</i>) documentStatus (<i>list</i>) settlementCurrency→currencyISOCODE (<i>string</i>) totalAmount (<i>float</i>) transactionHandlingType (<i>string</i>) paymentMethod→paymentMethodType (<i>string</i>) settlementIdentification→uniqueCreatorIdentification→gln (<i>string</i>) settlementIdentification→contentOwner→gln (<i>Global Location Number</i>) settlement→payer→gln (<i>Global location Number</i>) payeeFinancialAccountInformation→accountName (<i>string</i>)
<i>Optional Elements</i>	All other elements

6 Payee Financial Account Information

6.1 Account Name

<i>AS5023 Reference</i>	<i>Section:</i> Header	<i>Group:</i> Payment Inforamtion	<i>Element:</i> Financial Institute details for the payee
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	settlement→payeeFinancialAccountInformation→accountName		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		
	Name of the account holder.		
<i>Co-requisites</i>	creationDateTime (<i>dateTime</i>) documentStatus (<i>list</i>) settlementCurrency→currencyISOCODE (<i>string</i>) totalAmount (<i>float</i>) transactionHandlingType (<i>string</i>) paymentMethod→paymentMethodType (<i>string</i>) settlementIdentification→uniqueCreatorIdentification→gln (<i>string</i>) settlementIdentification→contentOwner→gln (<i>Global Location Number</i>) settlement→payer→gln (<i>Global Location Number</i>) settlement→payee→gln (<i>Global location Number</i>)		
<i>Optional Elements</i>	All other elements		

6.2 Account Number

<i>AS5023 Reference</i>	<i>Section:</i> Header	<i>Group:</i> Payment Inforamtion	<i>Element:</i> Financial Institute details for the payee
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	settlement→payeeFinancialAccountInformation→accountNumber→number		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes (conditionally required when account Number is used)		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		
	Name of the account holder.		
<i>Co-requisites</i>	None		
<i>Optional Elements</i>	All other elements		

6.3 Type of the Account

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	settlement→payeeFinancialAccountInformation→accountNumberType		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes (conditionally required when account Number is used)		
	<i>Data Type:</i> List (Refer to table below)		

	<i>Cardinality:</i> 1..1		
	List Values:	01_TIME_DEPOSIT	
		03_CHECKING_ACCOUNT	
		10_BUSINESS_ACCOUNT	
<i>Co-requisites</i>	accountNumberType→number (<i>string</i>) AccountName (<i>string</i>)		
<i>Optional Elements</i>	All other elements		

6.4 Financial Institution Details

6.4.1 City where the Account is held

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	financialInstitutionNameandAddress→city		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes (conditionally required if ' <i>financialInstitutionNameAndAddress</i> ' is used)		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		
	Conditionally required if		

<i>Co-requisites</i>	Name(<i>string</i>) countryCode→countryISOCODE(<i>string</i>) languageOfTheParty→languageISOCODE(<i>string</i>)
<i>Optional Elements</i>	cityCode (<i>string</i>) crossStreet (<i>string</i>) currency→currencyISOCODE (<i>string</i>) poBoxNumber (<i>string</i>) postalCode (<i>string</i>) provinceCode (<i>string</i>) state (<i>string</i>)

6.4.2 Name of the Financial Institution

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	settlement→payeeFinancialAccountInformation		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes (conditionally required if ' <i>financialInstitutionNameAndAddress</i> ' is used)		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		
	Name of the account holder.		
<i>Co-requisites</i>	city (<i>string</i>) countryCode→countryISOCODE(<i>string</i>) languageOfTheParty→languageISOCODE(<i>string</i>)		

<i>Optional Elements</i>	cityCode (<i>string</i>) crossStreet (<i>string</i>) currency→currencyISOCODE (<i>string</i>) poBoxNumber (<i>string</i>) postalCode (<i>string</i>) provinceCode (<i>string</i>) state (<i>string</i>)
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6.4.3 Country

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	financialInstitutionNameAndAddress→countrycode→countryISOCODE		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes (conditionally required if 'financialInstitutionNameAndAddress' is used)		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		
<i>Co-requisites</i>	Name of the account holder. City (<i>string</i>) Name(<i>string</i>) languageOfTheParty→languageISOCODE (<i>string</i>)		

