opXML Best Practice Guide

XML Messages for the Office Products Industry

Reviewed Date: 5 October 2019

Document Date: 10 October 2003
Document Issue: 1.01
opXML Version: 1

Copyright

Warning and Disclaimer

Document History

	Document Issue	opXML Version	Date
This Issue	1.01	1	10 October 2003
Previous Issues	1.00	1	28 November 2002
	0.95		12 November 2002
	0.90		4 September 2002

List of Changes

Issue	Changes
1.00	First full release
1.01	Updated schemas to eBIS-XML version 3.07.
	Updated Order Response schema to match the release version.
	Added details of the new eBIS-XML Batch Envelope.
	Minor corrections for typographical errors.

Contents

This page intentionally left blank

Introduction

This document is a guide to the use of **opXML**, a set of standard XML messages developed for the office products industry by a team of experts representing all parties within the industry supply chain. In particular, it describes the format of the most common messages: Orders, Order Responses (a.k.a. Order Acknowledgements) and Invoices. These use (and are completely compatible with) the latest version of the BASDA eBIS-XML open standard (version 3.07) to which specific usage guidelines and appropriate extensions have been added to reflect the needs and practices within the office products industry. Where relevant, business rules are also specified.

In addition, two batching mechanisms are described. The first of these (InvoiceBatch) is specifically for invoices and was proposed as a batching mechanism when the first version of opXML was released. However, it was never formally released by BASDA who instead created a more generic batch wrapper that could be used to group together any eBIS-XML message. Therefore, the InvoiceBatch wrapper has been adopted by opXML so that it can continue to be used by the opXML community. The second batching mechanism is the generic batch envelope mentioned above.

Audience and Purpose

This document is intended for use by technical staff responsible for implementing XML solutions for the office products industry. It assumes a working knowledge of XML and XML schemas (particularly the W3C schema standard: XSD); some knowledge of XSL may also be useful. The document gives sufficient information to allow developers to create and/or read the appropriate XML messages for application integration. It also facilitates the creation of display functions for received messages where manual processing is required.

About BOSS Federation

The British Office Supplies and Services (BOSS) Federation represents all tiers of the office products industry supply chain, including importers, manufacturers, wholesalers, distributors, dealers, resellers, retailers and IT solution providers in general office supplies, office machines, office furniture, office systems, electronic office supplies and related product areas. The Federation represents the whole of the multi-billion pound office products industry in the UK and has a broad membership ranging from the smallest retailer to the largest manufacturer. It is also a member of the European Stationery and Office Products Trade Association (ESOTA), an association of national trade bodies operating in this business sector.

For further information, please contact BOSS Federation at the address near the beginning of this document.

About BASDA

BASDA is an international software standards body, based in the UK, representing over 300 of the world's leading developers and suppliers of business application software. BASDA has developed standards and accreditation facilities for handling business-to-business and business-to-Government e-Commerce, Euro compliance and VAT handling. Its eBIS-XML many-to-many open-standard has been widely taken up in Europe as the generic means of exchanging orders and invoices between business partners. BASDA provides an information service and runs seminars and workshops for the benefit of its members and business.

For further information, please contact:

> Dennis Keeling
> Chief Executive
> BASDA
>
> Telephone: +44 (0)1494 677699
> e-mail: dkeeling@basda.org

Acknowledgements

BOSS Federation gratefully acknowledges the help and guidance of the following companies and organisations in the development of the **opXML** standard and the production of this document:

> Acco UK Limited, Avery Dennison Limited, BASDA, Burns e-Commerce Solutions, Europa Office Limited, Integrity Software Limited, Interactive Products Limited, Kingfield Heath Limited, Office Club Limited, Spicers Limited.

eBIS-XML Overview

Note: This section just outlines the basic structure of the standard eBIS-XML messages and does not go into detail of individual elements. This is because the full specifications are available from BASDA and a detailed description of the elements used by the office products industry is given later in this document.

The eBIS-XML messages from BASDA were designed to provide cross-industry many-to-many support for standard documents such as Orders and Invoices in XML format.

Order

Element	Use	Max	Description
Order	M	1	Root element
OrderHead	M	1	Order header details such as order type, currency etc.
OrderReferences	O	1	Order references such as Buyer's order number, contract reference etc.
ANY	O	-	Header-level extension area (not validated by the standard schema)
OrderDate	M	1	The date of the order
Supplier	M	1	Supplier details
Buyer	O	1	Buyer details
Delivery	O	*	Delivery details including the delivery location, delivery date etc.
InvoiceTo	O	1	Invoicee details
OrderLine	M	*	Order line details
LineNumber	M	1	Order line number
OrderLineReferences	O	1	Line references
ANY	O	-	Line-level extension area (not validated by the standard schema)
Product	O	*	Product details such as product codes, description etc.
Quantity	O	1	Quantity details
Price	O	1	Price details
PercentDiscount	O	*	Discount as a percentage
AmountDiscount	O	*	Discount as an amount
LineTax	O	1	Tax details
LineTotal	O	1	Total line value
Delivery	O	*	Line-level delivery information
OrderLineInformation	O	*	Text associated with the order line
ExtendedDescription	O	*	Long product description - e.g. full specification
Narrative	O	*	Other text
PercentDiscount	O	*	Discount as a percentage
AmountDiscount	O	*	Discount as an amount
SpecialInstructions	O	*	Special instructions for the order
Narrative	O	*	Order-level text
Settlement	O	1	Payment details
OrderTotal	O	1	Total amounts

Order Response

Element	Use	Max	Description
OrderResponse	M	1	Root element
OrderResponseHead	M	1	Order header details such as order response type, currency etc.
OrderResponseReferences	O	1	Order references such as Buyer's order number, contract reference etc.
ANY	O	-	Header-level extension area (not validated by the standard schema)
OrderResponseDate	M	1	The date of the Order Response
OriginalOrderDate	O	1	The date of the original Purchase Order
Supplier	M	1	Supplier details
Buyer	O	1	Buyer details
Delivery	O	*	Delivery details including the delivery location, delivery date etc.
InvoiceTo	O	1	Invoicee details
OrderResponseLine	M	*	Order line details
LineNumber	M	1	Order line number
OriginalLineNumber	O	1	Original order line number
Status	O	1	Line status (out of stock, discontinued etc.)
OrderResponseLineReferences	O	1	Line references
ANY	O	-	Line-level extension area (not validated by the standard schema)
Product	O	*	Product details - e.g. product codes, description etc.
Quantity	O	1	Quantity details
OriginalQuantity	O	1	Original quantity details (if different)
Price	O	1	Price details
OriginalPrice	O	1	Original price details (if different)
PercentDiscount	O	*	Discount as a percentage
AmountDiscount	O	*	Discount as an amount
LineTax	O	1	Tax details
LineTotal	O	1	Total line value
Delivery	O	*	Line-level delivery information
OrderLineInformation	O	*	Text associated with the order line
ExtendedDescription	O	*	Long product description - e.g. full specification
Narrative	O	*	Other text
PercentDiscount	O	*	Discount as a percentage
AmountDiscount	O	*	Discount as an amount
SpecialInstructions	O	*	Special instructions for the order response
Narrative	O	*	Header-level text
Settlement	O	1	Payment details
OrderResponseTotal	O	1	Total amounts

Invoice

Element	Use	Max	Description
Invoice	M	1	Root element
InvoiceHead	M	1	Invoice header details such as order type, currency etc.
InvoiceReferences	O	1	Invoice references such as Buyer's order number, contract reference etc.
ANY	O	-	Header-level extension area (not validated by the standard schema)
InvoiceDate	M	1	The date of the order
TypeOfSupply	O	1	Hire, lease, sale or return etc.
TaxPointDate	O	1	Date on which the tax calculation is based
Supplier	M	1	Supplier details
Buyer	O	1	Buyer details
Delivery	O	*	Delivery details including the delivery location, delivery date etc.
InvoiceTo	M	1	Invoicee details
InvoiceLine	M	*	Invoice line details
LineNumber	M	1	Invoice line number
InvoiceLineReferences	O	1	Line references
ANY	O	-	Line-level extension area (not validated by the standard schema)
Product	O	*	Product details such as product codes, description etc.
Quantity	O	1	Quantity details
Price	O	*	Price details
PercentDiscount	O	*	Discount as a percentage
AmountDiscount	O	*	Discount as an amount
LineTax	O	1	Tax details
LineTotal	O	1	Total line value
Delivery	O	*	Line-level delivery information
InvoiceLineInformation	O	*	Text associated with the invoice line
ExtendedDescription	O	*	Long product description - e.g. full specification
Narrative	O	*	Other text
LotSerial	O	*	Lot/serial numbers
Intrastat	O	1	Intrastat details
PercentDiscount	O	*	Discount as a percentage
AmountDiscount	O	*	Discount as an amount
SpecialInstructions	O	*	Special instructions for the invoice
Narrative	O	*	Invoice-level text
Settlement	O	1	Payment details
TaxSubTotal	M	*	Totals by tax rate
InvoiceTotal	M	1	Total amounts

Extensions to the eBIS-XML Standard

General

In order to be able to accommodate the industry-specific extensions in a flexible and manageable manner, an extension mechanism has been designed that will enable the majority of current future requirements to be met without further changes to the standard described here.

The basis of this mechanism is a set of targeted elements that use an attribute as a qualifier to designate the exact nature of the contents. The qualifier (type code) attributes may be restricted to being from industry-specific lists which can be added to very simply as the need arises without necessitating a change in the base schema. It is even possible to use different lists in different circumstances such as when communicating with companies or organisations outside the office products industry.

Using the Extensions

The extensions are designed to be placed in the "ANY" sections of the standard eBIS-XML messages as these sections are specifically designed for this purpose. Extensions may be added at both header level and line level as required. The current set of extensions described here are for additional references, dates and/or times and text, all of which may appear at both levels.

The additional reference elements are designed to allow the inclusion of document references which are not catered for by the standard elements - e.g. export licence number, product specification, etc. There is also a date element which can be used where the date of the document is relevant. In addition to the intended use of these elements, the reference elements can also be used to hold other items of information for which there is no place in the standard eBIS-XML message. Examples of this are service code and back-order flag.

At present, the ReferenceType attribute is defined simply as a string but values may be restricted to the values in an industry-specific code list in the future. This is to avoid the confusion that can occur if different people use the same code to represent different reference types. Therefore, it is recommended that, in the short term, only the ReferenceDesc attribute is used.

The additional date/time elements allow for dates and/or times to be included which do not have specific places in the standard eBIS-XML schemas such as the Purchase Order date in the Invoice. Similarly to the reference elements, the DateTimeType (a code or qualifier) and/or DateTimeDesc (text) attributes may be used to denote the type of date and the former may be restricted to specific values. The value may be a date, a time or a date and time in ISO 8601 format - i.e. yyyy-mm-dd, hh:mm:ss or yyyy-mm-ddThh:mm:ss respectively.

Although the current eBIS-XML messages include a reasonably comprehensive set of elements for text, the only place for text that is not covered by a specific element is the Narrative element. Unfortunately, there is no way of denoting the subject of the text in a Narrative element other than by including that description in the text itself. Therefore, **opXML** has a set of extension elements for text which follow the pattern described above in having code and description attributes to specify the text subject.

Order

As described above, there are three extensions at header-level and their corresponding elements at line-level. These are references, dates/times and text.

Header-Level Extensions

The header-level reference elements are as follows:

Element/Attribute	Use	Max	Description
\<AdditionalOrderReferences\>	O	1	Envelope for additional references

\<OrderReference
     ReferenceType="AAA"
     ReferenceDesc="Bbbb Bbbbb"\>
	M
	R
	O
		*	Individual reference
			Type of reference as a code (list)
			Type of reference in words

\<Reference\>XXXX\</Reference\>	M	1	The reference itself
\<ReferenceDate\>yyyy-mm-dd\</ReferenceDate\>	O	1	The date of the reference/document
\</OrderReference\>	-	-	End tag
\</AdditionalOrderReferences\>	-	-	End tag

The header-level date/time elements are as follows:

Element/Attribute	Use	Max	Description
\<AdditionalOrderDates\>	O	1	Envelope for additional dates

\<OrderDateTime
     DateTimeType="AAA"
     DateTimeDesc="Bbbb Bbbbb"\>
       yyyy-mm-dd
   \</OrderDateTime\>
	M
	R
	O
		*	Individual date/time
			Type of date/time as a code (list)
			Type of date/time in words

\</AdditionalOrderDates\>	-	-	End tag

The header-level text elements are as follows:

Element/Attribute	Use	Max	Description
\<AdditionalOrderText\>	O	1	Envelope for additional text

\<OrderText
     TextType="AAA"
     TextDesc="Bbbb Bbbbb"\>
       Here is some text
   \</OrderText\>
	M
	R
	O
		*	Individual text
			Type of text as a code (list)
			Type of text in words

\</AdditionalOrderText\>	-	-	End tag

Line-Level Extensions

The line-level reference elements are as follows:

Element/Attribute	Use	Max	Description
\<AdditionalOrderLineReferences>	O	1	Envelope for additional references

\<OrderLineReference
    ReferenceType="AAA"
    ReferenceDesc="Bbbb Bbbbb">
	M
	R
	O
		*	Individual reference
			Type of reference as a code (list)
			Type of reference in words

\<Reference>XXXX\</Reference>	M	1	The reference itself
\<ReferenceDate>yyyy-mm-dd\</ReferenceDate>	O	1	The date of the reference/document
\</OrderLineReference>	-	-	End tag
\</AdditionalOrderLineReferences>	-	-	End tag

The line-level date/time elements are as follows:

Element/Attribute	Use	Max	Description
\<AdditionalOrderLineDates>	O	1	Envelope for additional dates

\<OrderLineDateTime
    DateTimeType="AAA"
    DateTimeDesc="Bbbb Bbbbb">
        yyyy-mm-dd
\</OrderLineDateTime>
	M
	R
	O
		*	Individual date/time
			Type of date/time as a code (list)
			Type of date/time in words

\</AdditionalOrderLineDates>	-	-	End tag

The line-level text elements are as follows:

Element/Attribute	Use	Max	Description
\<AdditionalOrderLineText>	O	1	Envelope for additional text

\<OrderLineText
    TextType="AAA"
    TextDesc="Bbbb Bbbbb">
        Here is some text
\</OrderLineText>
	M
	R
	O
		*	Individual text
			Type of text as a code (list)
			Type of text in words

\</AdditionalOrderLineText>	-	-	End tag

Order Response

As described above, there are three extensions at header-level and their corresponding elements at line-level. These are references, dates/times and text.

Header-Level Extensions

The header-level reference elements are as follows:

Element/Attribute	Use	Max	Description
<AdditionalOrderResponseReferences>	O	1	Envelope for additional references

<OrderResponseReference
     ReferenceType="AAA"
     ReferenceDesc="Bbbb Bbbbb">
	M
	R
	O
		*	Individual reference
			Type of reference as a code (list)
			Type of reference in words

<Reference>XXXX</Reference>	M	1	The reference itself
<ReferenceDate>yyyy-mm-dd</ReferenceDate>	O	1	The date of the reference/document
</OrderResponseReference>	-	-	End tag
</AdditionalOrderResponseReferences>	-	-	End tag

The header-level date/time elements are as follows:

Element/Attribute	Use	Max	Description
<AdditionalOrderResponseDates>	O	1	Envelope for additional dates

<OrderResponseDateTime
     DateTimeType="AAA"
     DateTimeDesc="Bbbb Bbbbb">
       yyyy-mm-dd
   </OrderResponseDateTime>
	M
	R
	O
		*	Individual date/time
			Type of date/time as a code (list)
			Type of date/time in words

</AdditionalOrderResponseDates>	-	-	End tag

The header-level text elements are as follows:

Element/Attribute	Use	Max	Description
<AdditionalOrderResponseText>	O	1	Envelope for additional text

<OrderResponseText
     TextType="AAA"
     TextDesc="Bbbb Bbbbb">
       Here is some text
   </OrderResponseText>
	M
	R
	O
		*	Individual text
			Type of text as a code (list)
			Type of text in words

</AdditionalOrderResponseText>	-	-	End tag

Line-Level Extensions

The line-level reference elements are as follows:

Element/Attribute	Use	Max	Description
<AdditionalOrderResponseLineReferences>	O	1	Envelope for additional references

<OrderResponseLineReference
      ReferenceType="AAA"
      ReferenceDesc="Bbbb Bbbbb">
	M
	R
	O
		*	Individual reference
			Type of reference as a code (list)
			Type of reference in words

<Reference>XXXX</Reference>	M	1	The reference itself
<ReferenceDate>yyyy-mm-dd</ReferenceDate>	O	1	The date of the reference/document
</OrderResponseLineReference>	-	-	End tag
</AdditionalOrderResponseLineReferences>	-	-	End tag

The line-level date/time elements are as follows:

Element/Attribute	Use	Max	Description
<AdditionalOrderResponseLineDates>	O	1	Envelope for additional dates

<OrderResponseLineDateTime
      DateTimeType="AAA"
      DateTimeDesc="Bbbb Bbbbb">
        yyyy-mm-dd
   </OrderResponseLineDateTime>
	M
	R
	O
		*	Individual date/time
			Type of date/time as a code (list)
			Type of date/time in words

</AdditionalOrderResponseLineDates>	-	-	End tag

The line-level text elements are as follows:

Element/Attribute	Use	Max	Description
<AdditionalOrderResponseLineText>	O	1	Envelope for additional text

<OrderResponseLineText
      TextType="AAA"
      TextDesc="Bbbb Bbbbb">
        Here is some text
   </OrderResponseLineText>
	M
	R
	O
		*	Individual text
			Type of text as a code (list)
			Type of text in words

</AdditionalOrderResponseLineText>	-	-	End tag

Invoice

As described above, there are three extensions at header-level and their corresponding elements at line-level. These are references, dates/times and text.

Header-Level Extensions

The header-level reference elements are as follows:

Element/Attribute	Use	Max	Description
\<AdditionalInvoiceReferences>	O	1	Envelope for additional references

\<InvoiceReference
      ReferenceType="AAA"
      ReferenceDesc="Bbbb Bbbbb">
	M
	R
	O
		*	Individual reference
			Type of reference as a code (list)
			Type of reference in words

\<Reference>XXXX\</Reference>	M	1	The reference itself
\<ReferenceDate>yyyy-mm-dd\</ReferenceDate>	O	1	The date of the reference/document
\</InvoiceReference>	-	-	End tag
\</AdditionalInvoiceReferences>	-	-	End tag

The header-level date/time elements are as follows:

Element/Attribute	Use	Max	Description
\<AdditionalInvoiceDates>	O	1	Envelope for additional dates

\<InvoiceDateTime
      DateTimeType="AAA"
      DateTimeDesc="Bbbb Bbbbb">
        yyyy-mm-dd
   \</InvoiceDateTime>
	M
	R
	O
		*	Individual date/time
			Type of date/time as a code (list)
			Type of date/time in words

\</AdditionalInvoiceDates>	-	-	End tag

The header-level text elements are as follows:

Element/Attribute	Use	Max	Description
\<AdditionalInvoiceText>	O	1	Envelope for additional text

\<InvoiceText
      TextType="AAA"
      TextDesc="Bbbb Bbbbb">
        Here is some text
   \</InvoiceText>
	M
	R
	O
		*	Individual text
			Type of text as a code (list)
			Type of text in words

\</AdditionalInvoiceText>	-	-	End tag

Line-Level Extensions

The line-level reference elements are as follows:

Element/Attribute	Use	Max	Description
<AdditionalInvoiceLineReferences>	O	1	Envelope for additional references

<InvoiceLineReference
   ReferenceType="AAA"
   ReferenceDesc="Bbbb Bbbbb">
	M
	R
	O
		*	Individual reference
			Type of reference as a code (list)
			Type of reference in words

<Reference>XXXX</Reference>	M	1	The reference itself
<ReferenceDate>yyyy-mm-dd</ReferenceDate>	O	1	The date of the reference/document
</InvoiceLineReference>	-	-	End tag
</AdditionalInvoiceLineReferences>	-	-	End tag

The line-level date/time elements are as follows:

Element/Attribute	Use	Max	Description
<AdditionalInvoiceLineDates>	O	1	Envelope for additional dates

<InvoiceLineDateTime
   DateTimeType="AAA"
   DateTimeDesc="Bbbb Bbbbb">
    yyyy-mm-dd
</InvoiceLineDateTime>
	M
	R
	O
		*	Individual date/time
			Type of date/time as a code (list)
			Type of date/time in words

</AdditionalInvoiceLineDates>	-	-	End tag

The line-level text elements are as follows:

Element/Attribute	Use	Max	Description
<AdditionalInvoiceLineText>	O	1	Envelope for additional text

<InvoiceLineText
   TextType="AAA"
   TextDesc="Bbbb Bbbbb">
    Here is some text
</InvoiceLineText>
	M
	R
	O
		*	Individual text
			Type of text as a code (list)
			Type of text in words

</AdditionalInvoiceLineText>	-	-	End tag

Detailed Usage

The usage of the BASDA eBIS-XML messages by the office products industry is described in this section. Apart from the top-level overview, only those elements and attributes used in this application are expanded below. The reader is referred to the eBIS-XML documentation from BASDA for the full definition of the messages.

