nehta

NEHTA Standard Message Implementation Guidelines for Health eProcurement

Part 5: GS1 XML Settlement Advice Message

Version 1.6 – 6 December 2013

Approved for external use

Version Control

Version	Nature of Change/Comments
1.6	Principal changes in this release are ▪ Revise usage wording on Section 3.20 (Business Scope Type) ▪ Revise usage wording on Section 3.21 (Business Scope Identifier) ▪ Revise usage wording on Section(s) 6.12 & 6.13 (Request for Payment Details & Debit/Credit Advice Details) ▪ Added new Section (8) – Message Sample ▪ Changed Business Scope Identifier to 1.6

Table of contents

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.

    - o **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.

    - o **Group:**   The title in the first column of the AS5023 table.

    - o **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.
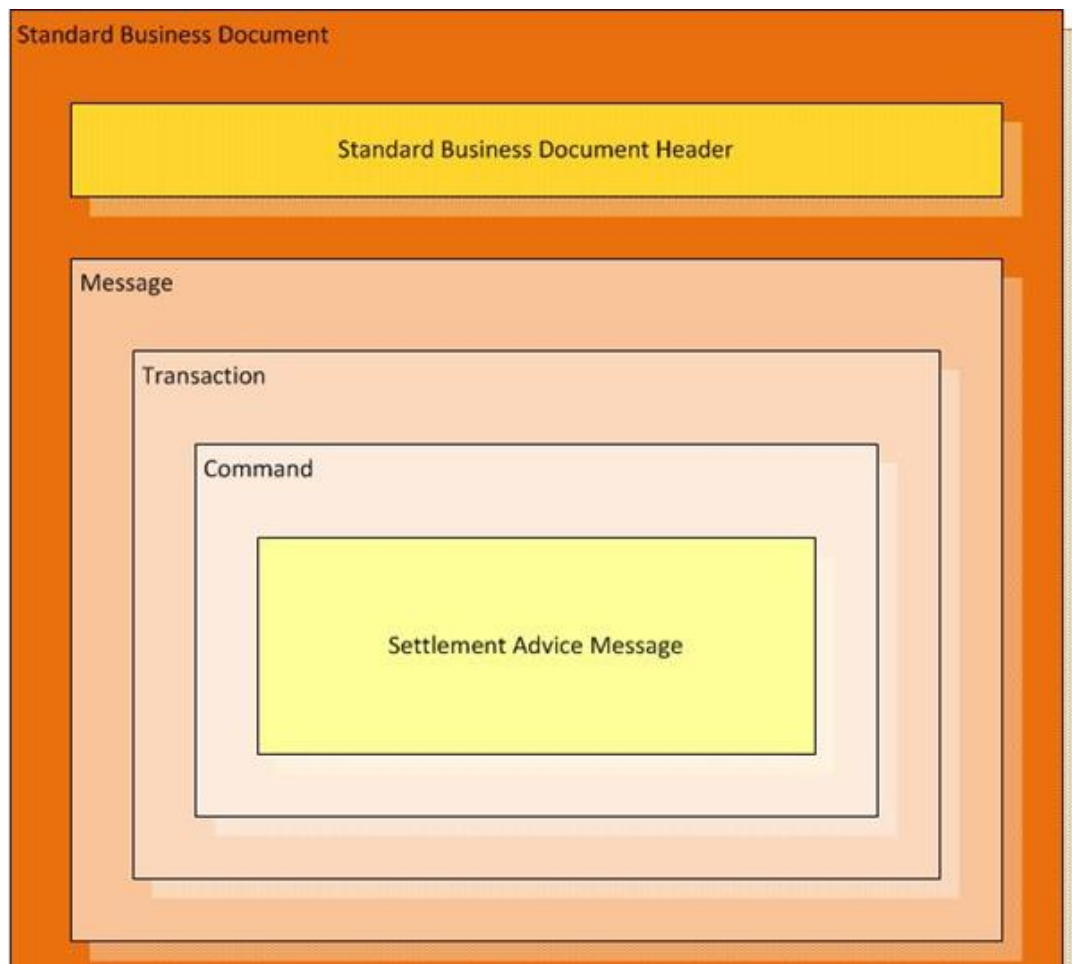
1.3 Global Trade Item Numbers - GTINs