<i>Optional Elements</i>	cityCode (<i>string</i>) crossStreet (<i>string</i>) currency→currencyISOCODE (<i>string</i>) poBoxNumber (<i>string</i>) postalCode (<i>string</i>) provinceCode (<i>string</i>) state (<i>string</i>)
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6.4.4 Language of the Party

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	financialInstitutionNameAndAddress→languageOfTheParty→languageISOCODE		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	Mandatory: Yes (conditionally required if 'financialInstitutionNameAndAddress' is used)		
	Data Type: string		
	Cardinality: 1..1		
	Name of the account holder.		
<i>Co-requisites</i>	City (<i>string</i>) Name(<i>string</i>) countryCode→countryISOCODE (<i>string</i>)		

Optional Elements

cityCode (*string*)
crossStreet (*string*)
currency→currencyISOCODE (*string*)
poBoxNumber (*string*)
postalCode (*string*)
provinceCode (*string*)
state (*string*)

6.5 Settlement Line Item Details

xpath as follows:

sh:StandardBusinessDocument/eanucc:message/eanucc:transaction/command/eanucc:documentCommand/pay:settlement/settlementLineItem @number ()

All XML paths will assume this starting point unless otherwise stated.

A choice group of 'Invoice' or 'RequestForPayment' or 'DebitCreditAdvice' exists at line level. The usage of one of the three options has to be clearly defined in the trading partner agreement and must be specified in the Buyer's Message Implementation Guide (MIG) for the settlement Advice message.

6.6 Line Number

<i>AS5023 Reference</i>	<i>Section: Detail</i>	<i>Group: Remittance & Payment Information</i>	<i>Element: Line number</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	invoiceLineItem→number		
<i>Basic Type</i>	Attribute		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory: Yes</i>		
	<i>Data Type: Non-negative Integer</i>		
	<i>Cardinality: 1..1</i>		
<i>Co-requisites</i>	(Relative to settlementLineItem) →amountPaid (<i>Float</i>) →originalAmount (<i>Float</i>)		

<i>Optional Elements</i>	(Relative to settlementLineItem) adjustmentAnd Discount→amount (<i>float</i>) adjustmentAnd Discount→adjustmentReason→messageReason (<i>List</i>) adjustmentAnd Discount→adjustmentReason→messageReason→sourceCode (<i>List</i>) settlementEntity→entityType(<i>Attribute, List</i>) settlementEntity→partyIdentification→partyIdentification→gln (<i>Global Location Number</i>) Choice group: Invoice 'or' requestForPayment 'or' debitCreditAdvice
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6.7 Actual Amount Paid

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Payment Information	<i>Element:</i> Amount to be paid
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	settlementLineItem→amountPaid		
<i>Basic Type</i>	Element		
<i>Comments</i>	The Actual amount being paid or settled.		
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> float		
	<i>Cardinality:</i> 1..1		
<i>Co-requisites</i>	(Relative to settlementLineItem) →Number (<i>Non Negative Integer</i>) →OriginalAmount (<i>float</i>)		

<i>Optional Elements</i>	(Relative to settlementLineItem) adjustmentAnd Discount→amount (<i>float</i>) adjustmentAnd Discount→adjustmentReason→messageReason (<i>List</i>) adjustmentAnd Discount→adjustmentReason→messageReason→sourceCode (<i>List</i>) settlementEntity→entityType(<i>Attribute, List</i>) settlementEntity→partyIdentification→partyIdentification→gln (<i>Global Location Number</i>) Choice group: Invoice 'or' requestForPayment 'or' debitCreditAdvice
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6.8 Original Amount

<i>AS5023 Reference</i>	<i>Section: Detail</i>	<i>Group: Billing</i>	<i>Element: Amount paid excl GST+GST Amount</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	settlementLineItem→originalAmount		
<i>Basic Type</i>	Element		
<i>Comments</i>	The original amount as stated in the referenced payment request.		
<i>Schema Constraints</i>	<i>Mandatory: Yes</i>		
	<i>Data Type: float</i>		
	<i>Cardinality: 1..1</i>		
<i>Co-requisites</i>	(Relative to settlementLineItem) →number (<i>Float</i>) →amountPaid (<i>Float</i>)		