Elements in *italics* are not used in the core standard, although they may still be used in messages if required (see **Important Note** below).

Key to the following layouts

Element/Attribute:	The element and its attributes, if any. Where applicable, the element may be split into start and end tags.
Use:	M = mandatory, O = optional, R = recommended, N = not recommended, D = dependent on another element or attribute, C = Choice (only one of the listed elements may be used). If the value in this column is "D", there will be an explanation in the notes as to what this element/attribute is dependant on and how.
Max:	The maximum number of times that this element may occur (* = unbounded).
Len:	Where relevant, this is the maximum recommended length for the contents of the element. This is not mandatory but values longer than that recommended may not be able to be fully processed by the receiving system. (Note: This column only contains a value if there is a recommended maximum length.)
Type:	The data type of the element (XSD schema data types are used - e.g. string, float, etc.)
Description:	Notes on the content of the element and/or attribute

Important Note

This Guide describes the core elements used by the office products industry as standard. However, other elements and/or attributes that are available in the full eBIS-XML standard may also be used if desired.

All Messages

The following are general notes that apply to all of the messages defined below.

Currency and Country Codes

Currency and country codes should always be ISO codes (3166 and 4217 respectively).

Unit of Measure Codes

Unit of measure codes should be the values as specified in UN/ECE Recommendation Number 20 - Codes for Units of Measurement used in International Trade (as used in EDIFACT messages) and/or values from TRADACOMS Code list 4 - Measure Indicator. The former is preferred.

Date and Time Format

All dates and times should be in ISO 8601 format. This means that dates (no time) should be in yyyy-mm-dd format, times should be in hh:mm or hh:mm:ss format (see the ISO 8601 standard for details of how to add the time-zone) and a combined date and time should be a date, a capital letter T and then the time. For example, 2002-08-06T14:23:56.

ANY Sections

As of version 3.07 of eBIS-XML, the extension elements may be placed inside an element called "Extensions". This is so that parsers that want to ignore the extension elements only have to skip a single element.

Order

Elements in *italics* are not used in the core standard, although they may still be used in messages if required.

Element	Use	Max	Description
Order	M	1	Root element
OrderHead	M	1	Order header details such as order type, currency etc.
OrderReferences	R	1	Order references such as Buyer's order number, contract reference etc.
ANY	O	-	Header-level extension area (not validated by the standard schema)
OrderDate	M	1	The date of the order
Supplier	M	1	Supplier details
Buyer	R	1	Buyer details
Delivery	O	*	Delivery details including the delivery location, delivery date etc.
InvoiceTo	O	1	Invoicee details
OrderLine	M	*	Order line details
LineNumber	M	1	Order line number
OrderLineReferences	O	1	Line references
ANY	O	-	Line-level extension area (not validated by the standard schema)
Product	O	*	Product details such as product codes, description etc.
Quantity	O	1	Quantity details
Price	O	1	Price details
PercentDiscount	*O*	*	*Discount as a percentage*
AmountDiscount	*O*	*	*Discount as an amount*
LineTax	*O*	*1*	*Tax details*
LineTotal	O	1	Total line value
Delivery	O	*	Line-level delivery information
OrderLineInformation	*O*	*	*Text associated with the order line*
ExtendedDescription	*O*	*	*Long product description - e.g. full specification*
Narrative	*O*	*	*Other text*
PercentDiscount	O	*	Discount as a percentage
AmountDiscount	O	*	Discount as an amount
SpecialInstructions	O	*	Special instructions for the order
Narrative	O	*	Order-level text
Settlement	*O*	*1*	*Payment details*
OrderTotal	O	1	Total amounts

OrderHead

Description:	Information on the layout and content of the order such as schema, stylesheet, precision of decimal numbers, order type, currency and a checksum.
Usage:	Mandatory
Occurs:	1..1

Element/Attribute	Use	Max	Len	Type	Description
<OrderHead>					Envelope for header information
<Schema>	M	1			Details of the schema
<Version>3.05</Version>	M	1		string	Version number of the schema (must be 3.05 or above)
</Schema>	-	-			End tag
<Stylesheet />	O	*1*			*See eBIS-XML specification*
<Parameters>	M	1			Parameters for the order
<Language>en-GB</Language>	M	1		string	Language (see Notes)
<DecimalSeparator>.</DecimalSeparator>	M	1		enumeration	Decimal separator character (. or ,)
<Precision>12.3</Precision>	M	1		float	Maximum precision of decimal values = number of digits before and after the decimal separator
</Parameters>	-	-			End tag
<OriginatingSoftware />	O	*1*			*See eBIS-XML specification*
<TestFlag />	O	*1*			*See eBIS-XML specification*

<OrderType
    Code="PUO"
    Codelist="BASDA">
      Purchase Order
  </OrderType>
	M
	R
	O
		1		string	Order type
					Order type as a code
					Maintainer of the code list
					Order type as text

<Function />	O	*1*			*See eBIS-XML specification*

Element/Attribute	Use	Max	Len	Type	Description
<OrderCurrency>	M	1			Currency of amounts in the order

<Currency
    Code="GBP"
    Codelist="ISO">
        Pounds Sterling
</Currency>
	M
	R
	O
		1		string	Order currency
					Currency as a code
					Maintainer of the code list
					Currency as text

<AlternateCurrency />	*O*	*1*			*See eBIS-XML specification*
<Rate />	*O*	*1*			*See eBIS-XML specification*
</OrderCurrency>	-	-			End tag
<InvoiceCurrency />	*O*	*1*			*See eBIS-XML specification*
<Checksum>1234</Checksum>	M	1		integer	Checksum (see notes)
</OrderHead>	-	-			End tag

Notes

1. The language is specified as a two-character ISO 639 code (lower case) optionally followed by a dash and an ISO 3166 country code in upper case to denote a variant of the base language - e.g. "en-GB", "fr".

2. The order types are listed in the eBIS-XML code lists document. As well as PUO (Purchase Order), there are values such as BLO (Blanket Order), CAO (Call-Off Order) and RUO (Rush Order) plus many others. Note that Rush Order (RUO) could be used as a way to indicate that next-day delivery is required.

3. It is strongly recommended that the currency is always specified as an ISO code.

4. The checksum is the last five digits of the greatest integer less than or equal to the absolute value given by the following equation:

    ```
    (year + 13 x day - 7 x sum(line_number x line_quantity)) x
    (month + 17 x lines + 5 x total)
    ```

    where **year**, **month** and **day** are taken from OrderDate, **lines** is the number of OrderLine elements, and **total** is the value of the OrderTotal/GoodsValue element. Finally, **sum(line_number x line_quantity)** is the sum over each OrderLine of the LineNumber multiplied by the value in the Quantity/Amount element. Any optional values that are not supplied in the message should be given a value of zero for the calculation.

Example

```
<OrderHead>
  <Schema>
    <Version>3.04</Version>
  </Schema>
  <Parameters>
    <Language>en-GB</Language>
    <DecimalSeparator>.</DecimalSeparator>
    <Precision>20.3</Precision>
  </Parameters>
  <OrderType Code='BLO'>Blanket Order</OrderType>
  <OrderCurrency>
    <Currency Code='GBP'>GB Pounds Sterling</Currency>
  </OrderCurrency>
  <Checksum>50099</Checksum>
</OrderHead>
```

<u>OrderReferences</u>

Description: Other documents and references that are relevant to the order.
Usage: Recommended
Occurs: 0..1

Element/Attribute	Use	Max	Len	Type	Description
<OrderReferences>					
<ContractOrderReference>X</ContractOrderReference>	O	1		string	Contract number
<CostCentre>CC1</CostCentre>	O	1		string	Cost centre

<BuyersOrderNumber
    Preserve="true">
        PO123456
</BuyersOrderNumber>
	R
	R
		1	20	string	Order number (Buyer)
					Send value back in replies
					Order number value

<Department />	*O*	*1*			*See eBIS-XML specification*
<GeneralLedgerCode />	*O*	*1*			*See eBIS-XML specification*
<ProjectCode />	*O*	*1*			*See eBIS-XML specification*
<ProjectAnalysisCode />	*O*	*1*			*See eBIS-XML specification*

<SuppliersOrderReference
    Preserve="true">
        SO654321
</SuppliersOrderReference>
	O
	N
		1	20	string	Order number (Supplier)
					Send value back in replies
					Order number value

<CrossReference />	*O*	*1*		*string*	*See eBIS-XML specification*
<ResponseTo />	*O*	*1*		*string*	*See eBIS-XML specification*
<BatchNumber>1234</BatchNumber>	O	1	10	integer	Batch number, if relevant
</OrderReferences>	-	-			End tag

Notes

1. It is strongly recommended that the Buyer's order number is always supplied.

Example

```
<OrderReferences>
  <ContractOrderReference>FLEXT609</ContractOrderReference>
  <BuyersOrderNumber Preserve='true'>PO123456</BuyersOrderNumber>
  <SuppliersOrderReference Preserve='true'>SO654321</SuppliersOrderReference>
</OrderReferences>
```

ANY (Order Header Level)

Description: Other documents and references that are relevant to the order. (See the note about "ANY Sections" on page 2.)	
Usage: Optional	
Occurs: 0..1	

Element/Attribute	Use	Max	Len	Type	Description
<OP:AdditionalOrderReferences xmlns:OP="urn:schemas-bossfed-co-uk:OP-Order-v1">	O M	1			Envelope for additional references

<OP:OrderReference
      ReferenceType="AAA"
      ReferenceDesc="Bbbb Bbbbb">
	M
	R
	O
		*			Individual reference
					Type of reference as a code (list)
					Type of reference in words

<OP:Reference>XXXX</OP:Reference>	M	1	40	string	The reference itself
<OP:ReferenceDate> yyyy-mm-dd </OP:ReferenceDate>	O	1		date or dateTime	The date (and time) of the reference/document
</OP:OrderReference>	-	-			End tag
</OP:AdditionalOrderReferences>	-	-			End tag

Notes

1. The namespace declaration is mandatory for all elements included in the ANY section of an eBIS-XML message and it applies to all child elements and attributes within the outer tag (AdditionalOrderReferences).

Example

```
<OP:AdditionalOrderReferences xmlns:OP="urn:schemas-bossfed-co-uk:OP-Order-v1">
  <OP:OrderReference ReferenceType="EXP" ReferenceDesc="Export">
    <OP:Reference>EXP-0001/23</OP:Reference>
    <OP:ReferenceDate>2002-07-30</OP:ReferenceDate>
  </OP:OrderReference>
</OP:AdditionalOrderReferences>
```

Description: Additional dates and/or times that are relevant to the order. (See the note about "ANY Sections" on page 2.)					
Usage: Optional					
Occurs: 0..1					

Element/Attribute	Use	Max	Len	Type	Description
<OP:AdditionalOrderDates xmlns:OP="urn:schemas-bossfed-co-uk:OP-Order-v1">	O M	1			Envelope for additional dates and/or times

<OP:OrderDateTime
    DateTimeType="AAA"
    DateTimeDesc="Bbbb Bbbbb">
      yyyy-mm-dd
  </OP:OrderDateTime>
	M
	R
	O
		*		date, time or
				dateTime
					Individual date/time
					Type of date/time as a code (list)
					Type of date/time in words
					Date, time or date+time

</OP:AdditionalOrderDates>	-	-			End tag

Notes

1. The namespace declaration is mandatory for all elements included in the ANY section of an eBIS-XML message and it applies to all child elements and attributes within the outer tag (AdditionalOrderDates).

Example

```
<OP:AdditionalOrderDates xmlns:OP="urn:schemas-bossfed-co-uk:OP-Order-v1">
  <OP:OrderDateTime DateTimeDesc="Earliest Time for Delivery">10:30:00</OP:OrderDateTime>
  <OP:OrderDateTime DateTimeDesc="Latest Time for Delivery">15:00:00</OP:OrderDateTime>
</OP:AdditionalOrderDates>
```

Description: Additional text that is relevant to the order. (See the note about "ANY Sections" on page 2.)					
Usage: Optional					
Occurs: 0..1					

Element/Attribute	Use	Max	Len	Type	Description
<OP:AdditionalOrderText xmlns:OP="urn:schemas-bossfed-co-uk:OP-Order-v1">	O M	1			Envelope for additional text

<OP:OrderText
      TextType="AAA"
      TextDesc="Bbbb Bbbbb">
         Here is some text
   </OP:OrderText>
	M
	R
	O
		*		string	Individual text item
					Type of text as a code (list)
					Type of text in words

</OP:AdditionalOrderText>	-	-			End tag

Notes

1. The namespace declaration is mandatory for all elements included in the ANY section of an eBIS-XML message and it applies to all child elements and attributes within the outer tag (AdditionalOrderText).

Example

```
<OP:AdditionalOrderText xmlns:OP="urn:schemas-bossfed-co-uk:OP-Order-v1">
  <OP:OrderText TextDesc="Legal Information">Terms and conditions are as specified in the contract</OP:OrderText>
</OP:AdditionalOrderText>
```

OrderDate

Description: The date and time that this order was created.	
Usage: Mandatory	
Occurs: 1..1	

Element/Attribute	Use	Max	Len	Type	Description
<OrderDate>2002-08-06T10:25:42</OrderDate>	M	1		dateTime	Date and time order was created

Example

```
<OrderDate>2002-08-06T10:25:42</OrderDate>
```

Supplier

Description: Supplier details.	
Usage: Mandatory	
Occurs: 1..1	

Element/Attribute	Use	Max	Len	Type	Description
<Supplier>					
<SupplierReferences>	R	1			Supplier codes
<BuyersCodeForSupplier> SUPP0001 </BuyersCodeForSupplier>	D	1	20	string	Buyer's code for the Supplier (e.g. an account code)
<TaxNumber>123456789</TaxNumber>	O	1	20	string	Tax registration number (e.g. VAT)
<GLN>50123456543210</GLN>	D	1	20	string	Location code (e.g. ANA number)
<DUNS>501234565432101</DUNS>	D	1	14	string	Dun and Bradstreet company id
</SupplierReferences>	-	-			End tag
<Party>Global Trading Limited</Party>	M	*	40	string	Supplier (company) name
<Address>	R	1			Postal address
<AddressLine>xxxx</AddressLine>	D	*	40	string	Free-format address line
<Street>xxxx</Street>	D	*	40	string	Street name
<City>xxxx</City>	D	1	40	string	Town or city
<State>xxxx</State>	D	1	40	string	County, state, region
<PostCode>xxxx</PostCode>	D	1	16	string	Postal code
<Country Code="GB" *Codelist="ISO">* United Kingdom </Country>	O R *O*	1	40	string	Country Country as a code *Maintainer of the code list* Country as text
</Address>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
<Contact>	O	*			Supplier contact(s)
<Name>xxxx</Name>	O	1	40	string	Contact name
<Department>xxxx</Department>	O	1	40	string	Contact department
<InternalAddress>xxxx</InternalAddress>	O	1	40	string	Organisation internal address
<DDI>xxxx</DDI>	O	1	20	string	Direct dial telephone number
<Switchboard>xxxx</Switchboard>	O	1	20	string	Switchboard telephone number
<Fax>xxxx</Fax>	O	1	20	string	Fax number
<Telex>xxxx</Telex>	O	1	20	string	Telex number
<Email>xxxx</Email>	O	1	40	string	Email address
<Mobile>xxxx</Mobile>	O	1	20	string	Mobile telephone number
</Contact>	-	-			End tag
</Supplier>	-	-			End tag

Notes

1. It is strongly recommended that the Buyer's code for the Supplier and/or the GLN/DUNS is always supplied.

2. Although it is allowed, it would not be usual to use both free-format address details (AddressLine) and the specific address elements (Street, City etc.) at the same time. It is recommended that they are not mixed.

Example

```
<Supplier>
  <SupplierReferences>
    <BuyersCodeForSupplier>STATSUPP</BuyersCodeForSupplier>
    <GLN>5012345654321</GLN>
  </SupplierReferences>
  <Party>Stationery Supply Company Ltd.</Party>
  <Address>
    <Street>Unit 2, First Avenue</Street>
    <Street>Universal Trading Estate</Street>
    <City>Reading</City>
    <State>Berks</State>
    <PostCode>RG1 1XX</PostCode>
    <Country Code='GB'>United Kingdom</Country>
  </Address>
</Supplier>
```

Buyer

Description:	Buyer details.
Usage:	Recommended
Occurs:	0..1

Element/Attribute	Use	Max	Len	Type	Description
<Buyer>					
<BuyerReferences>	R	1			Buyer codes
<SuppliersCodeForBuyer> SUPP0001 </SuppliersCodeForBuyer>	D	1	20	string	Supplier's code for the Buyer (e.g. an account code)
<BuyersCodeForBuyer>BY</BuyersCodeForBuyer>	O	1	20	string	Buyer's code for the Buyer
<TaxNumber>123456789</TaxNumber>	O	1	20	string	Tax registration number (e.g. VAT)
<GLN>50123456543210</GLN>	D	1	20	string	Location code (e.g. ANA number)
<DUNS>501234565432101</DUNS>	D	1	14	string	Dun and Bradstreet company id
<Organisation>ORG00001</Organisation>	O	1	20	string	Organisation
</BuyerReferences>	-	-			End tag
<Party>Global Trading Limited</Party>	M	*			Buyer (company) name
<Address>	R	1			Postal address
<AddressLine>xxxx</AddressLine>	D	*	40	string	Free-format address line
<Street>xxxx</Street>	D	*	40	string	Street name
<City>xxxx</City>	D	1	40	string	Town or city
<State>xxxx</State>	D	1	40	string	County, state, region
<PostCode>xxxx</PostCode>	D	1	20	string	Postal code
<Country Code="GB" *Codelist="ISO"*> United Kingdom </Country>	O R *O*	1	40	string	Country Country as a code *Maintainer of the code list* Country as text
</Address>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
<Contact>	O	*			Buyer contact(s)
<Name>xxxx</Name>	O	1	40	string	Contact name
<Department>xxxx</Department>	O	1	40	string	Contact department
<Section>xxxx</Section>	O	1	40	string	Contact section
<UserID>xxxx</UserID>	O	1	20	string	Contact identifier
<InternalAddress>xxxx</InternalAddress>	O	1	40	string	Organisation internal address
<DDI>xxxx</DDI>	O	1	20	string	Direct dial telephone number
<Switchboard>xxxx</Switchboard>	O	1	20	string	Switchboard telephone number
<Fax>xxxx</Fax>	O	1	20	string	Fax number
<Telex>xxxx</Telex>	O	1	20	string	Telex number
<Email>xxxx</Email>	O	1	40	string	Email address
<Mobile>xxxx</Mobile>	O	1	20	string	Mobile telephone number
</Contact>	-	-			End tag
</Buyer>	-	-			End tag

Notes

1. It is strongly recommended that the Supplier's code for the Buyer and/or the GLN/DUNS is always supplied.

2. Although it is allowed, it would not be usual to use both free-format address details (AddressLine) and the specific address elements (Street, City etc.) at the same time. It is recommended that they are not mixed.