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.
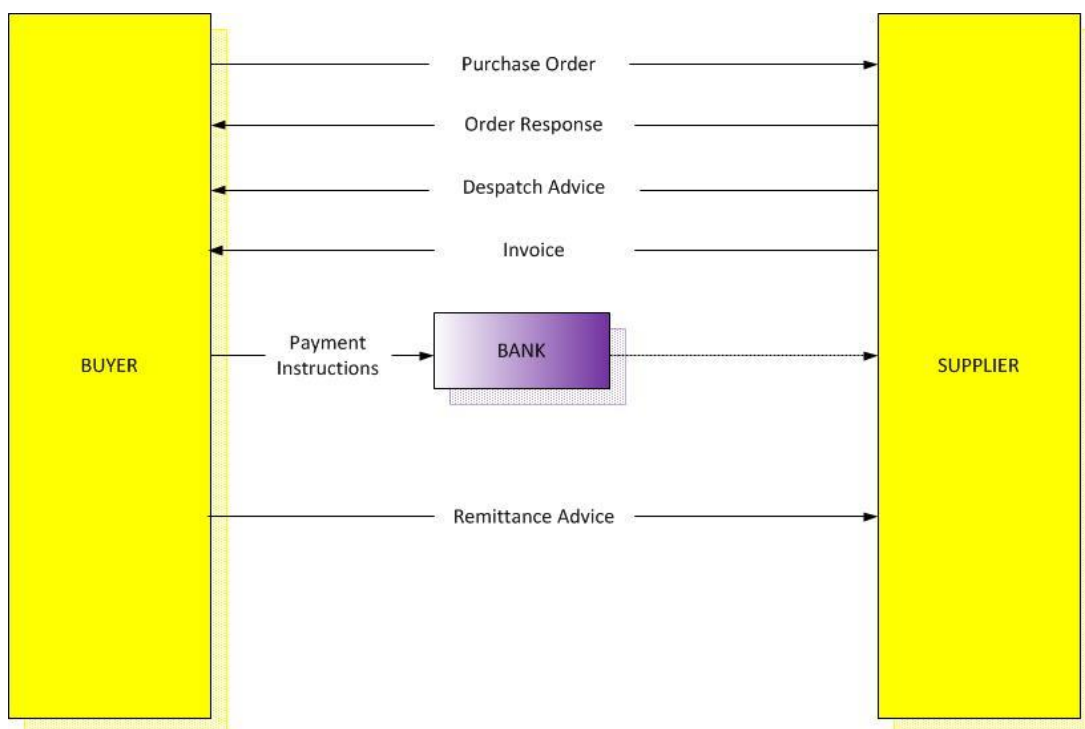
Order Fulfilment and Settlement Flow

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.
	Note: This is represented in NEHTA XML in a mandatory tag <transactionHandlingType> 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

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

3.2 Sender

AS5023 Reference	Section:	Group:		Element:
Description/Comments				
GS1 XML Path	StandardBusinessDocumentHeader→Sender→Identifier			
Basic Type	Element			
Comments	GS1 places additional constraints on the original UN/CEFACT schema definition.			
Schema Constraints	Mandatory: Yes			
	Data Type: Global Location Number			
	Cardinality: 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.			
Co-requisites	(Relative to StandardBusinessDocumentHeader→Sender) →Identifier→Authority (Attribute - string) →ContactInformation→Contact (string) →ContactInformation→EmailAddress (string) →ContactInformation→FaxNumber (string) →ContactInformation→TelephoneNumber (string)			
Optional Elements	(Relative to StandardBusinessDocumentHeader→Sender) →ContactInformation→ContactTypeIdentifier (string)			

3.3 Authority

AS5023 Reference	Section:	Group:		Element:
Description/Comments				

GS1 XML Path	StandardBusinessDocumentHeader→Sender→Identifier→Authority			
Basic Type	Attribute			
Comments	This attribute must be used according to GS1 standards.			
Schema Constraints	Mandatory: Yes			
	Data Type: string			
	Cardinality: 1..1			
	Must be set to 'EAN.UCC'			
Co-requisites	None			
Optional Elements	None			

3.4   Sender Name

AS5023 Reference	Section:	Group:		Element:
Description/Comments				
GS1 XML Path	StandardBusinessDocumentHeader→Sender→ContactInformation→Contact			
Basic Type	Element			
Comments	This attribute Shall be used according to GS1 standards, this element is mandatory if ContactInformation is used as per UN/CEFACT schema definition.			
Schema Constraints	Mandatory: No			
	Data Type: string			
	Cardinality: 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.			

Co-requisites	(Relative to StandardBusinessDocumentHeader→Sender→ContactInformation) →EmailAddress *(string)* →FaxNumber *(string)* →TelephoneNumber *(string)*
Optional Elements	→ContactTypeIdentifier *(string)*

3.5 Sender Email Address

AS5023 Reference	Section:		Group:		Element:
Description/Comments					
GS1 XML Path	StandardBusinessDocumentHeader→Sender→ContactInformation→ EmailAddress				
Basic Type	Element				
Comments	Optional in UN/CEFACT schema definition.				
Schema Constraints	Mandatory: No				
	Data Type: string				
	Cardinality: 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).				
Co-requisites	(Relative to StandardBusinessDocumentHeader→Sender→ContactInformation) →Contact *(string)* →FaxNumber *(string)* →TelephoneNumber *(string)*				
Optional Elements	→ContactTypeIdentifier *(string)*				

3.6   Sender Fax Number

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

3.7   Sender Phone Number

AS5023 Reference	Section:	Group:		Element:
Description/Comments				
GS1 XML Path	StandardBusinessDocumentHeader→Sender→ContactInformation→ TelephoneNumber			
Basic Type	Element			
Comments	Optional in UN/CEFACT schema definition.			