<i>Optional Elements</i>	(Relative to settlementLineItem) adjustmentAnd Discount→amount (<i>float</i>) adjustmentAnd Discount→adjustmentReason→messageReason (<i>List</i>) adjustmentAnd Discount→adjustmentReason→messageReason→sourceCode (<i>List</i>) settlementEntity→entityType (<i>Attribute, List</i>) settlementEntity→partyIdentification→partyIdentification→gln (<i>Global Location Number</i>) Choice group: Invoice 'or' requestForPayment 'or' debitCreditAdvice
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6.9 Settlement Entity

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	settlementLineItem→settlementEntity→entityType		
<i>Basic Type</i>	Attribute		
<i>Comments</i>	Settlement type		
<i>Schema Constraints</i>	<i>Mandatory:</i> No		
	<i>Data Type:</i> List		
	<i>Cardinality:</i> 0..1		

	Allowable values are:		
	BILL_TO	BROKER_AGENT	BUYER
	CARRIER	CORPORATE_IDENTITY	CONSUMER
	DELIVERY_PARTY	DISTRIBUTOR	FACTOR
	FREIGHT_FORWARDER	INFORMATION_PROVIDER	INVOICEE
	ISSUER_OF_INVOICE	LOGISTICS_SERVICE_PROVIDER	MANUFACTURING_PLANT
	MARK_FOR	MESSAGE_FROM	MESSAGE_RECIPIENT
	OPERATING_DIVISION	OPERATOR	PARTY_TO_RECEIVE_COMMERCIAL_INVOICE
	PAYEE	PAYER	PUBLIC_WAREHOUSE
	REMIT_TO	SELLER	SHIP_FROM
SHIP_TO	STORE	SUPPLIER	
WAREHOUSE_AND_OR_DEPOT			
<i>Co-requisites</i>	(Relative to settlementLineItem) partyIdentification→gln (<i>Global Location number</i>)		
<i>Optional Elements</i>	(Relative to settlementLineItem) settlementEntity→partyIdentification→additionalpartyIdentification→ additionalpartyIdentificationValue (<i>string</i>) settlementEntity→partyIdentification→additionalpartyIdentification→ additionalpartyIdentificationType (<i>List</i>)		

6.9.1 Global Location Number

<i>AS5023 Reference</i>	<i>Section: Detail</i>	<i>Group: Party Identification</i>	<i>Element: Payer</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	settlementEntity→partyIdentification→gln		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory: Yes (Conditionally required if settlementEntity is used)</i>		
	<i>Data Type: string</i>		

	Cardinality: 1..1
Co-requisites	None
Optional Elements	(Relative to settlementLineItem) entityType (List) settlementEntity→partyIdentification→additionalpartyIdentification→ additionalpartyIdentificationValue (string) settlementEntity→partyIdentification→additionalpartyIdentification→ additionalpartyIdentificationType (List)

6.10 Adjustment and Discounts

6.10.1 Amount

AS5023 Reference	Section: Detail	Group:	Element:
Description/Comments			
GS1 XML Path	settlementLineItem→adjustmentAndDiscount→amount		
Basic Type	Element		
Comments			
Schema Constraints	Mandatory: Yes (Conditionally required if Adjustment and Discount is used)		
	Data Type: string		
	Cardinality: 1..1		
Co-requisites	(Relative to settlementLineItem) adjustmentAndDiscount→adjustmentReason→messageReason(List) adjustmentAndDiscount→adjustmentReason→sourceCode(List)		
Optional Elements	None		