Example

```
<Buyer>
  <BuyerReferences>
    <SuppliersCodeForBuyer>SCRIBE</SuppliersCodeForBuyer>
    <TaxNumber>GB987654321</TaxNumber>
    <GLN>5012345678901</GLN>
  </BuyerReferences>
  <Party>Scribe Stationers Ltd</Party>
  <Address>
    <Street>Scribe House</Street>
    <Street>Inkwell Road</Street>
    <City>Manchester</City>
    <PostCode>M12 3AB</PostCode>
    <Country Code='GB'>United Kingdom</Country>
  </Address>
  <Contact>
    <Name>Peter Jones</Name>
    <Department>Purchasing</Department>
    <InternalAddress>Room 2</InternalAddress>
    <DDI>0161 234 5678</DDI>
    <Switchboard>0161 234 5000</Switchboard>
    <Fax>0161 235 7890</Fax>
    <Email>peter.jones@scribe.co.uk</Email>
    <Mobile>07957 34567</Mobile>
  </Contact>
</Buyer>
```

Delivery

Description:	Delivery details. Note: This element appears at both header and line level.
Usage:	Optional
Occurs:	0..*

Element/Attribute	Use	Max	Len	Type	Description
<Delivery>					
<DeliverTo>	O	1			Consignee details
. . .					See following section
</DeliverTo>	-	-			End tag
<DeliverFrom>	O	1			Consignor details
. . .					See following section
</DeliverFrom>	-	-			End tag
<Carrier>	O	1			Carrier details
. . .					See following section
</Carrier>	-	-			End tag

<Quantity
    UOMCode="UUU"
    UOMDescription="eeeeee"
    UOMCodelist="ISO">
	O	1			Quantity information

<Packsize>xxxx</Packsize>	O	1	20	string	Details of quantity in a pack
<Amount>xxxx</Amount>	O	1		float	The number of traded units
</Quantity>	-	-			End tag
<EarliestAcceptableDate> yyyy-mm-dd </EarliestAcceptableDate>	O	1		date or dateTime	Earliest date (and time) of delivery
<LatestAcceptableDate> yyyy-mm-dd </LatestAcceptableDate>	O	1		date or dateTime	Latest date (and time) of delivery

Element/Attribute	Use	Max	Len	Type	Description
<PreferredDate>yyyy-mm-dd</PreferredDate>	O	1		date	Preferred date of delivery
<SpecialInstructions>xxxx</SpecialInstructions>	O	*	80	string	Special order instructions
<DeliveryInformation>xxxx</DeliveryInformation>	O	*	80	string	Delivery information (text)
<Narrative>xxxx</Narrative>	O	*	80	string	Other delivery information (text)
</Delivery>	-	-			End tag

Notes

1. For an explanation of the contents of the elements Packsize and Amount, see the discussion on quantities and prices in the Business Rules section of this document.

2. Dates may include a time, if required. If so, it should be added as specified in ISO 8601.

3. It is common practice to use the element EarliestAcceptableDate to hold the requested delivery date when there is only a single delivery date, although element PreferredDate could also be used for this.

Example

```
<Delivery>
    <DeliverTo>
      <DeliverToReferences>
        <BuyersCodeForLocation>LONGSIGHT</BuyersCodeForLocation>
        <GLN>5678901234</GLN>
      </DeliverToReferences>
      <Party>Scribe Stationers - Longsight Depot</Party>
      <Address>
        <Street>12-16 First Avenue</Street>
        <City>Manchester</City>
        <PostCode>M13 5OP</PostCode>
        <Country Code='GB'>United Kingdom</Country>
      </Address>
      <Contact>
        <Name>Colin Davies</Name>
        <Department>Goods Inward</Department>
        <InternalAddress>Warehouse</InternalAddress>
        <DDI>0161 357 9246</DDI>
        <Fax>0161 357 9876</Fax>
      </Contact>
    </DeliverTo>
```

```
    <DeliverFrom>
      <DeliverFromReferences>
        <BuyersCodeForLocation>DIRECT</BuyersCodeForLocation>
      </DeliverFromReferences>
      <Party>Universal Manufacturing Limited</Party>
      <Contact>
        <Name>Henry Wood</Name>
        <Department>Despatch</Department>
        <DDI>0121 0987 6543</DDI>
      </Contact>
    </DeliverFrom>
    <Carrier>
      <CarrierReferences>
        <BuyersCodeForCarrier>PE-W1</BuyersCodeForCarrier>
        <GLN>34567</GLN>
      </CarrierReferences>
      <Party>Pony Express</Party>
      <Address>
        <Street>12 Palomino Road</Street>
        <City>Warrington</City>
        <State>Cheshire</State>
        <PostCode>WA12 3PE</PostCode>
      </Address>
      <Contact>
        <Name>Peter Parker</Name>
        <Department>Logistics</Department>
        <DDI>01925 678 9012</DDI>
        <Switchboard>01925 678 9000</Switchboard>
        <Fax>01925 678 9001</Fax>
        <Email>pparker@pe.com</Email>
      </Contact>
    </Carrier>
    <EarliestAcceptableDate>2000-06-07T18:39:09</EarliestAcceptableDate>
    <LatestAcceptableDate>2000-07-07</LatestAcceptableDate>
    <PreferredDate>2000-06-07</PreferredDate>
    <SpecialInstructions>Deliver by 3 Ton Truck only</SpecialInstructions>
    <DeliveryInformation>Deliver between 8.00 and 10.00</DeliveryInformation>
    <Narrative>Parking problems in Global Road</Narrative>
  </Delivery>
```

DeliverTo

Description:	Consignee details.
Usage:	Optional
Occurs:	0..1

Element/Attribute	Use	Max	Len	Type	Description
\<DeliverTo>					
< DeliverToReferences>	R	1			Consignee codes
\<BuyersCodeForDelivery />	*O*	*1*			*Buyer's reference for this delivery*
\<BuyersCodeForLocation> HOUNSLOW \</BuyersCodeForLocation>	D	1	20	string	Buyer's code for the delivery location (e.g. warehouse town)
\<GLN>50123456543210\</GLN>	D	1	20	string	Location code (e.g. ANA number)
\<DUNS>501234565432101\</DUNS>	D	1	14	string	Dun and Bradstreet company id
\</DeliverToReferences>	-	-			End tag
\<Party>Global Trading Limited\</Party>	M	*	40	string	Consignee (company) name
\<Address>	R	1		string	Postal address
\<AddressLine>xxxx\</AddressLine>	D	*	40	string	Free-format address line
\<Street>xxxx\</Street>	D	*	40	string	Street name
\<City>xxxx\</City>	D	1	40	string	Town or city
\<State>xxxx\</State>	D	1	40	string	County, state, region
\<PostCode>xxxx\</PostCode>	D	1	20	string	Postal code
\<Country Code="GB" *Codelist="ISO">* United Kingdom \</Country>	O R *O*	1	40	string	Country Country as a code *Maintainer of the code list* Country as text
\</Address>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
<Location>xxxx</Location>	O	1	40	string	Location within the address
<Contact>	O	*			Consignee contact(s)
<Name>xxxx</Name>	O	1	40	string	Contact name
<Department>xxxx</Department>	O	1	40	string	Contact department
<InternalAddress>xxxx</InternalAddress>	O	1	40	string	Organisation internal address
<DDI>xxxx</DDI>	O	1	20	string	Direct dial telephone number
<Switchboard>xxxx</Switchboard>	O	1	20	string	Switchboard telephone number
<Fax>xxxx</Fax>	O	1	20	string	Fax number
<Telex>xxxx</Telex>	O	1	20	string	Telex number
<Email>xxxx</Email>	O	1	40	string	Email address
<Mobile>xxxx</Mobile>	O	1	20	string	Mobile telephone number
</Contact>	-	-			End tag
</DeliverTo>	-	-			End tag

Notes

1. It is strongly recommended that the Buyer's code for the location and/or the GLN/DUNS is always supplied.

2. Although it is allowed, it would not be usual to use both free-format address details (AddressLine) and the specific address elements (Street, City etc.) at the same time. It is recommended that they are not mixed.

Example

```
<DeliverTo>
  <DeliverToReferences>
    <BuyersCodeForLocation>LONGSIGHT</BuyersCodeForLocation>
    <GLN>5678901234</GLN>
  </DeliverToReferences>
  <Party>Scribe Stationers - Longsight Depot</Party>
  <Address>
    <Street>12-16 First Avenue</Street>
    <City>Manchester</City>
    <PostCode>M13 5OP</PostCode>
    <Country Code='GB'>United Kingdom</Country>
  </Address>
  <Location>Back Door</Location>
  <Contact>
    <Name>Colin Davies</Name>
    <Department>Goods Inward</Department>
    <InternalAddress>Warehouse</InternalAddress>
    <DDI>0161 357 9246</DDI>
    <Fax>0161 357 9876</Fax>
  </Contact>
</DeliverTo>
```

DeliverFrom

Description: Consignor details.	
Usage: Optional	
Occurs: 0..1	

Element/Attribute	Use	Max	Len	Type	Description
\<DeliverFrom\>					
< DeliverFromReferences>	O	1			Consignor codes
\<SuppliersCodeForLocation\> UML-WFD \</SuppliersCodeForLocation\>	O	1	20	string	Supplier's code for the delivery location (e.g. warehouse town)
\<BuyersCodeForLocation\> WATFORD \</BuyersCodeForLocation\>	O	1	20	string	Buyer's code for the delivery location (e.g. warehouse town)
\<GLN\>50123456543210\</GLN\>	O	1	20	string	Location code (e.g. ANA number)
\<DUNS\>501234565432101\</DUNS\>	O	1	14	string	Dun and Bradstreet company id
\</DeliverFromReferences\>	-	-			End tag
\<Party\>Universal Manufacturing Limited\</Party\>	M	*	40	string	Consignor (company) name
\<Address\>	R	1			Postal address
\<AddressLine\>xxxx\</AddressLine\>	D	*	40	string	Free-format address line
\<Street\>xxxx\</Street\>	D	*	40	string	Street name
\<City\>xxxx\</City\>	D	1	40	string	Town or city
\<State\>xxxx\</State\>	D	1	40	string	County, state, region
\<PostCode\>xxxx\</PostCode\>	D	1	20	string	Postal code
\<Country Code="GB" *Codelist="ISO"*\> United Kingdom \</Country\>	O R *O*	1	40	string	Country Country as a code *Maintainer of the code list* Country as text
\</Address\>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
<Location>xxxx</Location>	O	1	40	string	Location within the address
<Contact>	O	*			Consignee contact(s)
<Name>xxxx</Name>	O	1	40	string	Contact name
<Department>xxxx</Department>	O	1	40	string	Contact department
<InternalAddress>xxxx</InternalAddress>	O	1	40	string	Organisation internal address
<DDI>xxxx</DDI>	O	1	20	string	Direct dial telephone number
<Switchboard>xxxx</Switchboard>	O	1	20	string	Switchboard telephone number
<Fax>xxxx</Fax>	O	1	20	string	Fax number
<Telex>xxxx</Telex>	O	1	20	string	Telex number
<Email>xxxx</Email>	O	1	40	string	Email address
<Mobile>xxxx</Mobile>	O	1	20	string	Mobile telephone number
</Contact>	-	-			End tag
</DeliverFrom>	-	-			End tag

Notes

1. Although it is allowed, it would not be usual to use both free-format address details (AddressLine) and the specific address elements (Street, City etc.) at the same time. It is recommended that they are not mixed.

Example

```
<DeliverFrom>
  <DeliverFromReferences>
    <BuyersCodeForLocation>DIRECT</BuyersCodeForLocation>
  </DeliverToReferences>
  <Party>Universal Manufacturing Limited</Party>
  <Contact>
    <Name>Henry Wood</Name>
    <Department>Despatch</Department>
    <DDI>0121 0987 6543</DDI>
  </Contact>
</DeliverFrom>
```

Carrier

Description: Carrier details.
Usage: Optional
Occurs: 0..1

Element/Attribute	Use	Max	Len	Type	Description
\<Carrier\>					
\<CarrierReferences\>	R	1			Carrier codes
\<BuyersCodeForCarrier\> SUPP0001 \</BuyersCodeForCarrier\>	O	1	20	string	Buyer's code for the Carrier (e.g. an account code)
\<GLN\>50123456543210\</GLN\>	O	1	20	string	Location code (e.g. ANA number)
\<DUNS\>501234565432101\</DUNS\>	O	1	14	string	Dun and Bradstreet company id
\</CarrierReferences\>	-	-			End tag
\<Party\>GoAnywhere Transport International\</Party\>	M	*	40	string	Carrier (company) name
\<Address\>	R	1			Postal address
\<AddressLine\>xxxx\</AddressLine\>	D	*	40	string	Free-format address line
\<Street\>xxxx\</Street\>	D	*	40	string	Street name
\<City\>xxxx\</City\>	D	1	40	string	Town or city
\<State\>xxxx\</State\>	D	1	40	string	County, state, region
\<PostCode\>xxxx\</PostCode\>	D	1	20	string	Postal code
\<Country Code="GB" *Codelist="ISO"*\> United Kingdom \</Country\>	O R *O*	1	40	string	Country Country as a code *Maintainer of the code list* Country as text
\</Address\>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
<Contact>	O	*			Carrier contact(s)
<Name>xxxx</Name>	O	1	40	string	Contact name
<Department>xxxx</Department>	O	1	40	string	Contact department
<InternalAddress>xxxx</InternalAddress>	O	1	40	string	Organisation internal address
<DDI>xxxx</DDI>	O	1	20	string	Direct dial telephone number
<Switchboard>xxxx</Switchboard>	O	1	20	string	Switchboard telephone number
<Fax>xxxx</Fax>	O	1	20	string	Fax number
<Telex>xxxx</Telex>	O	1	20	string	Telex number
<Email>xxxx</Email>	O	1	40	string	Email address
<Mobile>xxxx</Mobile>	O	1	20	string	Mobile telephone number
</Contact>	-	-			End tag
</Carrier>	-	-			End tag

Notes

1. Although it is allowed, it would not be usual to use both free-format address details (AddressLine) and the specific address elements (Street, City etc.) at the same time. It is recommended that they are not mixed.

Example

```
<Carrier>
  <CarrierReferences>
    <BuyersCodeForCarrier>PE-W1</BuyersCodeForCarrier>
    <GLN>34567</GLN>
  </CarrierReferences>
  <Party>Pony Express</Party>
  <Address>
    <Street>12 Palomino Road</Street>
    <City>Warrington</City>
    <State>Cheshire</State>
    <PostCode>WA12 3PE</PostCode>
    <Country Code='GB'>United Kingdom</Country>
  </Address>
  <Contact>
    <Name>Peter Parker</Name>
    <Department>Logistics</Department>
    <DDI>01925 678 9012</DDI>
    <Switchboard>01925 678 9000</Switchboard>
    <Fax>01925 678 9001</Fax>
    <Email>pparker@pe.com</Email>
  </Contact>
</Carrier>
```

InvoiceTo

Description:	Invoicee details.
Usage:	Optional
Occurs:	0..1

Element/Attribute	Use	Max	Len	Type	Description
\<InvoiceTo\>					
\<InvoiceToReferences\>	O	1			Invoicee codes
\<GLN\>50123456543210\</GLN\>	O	1	20	string	Location code (e.g. ANA number)
\<DUNS\>501234565432101\</DUNS\>	O	1	14	string	Dun and Bradstreet company id
\</InvoiceToReferences\>	-	-			End tag
\<Party\>Global Trading Limited\</Party\>	M	*	40	string	Invoicee (company) name
\<Address\>	R	1	40	string	Postal address
\<AddressLine\>xxxx\</AddressLine\>	D	*	40	string	Free-format address line
\<Street\>xxxx\</Street\>	D	*	40	string	Street name
\<City\>xxxx\</City\>	D	1	40	string	Town or city
\<State\>xxxx\</State\>	D	1	40	string	County, state, region
\<PostCode\>xxxx\</PostCode\>	D	1	20	string	Postal code
\<Country Code="GB" *Codelist="ISO"\>* United Kingdom \</Country\>	O R *O*	1	40	string	Country Country as a code *Maintainer of the code list* Country as text
\</Address\>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
<Contact>	O	*			Invoicee (accounts) contact(s)
<Name>xxxx</Name>	O	1	40	string	Contact name
<Department>xxxx</Department>	O	1	40	string	Contact department
<Section>xxxx</Section>	O	1	40	string	Contact section
<UserID>xxxx</UserID>	O	1	20	string	Contact identifier
<InternalAddress>xxxx</InternalAddress>	O	1	40	string	Organisation internal address
<DDI>xxxx</DDI>	O	1	20	string	Direct dial telephone number
<Switchboard>xxxx</Switchboard>	O	1	20	string	Switchboard telephone number
<Fax>xxxx</Fax>	O	1	20	string	Fax number
<Telex>xxxx</Telex>	O	1	20	string	Telex number
<Email>xxxx</Email>	O	1	40	string	Email address
<Mobile>xxxx</Mobile>	O	1	20	string	Mobile telephone number
</Contact>	-	-			End tag
</InvoiceTo>	-	-			End tag

Notes

1. Although it is allowed, it would not be usual to use both free-format address details (AddressLine) and the specific address elements (Street, City etc.) at the same time. It is recommended that they are not mixed.