Schema Constraints	Mandatory: No
	Data Type: string
	Cardinality: 0..1
	Phone number of technical contact in the sending organisation that is able to address issues concerning message delivery.
Co-requisites	(Relative to StandardBusinessDocumentHeader→Sender→ContactInformation) →Contact (string) →EmailAddress (string) →FaxNumber (string)
Optional Elements	→ContactTypeIdentifier (string)

3.8   Receiver

AS5023 Reference	Section:	Group:		Element:
Description/Comments				
GS1 XML Path	StandardBusinessDocumentHeader→Receiver→Identifier			
Basic Type	Element			
Comments	GS1 places additional constraints on the original UN/CEFACT schema definition.			
Schema Constraints	Mandatory: Yes			
	Data Type: Global Location Number			
	Cardinality: 1..*			
	Only one Receiver element can be used even though the schema allows for multiple elements. The Receiver Identifier must be the GLN of the sending organisation.			

Co-requisites	(Relative to StandardBusinessDocumentHeader→Receiver) →Identifier→Authority *(Attribute - string)* →ContactInformation→Contact *(string)* →ContactInformation→EmailAddress *(string)* →ContactInformation→FaxNumber *(string)* →ContactInformation→TelephoneNumber *(string)*
Optional Elements	(Relative to StandardBusinessDocumentHeader→Receiver) →ContactInformation→ContactTypeIdentifier *(string)*

3.9   Authority

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

3.10   Receiver Name

AS5023 Reference	Section:	Group:		Element:
Description/Comments				
GS1 XML Path	StandardBusinessDocumentHeader→Receiver→ContactInformation→Contact			
Basic Type	Element			
Comments	This element is mandatory if ContactInformation is used as per UN/CEFACT schema definition.			
Schema Constraints	Mandatory: Yes			
	Data Type: string			
	Cardinality: 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.			
Co-requisites	(Relative to StandardBusinessDocumentHeader→Receiver→ContactInformation) →EmailAddress *(string)* →FaxNumber *(string)* →TelephoneNumber *(string)*			
Optional Elements	→ContactTypeIdentifier *(string)*			

3.11   Receiver Email Address

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

	Data Type: string
	Cardinality: 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).
Co-requisites	(Relative to StandardBusinessDocumentHeader→Receiver→ContactInformation) →Contact *(string)* →FaxNumber *(string)* →TelephoneNumber *(string)*
Optional Elements	→ContactTypeIdentifier *(string)*

3.12   Receiver Fax Number

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

3.13   Receiver Phone Number

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

3.14   Message Document Standard

AS5023 Reference	Section:	Group:		Element:
Description/Comments				
GS1 XML Path	StandardBusinessDocumentHeader→DocumentIdentification→Standard			
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 'EAN.UCC'
Co-requisites	(Relative to StandardBusinessDocumentHeader→DocumentIdentification) →TypeVersion *(string)* →InstanceIdentifier *(string)* →Type *(string)* →MultipleType *(boolean)* →CreationDateAndTime *(dateTime)*
Optional Elements	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 *(string)* →InstanceIdentifier *(string)* →Type *(string)* →MultipleType *(boolean)* →CreationDateAndTime *(dateTime)*
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.				
Schema Constraints	Mandatory: Yes				
	Data Type: string				
	Cardinality: 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.				

Co-requisites	(Relative to StandardBusinessDocumentHeader→DocumentIdentification) →Standard *(string)* →TypeVersion *(string)* →Type *(string)* →MultipleType *(boolean)* →CreationDateAndTime *(dateTime)*
Optional Elements	None

3.17   Message Document Type

AS5023 Reference	*Section*: Header	*Group:* Opening	*Element:* Message Type
Description/Comments			
GS1 XML Path	StandardBusinessDocumentHeader→DocumentIdentification→Type		
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 'settlement'. (The name of the root element in the payload document.)		
Co-requisites	(Relative to StandardBusinessDocumentHeader→DocumentIdentification) →Standard *(string)* →TypeVersion *(string)* →InstanceIdentifier *(string)* →MultipleType *(boolean)* →CreationDateAndTime *(dateTime)*		
Optional Elements	None		

3.18   Message Document Multiple Types Included

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

3.19   Message Document Creation Date

AS5023 Reference	Section: Header	Group: Opening	Element: Remittance advice date
Description/Comments	Date this remittance advice was created		
GS1 XML Path	StandardBusinessDocumentHeader→DocumentIdentification→CreationDateAndTime		
Basic Type	Element		

Comments	GS1 places additional constraints on the original UN/CEFACT schema definition.
Schema Constraints	Mandatory: Yes
	Data Type: dateTime
	Cardinality: 1..1
	Must be set to the date and time that the source settlement advice was approved/verified in the original system.
Co-requisites	(Relative to StandardBusinessDocumentHeader→DocumentIdentification) →Standard (string) →TypeVersion (string) →InstanceIdentifier (string) →Type (string) →MultipleType (boolean)
Optional Elements	None