6.10.2 Adjustment Reason

AS5023 Reference	<i>Section:</i> Detail		<i>Group:</i> Remittance Information		<i>Element:</i> Adjustment reason	
Description /Comments						
GS1 XML Path	settlementLineItem→adjustmentAndDiscount→adjustmenReason→messageReason					
Basic Type	Element					
Comments						
Schema Constraints	<i>Mandatory:</i> Yes					
	<i>Data Type:</i> List					
	<i>Cardinality:</i> 1..1					
	01_PRICING_ERROR	02_ALLOWANCE_CHARGE_ERROR	03_EXTENSION_ERROR			
	04_ITEM_NOT_ACCEPTED_DAMAGED	05_ITEM_NOT_ACCEPTED_QUALITY	07_INCORRECT_PRODUCT			
	08_SUBSTITUTE_PRODUCT	09_TERMS_OF_SALE_ERROR	10_PALLET_CONTAINER_CHARGE_ERROR			
	11_RETURNS_DAMAGE	12_RETURNS_QUALITY	13_RETURNS_DATING			
	14_RETURNS_PROMOTION	15_RETURNS_RECALL	18_NOT_COMPANY_BILL			
	19_DUPLICATE_BILLING	20_BALANCE_DUE_DECLINED	21_SHIPMENT_METHOD_OF_PAYMENT_INCORRECT			
	22_WEIGHT_ERROR	24_DISCOUNT	25_ITEMS_NOT_ACCEPTED			
	26_INVOICE_CANCELED	27_PRODUCT_TRANSFERS_SUBJECT_TO_CHARGEBACK	29_FEE_INCORRECT			
	30_DELIVERY_CHARGE_INCORRECT	31_PICKUP_CHARGE_INCORRECT	32_OVERSIZE_PREMIUM_INVALID			
	33_CURRENCY_EXCHANGE_INCORRECT	34_DECLARED_VALUE_INCORRECT	35_COMMODITY_CODE_INCORRECT			
	36_SCALE_NUMBER_INCORRECT	37_DIMENSIONS_INCORRECT	38_SERVICE_INCORRECT			
	39_SHIPPER_OR_CONSIGNEE_REFERENCE_NUMBER_MISSING	40_ADDRESS_INCORRECT	44_REQUIRED_DOCUMENTS_MISSING			
	45_STALE_BILL_OVER_180_DAYS_OLD	46_TRANSPORTATION_CHARGE_INCORRECT	47_ADVANCE_CHARGE_INCORRECT			
	48_SERVICE_CHARGE	49_PROCESSING_CHARGE	50_LATE_CHARGE			
52_CREDIT_FOR_OVERPAYMENT	53_REMITTANCE_FOR_PREVIOUS_UNDERPAYMENT	54_FREIGHT_DEDUCTED				
59_ITEM_NOT_RECEIVED	60_NO_OPEN_ITEM_ON_FILE	61_NO_OPEN_ORDER_ON_FILE				
62_MATERIAL_OR_ITEM_DESCRIPTION_ERROR	64_SALE_OF_PROPERTY	70_ADVANCED_SHIP_NOTICE_NOT_RECEIVED				
71_ADVERTISING_ALLOWANCE	72_AUTHORIZED_RETURN	73_BILL_OF_LADING_NOT_RECEIVED				
74_CANCEL_OR_ADJUST_PRIOR_CREDIT_OR_DEBIT_ADJUSTMENT	75_TOTAL_ORDER_NOT_RECEIVED	76_CASH_DISCOUNT				
78_COMPETITIVE_PRICE	79_COOPERATIVE_ADVERTISING	81_CREDIT_AS_AGREED				