Example

```
<InvoiceTo>
  <InvoiceToReferences>
    <GLN>50123456543210</GLN>
  </InvoiceToReferences>
  <Party>Scribe Stationers Ltd</Party>
  <Address>
    <Street>Scribe House</Street>
    <Street>Inkwell Road</Street>
    <City>Manchester</City>
    <PostCode>M12 3AB</PostCode>
    <Country Code='GB'>United Kingdom</Country>
  </Address>
  <Contact>
    <Name>Matthew Smith</Name>
    <Department>Accounts</Department>
    <DDI>0161 234 5656</DDI>
    <Switchboard>0161 234 5000</Switchboard>
  </Contact>
</InvoiceTo>
```

OrderLine

Description:	Order line details.				
Usage:	Mandatory				
Occurs:	1..*				

Element/Attribute	Use	Max	Len	Type	Description

<OrderLine
   Action="aaa"
   TypeCode="ttt"
   TypeDescription="dddd"
   TypeCodeList="BASDA">
	M
	O
	O
	O
	O
		*			Order line details
					Add, Change or Delete
					BASDA type code (e.g. GDS)
					Type as text
					Code list maintainer (BASDA)

<LineNumber
    Preserve="true">
     1
  </LineNumber>
	M
	R
		1		integer	Order line number
					Value must be returned in replies

<OrderLineReferences>	O	1			References for this line
<ContractOrderReference> CON00001 </ContractOrderReference>	O	1	20	string	Contract number
<CostCentre>CC1</CostCentre>	O	1	20	string	Cost centre
<GeneralLedgerCode />	*O*	*1*			*See eBIS-XML specification*

<BuyersOrderLineReference>
    Preserve="true">
     1
    </BuyersOrderLineReference>
	O
	O
		1			Buyer's reference to this order line
					Send value back in replies

<ProjectCode />	*O*	*1*			*See eBIS-XML specification*
<ProjectAnalysisCode />	*O*	*1*			*See eBIS-XML specification*
</OrderLineReferences>	-	-			End tag
ANY					See following section

Element/Attribute	Use	Max	Len	Type	Description
<Product>	R	*			Product codes etc.
<SuppliersProductCode> PR-00001 </SuppliersProductCode>	D	1	20	string	Supplier's own product code
<BuyersProductCode> BPR-00001 </BuyersProductCode>	D	1	20	string	Buyer's own product code
<TradedUnitCode> 5012345654321 </TradedUnitCode>	D	1	20	string	Product code for the traded unit (e.g. EAN-13 bar code)
<ConsumerUnitCode> 5012312312321 </ConsumerUnitCode>	O	1	20	string	Product code for the consumer unit (e.g. EAN-13 bar code)
<Description>Box of 50 BIC pens</Description>	D	1	80	string	Description of the item
<Properties>	O	1			Product Properties
. . .					See following section
</Properties>	-	-			End tag
</Product>	-	-			End tag
<Quantity UOMCode="UUU" UOMDescription="eeeeee" UOMCodelist="ISO">	R	1			Quantity information
<Packsize>xxxx</Packsize>	O	1	20	string	Details of quantity in a pack
<Amount>xxxx</Amount>	R	1		float	The number of traded units
</Quantity>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description

<Price
    UOMCode="UUU"
    UOMDescription="eeeeee"
    UOMCodelist="ISO">
	O	*			Price information

<Units>10</Units>	O	1			Quantity for the price below
<UnitPrice>25.00</UnitPrice>	M	1			Price for the above quantity
<SpecialPriceDescription> xxxx </SpecialPriceDescription>	O	1			Details if there is a special price
</Price>	-	-			End tag
<PercentDiscount>	O	*			Discount as a percentage

<Type
    Code="TRD"
    Codelist="BASDA">
        Trade Discount
</Type>
	O
	O
	O
		1		string	Discount type
					Discount type as a code
					Maintainer of the code list (default = BASDA)
					Discount type as text

<Percentage>10</Percentage>	M	1		float	Discount percentage
</PercentDiscount>	-	-			End tag
<AmountDiscount>	O	*			Discount as an amount

<Type
    Code="TRD"
    Codelist="BASDA">
        Trade Discount
</Type>
	O
	O
	O
		1		string	Discount type
					Discount type as a code
					Maintainer of the code list (default = BASDA)
					Discount type as text

<Amount>25.00</Amount>	M	1		float	Discount amount
</AmountDiscount>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
<LineTax>	O	1			Tax details for this order line
<MixedRateIndicator>1</MixedRateIndicator>	O	1		string	Mixed tax rate indicator

<TaxRate
   Code="S"
   Codelist="BASDA">
   17.5
</TaxRate>
	M
	M
	O
		1		float	Tax rate
					Tax rate as a code
					Maintainer of the code list
					Tax rate percentage

<TaxValue>12.50</TaxValue>	O	1		float	Tax amount

<TaxRef
   Code="xxx"
   Codelist="zzz">
   xxxx
</TaxRef>
	O	1	20	string	Tax reference

</LineTax>	-	-			End tag
<LineTotal>125.84</LineTotal>	O	1		float	Total line value
<Delivery>	O	*			Scheduled delivery details
. . .					See previous section (header level)
</Delivery>	-	-			End tag
<OrderLineInformation>xxxx</OrderLineInformation>	O	*	80	string	Order line information (text)
<ExtendedDescription>xxxx</ExtendedDescription>	O	*	80	string	Long description/specification
<Narrative>xxxx</Narrative>	O	*	80	string	Other order line information (text)
</OrderLine>	-	-			End tag

Notes

1. It is strongly recommended that some form of product code is supplied unless the order line is for something other than a product (e.g. quality certificate for an item), in which case the description on its own will suffice. For further explanation of the contents of the product code elements under Product, see the discussion on this topic in the Business Rules section of this document.

2. For an explanation of the contents of the elements under Quantity and Price, see the discussion on quantities and prices in the Business Rules section of this document.

3. If present, LineTotal should contain the total line value including any line discount but excluding tax.

Example

```xml
<OrderLine TypeDescription='Goods &amp; Services' Action='Add' TypeCode='GDS'>
  <LineNumber Preserve='true'>1</LineNumber>
  <OrderLineReferences>
    <ContractOrderReference>C2002/0001</ContractOrderReference>
    <CostCentre>CC02</CostCentre>
  </OrderLineReferences>
  <Product>
    <SuppliersProductCode>SS50125</SuppliersProductCode>
    <BuyersProductCode>SCR-52105</BuyersProductCode>
    <TradedUnitCode>5016192986730</TradedUnitCode>
    <ConsumerUnitCode>5016192986741</ConsumerUnitCode>
    <Description>A4 Conference folder (25 pack)</Description>
    <Properties>
      <Length UOMDescription='Centimetre' UOMCode='CMT'>31</Length>
      <Width UOMDescription='Centimetre' UOMCode='CMT'>22</Width>
      <Color>Blue</Color>
    </Properties>
  </Product>
  <Quantity UOMDescription='Piece' UOMCode='PCE'>
    <Packsize>Pack of 25</Packsize>
    <Amount>50</Amount>
  </Quantity>
  <Price UOMDescription='Pack' UOMCode='PCK'>
    <Units>1</Units>
    <UnitPrice>1.50</UnitPrice>
  </Price>
  <LineTotal>75.00</LineTotal>
  <Delivery>
    <PreferredDate>2002-10-31</PreferredDate>
  </Delivery>
  <Narrative>As per our telephone conversation</Narrative>
</OrderLine>
```

ANY (Order Line Level)

Description: Other documents/references that are relevant to the order line. (See the note about "ANY Sections" on page 2.)	
Usage: Optional	
Occurs: 0..1	

Element/Attribute	Use	Max	Len	Type	Description
<OP:AdditionalOrderLineReferences xmlns:OP="urn:schemas-bossfed-co-uk:OP-Order-v1">	O M	1			Envelope for additional references

<OP:OrderLineReference
    ReferenceType="AAA"
    ReferenceDesc="Bbbb Bbbbb">
	M
	R
	O
		*			Individual reference
					Type of reference as a code (list)
					Type of reference in words

<OP:Reference>XXXX</OP:Reference>	M	1	40	string	The reference itself
<OP:ReferenceDate> yyyy-mm-dd </OP:ReferenceDate>	O	1		date or dateTime	The date (and time) of the reference/document
</OP:OrderLineReference>	-	-			End tag
</OP:AdditionalOrderLineReferences>	-	-			End tag

Notes

1. The namespace declaration is mandatory for all elements included in the ANY section of an eBIS-XML message and it applies to all child elements and attributes within the outer tag (AdditionalOrderLineReferences).

Example

```
<OP:AdditionalOrderLineReferences xmlns:OP="urn:schemas-bossfed-co-uk:OP-Order-v1">
  <OP:OrderLineReference ReferenceDesc="Specification">
    <OP:Reference>SPEC1234/2002</OP:Reference>
    <OP:ReferenceDate>2002-07-30</OP:ReferenceDate>
  </OP:OrderLineReference>
</OP:AdditionalOrderLineReferences>
```

Description: Additional dates and/or times that are relevant to the order line. (See the note about "ANY Sections" on page 2.)	
Usage: Optional	
Occurs: 0..1	

Element/Attribute	Use	Max	Len	Type	Description
<OP:AdditionalOrderLineDates xmlns:OP="urn:schemas-bossfed-co-uk:OP-Order-v1">	O M	1			Envelope for additional dates and/or times

<OP:OrderLineDateTime
     DateTimeType="AAA"
     DateTimeDesc="Bbbb Bbbbb">
       yyyy-mm-dd
   </OP:OrderLineDateTime>
	M
	R
	O
		*		date, time or
				dateTime
					Individual date/time
					Type of date/time as a code (list)
					Type of date/time in words
					Date, time or date+time

</OP:AdditionalOrderLineDates>	-	-			End tag

Notes

1. The namespace declaration is mandatory for all elements included in the ANY section of an eBIS-XML message and it applies to all child elements and attributes within the outer tag (AdditionalOrderLineDates).

Example

```
<OP:AdditionalOrderLineDates xmlns:OP="urn:schemas-bossfed-co-uk:OP-Order-v1">
  <OP:OrderLineDateTime DateTimeDesc="Earliest Time for Delivery">10:30:00</OP:OrderLineDateTime>
  <OP:OrderLineDateTime DateTimeDesc="Latest Time for Delivery">15:00:00</OP:OrderLineDateTime>
</OP:AdditionalOrderLineDates>
```

Description: Additional text that is relevant to the order line.
Usage: Optional
Occurs: 0..1

Element/Attribute	Use	Max	Len	Type	Description
<OP:AdditionalOrderLineText xmlns:OP="urn:schemas-bossfed-co-uk:OP-Order-v1">	O M	1			Envelope for additional text

<OP:OrderLineText
     TextType="AAA"
     TextDesc="Bbbb Bbbbb">
       Here is some text
   </OP:OrderLineText>
	M
	R
	O
		*		string	Individual text item
					Type of text as a code (list)
					Type of text in words

</OP:AdditionalOrderLineText>	-	-			End tag

Notes

1. The namespace declaration is mandatory for all elements included in the ANY section of an eBIS-XML message and it applies to all child elements and attributes within the outer tag (AdditionalOrderLineText).

Example

```
<OP:AdditionalOrderLineText xmlns:OP="urn:schemas-bossfed-co-uk:OP-Order-v1">
  <OP:OrderLineText TextDesc="Legal Information">Terms and conditions are as specified in the contract</OP:OrderLineText>
</OP:AdditionalOrderLineText>
```

Properties

Description: Product properties - e.g. dimensions, weight, colour etc.	
Usage: Optional	
Occurs: 0..1	

Element/Attribute	Use	Max	Len	Type	Description
<Properties>					

<Quantity
  UOMDescription="eeeeee"
  UOMCode="UUU"
  UOMCodelist="ISO">
	O
	O
	O
	O
		1			Quantity information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer

<Packsize>xxxx</Packsize>	O	1	20	string	Details of quantity in a pack
<Amount>xxxx</Amount>	O	1		float	The number of traded units
</Quantity>	-	-			End tag

<Length
  UOMDescription="eeeeee"
  UOMCode="UUU"
  UOMCodelist="ISO">
   20
</Length>
	O
	O
	O
	O
		1		float	Length information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

<Width
  UOMDescription="eeeeee"
  UOMCode="UUU"
  UOMCodelist="ISO">
   20
</Width>
	O
	O
	O
	O
		1		float	Width information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

<Depth
  UOMDescription="eeeeee"
  UOMCode="UUU"
  UOMCodelist="ISO">
   20
</Depth>
	O
	O
	O
	O
		1		float	Depth information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

Element/Attribute	Use	Max	Len	Type	Description

<Weight
   UOMDescription="eeeeee"
   UOMCode="UUU"
   UOMCodelist="ISO">
     20
</Weight>
	O
	O
	O
	O
		1		float	Weight information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

<Volume
   UOMDescription="eeeeee"
   UOMCode="UUU"
   UOMCodelist="ISO">
     20
</Volume>
	O
	O
	O
	O
		1		float	Volume information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

<Height
   UOMDescription="eeeeee"
   UOMCode="UUU"
   UOMCodelist="ISO">
     20
</Height>
	O
	O
	O
	O
		1		float	Height information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

<Size
   UOMDescription="eeeeee"
   UOMCode="UUU"
   UOMCodelist="ISO">
     20
</Size>
	O
	O
	O
	O
		1		float	Size information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

<Color
   UOMDescription="eeeeee"
   UOMCode="UUU"
   UOMCodelist="ISO">
     20
</Color>
	O
	O
	O
	O
		1		float	Colour information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

Element/Attribute	Use	Max	Len	Type	Description

<Other
   Description="dddddddd"
   UOMDescription="eeeeee"
   UOMCode="UUU"
   UOMCodelist="ISO">
     20
  </Other>
	O
	M
	O
	O
	O
		*		string	Other property information
					Description/name of property
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

</Properties>	-	-			End tag

Notes

1. As the Packsize element at line level is purely descriptive, the Quantity element could be used if it was desired to emphasise the number of items in a traded unit (e.g. if clear A4 pockets come in packs of 25).

2. Weight can be either net weight or gross weight. If both are desired, the <Other> property element may be used.

3. Note the American spelling of the "Color" property.

Example

```
<Properties>
  <Length UOMDescription='Metre' UOMCode='MTR'>2</Length>
  <Width UOMDescription='Centimeters' UOMCode='CMT'>50</Width>
  <Depth UOMDescription='Millimeters' UOMCode='MMT'>20</Depth>
  <Weight UOMDescription='Kilograms' UOMCode='KGM'>2</Weight>
  <Volume UOMDescription='Litres' UOMCode='LTR'>27</Volume>
  <Height UOMDescription='Meter' UOMCode='MTR'>9</Height>
  <Size UOMDescription='Inches' UOMCode='INC'>9</Size>
  <Color>Light Oak</Color>
  <Other Description="Pallet Percentage" UOMCode="PCT">25</Other>
</Properties>
```

PercentDiscount (Order header level)

Description:	Discount as a percentage.
Usage:	Optional
Occurs:	0..*

Element/Attribute	Use	Max	Len	Type	Description
<PercentDiscount>					Discount as a percentage

<Type
    Code="TRD"
    Codelist="BASDA">
      Trade Discount
  </Type>
	O
	O
	O
		1		string	Discount type
					Discount type as a code
					Maintainer of the code list (default = BASDA)
					Discount type as text

<Percentage>10</Percentage>	M	1		float	Discount percentage
</PercentDiscount>	-	-			End tag

Example

```
<PercentDiscount>
  <Type Code='VOD'>Volume Discount</Type>
  <Percentage>5</Percentage>
</PercentDiscount>
```

AmountDiscount (Order header level)

Description: Discount as an amount.	
Usage: Optional	
Occurs: 0..*	

Element/Attribute	Use	Max	Len	Type	Description
<AmountDiscount>					Discount as an amount

<Type
      Code="TRD"
      Codelist="BASDA">
        Trade Discount
   </Type>
	O
	O
	O
		1		string	Discount type
					Discount type as a code
					Maintainer of the code list (default = BASDA)
					Discount type as text

<Amount>25.00</Amount>	M	1		float	Discount amount
</AmountDiscount>	-	-			End tag

Example

```
<AmountDiscount>
  <Type Code='TRD'>Trade Discount</Type>
  <Amount>2.5</Amount>
</AmountDiscount>
```

SpecialInstructions (Order header level)

Description:	Special instructions for the whole order.
Usage:	Optional
Occurs:	0..*

Element/Attribute	Use	Max	Len	Type	Description
<SpecialInstructions>xxxx</SpecialInstructions>			80	string	Special order instructions

Example

```
<SpecialInstructions>Please split the delivery</SpecialInstructions>
```

Narrative (Order header level)

Description:	The date and time that this order was created.
Usage:	Optional
Occurs:	0..*

Element/Attribute	Use	Max	Len	Type	Description
<Narrative>xxxx</Narrative>			80	string	Other order information (text)

Example

```
<Narrative>Please no knots in the oak panels</Narrative>
```

Settlement

As this element is not really relevant in this context, it is not described here. Full details of this element and its contents may be obtained from the BASDA eBIS-XML schema documentation, if required.

OrderTotal

Description: Total amounts for the order
Usage: Optional
Occurs: 0..1

Element/Attribute	Use	Max	Len	Type	Description
\<OrderTotal\>					Total values
\<GoodsValue\>1542.65\</GoodsValue\>	O	1		float	Total of the goods line values
\<FreightCharges\>15.00\</FreightCharges\>	O	1		float	Freight charges (if any)
\<MiscCharges\>2.50\</MiscCharges\>	O	1		float	Other charges (if any)
\<TaxTotal\>270.40\</TaxTotal\>	O	1		float	Tax amount payable
\<GrossValue\>1830.55\</GrossValue\>	O	1		float	Grand total including tax
\</OrderTotal\>	-	-			End tag

Example

```
<OrderTotal>
  <GoodsValue>1542.65</GoodsValue>
  <FreightCharges>15.00</FreightCharges>
  <MiscCharges>2.50</MiscCharges>
  <TaxTotal>270.40</TaxTotal>
  <GrossValue>1830.55</GrossValue>
</OrderTotal>
```

Order Response

Element	Use	Max	Description
OrderResponse	M	1	Root element
OrderResponseHead	M	1	Order header details such as order response type, currency etc.
OrderResponseReferences	O	1	Order references such as Buyer's order number, contract reference etc.
ANY	O	-	Header-level extension area (not validated by the standard schema)
OrderResponseDate	M	1	The date of the Order Response
OriginalOrderDate	O	1	The date of the original Purchase Order
Supplier	M	1	Supplier details
Buyer	R	1	Buyer details
Delivery	O	*	Delivery details including the delivery location, delivery date etc.
InvoiceTo	O	1	Invoicee details
OrderResponseLine	M	*	Order line details
LineNumber	M	1	Order line number
OriginalLineNumber	O	1	Original order line number
Status	O	1	Line status (out of stock, discontinued etc.)
OrderResponseLineReferences	O	1	Line references
ANY	O	-	Line-level extension area (not validated by the standard schema)
Product	O	*	Product details - e.g. product codes, description etc.
Quantity	O	1	Quantity details
OriginalQuantity	O	1	Original quantity details (if different)
Price	O	*	Price details
OriginalPrice	O	*	Original price details (if different)
PercentDiscount	O	*	Discount as a percentage
AmountDiscount	O	*	Discount as an amount
LineTax	O	1	Tax details
LineTotal	O	1	Total line value
Delivery	O	*	Line-level delivery information
OrderLineInformation	O	*	Text associated with the order line
ExtendedDescription	O	*	Long product description - e.g. full specification
Narrative	O	*	Other text
PercentDiscount	O	*	Discount as a percentage
AmountDiscount	O	*	Discount as an amount
SpecialInstructions	O	*	Special instructions for the order response
Narrative	O	*	Header-level text
Settlement	*O*	*1*	*Payment details*
OrderResponseTotal	O	1	Total amounts

OrderResponseHead

Description: Information on the layout and content of the Order Response such as schema, stylesheet, precision of decimal numbers, order type, currency and a checksum.	
Usage: Mandatory	
Occurs: 1..1	

Element/Attribute	Use	Max	Len	Type	Description
<OrderResponseHead>					Envelope for header information
<Schema>	M	1			Details of the schema
<Version>3.05</Version>	M	1		string	Version number of the schema (must be 3.05 or above)
</Schema>	-	-			End tag
<Stylesheet />	O	*1*			*See eBIS-XML specification*
<Parameters>	M	1			Parameters for the order
<Language>en-GB</Language>	M	1		string	Language (see Notes)
<DecimalSeparator>.</DecimalSeparator>	M	1		enumeration	Decimal separator character (. or ,)
<Precision>12.3</Precision>	M	1		float	Maximum precision of decimal values = number of digits before and after the decimal separator
</Parameters>	-	-			End tag
<OriginatingSoftware />	O	*1*			*See eBIS-XML specification*
<TestFlag />	O	*1*			*See eBIS-XML specification*

<OrderResponseType
    Code="POR"
    Codelist="BASDA">
      Full Response
  </OrderResponseType>
	M
	R
	O
		1		string	Order response type
					Order response type as a code
					Maintainer of the code list
					Order response type as text

<Function />	O	*1*			*See eBIS-XML specification*

Element/Attribute	Use	Max	Len	Type	Description
<OrderCurrency>	M	1			Currency of amounts in the order
<Currency Code="GBP" *Codelist="ISO">* Pounds Sterling </Currency>	M R *O*	1		string	Order currency Currency as a code *Maintainer of the code list* Currency as text
<AlternateCurrency />	*O*	*1*			*See eBIS-XML specification*
<Rate />	*O*	*1*			*See eBIS-XML specification*
</OrderCurrency>	-	-			End tag
<InvoiceCurrency />	*O*	*1*			*See eBIS-XML specification*
<Checksum>1234</Checksum>	M	1		integer	Checksum (see notes)
</OrderResponseHead>	-	-			End tag

Notes

1. The language is specified as a two-character ISO 639 code (lower case) optionally followed by a dash and an ISO 3166 country code in upper case to denote a variant of the base language - e.g. "en-GB", "fr".