3.20   Business Scope Type

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

3.21 Business Scope Identifier

AS5023 Reference	Section:	Group:		Element:
Description/Comments				
GS1 XML Path	StandardBusinessDocumentHeader→BusinessScope→Scope→InstanceIdentifier			
Basic Type	Element			
Comments	NEHTA standards mandate the use of this element although it is optional in the UN/CEFACT schema definition.			
Schema Constraints	Mandatory: Yes			
	Data Type: string			
	Cardinality: 1..1			
	Must be set to '1.6' which is the current version of this guideline.			
Co-requisites	StandardBusinessDocumentHeader→BusinessScope→Scope→Type			
Optional Elements	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:
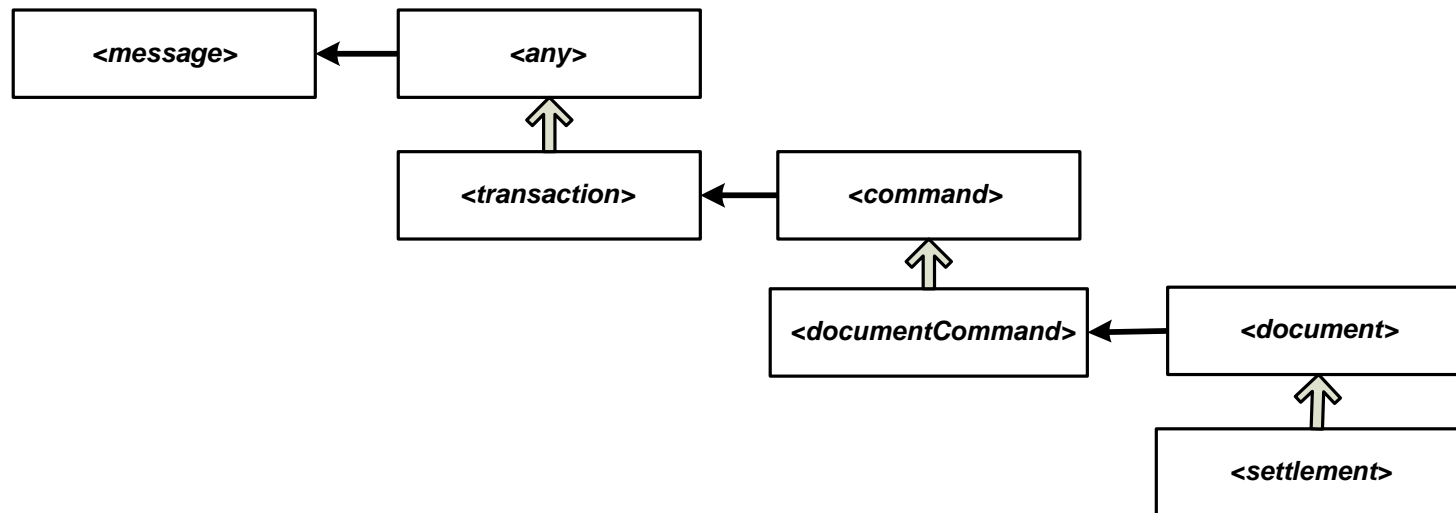
4.1   Message

4.1.1   Message: <any>

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

4.1.2   Message: Identifier

AS5023 Reference	Section:	Group:	Element:
Description/Comments			
GS1 XML Path	entityIdentification→uniqueCreatorIdentification		
Basic Type	Element		

Comments	Must be set to the settlement Number as per the *uniqueCreatorIdentification* element in the *settlementIdentification* 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)
Schema Constraints	*Mandatory:* Yes
	Data Type: string
	Cardinality: 1..1
Co-requisites	(Relative to entityIdentification→contentOwner) →gln *(Global Location Number)*
Optional Elements	(Relative to entityIdentification→contentOwner) →additionalPartyIdentification→additionalPartyIdentificationValue *(string)* →additionalPartyIdentification→additionalPartyIdentificationType *(list)*

4.1.3   Message: Owner

AS5023 Reference	*Section*:	*Group:*	*Element:*
Description/Comments			
GS1 XML Path	entityIdentification→contentOwner→gln		
Basic Type			
Comments			
Schema Constraints	*Mandatory:* Yes		
	Data Type: Global Location Number		
	Cardinality: 1..1		
Co-requisites	entityIdentification→uniqueCreatorIdentification *(Global Location Number)*		

Optional Elements	(Relative to entityIdentification→contentOwner)
	entityIdentification→contentOwner→additionalPartyIdentification→additionalPartyIdentificationValue *(string)*
	entityIdentification→contentOwner→additionalPartyIdentification→additionalPartyIdentificationType *(list)*

4.2   Transaction

4.2.1   Transaction Layer

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

4.2.2   Transaction: Identifier

AS5023 Reference	Section:		Group:		Element:
Description/Comments					
GS1 XML Path	transaction→entityIdentification→uniqueCreatorIdentification				
Basic Type	Element				