82_DEFECTIVE_ALLOWANCE	83_EVALUATED_RECEIPT_SETTLEMENT_DELIVERY_C HARGE	85_DISTRIBUTION_DISCOUNT_ALLOWANCE
86_DUPLICATE_PAYMENT	87_DUPLICATE_SHIPMENT	88_DUTY_CHARGE_VARIANCE
89_EARLY_BUY_ALLOWANCE	91_ENGRAVING_CHARGE	92_MERCHANDISE_NOT_ORDERED
93_FIELD_DESTROY	94_FIXTURES_CHARGE	95_FLOOR_STOCK_PROTECTION
96_GOODS_TO_FOLLOW	97_HANDLING_CHARGE	98_LABOR_CHARGES
99_LATE_SHIPMENT_OF_GOODS	A1_LAYOUT_OR_DESIGN_CHARGE	A3_NEW_STORE_ALLOWANCE
A4_NON_RECEIPT_OF_GOODS	A5_OVERAGE	A7_PAYMENT_ON_ACCOUNT
A8_PROMOTIONAL_ALLOWANCE	A9_PROOF_OF_DELIVERY_NOT_RECEIVED	AH_ORIGINATION_FEE
AQ_RETURNS_OVERSTOCK	AS_RETURNS_DISCONTINUED	AT_ACCOUNT_LOCATION_CLOSED
B1_PROOF_OF_SHIPMENT_NOT_RECE IVED	B2_REBATE	B4_REFURBISHING_CHARGE
B5_REPAIR_OF_GOODS	B6_REPAY_DISCOUNT	B7_RESTOCKING_CHARGE
B8_ROUTING_VIOLATION	B9_SAMPLES_NOT_RECEIVED	BA_CANADIAN_GOODS_AND_SERVICES_TAX
BB_QUEBEC_GOODS_AND_SERVICES _TAX	BC_CANADIAN_HARMONIZED_GOODS_AND_SERVICE S_TAX	BE_FIXTURE_ALLOWANCE
BF_RETURN_ALLOWANCE	BG_BAG_CHARGE	BH_OPPORTUNITY_BUY
BI_HANGER_CHARGE	BJ_INSURANCE_CHARGE	BK_POSTAGE_CHARGE
BL_NET_CHECK_RETURNED	BM_NET_COLLECTION_EXPENSE_FACTOR	BP_NET_CHARGEBACK_OF_CLIENT_RISK_FACTOR
BS_PAID_DURING_PERIOD	C1_SETTLEMENT_OF_ACCOUNT	C3_SPECIAL_FINISH
C4_STOCK_BALANCE	C6_TESTING_CHARGE	C8_TICKETING_ERROR
C9_TICKETING_SERVICE	CM_COVERED_BY_CREDIT_MEMO	CU_CHARGE_FOR_UNREQUESTED_SERVICE
D1_TRANSFER_BETWEEN_ACCOUNT S	D2_TRANSPORTATION_DIRECT_BILLING	D3_UNAUTHORIZED_DEDUCTION
D4_UNAUTHORIZED_PRODUCT	D5_VOLUME_DISCOUNT	D8_COUNT_AND_RECOUNT_ALLOWANCE
D9_STORE_STOCK_PRICE_PROTECTI ON	E1_RECOUPMENT	E2_COVERED_BY_DEBIT_MEMO
E4_WAREHOUSE_STOCK_PRICE_PRO TECTION	E5_INVOICE_PRICE_PROTECTION	E6_GOODS_AND_SERVICES_TAX_0_PERCENTAGE_RATE _INTERNATIONAL_DOCUMENTATION_WILL_FOLLOW
E7_GOODS_AND_SERVICES_TAX_DE CREASED_DUE_TO_BILLING_ERROR	E8_GOODS_AND_SERVICES_TAX_INCREASED_DUE_T O_BILLING_ERROR	E9_ORDER_CANCELLED
F1_DEFECTIVE	FA_ANTICIPATION_TAKEN	GA_FREE_GOODS
GB_COUPON_RELATED	GC_MARKET_DEVELOPMENT_FUND_DEDUCTION	GD_SAMPLES
GE_SLOTTING_CHARGE	GF_INVALID	GG_UNSALEABLE_MERCHANDISE
GH_BILLBACK_ALLOWANCE_DEDUC TION	GJ_UNSALEABLE_PAYMENTS_DEDUCTION	GK_SPLIT_COMMISSION_DEDUCTION_BASIS_AMOUNT
GL_UNRESOLVED_CUSTOMER_DEDU CTION	GM_SPLIT_COMMISSION_DEDUCTION_COMMISSION_ AMOUNT	GN_GENERAL_ADVANCE
GR_GUARANTEE	H1_INFORMATION_FORTHCOMING	H2_PAYMENT_PREVIOUSLY_SENT
H3_LOAN_PAID_IN_FULL	H6_PARTIAL_PAYMENT_REMITTED	H7_PAYMENT_FORTHCOMING
H8_BILL_MORTGAGEE	HD_EXPENSE_PAYMENT	IA_INVOICE_AMOUNT_DOES_NOT_MATCH_ACCOUNT_A NALYSIS_STATEMENT
J3_PROMISED_ADJUSTMENT_NOT_RE CEIVED	J8_UNABLE_TO_PROCESS	L1_AUDIT
L3_PENALTY	L4_ADMINISTRATIVE_FEES	L7_MISCELLANEOUS_DEDUCTIONS