2. The order response types are listed in the eBIS-XML code lists document.

3. It is strongly recommended that the currency is always specified as an ISO code.

4. The checksum is the last five digits of the greatest integer less than or equal to the absolute value given by the following equation:

```
(year + 13 x day - 7 x sum(line_number x line_quantity)) x
(month + 17 x lines + 5 x total)
```

where **year**, **month** and **day** are taken from OrderResponseDate, **lines** is the number of OrderResponseLine elements, and **total** is the value of the OrderResponseTotal/GoodsValue element. Finally, **sum(line_number x line_quantity)** is the sum over each OrderResponseLine of the LineNumber multiplied by the value in the Quantity/Amount element. Any optional values that are not supplied in the message should be given a value of zero for the calculation.

Example

```
<OrderResponseHead>
  <Schema>
    <Version>3.04</Version>
  </Schema>
  <Parameters>
    <Language>en-GB</Language>
    <DecimalSeparator>.</DecimalSeparator>
    <Precision>20.3</Precision>
  </Parameters>
  <OrderResponseType Code='POR'>Full Acknowledgement</OrderResponseType>
  <OrderCurrency>
    <Currency Code='GBP'>GB Pounds Sterling</Currency>
  </OrderCurrency>
  <Checksum>50099</Checksum>
</OrderResponseHead>
```

OrderResponseReferences

Description: Documents and references that are relevant to the order.	
Usage: Recommended	
Occurs: 0..1	

Element/Attribute	Use	Max	Len	Type	Description
<OrderResponseReferences>					
<OrderResponseNumber>R</OrderResponseNumber>	O	1		string	Reference for this Order Response
<ContractOrderReference>X</ContractOrderReference>	O	1		string	Contract number
<CostCentre>CC1</CostCentre>	O	1		string	Cost centre

<BuyersOrderNumber
    Preserve="true">
      PO123456
  </BuyersOrderNumber>
	R
	R
		1	20	string	Original order number (Buyer)
					Send value back in replies
					Order number value

<Department />	*O*	*1*			*See eBIS-XML specification*
<GeneralLedgerCode />	*O*	*1*			*See eBIS-XML specification*
<ProjectCode />	*O*	*1*			*See eBIS-XML specification*
<ProjectAnalysisCode />	*O*	*1*			*See eBIS-XML specification*

<SuppliersOrderReference
    Preserve="true">
      SO654321
  </SuppliersOrderReference>
	O
	N
		1	20	string	Order number (Supplier)
					Send value back in replies
					Order number value

<CrossReference />	*O*	*1*		*string*	*See eBIS-XML specification*
<ResponseTo />	*O*	*1*		*string*	*See eBIS-XML specification*
<BatchNumber>1234</BatchNumber>	O	1	10	integer	Batch number, if relevant
</OrderResponseReferences>	-	-			End tag

Notes

1.   It is strongly recommended that the Buyer's order number is always supplied.

Example

```
<OrderResponseReferences>
  <OrderResponseNumber>SO654321-1</OrderResponseNumber>
  <BuyersOrderNumber Preserve='true'>PO123456</BuyersOrderNumber>
  <SuppliersOrderReference Preserve='true'>SO654321</SuppliersOrderReference>
</OrderResponseReferences>
```

ANY (Order Response Header Level)

Description: Other documents and references that are relevant to the order response. (See the note about "ANY Sections" on page 2.)
Usage: Optional
Occurs: 0..1

Element/Attribute	Use	Max	Len	Type	Description

<OP:AdditionalOrderResponseReferences
    xmlns:OP=
        "urn:schemas-bossfed-co-uk:OP-OrderResponse-v1">
	O
	M
		1			Envelope for additional references

<OP:OrderResponseReference
    ReferenceType="AAA"
    ReferenceDesc="Bbbb Bbbbb">
	M
	R
	O
		*			Individual reference
					Type of reference as a code (list)
					Type of reference in words

<OP:Reference>XXXX</OP:Reference>	M	1	40	string	The reference itself
<OP:ReferenceDate> yyyy-mm-dd </OP:ReferenceDate>	O	1		date or dateTime	The date (and time) of the reference/document
</OP:OrderResponseReference>	-	-			End tag
</OP:AdditionalOrderResponseReferences>	-	-			End tag

Notes

1. The namespace declaration is mandatory for all elements included in the ANY section of an eBIS-XML message and it applies to all child elements and attributes within the outer tag (AdditionalOrderResponseReferences).

Example

```
<OP:AdditionalOrderResponseReferences xmlns:OP="urn:schemas-bossfed-co-uk:OP-OrderResponse-v1">
  <OP:OrderResponseReference ReferenceType="EXP" ReferenceDesc="Export">
    <OP:Reference>EXP-0001/23</OP:Reference>
    <OP:ReferenceDate>2002-07-30</OP:ReferenceDate>
  </OP:OrderResponseReference>
</OP:AdditionalOrderResponseReferences>
```

Description:	Additional dates and/or times that are relevant to the order response. (See the note about "ANY Sections" on page 2.)
Usage:	Optional
Occurs:	0..1

Element/Attribute	Use	Max	Len	Type	Description

<OP:AdditionalOrderResponseDates
    xmlns:OP=
       "urn:schemas-bossfed-co-uk:OP-OrderResponse-v1">
	O
	M
		1			Envelope for additional dates and/or times

<OP:OrderResponseDateTime
    DateTimeType="AAA"
    DateTimeDesc="Bbbb Bbbbb">
       yyyy-mm-dd
    </OP:OrderResponseDateTime>
	M
	R
	O
		*		date, time or
				dateTime
					Individual date/time
					Type of date/time as a code (list)
					Type of date/time in words
					Date, time or date+time

</OP:AdditionalOrderResponseDates>	-	-			End tag

Notes

1. The namespace declaration is mandatory for all elements included in the ANY section of an eBIS-XML message and it applies to all child elements and attributes within the outer tag (AdditionalOrderResponseDates).

Example

```
<OP:AdditionalOrderResponseDates xmlns:OP="urn:schemas-bossfed-co-uk:OP-OrderResponse-v1">
  <OP:OrderResponseDateTime DateTimeDesc="Earliest Time for Delivery">10:30:00</OP:OrderResponseDateTime>
  <OP:OrderResponseDateTime DateTimeDesc="Latest Time for Delivery">15:00:00</OP:OrderResponseDateTime>
</OP:AdditionalOrderResponseDates>
```

Description: Additional text that is relevant to the order response. (See the note about "ANY Sections" on page 2.)					
Usage: Optional					
Occurs: 0..1					

Element/Attribute	Use	Max	Len	Type	Description

\<OP:AdditionalOrderResponseText
   xmlns:OP=
     "urn:schemas-bossfed-co-uk:OP-OrderResponse-v1">
	O
	M
		1			Envelope for additional text

\<OP:OrderResponseText
     TextType="AAA"
     TextDesc="Bbbb Bbbbb">
       Here is some text
   \</OP:OrderResponseText>
	M
	R
	O
		*		string	Individual text item
					Type of text as a code (list)
					Type of text in words

\</OP:AdditionalOrderText>	-	-			End tag

Notes

1. The namespace declaration is mandatory for all elements included in the ANY section of an eBIS-XML message and it applies to all child elements and attributes within the outer tag (AdditionalOrderResponseText).

Example

```
<OP:AdditionalOrderResponseText xmlns:OP="urn:schemas-bossfed-co-uk:OP-OrderResponse-v1">
  <OP:OrderResponseText TextDesc="Legal Information">Terms and conditions are as specified in the contract</OP:OrderResponseText>
</OP:AdditionalOrderResponseText>
```

OrderResponseDate

Description: The date and time that this order response was created.
Usage: Mandatory
Occurs: 1..1

Element/Attribute	Use	Max	Len	Type	Description
\<OrderResponseDate\> 2002-08-06T10:25:42 \</OrderResponseDate\>	M	1		dateTime	Date and time order response was created

Example

```
<OrderResponseDate>2002-08-06T10:25:42</OrderResponseDate>
```

OriginalOrderDate

Description: The date and time that the original purchase order was created.
Usage: Optional
Occurs: 1..1

Element/Attribute	Use	Max	Len	Type	Description
\<OriginalOrderDate\> 2002-07-06T10:25:42 \</OriginalOrderDate\>	M	1		dateTime	Date and time original order was created

Example

```
<OriginalOrderDate>2002-07-06T10:25:42</OriginalOrderDate>
```

Supplier

Description: Supplier details.					
Usage: Mandatory					
Occurs: 1..1					

Element/Attribute	Use	Max	Len	Type	Description
\<Supplier\>					
\<SupplierReferences\>	R	1			Supplier codes
\<BuyersCodeForSupplier\> SUPP0001 \</BuyersCodeForSupplier\>	D	1	20	string	Buyer's code for the Supplier (e.g. an account code)
\<TaxNumber\>123456789\</TaxNumber\>	O	1	20	string	Tax registration number (e.g. VAT)
\<GLN\>50123456543210\</GLN\>	D	1	20	string	Location code (e.g. ANA number)
\<DUNS\>501234565432101\</DUNS\>	D	1	14	string	Dun and Bradstreet company id
\</SupplierReferences\>	-	-			End tag
\<Party\>Global Trading Limited\</Party\>	M	*	40	string	Supplier (company) name
\<Address\>	R	1			Postal address
\<AddressLine\>xxxx\</AddressLine\>	D	*	40	string	Free-format address line
\<Street\>xxxx\</Street\>	D	*	40	string	Street name
\<City\>xxxx\</City\>	D	1	40	string	Town or city
\<State\>xxxx\</State\>	D	1	40	string	County, state, region
\<PostCode\>xxxx\</PostCode\>	D	1	16	string	Postal code
\<Country Code="GB" *Codelist="ISO"\>* United Kingdom \</Country\>	O R *O*	1	40	string	Country Country as a code *Maintainer of the code list* Country as text
\</Address\>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
<Contact>	O	*			Supplier contact(s)
<Name>xxxx</Name>	O	1	40	string	Contact name
<Department>xxxx</Department>	O	1	40	string	Contact department
<InternalAddress>xxxx</InternalAddress>	O	1	40	string	Organisation internal address
<DDI>xxxx</DDI>	O	1	20	string	Direct dial telephone number
<Switchboard>xxxx</Switchboard>	O	1	20	string	Switchboard telephone number
<Fax>xxxx</Fax>	O	1	20	string	Fax number
<Telex>xxxx</Telex>	O	1	20	string	Telex number
<Email>xxxx</Email>	O	1	40	string	Email address
<Mobile>xxxx</Mobile>	O	1	20	string	Mobile telephone number
</Contact>	-	-			End tag
</Supplier>	-	-			End tag

Notes

1. It is strongly recommended that the Buyer's code for the Supplier and/or the GLN/DUNS is always supplied.

2. Although it is allowed, it would not be usual to use both free-format address details (AddressLine) and the specific address elements (Street, City etc.) at the same time. It is recommended that they are not mixed.

Example

```
<Supplier>
  <SupplierReferences>
    <BuyersCodeForSupplier>STATSUPP</BuyersCodeForSupplier>
    <GLN>5012345654321</GLN>
  </SupplierReferences>
  <Party>Stationery Supply Company Ltd.</Party>
  <Address>
    <Street>Unit 2, First Avenue</Street>
    <Street>Universal Trading Estate</Street>
    <City>Reading</City>
    <State>Berks</State>
    <PostCode>RG1 1XX</PostCode>
    <Country Code='GB'>United Kingdom</Country>
  </Address>
</Supplier>
```

Buyer

Description: Buyer details.	
Usage: Recommended	
Occurs: 0..1	

Element/Attribute	Use	Max	Len	Type	Description
\<Buyer\>					
\<BuyerReferences\>	R	1			Buyer codes
\<SuppliersCodeForBuyer\> SUPP0001 \</SuppliersCodeForBuyer\>	D	1	20	string	Supplier's code for the Buyer (e.g. an account code)
\<BuyersCodeForBuyer\>BY\</BuyersCodeForBuyer\>	O	1	20	string	Buyer's code for the Buyer
\<TaxNumber\>123456789\</TaxNumber\>	O	1	20	string	Tax registration number (e.g. VAT)
\<GLN\>50123456543210\</GLN\>	D	1	20	string	Location code (e.g. ANA number)
\<DUNS\>501234565432101\</DUNS\>	D	1	14	string	Dun and Bradstreet company id
\<Organisation\>ORG00001\</Organisation\>	O	1	20	string	Organisation
\</BuyerReferences\>	-	-			End tag
\<Party\>Global Trading Limited\</Party\>	M	*			Buyer (company) name
\<Address\>	R	1			Postal address
\<AddressLine\>xxxx\</AddressLine\>	D	*	40	string	Free-format address line
\<Street\>xxxx\</Street\>	D	*	40	string	Street name
\<City\>xxxx\</City\>	D	1	40	string	Town or city
\<State\>xxxx\</State\>	D	1	40	string	County, state, region
\<PostCode\>xxxx\</PostCode\>	D	1	20	string	Postal code
\<Country Code="GB" *Codelist="ISO"*\> United Kingdom \</Country\>	O R *O*	1	40	string	Country Country as a code *Maintainer of the code list* Country as text
\</Address\>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
<Contact>	O	*			Buyer contact(s)
<Name>xxxx</Name>	O	1	40	string	Contact name
<Department>xxxx</Department>	O	1	40	string	Contact department
<Section>xxxx</Section>	O	1	40	string	Contact section
<UserID>xxxx</UserID>	O	1	20	string	Contact identifier
<InternalAddress>xxxx</InternalAddress>	O	1	40	string	Organisation internal address
<DDI>xxxx</DDI>	O	1	20	string	Direct dial telephone number
<Switchboard>xxxx</Switchboard>	O	1	20	string	Switchboard telephone number
<Fax>xxxx</Fax>	O	1	20	string	Fax number
<Telex>xxxx</Telex>	O	1	20	string	Telex number
<Email>xxxx</Email>	O	1	40	string	Email address
<Mobile>xxxx</Mobile>	O	1	20	string	Mobile telephone number
</Contact>	-	-			End tag
</Buyer>	-	-			End tag

Notes

1. It is strongly recommended that the Supplier's code for the Buyer and/or the GLN/DUNS is always supplied.

2. Although it is allowed, it would not be usual to use both free-format address details (AddressLine) and the specific address elements (Street, City etc.) at the same time. It is recommended that they are not mixed.

Example

```
<Buyer>
  <BuyerReferences>
    <SuppliersCodeForBuyer>SCRIBE</SuppliersCodeForBuyer>
    <TaxNumber>GB987654321</TaxNumber>
    <GLN>5012345678901</GLN>
  </BuyerReferences>
  <Party>Scribe Stationers Ltd</Party>
  <Address>
    <Street>Scribe House</Street>
    <Street>Inkwell Road</Street>
    <City>Manchester</City>
    <PostCode>M12 3AB</PostCode>
    <Country Code='GB'>United Kingdom</Country>
  </Address>
  <Contact>
    <Name>Peter Jones</Name>
    <Department>Purchasing</Department>
    <InternalAddress>Room 2</InternalAddress>
    <DDI>0161 234 5678</DDI>
    <Switchboard>0161 234 5000</Switchboard>
    <Fax>0161 235 7890</Fax>
    <Email>peter.jones@scribe.co.uk</Email>
    <Mobile>07957 34567</Mobile>
  </Contact>
</Buyer>
```

Page 73

Delivery

Description: Delivery details. Note: This element appears at both header and line level.					
Usage: Optional					
Occurs: 0..*					

Element/Attribute	Use	Max	Len	Type	Description
<Delivery>					
<DeliverTo>	O	1			Consignee details
. . .					See following section
</DeliverTo>	-	-			End tag
<DeliverFrom>	O	1			Consignor details
. . .					See following section
</DeliverFrom>	-	-			End tag
<Carrier>	O	1			Carrier details
. . .					See following section
</Carrier>	-	-			End tag

<Quantity
    UOMCode="UUU"
    UOMDescription="eeeeee"
    UOMCodelist="ISO">
	O	1			Quantity information

<Packsize>xxxx</Packsize>	O	1	20	string	Details of quantity in a pack
<Amount>xxxx</Amount>	O	1		float	The number of traded units
</Quantity>	-	-			End tag
<EarliestAcceptableDate> yyyy-mm-dd </EarliestAcceptableDate>	O	1		date or dateTime	Earliest date (and time) of delivery
<LatestAcceptableDate> yyyy-mm-dd </LatestAcceptableDate>	O	1		date or dateTime	Latest date (and time) of delivery

Element/Attribute	Use	Max	Len	Type	Description
<PreferredDate>yyyy-mm-dd</PreferredDate>	O	1		date	Preferred date of delivery
<SpecialInstructions>xxxx</SpecialInstructions>	O	*	80	string	Special order instructions
<DeliveryInformation>xxxx</DeliveryInformation>	O	*	80	string	Delivery information (text)
<Narrative>xxxx</Narrative>	O	*	80	string	Other delivery information (text)
</Delivery>	-	-			End tag

Notes

1. For an explanation of the contents of the elements Packsize and Amount, see the discussion on quantities and prices in the Business Rules section of this document.

2. Dates may include a time, if required. If so, it should be added as specified in ISO 8601.

3. It is common practice to use the element EarliestAcceptableDate to hold the requested delivery date when there is only a single delivery date, although element PreferredDate could also be used for this.