Comments	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.)
Schema Constraints	*Mandatory:* Yes
	Data Type: string
	Cardinality: 1..1
Co-requisites	(Relative to transaction→entityIdentification→contentOwner) →gln *(Global Location Number)*
Optional Elements	(Relative to transaction→entityIdentification→contentOwner) →additionalPartyIdentification→additionalPartyIdentificationValue *(string)* →additionalPartyIdentification→additionalPartyIdentificationType *(list)*

4.2.3   Transaction: Owner

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

4.2.4   Transaction: Command

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

4.3   Document Command

4.3.1   Document Command element

AS5023 Reference	Section:	Group:		Element:
Description/Comments				
GS1 XML Path	transaction→command→*eanucc: documentCommand*			
Basic Type	Complex element			
Comments	This element replaces the *command* element in the *transaction* element. *documentCommand* is one element in the command substitution group.			

Schema Constraints	Mandatory: Yes
	Data Type: complex element
	Cardinality: 1..1
Co-requisites	None
Optional Elements	None

4.3.2   Document Command: Type

AS5023 Reference	Section:	Group:	Element:
Description/Comments			
GS1 XML Path	transaction→command→documentCommand→documentCommandHeader→type		
Basic Type	Attribute		
Comments			
Schema Constraints	Mandatory: Yes		
	Data Type: list		
	Cardinality: 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.		

Co-requisites	(Relative to transaction→command→documentCommand→documentCommandHeader) →uniqueCreatorIdentification *(string)* →contentOwner→gln *(Global Location Number)*
Optional Elements	(Relative to transaction→command→documentCommand→documentCommandHeader→contentOwner) →additionalPartyIdentification→additionalPartyIdentificationValue *(string)* →additionalPartyIdentification→additionalPartyIdentificationType *(list)*

4.3.3   Document Command: Identifier

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

4.3.4 Document Command: Owner

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

4.3.5 Document Command: Business Document

AS5023 Reference	Section:	Group:		Element:
Description/Comments				
GS1 XML Path	transaction→command→documentCommand→documentCommandOperand→document			
Basic Type	abstract element			
Comments	This element is replaced with the Business Document payload i.e. *settlement*			
Schema Constraints	Mandatory: Yes			
	Data Type: abstract document			

	Cardinality: 1..1
	Cardinality as defined in the GS1 XML standard is 1..*
Co-requisites	(Relative to transaction→command→documentCommand→documentCommandHeader) →type *(Attribute list)* →uniqueCreatorIdentification *(string)* →contentOwner→gln *(Global Location Number)*
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

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

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

5.2   Settlement Date

AS5023 Reference	Section: Header	Group: Opening		Element: Remittance advice/ RCTI date
Description/Comments				
GS1 XML Path	creationDateTime			
Basic Type	Attribute			
Comments	Time is not optional in the XML data type; however, it can be all zeros, e.g. "2010-01-15T00:00:00.000			
Schema Constraints	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 *(dateTime)* settlementCurrency→currencyISOCode *(string)* totalAmount *(string)* transactionHandlingType *(string)* paymentMethod→paymentMethodType *(string)* settlementIdentification→uniqueCreatorIdentification *(string)* settlementIdentification→contentOwner→gln *(Global Location Number)* payer→gln *(Global Location Number)* payeeFinancialAccountInformation→accountName *(string)* payee→gln *(global location Number)* payeeFinancialAccountInformation→accountName *(string)*				
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 (dateTime) documentStatus (string) totalAmount (string) transactionHandlingType (string) paymentMethod→paymentMethodType (string) settlementIdentification→uniqueCreatorIdentification (string) settlementIdentification→contentOwner→gln (Global Location Number) payer→gln (Global Location Number) payeeFinancialAccountInformation→accountName (string) payee→gln (global location Number) payeeFinancialAccountInformation→accountName (string)				
Optional Elements	All other elements				

5.5   Total Amount

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

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Payee Financial Account Information

5.6   Message Type

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

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5.7   Payment Method

AS5023 Reference	Section: Header	Group: Payment information	Element: Payment mechanism
Description/Comments			
GS1 XML Path	paymentMethod→paymentMethodType		
Basic Type	Element		
Comments	Refer to list values below		
Schema Constraints	Mandatory: Yes		
	Data Type: List(Refer to the Allowable values below)		
	Cardinality: 1		

llowable values are:			
BANK_GIRO	BANKERS_DRAFT	BANK_CHEQUE	BOOKENTRY_CREDIT
BOOKENTRY_DEBIT	BOP CASH CERTIFIED_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		

Co-requisites	creationDateTime *(dateTime)* documentStatus *(list)* settlementCurrency→currencyISOCode *(string)* totalAmount *(float)* transactionHandlingType *(string)* settlementIdentification→uniqueCreatorIdentification→gln *(string)* settlement→payer→gln *(Global Location Number)* settlement→payee→gln *(Global location Number)* payeeFinancialAccountInformation→accountName *(string)*
Optional Elements	All other elements