L8_MISCELLANEOUS_CREDITS	L9_MILITARY_DISTRIBUTION_ADJUSTMENT	LF_LAWYER_OR_CLAIMANT_ATTORNEY_FEES
LO_LEDGER_OVERDRAFT_CHARGE	M2_COMMISSIONS_DEDUCTIONS	M3_GIFT_CERTIFICATES
M4_SALARY_DEDUCTION	MA_MARKETING_ALLOWANCES	MB_PICKUP_ALLOWANCE
MD_INCORRECT_PURCHASE_ORDER_NUMBER_ON_BILL_OF_LADING	ME_PURCHASE_ORDER_NUMBER_NOT_ON_BILL_OF_LADING	MF_MULTIPLE_PURCHASE_ORDER_NUMBERS_ON_INVOICE
MG_PURCHASE_ORDER_NUMBER_INCORRECT_ON_INVOICE	MH_PURCHASE_ORDER_NUMBER_NOT_ON_INVOICE	MI_TRANSFER_OR_DEBIT_BALANCE
MJ_TRUCKLOAD_ALLOWANCE	MK_WAREHOUSE_ALLOWANCE	MM_INCORRECT_PRODUCT_ID_ON_CARTONS
MN_INCORRECT_PURCHASE_ORDER_NUMBER_ON_CARTON	MO_NO_PRODUCT_ID_ON_CARTONS	MP_NO_PURCHASE_ORDER_NUMBER_ON_CARTON
MQ_STORAGE_CHARGES	OL_COURT_ORDERED_LIEN	PP_QUEBEC_PENSION_PLAN
PT_PAYMENT	RB_AGREED_FREIGHT_ALLOWANCE	RC_AUTHORIZED_AIR_SHIPMENT
RF_COMMISSION_DISCREPANCY	RG_DIFFERENC_ON_RETURNS	RH_EARLY_SHIPMENT_OF_GOODS
RI_EXCESSIVE_PACKAGING_MATERIALS	RJ_FAILURE_TO_CONSOLIDATE	RK_FREIGHT_ON_RETURNS_INBOUND_INCORRECT
RL_FREIGHT_ON_RETURNS_OUTBOUND_INCORRECT	RM_RETURNED_MATERIAL	RN_HANDLING_CHARGE_FOR_ITEM_NOT_RECEIVED
RO_HANDLING_RECEIPT_FOR_NON_RECEIPT_OF_GOODS	RP_HANDLING_CHARGE_FOR_LATE_ADVANCE_SHIP_NOTICE	RQ_HANDLING_CHARGE_FOR_SAMPLES_NOT_RECEIVED
RR_HANDLING_CHARGE_FOR_UNREADABLE_ADVANCE_SHIP_NOTICE	RS_INCORRECT_PACKING_ASSORTMENT	RT_IN_STORE_DECORATION_ALLOWANCE
RU_INTEREST	RV_LABEL_PLACEMENT	RW_MARGIN_CONTRIBUTION
RX_MARK_DOWN_ALLOWANCE	RY_MULTIPLE_SHIPMENT_PENALTY	RZ_OPENING_ORDER_ALLOWANCE
SA_PAPER_INVOICE_MISSING	SC_SERVICE_CANCELLED	SE_PAPER_PACKING_SLIP_MISSING
SG_PICKUP_CHARGE_OR_ADVANCED_CHARGES	SH_PRESENTATION_OF_MERCHANDISE_NOT_AS_SPECIFIED	SI_PURCHASER_SUPPLIED_RAW_MATERIAL
SJ_RETURNS_FREIGHT_DISCREPANCY	SK_SALARY_DISCREPANCY	SM_SHIPPED_PAST_PURCHASE_ORDER_CANCELLATION_DATE
SN_SHOULD_BE_SHIPPED_COLLECTED_BUT_WAS_SHIPPED_PREPAID	SO_SHOULD_BE_SHIPPED_PREPAID_BUT_WAS_SHIPPED_COLLECTED	SR_STORE_CONTEST_ALLOWANCE
SS_TRADE_DISCOUNT	ST_UNAUTHORIZED_AIR_SHIPMENT_CHARGEBACK_ISSUE_THE_DIFFERENCE_BETWEEN_AIR_AND_GROUND	SU_UNAUTHORIZED_AIR_SHIPMENT_PARTIAL_FREIGHT_CHARGEBACK
SW_UNAUTHORIZED_OR_INCORRECT_CARRIER	SX_VOLUME_BREAK_CHARGEBACK	SY_WEIGHT_BREAK_CHARGEBACK
UB_UNCOLLECTED_BALANCE_CHARGE_REVERSED	W6_SAFETY_VIOLATIONS	