Example

```
<Delivery>
  <DeliverTo>
    <DeliverToReferences>
      <BuyersCodeForLocation>LONGSIGHT</BuyersCodeForLocation>
      <GLN>5678901234</GLN>
    </DeliverToReferences>
    <Party>Scribe Stationers - Longsight Depot</Party>
    <Address>
      <Street>12-16 First Avenue</Street>
      <City>Manchester</City>
      <PostCode>M13 5OP</PostCode>
      <Country Code='GB'>United Kingdom</Country>
    </Address>
    <Contact>
      <Name>Colin Davies</Name>
      <Department>Goods Inward</Department>
      <InternalAddress>Warehouse</InternalAddress>
      <DDI>0161 357 9246</DDI>
      <Fax>0161 357 9876</Fax>
    </Contact>
  </DeliverTo>
```

```
   <DeliverFrom>
     <DeliverFromReferences>
       <BuyersCodeForLocation>DIRECT</BuyersCodeForLocation>
     </DeliverFromReferences>
     <Party>Universal Manufacturing Limited</Party>
     <Contact>
       <Name>Henry Wood</Name>
       <Department>Despatch</Department>
       <DDI>0121 0987 6543</DDI>
     </Contact>
   </DeliverFrom>
   <Carrier>
     <CarrierReferences>
       <BuyersCodeForCarrier>PE-W1</BuyersCodeForCarrier>
       <GLN>34567</GLN>
     </CarrierReferences>
     <Party>Pony Express</Party>
     <Address>
       <Street>12 Palomino Road</Street>
       <City>Warrington</City>
       <State>Cheshire</State>
       <PostCode>WA12 3PE</PostCode>
     </Address>
     <Contact>
       <Name>Peter Parker</Name>
       <Department>Logistics</Department>
       <DDI>01925 678 9012</DDI>
       <Switchboard>01925 678 9000</Switchboard>
       <Fax>01925 678 9001</Fax>
       <Email>pparker@pe.com</Email>
     </Contact>
   </Carrier>
   <EarliestAcceptableDate>2000-06-07T18:39:09</EarliestAcceptableDate>
   <LatestAcceptableDate>2000-07-07</LatestAcceptableDate>
   <PreferredDate>2000-06-07</PreferredDate>
   <SpecialInstructions>Deliver by 3 Ton Truck only</SpecialInstructions>
   <DeliveryInformation>Deliver between 8.00 and 10.00</DeliveryInformation>
   <Narrative>Parking problems in Global Road</Narrative>
 </Delivery>
```

DeliverTo

Description: Consignee details.					
Usage: Optional					
Occurs: 0..1					

Element/Attribute	Use	Max	Len	Type	Description
<DeliverTo>					
< DeliverToReferences>	R	1			Consignee codes
<BuyersCodeForDelivery />	*O*	*1*			*Buyer's reference for this delivery*
<BuyersCodeForLocation> HOUNSLOW </BuyersCodeForLocation>	D	1	20	string	Buyer's code for the delivery location (e.g. warehouse town)
<GLN>50123456543210</GLN>	D	1	20	string	Location code (e.g. ANA number)
<DUNS>501234565432101</DUNS>	D	1	14	string	Dun and Bradstreet company id
</DeliverToReferences>	-	-			End tag
<Party>Global Trading Limited</Party>	M	*	40	string	Consignee (company) name
<Address>	R	1		string	Postal address
<AddressLine>xxxx</AddressLine>	D	*	40	string	Free-format address line
<Street>xxxx</Street>	D	*	40	string	Street name
<City>xxxx</City>	D	1	40	string	Town or city
<State>xxxx</State>	D	1	40	string	County, state, region
<PostCode>xxxx</PostCode>	D	1	20	string	Postal code
<Country Code="GB" *Codelist="ISO">* United Kingdom </Country>	O R *O*	1	40	string	Country Country as a code *Maintainer of the code list* Country as text
</Address>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
<Location>xxxx</Location>	O	1	40	string	Location within the address
<Contact>	O	*			Consignee contact(s)
<Name>xxxx</Name>	O	1	40	string	Contact name
<Department>xxxx</Department>	O	1	40	string	Contact department
<InternalAddress>xxxx</InternalAddress>	O	1	40	string	Organisation internal address
<DDI>xxxx</DDI>	O	1	20	string	Direct dial telephone number
<Switchboard>xxxx</Switchboard>	O	1	20	string	Switchboard telephone number
<Fax>xxxx</Fax>	O	1	20	string	Fax number
<Telex>xxxx</Telex>	O	1	20	string	Telex number
<Email>xxxx</Email>	O	1	40	string	Email address
<Mobile>xxxx</Mobile>	O	1	20	string	Mobile telephone number
</Contact>	-	-			End tag
</DeliverTo>	-	-			End tag

Notes

1. It is strongly recommended that the Buyer's code for the location and/or the GLN/DUNS is always supplied.

2. Although it is allowed, it would not be usual to use both free-format address details (AddressLine) and the specific address elements (Street, City etc.) at the same time. It is recommended that they are not mixed.

Example

```
<DeliverTo>
  <DeliverToReferences>
    <BuyersCodeForLocation>LONGSIGHT</BuyersCodeForLocation>
    <GLN>5678901234</GLN>
  </DeliverToReferences>
  <Party>Scribe Stationers - Longsight Depot</Party>
  <Address>
    <Street>12-16 First Avenue</Street>
    <City>Manchester</City>
    <PostCode>M13 5OP</PostCode>
    <Country Code='GB'>United Kingdom</Country>
  </Address>
  <Location>Back Door</Location>
  <Contact>
    <Name>Colin Davies</Name>
    <Department>Goods Inward</Department>
    <InternalAddress>Warehouse</InternalAddress>
    <DDI>0161 357 9246</DDI>
    <Fax>0161 357 9876</Fax>
  </Contact>
</DeliverTo>
```

Page 79

DeliverFrom

Description: Consignor details.	
Usage: Optional	
Occurs: 0..1	

Element/Attribute	Use	Max	Len	Type	Description
\<DeliverFrom\>					
< DeliverFromReferences>	O	1			Consignor codes
\<SuppliersCodeForLocation\> UML-WFD \</SuppliersCodeForLocation\>	O	1	20	string	Supplier's code for the delivery location (e.g. warehouse town)
\<BuyersCodeForLocation\> WATFORD \</BuyersCodeForLocation\>	O	1	20	string	Buyer's code for the delivery location (e.g. warehouse town)
\<GLN\>50123456543210\</GLN\>	O	1	20	string	Location code (e.g. ANA number)
\<DUNS\>501234565432101\</DUNS\>	O	1	14	string	Dun and Bradstreet company id
\</DeliverFromReferences\>	-	-			End tag
\<Party\>Universal Manufacturing Limited\</Party\>	M	*	40	string	Consignor (company) name
\<Address\>	R	1			Postal address
\<AddressLine\>xxxx\</AddressLine\>	D	*	40	string	Free-format address line
\<Street\>xxxx\</Street\>	D	*	40	string	Street name
\<City\>xxxx\</City\>	D	1	40	string	Town or city
\<State\>xxxx\</State\>	D	1	40	string	County, state, region
\<PostCode\>xxxx\</PostCode\>	D	1	20	string	Postal code

\<Country
  Code="GB"
  Codelist="ISO"\>
    United Kingdom
\</Country\>
	O
	R
	O
		1	40	string	Country
					Country as a code
					Maintainer of the code list
					Country as text

\</Address\>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
<Location>xxxx</Location>	O	1	40	string	Location within the address
<Contact>	O	*			Consignee contact(s)
<Name>xxxx</Name>	O	1	40	string	Contact name
<Department>xxxx</Department>	O	1	40	string	Contact department
<InternalAddress>xxxx</InternalAddress>	O	1	40	string	Organisation internal address
<DDI>xxxx</DDI>	O	1	20	string	Direct dial telephone number
<Switchboard>xxxx</Switchboard>	O	1	20	string	Switchboard telephone number
<Fax>xxxx</Fax>	O	1	20	string	Fax number
<Telex>xxxx</Telex>	O	1	20	string	Telex number
<Email>xxxx</Email>	O	1	40	string	Email address
<Mobile>xxxx</Mobile>	O	1	20	string	Mobile telephone number
</Contact>	-	-			End tag
</DeliverFrom>	-	-			End tag

Notes

1. Although it is allowed, it would not be usual to use both free-format address details (AddressLine) and the specific address elements (Street, City etc.) at the same time. It is recommended that they are not mixed.

Example

```
<DeliverFrom>
  <DeliverFromReferences>
    <BuyersCodeForLocation>DIRECT</BuyersCodeForLocation>
  </DeliverToReferences>
  <Party>Universal Manufacturing Limited</Party>
  <Contact>
    <Name>Henry Wood</Name>
    <Department>Despatch</Department>
    <DDI>0121 0987 6543</DDI>
  </Contact>
</DeliverFrom>
```

Carrier

Description: Carrier details.	
Usage: Optional	
Occurs: 0..1	

Element/Attribute	Use	Max	Len	Type	Description
<Carrier>					
<CarrierReferences>	R	1			Carrier codes
<BuyersCodeForCarrier> SUPP0001 </BuyersCodeForCarrier>	O	1	20	string	Buyer's code for the Carrier (e.g. an account code)
<GLN>50123456543210</GLN>	O	1	20	string	Location code (e.g. ANA number)
<DUNS>501234565432101</DUNS>	O	1	14	string	Dun and Bradstreet company id
</CarrierReferences>	-	-			End tag
<Party>GoAnywhere Transport International</Party>	M	*	40	string	Carrier (company) name
<Address>	R	1			Postal address
<AddressLine>xxxx</AddressLine>	D	*	40	string	Free-format address line
<Street>xxxx</Street>	D	*	40	string	Street name
<City>xxxx</City>	D	1	40	string	Town or city
<State>xxxx</State>	D	1	40	string	County, state, region
<PostCode>xxxx</PostCode>	D	1	20	string	Postal code
<Country Code="GB" *Codelist="ISO"*> United Kingdom </Country>	O R *O*	1	40	string	Country Country as a code *Maintainer of the code list* Country as text
</Address>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
<Contact>	O	*			Carrier contact(s)
<Name>xxxx</Name>	O	1	40	string	Contact name
<Department>xxxx</Department>	O	1	40	string	Contact department
<InternalAddress>xxxx</InternalAddress>	O	1	40	string	Organisation internal address
<DDI>xxxx</DDI>	O	1	20	string	Direct dial telephone number
<Switchboard>xxxx</Switchboard>	O	1	20	string	Switchboard telephone number
<Fax>xxxx</Fax>	O	1	20	string	Fax number
<Telex>xxxx</Telex>	O	1	20	string	Telex number
<Email>xxxx</Email>	O	1	40	string	Email address
<Mobile>xxxx</Mobile>	O	1	20	string	Mobile telephone number
</Contact>	-	-			End tag
</Carrier>	-	-			End tag

Notes

1. Although it is allowed, it would not be usual to use both free-format address details (AddressLine) and the specific address elements (Street, City etc.) at the same time. It is recommended that they are not mixed.

Example

```
<Carrier>
     <CarrierReferences>
        <BuyersCodeForCarrier>PE-W1</BuyersCodeForCarrier>
        <GLN>34567</GLN>
     </CarrierReferences>
     <Party>Pony Express</Party>
     <Address>
        <Street>12 Palomino Road</Street>
        <City>Warrington</City>
        <State>Cheshire</State>
        <PostCode>WA12 3PE</PostCode>
        <Country Code='GB'>United Kingdom</Country>
     </Address>
     <Contact>
        <Name>Peter Parker</Name>
        <Department>Logistics</Department>
        <DDI>01925 678 9012</DDI>
        <Switchboard>01925 678 9000</Switchboard>
        <Fax>01925 678 9001</Fax>
        <Email>pparker@pe.com</Email>
     </Contact>
  </Carrier>
```

InvoiceTo

Description:	Invoicee details.
Usage:	Optional
Occurs:	0..1

Element/Attribute	Use	Max	Len	Type	Description
<InvoiceTo>					
<InvoiceToReferences>	O	1			Invoicee codes
<GLN>50123456543210</GLN>	O	1	20	string	Location code (e.g. ANA number)
<DUNS>501234565432101</DUNS>	O	1	14	string	Dun and Bradstreet company id
</InvoiceToReferences>	-	-			End tag
<Party>Global Trading Limited</Party>	M	*	40	string	Invoicee (company) name
<Address>	R	1	40	string	Postal address
<AddressLine>xxxx</AddressLine>	D	*	40	string	Free-format address line
<Street>xxxx</Street>	D	*	40	string	Street name
<City>xxxx</City>	D	1	40	string	Town or city
<State>xxxx</State>	D	1	40	string	County, state, region
<PostCode>xxxx</PostCode>	D	1	20	string	Postal code

<Country
      Code="GB"
      Codelist="ISO">
        United Kingdom
    </Country>
	O
	R
	O
		1	40	string	Country
					Country as a code
					Maintainer of the code list
					Country as text

</Address>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
<Contact>	O	*			Invoicee (accounts) contact(s)
<Name>xxxx</Name>	O	1	40	string	Contact name
<Department>xxxx</Department>	O	1	40	string	Contact department
<Section>xxxx</Section>	O	1	40	string	Contact section
<UserID>xxxx</UserID>	O	1	20	string	Contact identifier
<InternalAddress>xxxx</InternalAddress>	O	1	40	string	Organisation internal address
<DDI>xxxx</DDI>	O	1	20	string	Direct dial telephone number
<Switchboard>xxxx</Switchboard>	O	1	20	string	Switchboard telephone number
<Fax>xxxx</Fax>	O	1	20	string	Fax number
<Telex>xxxx</Telex>	O	1	20	string	Telex number
<Email>xxxx</Email>	O	1	40	string	Email address
<Mobile>xxxx</Mobile>	O	1	20	string	Mobile telephone number
</Contact>	-	-			End tag
</InvoiceTo>	-	-			End tag

Notes

1. Although it is allowed, it would not be usual to use both free-format address details (AddressLine) and the specific address elements (Street, City etc.) at the same time. It is recommended that they are not mixed.

Example

```
<InvoiceTo>
  <InvoiceToReferences>
    <GLN>50123456543210</GLN>
  </InvoiceToReferences>
  <Party>Scribe Stationers Ltd</Party>
  <Address>
    <Street>Scribe House</Street>
    <Street>Inkwell Road</Street>
    <City>Manchester</City>
    <PostCode>M12 3AB</PostCode>
    <Country Code='GB'>United Kingdom</Country>
  </Address>
  <Contact>
    <Name>Matthew Smith</Name>
    <Department>Accounts</Department>
    <DDI>0161 234 5656</DDI>
    <Switchboard>0161 234 5000</Switchboard>
  </Contact>
</InvoiceTo>
```

OrderResponseLine

Description:	Order response line details.
Usage:	Mandatory
Occurs:	1..*

Element/Attribute	Use	Max	Len	Type	Description

<OrderResponseLine
  Action="aaa"
  TypeCode="ttt"
  TypeDescription="dddd"
  TypeCodeList="BASDA">
	M
	O
	O
	O
	O
		*			Order response line details
					Add, Change or Delete
					BASDA type code (e.g. GDS)
					Type as text
					Code list maintainer (BASDA)

<LineNumber
  Preserve="true">
    1
</LineNumber>
	M
	R
		1		integer	Order line number
					Value must be returned in replies

<OriginalLineNumber>1</OriginalLineNumber>	O	1		integer	Original order line number
<Status >ACK</Status>	O	1		string	Order line status - e.g. out-of-stock, discontinued
<OrderResponseLineReferences>	O	1			References for this line
<ContractOrderReference> CON00001 </ContractOrderReference>	O	1	20	string	Contract number
<CostCentre>CC1</CostCentre>	O	1	20	string	Cost centre
* <GeneralLedgerCode />*	*O*	*1*			*See eBIS-XML specification*

<BuyersOrderLineReference>
  Preserve="true">
    1
  </BuyersOrderLineReference>
	O
	O
		1			Buyer's reference to this order line
					Send value back in replies

* <ProjectCode />*	*O*	*1*			*See eBIS-XML specification*
* <ProjectAnalysisCode />*	*O*	*1*			*See eBIS-XML specification*
</OrderResponseLineReferences>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
ANY					See following section
<Product>	R	*			Product codes etc.
<SuppliersProductCode> PR-00001 </SuppliersProductCode>	D	1	20	string	Supplier's own product code
<BuyersProductCode> BPR-00001 </BuyersProductCode>	D	1	20	string	Buyer's own product code
<TradedUnitCode> 5012345654321 </TradedUnitCode>	D	1	20	string	Product code for the traded unit (e.g. EAN-13 bar code)
<ConsumerUnitCode> 5012312312321 </ConsumerUnitCode>	O	1	20	string	Product code for the consumer unit (e.g. EAN-13 bar code)
<Description>Box of 50 BIC pens</Description>	D	1	80	string	Description of the item
<Properties>	O	1			Product Properties
. . .					See following section
</Properties>	-	-			End tag
</Product>	-	-			End tag
<Quantity UOMCode="UUU" UOMDescription="eeeeee" UOMCodelist="ISO">	R	1			Quantity information
<Packsize>xxxx</Packsize>	O	1	20	string	Details of quantity in a pack
<Amount>xxxx</Amount>	R	1		float	The number of traded units
</Quantity>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description

<OriginalQuantity
  UOMCode="UUU"
  UOMDescription="eeeeee"
  UOMCodelist="ISO">
	R	1			Quantity on the original order

<Packsize>xxxx</Packsize>	O	1	20	string	Details of quantity in a pack
<Amount>xxxx</Amount>	R	1		float	The number of traded units
</OriginalQuantity>	-	-			End tag

<Price
  UOMCode="UUU"
  UOMDescription="eeeeee"
  UOMCodelist="ISO">
	O	*			Price information

<Units>10</Units>	O	1			Quantity for the price below
<UnitPrice>25.00</UnitPrice>	M	1			Price for the above quantity
<SpecialPriceDescription> xxxx </SpecialPriceDescription>	O	1			Details if there is a special price
</Price>	-	-			End tag

<OriginalPrice
  UOMCode="UUU"
  UOMDescription="eeeeee"
  UOMCodelist="ISO">
	O	*			Price on the original order

<Units>10</Units>	O	1			Quantity for the price below
<UnitPrice>25.00</UnitPrice>	M	1			Price for the above quantity
<SpecialPriceDescription> xxxx </SpecialPriceDescription>	O	1			Details if there is a special price
</OriginalPrice>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
`<PercentDiscount>`	O	*			Discount as a percentage

`<Type`
  `Code="TRD"`
  `Codelist="BASDA">`
    Trade Discount
`</Type>`
	O
	O
	O
		1		string	Discount type
					Discount type as a code
					Maintainer of the code list (default = BASDA)
					Discount type as text

`<Percentage>10</Percentage>`	M	1		float	Discount percentage
`</PercentDiscount>`	-	-			End tag
`<AmountDiscount>`	O	*			Discount as an amount

`<Type`
  `Code="TRD"`
  `Codelist="BASDA">`
    Trade Discount
`</Type>`
	O
	O
	O
		1		string	Discount type
					Discount type as a code
					Maintainer of the code list (default = BASDA)
					Discount type as text

`<Amount>25.00</Amount>`	M	1		float	Discount amount
`</AmountDiscount>`	-	-			End tag
`<LineTax>`	O	1			Tax details for this order line
`<MixedRateIndicator>1</MixedRateIndicator>`	O	1		string	Mixed tax rate indicator

`<TaxRate`
  `Code="S"`
  `Codelist="BASDA">`
    17.5
`</TaxRate>`
	M
	M
	O
		1		float	Tax rate
					Tax rate as a code
					Maintainer of the code list
					Tax rate percentage

`<TaxValue>12.50</TaxValue>`	O	1		float	Tax amount

`<TaxRef`
  `Code="xxx"`
  `Codelist="zzz">`
    xxxx
`</TaxRef>`
	O	1	20	string	Tax reference

`</LineTax>`	-	-			End tag
`<LineTotal>125.84</LineTotal>`	O	1		float	Total line value

Element/Attribute	Use	Max	Len	Type	Description
<Delivery>	O	*			Scheduled delivery details
. . .					See previous section (header level)
</Delivery>	-	-			End tag
<OrderLineInformation>xxxx</OrderLineInformation>	O	*	80	string	Order line information (text)
<ExtendedDescription>xxxx</ExtendedDescription>	O	*	80	string	Long description/specification
<Narrative>xxxx</Narrative>	O	*	80	string	Other order line information (text)
</OrderResponseLine>	-	-			End tag

Notes

1. It is strongly recommended that some form of product code is supplied unless the order line is for something other than a product (e.g. quality certificate for an item), in which case the description on its own will suffice. For further explanation of the contents of the product code elements under Product, see the discussion on this topic in the Business Rules section of this document.

2. For an explanation of the contents of the elements under Quantity and Price, see the discussion on quantities and prices in the Business Rules section of this document.