5.8   Settlement Number

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

5.9   Owner of the message

AS5023 Reference	Section:	Group:		Element:
Description/Comments				
GS1 XML Path	settlementIdentification➔contentOwner➔gln			
Basic Type	Element			
Comments				
Schema Constraints	Mandatory: Yes			
	Data Type: string			
	Cardinality: 1..1			
Co-requisites	creationDateTime *(dateTime)* documentStatus *(list)* settlementCurrency➔currencyISOCode *(string)* totalAmount *(float)* transactionHandlingType *(string)* settlementIdentification➔ uniqueCreatorIdentification *(string)* settlement➔payer➔gln *(Global Location Number)* settlement➔payee➔gln *(Global location Number)* payeeFinancialAccountInformation➔accountName *(string)*			
Optional Elements	settlementIdentification➔contentOwner➔additionalPartyIdentification➔additionalPartyIdentificationValue *(string)* settlementIdentification➔contentOwner➔additionalPartyIdentification➔additionalPartyIdentificationType *(List)*			

5.10   Payer Information

AS5023 Reference	Section:	Group:		Element:
Description/Comments				
GS1 XML Path	settlement→payer→gln			
Basic Type	Element			
Comments				
Schema Constraints	Mandatory: Yes			
	Data Type: string			
	Cardinality: 1..1			
Co-requisites	creationDateTime *(dateTime)* documentStatus *(list)* settlementCurrency→currencyISOCode *(string)* totalAmount *(float)* transactionHandlingType *(string)* paymentMethod→paymentMethodType *(string)* settlementIdentification→uniqueCreatorIdentification→gln *(string)* settlementIdentification→contentOwner→gln *(Global Location Number)* settlement→payee→gln *(Global location Number)* payeeFinancialAccountInformation→accountName *(string)*			
Optional Elements	All other elements			

5.11   Payee Information

AS5023 Reference	Section:	Group:	Element:
Description/Comments			
GS1 XML Path	settlement→payee→gln		
Basic Type	Element		
Comments			
Schema Constraints	Mandatory: Yes (Choice Group)		
	Data Type: string		
	Cardinality: 1..1		
Co-requisites	creationDateTime *(dateTime)* documentStatus *(list)* settlementCurrency→currencyISOCode *(string)* totalAmount *(float)* transactionHandlingType *(string)* paymentMethod→paymentMethodType (*string*) settlementIdentification→uniqueCreatorIdentification→gln *(string)* settlementIdentification→contentOwner→gln *(Global Location Number)* settlement→payer→gln *(Global location Number)* payeeFinancialAccountInformation→accountName (*string*)		
Optional Elements	All other elements		

6   Payee Financial Account Information

6.1   Account Name

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

6.2 Account Number

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

6.3 Type of the Account

AS5023 Reference	Section:	Group:	Element:
Description/Comments			
GS1 XML Path	settlement→payeeFinancialAccountInformation→accountNumberType		
Basic Type	Element		
Comments			
Schema Constraints	Mandatory: Yes (conditionally required when account Number is used)		
	Data Type: List (Refer to table below)		
	Cardinality: 1..1		
	List Values:	01_TIME_DEPOSIT	

		03_CHECKING_ACCOUNT	
		10_BUSINESS_ACCOUNT	
Co-requisites	accountNumberType→number *(string)* AccountName *(string)*		
Optional Elements	All other elements		

6.4 Financial Institution Details

6.4.1 City where the Account is held

AS5023 Reference	Section:	Group:		Element:
Description/Comments				
GS1 XML Path	financialInstitutionNameandAddress→city			
Basic Type	Element			
Comments				
Schema Constraints	*Mandatory:* Yes (conditionally required if *'financialInstitutionNameAndAddress'* is used)			
	Data Type: string			
	Cardinality: 1..1			
	Conditionally required if			
Co-requisites	Name(*string*) countryCode→countryISOCode(*string*) languageOfTheParty→languageISOCode(*string*)			

Optional Elements	cityCode (*string*) crossStreet (*string*) currency➔currencyISOCode (*string*) poBoxNumber (*string*) postalCode (*string*) provinceCode (*string*) state (*string*)

6.4.2   Name of the Financial Institution

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

Optional Elements	cityCode (*string*) crossStreet (*string*) currency→currencyISOCode (*string*) poBoxNumber (*string*) postalCode (*string*) provinceCode (*string*) state (*string*)

6.4.3   Country

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

Optional Elements	cityCode (*string*) crossStreet (*string*) currency→currencyISOCode (*string*) poBoxNumber (*string*) postalCode (*string*) provinceCode (*string*) state (*string*)