Co-requisites (Relative to settlementLineItem)
 adjustmentAndDicount→amount(List)
 adjustmentAndDicount→adjustmentReason→sourceCode(List)

<i>Optional Elements</i>	None
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6.10.3 Source Code

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	settlementLineItem→adjustmentAndDiscount→sourceCode		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes (Conditionally required if Adjustment and Discount is used)		
	<i>Data Type:</i> List		
	<i>Cardinality:</i> 1..1		
	Fixed 'EANUCC' code		
<i>Co-requisites</i>	(Relative to settlementLineItem) adjustmentAndDicount→amount (<i>List</i>) adjustmentAndDicount→adjustmentReason→messageReason (<i>List</i>)		
<i>Optional Elements</i>	None		

6.11 Invoice details

6.11.1 Invoice Type

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Reference	<i>Element:</i> Invoice Type
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	settlementLineItem→invoice→invoiceType		
<i>Basic Type</i>	Element		
<i>Comments</i>			

<i>Schema Constraints</i>	<i>Mandatory:</i> Yes			
	<i>Data Type:</i> List			
	<i>Cardinality:</i> 1..1			
	<i>Allowable Values are:</i>	CORRECTED_INVOICE	CREDIT_NOTE	
		DEBIT_NOTE	INVOICE	
SELF_BILLED_INVOICE		AGREED_TERMS		
PRO_FORMA_INVOICE		TAX_INVOICE		
<i>Co-requisites</i>	(Relative to settlementLineItem) settlementLineItem→invoice→ContentOwner→contentOwner (<i>string</i>) settlementLineItem→invoice→ContentOwner→gln (<i>Global Location Number</i>)			
<i>Optional Elements</i>	(Relative to settlementLineItem) creationDateTime (<i>Attribute; DateTime</i>) settlementLineItem→invoice→ContentOwner→additionalPartyIdentification→additionalPartyIdentificationValue (<i>string</i>) settlementLineItem→invoice→ContentOwner→additionalPartyIdentification→additionalPartyIdentificationType (<i>List</i>)			

6.11.2 Invoice Number

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Reference	<i>Element:</i> Invoice Number
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	settlementLineItem→invoice→uniqueCreatorIdentification		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		

<i>Co-requisites</i>	settlementLineItem→invoice→ContentOwner→gln (<i>Global Location Number</i>)
<i>Optional Elements</i>	creationDateTime (<i>Attribute; DateTime</i>) settlementLineItem→invoice→ContentOwner→additionalPartyIdentification→additionalPartyIdentificationValue (<i>string</i>) settlementLineItem→invoice→ContentOwner→additionalPartyIdentification→additionalPartyIdentificationType (<i>List</i>)

6.11.3 Invoice Owner

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	settlementLineItem→invoice→contentOwner→gln		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		
<i>Co-requisites</i>	settlementLineItem→invoice→ContentOwner→uniqueCreatorIdentification (<i>string</i>)		
<i>Optional Elements</i>	settlementLineItem→invoice→ContentOwner→additionalPartyIdentification→additionalPartyIdentificationValue (<i>string</i>) settlementLineItem→invoice→ContentOwner→additionalPartyIdentification→additionalPartyIdentificationType (<i>List</i>)		

6.12 Request for Payment Details

6.12.1 Request for Payment Reference Number

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Reference	<i>Element:</i> Invoice Number
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	settlementLineItem→requestForPayment→uniqueCreatorIdentification		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		
<i>Co-requisites</i>	settlementLineItem→ requestForPayment →ContentOwner→gln (<i>Global Location Number</i>)		
<i>Optional Elements</i>	creationDateTime (<i>Attribute; DateTime</i>) settlementLineItem→ requestForPayment →ContentOwner→additionalPartyIdentification→additionalPartyIdentificationValue (<i>string</i>) settlementLineItem→ requestForPayment →ContentOwner→additionalPartyIdentification→additionalPartyIdentificationType (<i>List</i>)		

6.12.2 Payment authorising Party

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	settlementLineItem→invoice→contentOwner→gln		
<i>Basic Type</i>	Element		

<i>Comments</i>	
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes
	<i>Data Type:</i> string
	<i>Cardinality:</i> 1..1
<i>Co-requisites</i>	settlementLineItem → requestForPayment → ContentOwner → uniqueCreatorIdentification (<i>string</i>)
<i>Optional Elements</i>	settlementLineItem → requestForPayment → ContentOwner → additionalPartyIdentification → additionalPartyIdentificationValue (<i>string</i>) settlementLineItem → requestForPayment → ContentOwner → additionalPartyIdentification → additionalPartyIdentificationType (<i>List</i>)