3. If present, LineTotal should contain the total line value including any line discount but excluding tax.

Example

```
<OrderResponseLine TypeDescription='Goods &amp; Services' TypeCode='GDS'>
  <LineNumber Preserve='true'>1</LineNumber>
  <Status>Out of Stock / Back-Ordered</Status>
  <OrderResponseLineReferences>
    <ContractOrderReference>2002/01</ContractOrderReference>
    <CostCentre>Overheads</CostCentre>
  </OrderResponseLineReferences>
  <Product>
    <SuppliersProductCode>SS48372</SuppliersProductCode>
    <BuyersProductCode>SCR-27384</BuyersProductCode>
    <TradedUnitCode>5016192986790</TradedUnitCode>
    <ConsumerUnitCode>4074400410000</ConsumerUnitCode>
    <Description>Tippex 30ml (tray of 20 bottles)</Description>
  </Product>
  <Quantity UOMDescription='Pack' UOMCode='PCK'>
    <Packsize>20</Packsize>
    <Amount>15</Amount>
  </Quantity>
  <Price UOMDescription='Pack' UOMCode='PCK'>
    <UnitPrice>10.00</UnitPrice>
  </Price>
  <LineTotal>150.00</LineTotal>
  <Delivery>
    <EarliestAcceptableDate>2002-11-25</EarliestAcceptableDate>
  </Delivery>
  <OrderLineInformation>
     Note: The product ordered is out of stock and has been back-ordered.
           See the new projected delivery date.
  </OrderLineInformation>
</OrderResponseLine>
```

ANY (Order Response Line Level)

Description:	Other documents/references that are relevant to the order response line. (See the note about "ANY Sections" on page 2.)
Usage:	Optional
Occurs:	0..1

Element/Attribute	Use	Max	Len	Type	Description

<OP:AdditionalOrderResponseLineReferences
   xmlns:OP=
     "urn:schemas-bossfed-co-uk:OP-OrderResponse-v1">
	O
	M
		1			Envelope for additional references

<OP:OrderResponseLineReference
    ReferenceType="AAA"
    ReferenceDesc="Bbbb Bbbbb">
	M
	R
	O
		*			Individual reference
					Type of reference as a code (list)
					Type of reference in words

<OP:Reference>XXXX</OP:Reference>	M	1	40	string	The reference itself
<OP:ReferenceDate> yyyy-mm-dd </OP:ReferenceDate>	O	1		date or dateTime	The date (and time) of the reference/document
</OP:OrderResponseLineReference>	-	-			End tag
</OP:AdditionalOrderResponseLineReferences>	-	-			End tag

Notes

1. The namespace declaration is mandatory for all elements included in the ANY section of an eBIS-XML message and it applies to all child elements and attributes within the outer tag (AdditionalOrderResponseLineReferences).

Example

```
<OP:AdditionalOrderResponseLineReferences xmlns:OP="urn:schemas-bossfed-co-uk:OP-OrderResponse-v1">
  <OP:OrderResponseLineReference ReferenceDesc="Specification">
    <OP:Reference>SPEC1234/2002</OP:Reference>
    <OP:ReferenceDate>2002-07-30</OP:ReferenceDate>
  </OP:OrderResponseLineReference>
</OP:AdditionalOrderResponseLineReferences>
```

Description: Additional dates and/or times that are relevant to the order response line. (See the note about "ANY Sections" on page 2.)
Usage: Optional
Occurs: 0..1

Element/Attribute	Use	Max	Len	Type	Description

<OP:AdditionalOrderResponseLineDates
   xmlns:OP=
      "urn:schemas-bossfed-co-uk:OP-OrderResponse-v1">
	O
	M
		1			Envelope for additional dates and/or times

<OP:OrderResponseLineDateTime
      DateTimeType="AAA"
      DateTimeDesc="Bbbb Bbbbb">
         yyyy-mm-dd
   </OP:OrderResponseLineDateTime>
	M
	R
	O
		*		date, time or
				dateTime
					Individual date/time
					Type of date/time as a code (list)
					Type of date/time in words
					Date, time or date+time

</OP:AdditionalOrderResponseLineDates>	-	-			End tag

Notes

1. The namespace declaration is mandatory for all elements included in the ANY section of an eBIS-XML message and it applies to all child elements and attributes within the outer tag (AdditionalOrderResponseLineDates).

Example

```
<OP:AdditionalOrderResponseLineDates xmlns:OP="urn:schemas-bossfed-co-uk:OP-OrderResponse-v1">
  <OP:OrderResponseLineDateTime DateTimeDesc="Earliest Time for Delivery">10:30:00</OP:OrderResponseLineDateTime>
  <OP:OrderResponseLineDateTime DateTimeDesc="Latest Time for Delivery">15:00:00</OP:OrderResponseLineDateTime>
</OP:AdditionalOrderResponseLineDates>
```

Description: Additional text that is relevant to the order response line. (See the note about "ANY Sections" on page 2.)
Usage: Optional
Occurs: 0..1

Element/Attribute	Use	Max	Len	Type	Description

<OP:AdditionalOrderResponseLineText
   xmlns:OP=
     "urn:schemas-bossfed-co-uk:OP-OrderResponse-v1">
	O
	M
		1			Envelope for additional text

<OP:OrderResponseLineText
     TextType="AAA"
     TextDesc="Bbbb Bbbbb">
       Here is some text
   </OP:OrderResponseLineText>
	M
	R
	O
		*		string	Individual text item
					Type of text as a code (list)
					Type of text in words

</OP:AdditionalOrderResponseLineText>	-	-			End tag

Notes

1. The namespace declaration is mandatory for all elements included in the ANY section of an eBIS-XML message and it applies to all child elements and attributes within the outer tag (AdditionalOrderResponseLineText).

Example

```
<OP:AdditionalOrderResponseLineText xmlns:OP="urn:schemas-bossfed-co-uk:OP-OrderResponse-v1">
  <OP:OrderResponseLineText TextDesc="Legal Information">Terms and conditions are as specified in the contract</OP:OrderResponseLineText>
</OP:AdditionalOrderResponseLineText>
```

Properties

Description: Product properties - e.g. dimensions, weight, colour etc.
Usage: Optional
Occurs: 0..1

Element/Attribute	Use	Max	Len	Type	Description
\<Properties>					
\<Quantity UOMDescription="eeeeee" UOMCode="UUU" UOMCodelist="ISO">	O O O O	1			Quantity information Unit of measure (text) Unit of measure (code) Code list maintainer
\<Packsize>xxxx\</Packsize>	O	1	20	string	Details of quantity in a pack
\<Amount>xxxx\</Amount>	O	1		float	The number of traded units
\</Quantity>	-	-			End tag
\<Length UOMDescription="eeeeee" UOMCode="UUU" UOMCodelist="ISO"> 20 \</Length>	O O O O	1		float	Length information Unit of measure (text) Unit of measure (code) Code list maintainer Value
\<Width UOMDescription="eeeeee" UOMCode="UUU" UOMCodelist="ISO"> 20 \</Width>	O O O O	1		float	Width information Unit of measure (text) Unit of measure (code) Code list maintainer Value
\<Depth UOMDescription="eeeeee" UOMCode="UUU" UOMCodelist="ISO"> 20 \</Depth>	O O O O	1		float	Depth information Unit of measure (text) Unit of measure (code) Code list maintainer Value

Element/Attribute	Use	Max	Len	Type	Description

<Weight
   UOMDescription="eeeeee"
   UOMCode="UUU"
   UOMCodelist="ISO">
    20
</Weight>
	O
	O
	O
	O
		1		float	Weight information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

<Volume
   UOMDescription="eeeeee"
   UOMCode="UUU"
   UOMCodelist="ISO">
    20
</Volume>
	O
	O
	O
	O
		1		float	Volume information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

<Height
   UOMDescription="eeeeee"
   UOMCode="UUU"
   UOMCodelist="ISO">
    20
</Height>
	O
	O
	O
	O
		1		float	Height information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

<Size
   UOMDescription="eeeeee"
   UOMCode="UUU"
   UOMCodelist="ISO">
    20
</Size>
	O
	O
	O
	O
		1		float	Size information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

<Color
   UOMDescription="eeeeee"
   UOMCode="UUU"
   UOMCodelist="ISO">
    20
</Color>
	O
	O
	O
	O
		1		float	Colour information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

Element/Attribute	Use	Max	Len	Type	Description

<Other
    Description="dddddddd"
    UOMDescription="eeeeee"
    UOMCode="UUU"
    UOMCodelist="ISO">
        20
  </Other>
	O
	M
	O
	O
	O
		*		string	Other property information
					Description/name of property
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

</Properties>	-	-			End tag

Notes

1. As the Packsize element at line level is purely descriptive, the Quantity element could be used if it was desired to emphasise the number of items in a traded unit (e.g. if clear A4 pockets come in packs of 25).

2. Weight can be either net weight or gross weight. If both are desired, the <Other> property element may be used.

3. Note the American spelling of the "Color" property.

Example

```
<Properties>
  <Length UOMDescription='Metre' UOMCode='MTR'>2</Length>
  <Width UOMDescription='Centimeters' UOMCode='CMT'>50</Width>
  <Depth UOMDescription='Millimeters' UOMCode='MMT'>20</Depth>
  <Weight UOMDescription='Kilograms' UOMCode='KGM'>2</Weight>
  <Volume UOMDescription='Litres' UOMCode='LTR'>27</Volume>
  <Height UOMDescription='Meter' UOMCode='MTR'>9</Height>
  <Size UOMDescription='Inches' UOMCode='INC'>9</Size>
  <Color>Light Oak</Color>
  <Other Description="Pallet Percentage" UOMCode="PCT">25</Other>
</Properties>
```

PercentDiscount (Order Response header level)

Description: Discount as a percentage.	
Usage: Optional	
Occurs: 0..*	

Element/Attribute	Use	Max	Len	Type	Description
<PercentDiscount>					Discount as a percentage

<Type
    Code="TRD"
    Codelist="BASDA">
      Trade Discount
  </Type>
	O
	O
	O
		1		string	Discount type
					Discount type as a code
					Maintainer of the code list (default = BASDA)
					Discount type as text

<Percentage>10</Percentage>	M	1		float	Discount percentage
</PercentDiscount>	-	-			End tag

Example

```
<PercentDiscount>
  <Type Code='VOD'>Volume Discount</Type>
  <Percentage>5</Percentage>
</PercentDiscount>
```

AmountDiscount (Order Response header level)

Description: Discount as an amount.
Usage: Optional
Occurs: 0..*

Element/Attribute	Use	Max	Len	Type	Description
\<AmountDiscount>					Discount as an amount

\<Type
    Code="TRD"
    Codelist="BASDA">
        Trade Discount
\</Type>
	O
	O
	O
		1		string	Discount type
					Discount type as a code
					Maintainer of the code list (default = BASDA)
					Discount type as text

\<Amount>25.00\</Amount>	M	1		float	Discount amount
\</AmountDiscount>	-	-			End tag

Example

```
<AmountDiscount>
  <Type Code='TRD'>Trade Discount</Type>
  <Amount>2.5</Amount>
</AmountDiscount>
```

SpecialInstructions (Order Response header level)

Description:	Special instructions for the whole order.
Usage:	Optional
Occurs:	0..*

Element/Attribute	Use	Max	Len	Type	Description
<SpecialInstructions>xxxx</SpecialInstructions>			80	string	Special order instructions

Example

```
<SpecialInstructions>Please split the delivery</SpecialInstructions>
```

Narrative (Order Response header level)

Description:	The date and time that this order was created.
Usage:	Optional
Occurs:	0..*

Element/Attribute	Use	Max	Len	Type	Description
<Narrative>xxxx</Narrative>			80	string	Other order information (text)

Example

```
<Narrative>Please no knots in the oak panels</Narrative>
```

Settlement

As this element is not really relevant in this context, it is not described here. Full details of this element and its contents may be obtained from the BASDA eBIS-XML schema documentation, if required.

OrderResponseTotal

Description: Total amounts for the order response.	
Usage: Optional	
Occurs: 0..1	

Element/Attribute	Use	Max	Len	Type	Description
<OrderResponseTotal>					Total values
<GoodsValue>1542.65</GoodsValue>	O	1		float	Total of the goods line values
<FreightCharges>15.00</FreightCharges>	O	1		float	Freight charges (if any)
<MiscCharges>2.50</MiscCharges>	O	1		float	Other charges (if any)
<TaxTotal>270.40</TaxTotal>	O	1		float	Tax amount payable
<GrossValue>1830.55</GrossValue>	O	1		float	Grand total including tax
</OrderResponseTotal>	-	-			End tag

Example

```
<OrderResponseTotal>
  <GoodsValue>1542.65</GoodsValue>
  <FreightCharges>15.00</FreightCharges>
  <MiscCharges>2.50</MiscCharges>
  <TaxTotal>270.40</TaxTotal>
  <GrossValue>1830.55</GrossValue>
</OrderResponseTotal>
```

Invoice

Element	Use	Max	Description
Invoice	M	1	Root element
InvoiceHead	M	1	Invoice header details such as order type, currency etc.
InvoiceReferences	M	1	Invoice references such as Buyer's order number, contract reference etc.
ANY	O	-	Header-level extension area (not validated by the standard schema)
InvoiceDate	M	1	The date of the order
TypeOfSupply	O	1	Hire, lease, sale or return etc.
TaxPointDate	O	1	Date on which the tax calculation is based
Supplier	M	1	Supplier details
Buyer	O	1	Buyer details
Delivery	O	*	Delivery details including the delivery location, delivery date etc.
InvoiceTo	M	1	Invoicee details
InvoiceLine	M	*	Invoice line details
LineNumber	M	1	Invoice line number
InvoiceLineReferences	O	1	Line references
ANY	O	-	Line-level extension area (not validated by the standard schema)
Product	O	*	Product details such as product codes, description etc.
Quantity	O	1	Quantity details
Price	O	*	Price details
PercentDiscount	O	*	Discount as a percentage
AmountDiscount	O	*	Discount as an amount
LineTax	O	1	Tax details
LineTotal	O	1	Total line value
Delivery	O	*	Line-level delivery information
InvoiceLineInformation	O	*	Text associated with the invoice line
ExtendedDescription	O	*	Long product description - e.g. full specification
Narrative	O	*	Other text
LotSerial	O	*	Lot/serial numbers
Intrastat	O	1	Intrastat details
PercentDiscount	O	*	Discount as a percentage
AmountDiscount	O	*	Discount as an amount
SpecialInstructions	O	*	Special instructions for the invoice
Narrative	O	*	Invoice-level text
Settlement	O	1	Payment details
TaxSubTotal	M	*	Totals by tax rate
InvoiceTotal	M	1	Total amounts

InvoiceHead

Description:	Information on the layout and content of the order such as schema, stylesheet, precision of decimal numbers, order type, currency and a checksum.
Usage:	Mandatory
Occurs:	1..1

Element/Attribute	Use	Max	Len	Type	Description
<InvoiceHead>					Envelope for header information
<Schema>	M	1			Details of the schema
<Version>3.05</Version>	M	1		string	Version number of the schema (must be 3.05 or above)
</Schema>	-	-			End tag
<Stylesheet />	O	1			*See eBIS-XML specification*
<Parameters>	M	1			Parameters for the order
<Language>en-GB</Language>	M	1		string	Language (see Notes)
<DecimalSeparator>.</DecimalSeparator>	M	1		enumeration	Decimal separator character (. or ,)
<Precision>12.3</Precision>	M	1		float	Maximum precision of decimal values = number of digits before and after the decimal separator
</Parameters>	-	-			End tag
<OriginatingSoftware />	O	1			*See eBIS-XML specification*
<TestFlag />	O	1			*See eBIS-XML specification*

<InvoiceType
    Code="INV"
    Codelist="BASDA">
      Commercial Invoice
  </InvoiceType>
	M
	R
	O
		1		string	Invoice type
					Invoice type as a code
					Maintainer of the code list
					Invoice type as text

<Function />	O	1			*See eBIS-XML specification*

Element/Attribute	Use	Max	Len	Type	Description
\<InvoiceCurrency\>	M	1			Currency of amounts in the invoice
\<Currency Code="GBP" *Codelist="ISO"\>* Pounds Sterling \</Currency\>	M R *O*	1		string	Invoice currency Currency as a code *Maintainer of the code list* Currency as text
\<AlternateCurrency /\>	*O*	*1*			*See eBIS-XML specification*
\<Rate /\>	*O*	*1*			*See eBIS-XML specification*
\</InvoiceCurrency\>	-	-			End tag
\<Intrastat /\>	*O*	*1*			*Intrastat details*
\<Checksum\>1234\</Checksum\>	M	1		integer	Checksum (see notes)
\</InvoiceHead\>	-	-			End tag

Notes

1. The language is specified as a two-character ISO 639 code (lower case) optionally followed by a dash and an ISO 3166 country code in upper case to denote a variant of the base language - e.g. "en-GB", "fr".

2. The invoice types are listed in the eBIS-XML code lists document. As well as INV (Commercial Invoice), there are values such as CSI (Consolidated Invoice) and CRN (Credit Note) plus many others.

3. It is strongly recommended that the currency is always specified as an ISO code.

4. The checksum is the last five digits of the greatest integer less than or equal to the absolute value given by the following equation:

```
(year + 13 x day - 7 x sum(line_number x line_quantity)) x
(month + 17 x lines + 5 x total)
```

where **year**, **month** and **day** are taken from InvoiceDate, **lines** is the number of InvoiceLine elements, and **total** is the value of the InvoiceTotal/LineValueTotal element. Finally, **sum(line_number x line_quantity)** is the sum over each InvoiceLine of the LineNumber multiplied by the value in the Quantity/Amount element. Any optional values that are not supplied in the message should be given a value of zero for the calculation.

Example

```
<InvoiceHead>
  <Schema>
    <Version>3.05</Version>
  </Schema>
  <Parameters>
    <Language>en-GB</Language>
    <DecimalSeparator>.</DecimalSeparator>
    <Precision>20.3</Precision>
  </Parameters>
  <InvoiceType Code='INV'>Commercial Invoice</InvoiceType>
  <InvoiceCurrency>
    <Currency Code='GBP'>GB Pounds Sterling</Currency>
  </InvoiceCurrency>
  <Checksum>50099</Checksum>
</InvoiceHead>
```

InvoiceReferences

Description: Other documents and references that are relevant to the order.	
Usage: Mandatory	
Occurs: 1..1	

Element/Attribute	Use	Max	Len	Type	Description
<InvoiceReferences>					
<ContractOrderReference> CO13579 </ContractOrderReference>	O	1		string	Contract number
<CostCentre>CC1</CostCentre>	O	1		string	Cost centre
<BuyersOrderNumber Preserve="true"> PO123456 </BuyersOrderNumber>	R R	1	20	string	Order number (Buyer) Send value back in replies Order number value
<Department />	*O*	*1*			*See eBIS-XML specification*
<GeneralLedgerCode />	*O*	*1*			*See eBIS-XML specification*
<ProjectCode />	*O*	*1*			*See eBIS-XML specification*
<ProjectAnalysisCode />	*O*	*1*			*See eBIS-XML specification*
<SuppliersInvoiceNumber Preserve="true"> SI654321 </SuppliersInvoiceNumber>	M O	1	20	string	Invoice number (Supplier) Send value back in replies Invoice number value
<DeliveryNoteNumber>D-0123</DeliveryNoteNumber>	R	1		string	Delivery note number
<SuppliersOrderReference />	*O*	*1*		*string*	*See eBIS-XML specification*
<ResponseTo />	*O*	*1*		*string*	*See eBIS-XML specification*
</InvoiceReferences>	-	-			End tag

Notes

1. It is strongly recommended that the Buyer's order number is always supplied here where an invoice covers a single order only. For a consolidated invoice, the Buyer's order number will be at line level.

2. As an invoice usually refers to a delivery, it is also recommended that the Delivery Note Number is supplied in the invoice at either header or line level as appropriate.