6.4.4 Language of the Party

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

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

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

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

6.7   Actual Amount Paid

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

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

6.8   Original Amount

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

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

6.9 Settlement Entity

AS5023 Reference	Section:		Group:		Element:	
Description/Comments						
GS1 XML Path	settlementLineItem→settlementEntity→entityType					
Basic Type	Attribute					
Comments	Settlement type					
Schema Constraints	*Mandatory:* No					
	Data Type: List					
	Cardinality: 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 OPERATING_DIVISION	MESSAGE_FROM OPERATOR	MESSAGE_RECIPIENT PARTY_TO_RECEIVE_COMMERCIAL_INVOICE	
PAYEE	PAYER	PUBLIC_WAREHOUSE	
REMIT_TO	SELLER	SHIP_FROM	
SHIP_TO WAREHOUSE_AND_OR_DEPOT	STORE	SUPPLIER	

Co-requisites	(Relative to settlementLineItem) partyIdentification→gln *(Global Location number)*
Optional Elements	(Relative to settlementLineItem) settlementEntity→partyIdentification→additionalpartyIdentification→ additionalpartyIdentificationValue *(string)* settlementEntity→partyIdentification→additionalpartyIdentification→ additionalpartyIdentificationType *(List)*

6.9.1   Global Location Number

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

	Data Type: string
	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: float		
	Cardinality: 1..1		
Co-requisites	(Relative to settlementLineItem) adjustmentAndDicount→adjustmentReason→messageReason(List) adjustmentAndDicount→adjustmentReason→sourceCode(List)		
Optional Elements	None		

6.10.2   Adjustment Reason

AS5023 Reference	Section: Detail		Group: Remittance Information		Element: Adjustment reason
Description /Comments					
GS1 XML Path	settlementLineItem→adjustmentAndDiscount→adjustmenReason→messageReason				
Basic Type	Element				
Comments					
Schema Constraints	Mandatory: Yes				
	Data Type: List				
	Cardinality: 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_CANCELLED	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_UNSALABLE_MERCHANDISE
GH_BILLBACK_ALLOWANCE_DEDUC TION	GJ_UNSALABLE_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_COLLECT_BUT_WAS_SHIPPED_PREPAID	SO_SHOULD_BE_SHIPPED_PREPAID_BUT_WAS_SHIPPED_COLLECT	SR_STORE_CONTEST_ALLOWANCE
	SS_TRADE_DISCOUNT	ST_UNAUTHORIZED_AIR_SHIPMENT_CHARGEBACK_IS_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*)		

Optional Elements	None

6.10.3   Source Code

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

6.11   Invoice details

6.11.1   Invoice Type

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

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

6.11.2   Invoice Number

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

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

6.11.3   Invoice Owner

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

6.12 Request for Payment Details

6.12.1 Request for Payment Reference Number

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

6.12.2 Payment authorising Party

AS5023 Reference	Section:	Group:	Element:
Description/Comments			
GS1 XML Path	settlementLineItem→ requestForPayment →contentOwner→gln		
Basic Type	Element		
Comments			

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

6.13   Debit Credit Advice details

6.13.1   Debit Credit Advice Reference Number

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

Optional Elements	creationDateTime *(Attribute; DateTime)* settlementLineItem→ debitCreditAdvice→ContentOwner→additionalPartyIdentification→additionalPartyIdentificationValue *(string)* settlementLineItem→ debitCreditAdvice→ContentOwner→additionalPartyIdentification→additionalPartyIdentificationType *(List)*

6.13.2   Party authorising Debit Credit Note

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

7 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
        InstanceIdentifie
        r Type
        MultipleType
        CreationDateAndTime
    BusinessScope
        Scope
            ScopeAttributes **Type**
                InstanceIdentifier
    message
        entityIdentificatio
        n
        uniqueCreatorIdentification
        contentOwner
            gln
    transaction
        entityIdentificatio
        n

uniqueCreatorIdentification

contentOwner
    gln
command
  documentCommandHeade
  r
    type
    entityIdentification
      uniqueCreatorIdentification
      contentOwner
        gln
  documentCommandOperan
    d settlement
      creationDateTime
      documentStatus
      settlementCurrency
        currencyISOCode
      totalAmount
      transactionHandlingType
  Payment Method
    paymentMethodType
 Payer
    gln

Payee
gln

settlementIdentification
uniqueCreatorIdentification
contentOwner
gln
payeeFinancialAccountInformatio
n **accountName**
accountNumber
accountNumbertype
settlementLineItem
number
amountPaid
originalAmoun
t

Choice Group start

invoice
invoicetype
uniqueCreatorIdentification
contentOwner
gln

(or) *requestForPayment*
uniqueCreatorIdentification
contentOwner
gln

debitCreditAdvice
(or) **uniqueCreatorIdentification**
contentOwner
gln

8   Settlement Message sample

This section provides an example of what a Settlement Advice using the NEHTA standards may look like. Please note that while the previous section identified the minimum schema elements, this section is designed to provide a real-life example and a number of additional elements have been included.

SCENARIO

On the **24/01/2013 at 10 am** the Buyer (**9300000000019**), sent a Settlement Advice to the Supplier (**9311111111112**), in response to the Invoice (INV1001) received from the Supplier (**9311111111112**) on the **24/01/2013,** for $ 385 (incl GST) worth of goods delivered by the Supplier on the **21/03/2013**.