6.13 Debit Credit Advice details

6.13.1 Debit Credit Advice Reference Number

<i>AS5023 Reference</i>	<i>Section:</i> Detail	<i>Group:</i> Reference	<i>Element:</i> Invoice Number
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	settlementLineItem → debitCreditAdvice → uniqueCreatorIdentification		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		
<i>Co-requisites</i>	settlementLineItem → debitCreditAdvice → ContentOwner → gln (<i>Global Location Number</i>)		

<i>Optional Elements</i>	creationDateTime (<i>Attribute; DateTime</i>) settlementLineItem → debitCreditAdvice → ContentOwner → additionalPartyIdentification → additionalPartyIdentificationValue (<i>string</i>) settlementLineItem → debitCreditAdvice → ContentOwner → additionalPartyIdentification → additionalPartyIdentificationType (<i>List</i>)
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6.13.2 Party authorising Debit Credit Note

<i>AS5023 Reference</i>	<i>Section:</i>	<i>Group:</i>	<i>Element:</i>
<i>Description/Comments</i>			
<i>GS1 XML Path</i>	settlementLineItem → debitCreditAdvice → contentOwner → gln		
<i>Basic Type</i>	Element		
<i>Comments</i>			
<i>Schema Constraints</i>	<i>Mandatory:</i> Yes		
	<i>Data Type:</i> string		
	<i>Cardinality:</i> 1..1		
<i>Co-requisites</i>	settlementLineItem → debitCreditAdvice → ContentOwner → uniqueCreatorIdentification (<i>string</i>)		
<i>Optional Elements</i>	settlementLineItem → debitCreditAdvice → ContentOwner → additionalPartyIdentification → additionalPartyIdentificationValue (<i>string</i>) settlementLineItem → debitCreditAdvice → ContentOwner → additionalPartyIdentification → additionalPartyIdentificationType (<i>List</i>)		

7 The Minimum Schema

The following elements are the minimum that are required to meet the mandatory requirements of AS5023 and GS1 XML. Node elements appear in *blue italics*. Attributes are preceded by their associated element.

StandardBusinessDocumentHeader

HeaderVersion

Sender

Identifier

Identifier:Authority (attribute)

Receiver

Identifier

Identifier:Authority (attribute)

DocumentIdentification

Standard

TypeVersion

InstanceIdentifier

Type

MultipleType

CreationDateAndTime

BusinessScope

Scope

ScopeAttributes

Type

InstanceIdentifier

message

entityIdentification

uniqueCreatorIdentification

contentOwner

gln

transaction

entityIdentification

uniqueCreatorIdentification

contentOwner
gln

command
documentCommandHeader
type
entityIdentification
uniqueCreatorIdentification
contentOwner
gln

documentCommandOperand
settlement
creationDateTime
documentStatus
settlementCurrency
currencyISOCode
totalAmount
transactionHandlingType

Payment Method
paymentMethodType

Payer
gln

Payee
gln

settlementIdentification
uniqueCreatorIdentification
contentOwner
gln
payeeFinancialAccountInformation
accountName
accountNumber
accountNumberType

settlementLineItem
number
amountPaid
originalAmount

Choice Group start

invoice
creationDateTime (Attribute)
invoicetype
uniqueCreatorIdentification

contentOwner
gln

(or)

requestForPayment
CreationDateTime (Attribute)
uniqueCreatorIdentification

contentOwner
gln

(or)

debitCreditAdvice
CreationDateTime (Attribute)
uniqueCreatorIdentification

contentOwner
gln

8 References

This document is based on the following documents

- [SA2003] Standards Australia 2003, Health Supply Chain Messaging Part 2: Datasets, Standards Australia.
- [SBDH2007] GS1 2007, Standard Business Document Header (SBDH) Technical Implementation Guide, Release: 1.3, GS1.
- [MSO2007] GS1 2007, Business Message Standard (BMS) Settlement, BMS Release: 2.3, GS1.
- [EPTA2007] NEHTA 2007, E-Procurement Technical Architecture; Version 1.1, NEHTA