Settlement Advice

```xml
<?xml version="1.0" encoding="UTF-8"?>
<sh:StandardBusinessDocument xmlns:sh="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader"
xmlns:eanucc="urn:ean.ucc:2" xmlns:pay="urn:ean.ucc:pay:2" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.unece.org/cefact/namespaces/StandardBusinessDocumentHeader
../Schemas/sbdh/StandardBusinessDocumentHeader.xsd urn:ean.ucc:2 ../Schemas/SettlementProxy.xsd">
    <sh:StandardBusinessDocumentHeader>
        <sh:HeaderVersion>1.0</sh:HeaderVersion>
        <sh:Sender>
            <sh:Identifier Authority="EAN.UCC">9300000000019</sh:Identifier>
        </sh:Sender>
        <sh:Receiver>
            <sh:Identifier Authority="EAN.UCC">9311111111112</sh:Identifier>
        </sh:Receiver>
        <sh:DocumentIdentification>
            <sh:Standard>EAN.UCC</sh:Standard>
            <sh:TypeVersion>2.3</sh:TypeVersion>
            <sh:InstanceIdentifier>100001</sh:InstanceIdentifier>
            <sh:Type>settlement</sh:Type>
            <sh:MultipleType>false</sh:MultipleType>
            <sh:CreationDateAndTime>2013-01-24T10:00:00.000-00:00</sh:CreationDateAndTime>
        </sh:DocumentIdentification>
        <sh:BusinessScope>
            <sh:Scope>
                <sh:Type>NEHTA:E-Procurement</sh:Type>
                <sh:InstanceIdentifier>1.6</sh:InstanceIdentifier>
            </sh:Scope>
        </sh:BusinessScope>
    </sh:StandardBusinessDocumentHeader>
    <eanucc:message>
        <entityIdentification>
            <uniqueCreatorIdentification>MSG-SA1001</uniqueCreatorIdentification>
```

```
<contentOwner>
        <gln>9300000000019</gln>
</contentOwner>
</entityIdentification>
<eanucc:transaction>
        <entityIdentification>
                <uniqueCreatorIdentification>TRA-SA1001</uniqueCreatorIdentification>
                <contentOwner>
                        <gln>9300000000019</gln>
                </contentOwner>
        </entityIdentification>
        <command>
                <eanucc:documentCommand>
                        <documentCommandHeader type="ADD">
                                <entityIdentification>
                                        <uniqueCreatorIdentification>CMD-SA1001</uniqueCreatorIdentification>
                                        <contentOwner>
                                                <gln>9300000000019</gln>
                                        </contentOwner>
                                </entityIdentification>
                        </documentCommandHeader>
                        <documentCommandOperand>
                                <pay:settlement creationDateTime="2013-01-24T10:00:00.000-00:00"
documentStatus="ORIGINAL">
                                        <settlementCurrency>
                                                <currencyISOCode>AUD</currencyISOCode>
                                        </settlementCurrency>
                                        <totalAmount>385.00</totalAmount>

    <transactionHandlingType>PAYMENT_AND_REMITTANCE</transactionHandlingType>
                                        <paymentMethod>
                                                <paymentMethodType>BANK_GIRO</paymentMethodType>
                                        </paymentMethod>
                                        <payer>
```

```
                    <gln>9300000000019</gln>
            </payer>
            <payee>
                    <gln>9311111111112</gln>
            </payee>
            <settlementIdentification>
                    <uniqueCreatorIdentification>2005B09</uniqueCreatorIdentification>
                    <contentOwner>
                            <gln>9300000000019</gln>
                    </contentOwner>
            </settlementIdentification>
            <payeeFinancialAccountInformation>
                    <accountName>COMMBANK</accountName>
                    <accountNumber>
                            <number>NL62510007547061</number>

<accountNumberType>03_CHECKING_ACCOUNT</accountNumberType>
                    </accountNumber>
            </payeeFinancialAccountInformation>
            <settlementLineItem number="1">
                    <amountPaid>385.00</amountPaid>
                    <originalAmount>385.00</originalAmount>
                    <invoice>
                            <uniqueCreatorIdentification>INV1001</uniqueCreatorIdentification>
                            <contentOwner>
                                    <gln>9311111111112</gln>
                            </contentOwner>
                            <invoiceType>INVOICE</invoiceType>
                    </invoice>
            </settlementLineItem>
        </pay:settlement>
    </documentCommandOperand>
  </eanucc:documentCommand>
</command>
```

```
            </eanucc:transaction>
        </eanucc:message>
</sh:StandardBusinessDocument>
```

9 References

This document is based on the following documents:

Standards Australia 2003, Health Supply Chain Messaging Part 2: Datasets, Standards Australia.

GS1 2007, Standard Business Document Header (SBDH) Technical Implementation Guide, Release: 1.3, GS1.

GS1 2007, Business Message Standard (BMS) Settlement, BMS Release: 2.3, GS1.

NEHTA 2007, E-Procurement Technical Architecture; Version 1.1, NEHTA