Example

```
<InvoiceReferences>
  <ContractOrderReference>2002/01</ContractOrderReference>
  <BuyersOrderNumber>PO123456</BuyersOrderNumber>
  <SuppliersInvoiceNumber Preserve="true">INV-41390736</SuppliersInvoiceNumber>
  <DeliveryNoteNumber>DN-13579</DeliveryNoteNumber>
</InvoiceReferences>
```

ANY (Invoice Header Level)

Description: Other documents and references that are relevant to the invoice. (See the note about "ANY Sections" on page 2.)
Usage: Optional
Occurs: 0..1

Element/Attribute	Use	Max	Len	Type	Description
<OP:AdditionalInvoiceReferences xmlns:OP="urn:schemas-bossfed-co-uk:OP-Invoice-v1">	O M	1			Envelope for additional references

<OP:InvoiceReference
    ReferenceType="AAA"
    ReferenceDesc="Bbbb Bbbbb">
	M
	R
	O
		*			Individual reference
					Type of reference as a code (list)
					Type of reference in words

<OP:Reference>XXXX</OP:Reference>	M	1	40	string	The reference itself
<OP:ReferenceDate> yyyy-mm-dd </OP:ReferenceDate>	O	1		date or dateTime	The date (and time) of the reference/document
</OP:InvoiceReference>	-	-			End tag
</OP:AdditionalInvoiceReferences>	-	-			End tag

Notes

1. The namespace declaration is mandatory for all elements included in the ANY section of an eBIS-XML message and it applies to all child elements and attributes within the outer tag (AdditionalInvoiceReferences).

Example

```
<OP:AdditionalInvoiceReferences xmlns:OP="urn:schemas-bossfed-co-uk:OP-Invoice-v1">
  <OP:InvoiceReference ReferenceType="EXP" ReferenceDesc="Export">
    <OP:Reference>EXP-0001/23</OP:Reference>
    <OP:ReferenceDate>2002-07-30</OP:ReferenceDate>
  </OP:InvoiceReference>
</OP:AdditionalInvoiceReferences>
```

<table>
<tr><td>Description: Additional dates and/or times that are relevant to the invoice. (See the note about "ANY Sections" on page 2.)</td></tr>
<tr><td>Usage: Optional</td></tr>
<tr><td>Occurs: 0..1</td></tr>
</table>

Element/Attribute	Use	Max	Len	Type	Description
<OP:AdditionalInvoiceDates xmlns:OP="urn:schemas-bossfed-co-uk:OP-Invoice-v1">	O M	1			Envelope for additional dates and/or times

<OP:InvoiceDateTime
    DateTimeType="AAA"
    DateTimeDesc="Bbbb Bbbbb">
     yyyy-mm-dd
  </OP:InvoiceDateTime>
	M
	R
	O
		*		date, time or
				dateTime
					Individual date/time
					Type of date/time as a code (list)
					Type of date/time in words
					Date, time or date+time

</OP:AdditionalInvoiceDates>	-	-			End tag

Notes

1. The namespace declaration is mandatory for all elements included in the ANY section of an eBIS-XML message and it applies to all child elements and attributes within the outer tag (AdditionalInvoiceDates).

Example

```
<OP:AdditionalInvoiceDates xmlns:OP="urn:schemas-bossfed-co-uk:OP-Invoice-v1">
  <OP:InvoiceDateTime DateTimeDesc="Earliest Time for Delivery">10:30:00</OP:InvoiceDateTime>
  <OP:InvoiceDateTime DateTimeDesc="Latest Time for Delivery">15:00:00</OP:InvoiceDateTime>
</OP:AdditionalInvoiceDates>
```

Description:	Additional text that is relevant to the invoice. (See the note about "ANY Sections" on page 2.)
Usage:	Optional
Occurs:	0..1

Element/Attribute	Use	Max	Len	Type	Description
<OP:AdditionalInvoiceText xmlns:OP="urn:schemas-bossfed-co-uk:OP-Invoice-v1">	O M	1			Envelope for additional text

<OP:InvoiceText
     TextType="AAA"
     TextDesc="Bbbb Bbbbb">
       Here is some text
   </OP:InvoiceText>
	M
	R
	O
		*		string	Individual text item
					Type of text as a code (list)
					Type of text in words

</OP:AdditionalInvoiceText>	-	-			End tag

Notes

1. The namespace declaration is mandatory for all elements included in the ANY section of an eBIS-XML message and it applies to all child elements and attributes within the outer tag (AdditionalInvoiceText).

Example

```
<OP:AdditionalInvoiceText xmlns:OP="urn:schemas-bossfed-co-uk:OP-Invoice-v1">
  <OP:InvoiceText TextDesc="Legal Information">Terms and conditions are as specified in the contract</OP:InvoiceText>
</OP:AdditionalInvoiceText>
```

InvoiceDate

Description:	The date and time that this order was created.
Usage:	Mandatory
Occurs:	1..1

Element/Attribute	Use	Max	Len	Type	Description
<InvoiceDate>2002-08-06T10:25:42</InvoiceDate>	M	1		dateTime	Date and time order was created

Example

```
<InvoiceDate>2002-08-06T10:25:42</InvoiceDate>
```

TypeOfSupply

Description:	The type of supply - e.g. sale, lease, hire, loan etc.
Usage:	Optional
Occurs:	0..1

Element/Attribute	Use	Max	Len	Type	Description
<TypeOfSupply>Hire Purchase</TypeOfSupply>	R	1		string	Type of supply - e.g. Sale, Lease, Hire, Loan etc.

Notes

1. The type of supply is required by HM Customs and Excise where it is anything other than a simple sale (the default). It is therefore strongly recommended for European invoices from UK companies where the type of supply is not "Sale".

Example

```
<TypeOfSupply>Hire Purchase</TypeOfSupply>
```

TaxPointDate

Description:	The date and time that the tax was calculated.
Usage:	Optional
Occurs:	0..1

Element/Attribute	Use	Max	Len	Type	Description
<TaxPointDate>2002-08-06T10:25:42</TaxPointDate>	R	1		dateTime	Date and time tax was calculated

Notes

1. The tax point date is required by HM Customs and Excise for VAT calculations. It is therefore strongly recommended for European invoices from UK companies.

Example

```
<TaxPointDate>2002-08-06T10:25:42</TaxPointDate>
```

Supplier

Description: Supplier details.					
Usage: Mandatory					
Occurs: 1..1					

Element/Attribute	Use	Max	Len	Type	Description
<Supplier>					
<SupplierReferences>	R	1			Supplier codes
<BuyersCodeForSupplier> SUPP0001 </BuyersCodeForSupplier>	D	1	20	string	Buyer's code for the Supplier (e.g. an account code)
<TaxNumber>123456789</TaxNumber>	O	1	20	string	Tax registration number (e.g. VAT)
<GLN>50123456543210</GLN>	D	1	20	string	Location code (e.g. ANA number)
<DUNS>501234565432101</DUNS>	D	1	14	string	Dun and Bradstreet company id
</SupplierReferences>	-	-			End tag
<Party>Global Trading Limited</Party>	M	*	40	string	Supplier (company) name
<Address>	R	1			Postal address
<AddressLine>xxxx</AddressLine>	D	*	40	string	Free-format address line
<Street>xxxx</Street>	D	*	40	string	Street name
<City>xxxx</City>	D	1	40	string	Town or city
<State>xxxx</State>	D	1	40	string	County, state, region
<PostCode>xxxx</PostCode>	D	1	16	string	Postal code
<Country Code="GB" *Codelist="ISO">* United Kingdom </Country>	O R *O*	1	40	string	Country Country as a code *Maintainer of the code list* Country as text
</Address>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
<Contact>	O	*			Supplier contact(s)
<Name>xxxx</Name>	O	1	40	string	Contact name
<Department>xxxx</Department>	O	1	40	string	Contact department
<InternalAddress>xxxx</InternalAddress>	O	1	40	string	Organisation internal address
<DDI>xxxx</DDI>	O	1	20	string	Direct dial telephone number
<Switchboard>xxxx</Switchboard>	O	1	20	string	Switchboard telephone number
<Fax>xxxx</Fax>	O	1	20	string	Fax number
<Telex>xxxx</Telex>	O	1	20	string	Telex number
<Email>xxxx</Email>	O	1	40	string	Email address
<Mobile>xxxx</Mobile>	O	1	20	string	Mobile telephone number
</Contact>	-	-			End tag
</Supplier>	-	-			End tag

Notes

1. It is strongly recommended that the Buyer's code for the Supplier and/or the GLN/DUNS is always supplied.

2. Although it is allowed, it would not be usual to use both free-format address details (AddressLine) and the specific address elements (Street, City etc.) at the same time. It is recommended that they are not mixed.

Example

```
<Supplier>
  <SupplierReferences>
    <BuyersCodeForSupplier>STATSUPP</BuyersCodeForSupplier>
    <GLN>5012345654321</GLN>
  </SupplierReferences>
  <Party>Stationery Supply Company Ltd.</Party>
  <Address>
    <Street>Unit 2, First Avenue</Street>
    <Street>Universal Trading Estate</Street>
    <City>Reading</City>
    <State>Berks</State>
    <PostCode>RG1 1XX</PostCode>
    <Country Code='GB'>United Kingdom</Country>
  </Address>
</Supplier>
```

Buyer

Description: Buyer details.				
Usage: Optional				
Occurs: 0..1				

Element/Attribute	Use	Max	Len	Type	Description
<Buyer>					
<BuyerReferences>	R	1			Buyer codes
<SuppliersCodeForBuyer> SUPP0001 </SuppliersCodeForBuyer>	D	1	20	string	Supplier's code for the Buyer (e.g. an account code)
<BuyersCodeForBuyer>BY</BuyersCodeForBuyer>	O	1	20	string	Buyer's code for the Buyer
<TaxNumber>123456789</TaxNumber>	O	1	20	string	Tax registration number (e.g. VAT)
<GLN>50123456543210</GLN>	D	1	20	string	Location code (e.g. ANA number)
<DUNS>501234565432101</DUNS>	D	1	14	string	Dun and Bradstreet company id
<Organisation>ORG00001</Organisation>	O	1	20	string	Organisation
</BuyerReferences>	-	-			End tag
<Party>Global Trading Limited</Party>	M	*			Buyer (company) name
<Address>	R	1			Postal address
<AddressLine>xxxx</AddressLine>	D	*	40	string	Free-format address line
<Street>xxxx</Street>	D	*	40	string	Street name
<City>xxxx</City>	D	1	40	string	Town or city
<State>xxxx</State>	D	1	40	string	County, state, region
<PostCode>xxxx</PostCode>	D	1	20	string	Postal code
<Country Code="GB" Codelist="ISO"> United Kingdom </Country>	O R O	1	40	string	Country Country as a code *Maintainer of the code list* Country as text
</Address>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
<Contact>	O	*			Buyer contact(s)
<Name>xxxx</Name>	O	1	40	string	Contact name
<Department>xxxx</Department>	O	1	40	string	Contact department
<Section>xxxx</Section>	O	1	40	string	Contact section
<UserID>xxxx</UserID>	O	1	20	string	Contact identifier
<InternalAddress>xxxx</InternalAddress>	O	1	40	string	Organisation internal address
<DDI>xxxx</DDI>	O	1	20	string	Direct dial telephone number
<Switchboard>xxxx</Switchboard>	O	1	20	string	Switchboard telephone number
<Fax>xxxx</Fax>	O	1	20	string	Fax number
<Telex>xxxx</Telex>	O	1	20	string	Telex number
<Email>xxxx</Email>	O	1	40	string	Email address
<Mobile>xxxx</Mobile>	O	1	20	string	Mobile telephone number
</Contact>	-	-			End tag
</Buyer>	-	-			End tag

Notes

1. It is strongly recommended that the Supplier's code for the Buyer and/or the GLN/DUNS is always supplied.

2. Although it is allowed, it would not be usual to use both free-format address details (AddressLine) and the specific address elements (Street, City etc.) at the same time. It is recommended that they are not mixed.

Example

```
<Buyer>
  <BuyerReferences>
    <SuppliersCodeForBuyer>SCRIBE</SuppliersCodeForBuyer>
    <TaxNumber>GB987654321</TaxNumber>
    <GLN>5012345678901</GLN>
  </BuyerReferences>
  <Party>Scribe Stationers Ltd</Party>
  <Address>
    <Street>Scribe House</Street>
    <Street>Inkwell Road</Street>
    <City>Manchester</City>
    <PostCode>M12 3AB</PostCode>
    <Country Code='GB'>United Kingdom</Country>
  </Address>
  <Contact>
    <Name>Peter Jones</Name>
    <Department>Purchasing</Department>
    <InternalAddress>Room 2</InternalAddress>
    <DDI>0161 234 5678</DDI>
    <Switchboard>0161 234 5000</Switchboard>
    <Fax>0161 235 7890</Fax>
    <Email>peter.jones@scribe.co.uk</Email>
    <Mobile>07957 34567</Mobile>
  </Contact>
</Buyer>
```

Delivery

Description: Delivery details. Note: This element appears at both header and line level.					
Usage: Optional					
Occurs: 0..*					

Element/Attribute	Use	Max	Len	Type	Description
<Delivery>					
<DeliverTo>	O	1			Consignee details
. . .					See following section
</DeliverTo>	-	-			End tag
<DeliverFrom>	O	1			Consignor details
. . .					See following section
</DeliverFrom>	-	-			End tag
<Carrier>	O	1			Carrier details
. . .					See following section
</Carrier>	-	-			End tag

<Quantity
    UOMCode="UUU"
    UOMDescription="eeeeee"
    UOMCodelist="ISO">
	O	1			Quantity information

<Packsize>xxxx</Packsize>	O	1	20	string	Details of quantity in a pack
<Amount>xxxx</Amount>	O	1		float	The number of traded units
</Quantity>	-	-			End tag
<EarliestAcceptableDate> yyyy-mm-dd </EarliestAcceptableDate>	O	1		date or dateTime	Earliest date (and time) of delivery
<LatestAcceptableDate> yyyy-mm-dd </LatestAcceptableDate>	O	1		date or dateTime	Latest date (and time) of delivery

Element/Attribute	Use	Max	Len	Type	Description
<PreferredDate>yyyy-mm-dd</PreferredDate>	O	1		date	Preferred date of delivery
<SpecialInstructions>xxxx</SpecialInstructions>	O	*	80	string	Special order instructions
<DeliveryInformation>xxxx</DeliveryInformation>	O	*	80	string	Delivery information (text)
<Narrative>xxxx</Narrative>	O	*	80	string	Other delivery information (text)
</Delivery>	-	-			End tag

Notes

1. For an explanation of the contents of the elements Packsize and Amount, see the discussion on quantities and prices in the Business Rules section of this document.

2. Dates may include a time, if required. If so, it should be added as specified in ISO 8601.

3. It is common practice to use the element EarliestAcceptableDate to hold the requested delivery date when there is only a single delivery date, although element PreferredDate could also be used for this.

Example

```
<Delivery>
  <DeliverTo>
    <DeliverToReferences>
      <BuyersCodeForLocation>LONGSIGHT</BuyersCodeForLocation>
      <GLN>5678901234</GLN>
    </DeliverToReferences>
    <Party>Scribe Stationers - Longsight Depot</Party>
    <Address>
      <Street>12-16 First Avenue</Street>
      <City>Manchester</City>
      <PostCode>M13 5OP</PostCode>
      <Country Code='GB'>United Kingdom</Country>
    </Address>
    <Contact>
      <Name>Colin Davies</Name>
      <Department>Goods Inward</Department>
      <InternalAddress>Warehouse</InternalAddress>
      <DDI>0161 357 9246</DDI>
      <Fax>0161 357 9876</Fax>
    </Contact>
  </DeliverTo>
```

```
    <DeliverFrom>
      <DeliverFromReferences>
        <BuyersCodeForLocation>DIRECT</BuyersCodeForLocation>
      </DeliverFromReferences>
      <Party>Universal Manufacturing Limited</Party>
      <Contact>
        <Name>Henry Wood</Name>
        <Department>Despatch</Department>
        <DDI>0121 0987 6543</DDI>
      </Contact>
    </DeliverFrom>
    <Carrier>
      <CarrierReferences>
        <BuyersCodeForCarrier>PE-W1</BuyersCodeForCarrier>
        <GLN>34567</GLN>
      </CarrierReferences>
      <Party>Pony Express</Party>
      <Address>
        <Street>12 Palomino Road</Street>
        <City>Warrington</City>
        <State>Cheshire</State>
        <PostCode>WA12 3PE</PostCode>
      </Address>
      <Contact>
        <Name>Peter Parker</Name>
        <Department>Logistics</Department>
        <DDI>01925 678 9012</DDI>
        <Switchboard>01925 678 9000</Switchboard>
        <Fax>01925 678 9001</Fax>
        <Email>pparker@pe.com</Email>
      </Contact>
    </Carrier>
    <EarliestAcceptableDate>2000-06-07T18:39:09</EarliestAcceptableDate>
    <LatestAcceptableDate>2000-07-07</LatestAcceptableDate>
    <PreferredDate>2000-06-07</PreferredDate>
    <SpecialInstructions>Deliver by 3 Ton Truck only</SpecialInstructions>
    <DeliveryInformation>Deliver between 8.00 and 10.00</DeliveryInformation>
    <Narrative>Parking problems in Global Road</Narrative>
  </Delivery>
```

DeliverTo

Description: Consignee details.		
Usage:	Optional	
Occurs:	0..1	

Element/Attribute	Use	Max	Len	Type	Description
\<DeliverTo\>					
\< DeliverToReferences\>	R	1			Consignee codes
\<BuyersCodeForDelivery /\>	*O*	*1*			*Buyer's reference for this delivery*
\<BuyersCodeForLocation\> HOUNSLOW \</BuyersCodeForLocation\>	D	1	20	string	Buyer's code for the delivery location (e.g. warehouse town)
\<GLN\>50123456543210\</GLN\>	D	1	20	string	Location code (e.g. ANA number)
\<DUNS\>501234565432101\</DUNS\>	D	1	14	string	Dun and Bradstreet company id
\</DeliverToReferences\>	-	-			End tag
\<Party\>Global Trading Limited\</Party\>	M	*	40	string	Consignee (company) name
\<Address\>	R	1		string	Postal address
\<AddressLine\>xxxx\</AddressLine\>	D	*	40	string	Free-format address line
\<Street\>xxxx\</Street\>	D	*	40	string	Street name
\<City\>xxxx\</City\>	D	1	40	string	Town or city
\<State\>xxxx\</State\>	D	1	40	string	County, state, region
\<PostCode\>xxxx\</PostCode\>	D	1	20	string	Postal code
\<Country Code="GB" *Codelist="ISO"\>* United Kingdom \</Country\>	O R *O*	1	40	string	Country Country as a code *Maintainer of the code list* Country as text
\</Address\>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
<Location>xxxx</Location>	O	1	40	string	Location within the address
<Contact>	O	*			Consignee contact(s)
<Name>xxxx</Name>	O	1	40	string	Contact name
<Department>xxxx</Department>	O	1	40	string	Contact department
<InternalAddress>xxxx</InternalAddress>	O	1	40	string	Organisation internal address
<DDI>xxxx</DDI>	O	1	20	string	Direct dial telephone number
<Switchboard>xxxx</Switchboard>	O	1	20	string	Switchboard telephone number
<Fax>xxxx</Fax>	O	1	20	string	Fax number
<Telex>xxxx</Telex>	O	1	20	string	Telex number
<Email>xxxx</Email>	O	1	40	string	Email address
<Mobile>xxxx</Mobile>	O	1	20	string	Mobile telephone number
</Contact>	-	-			End tag
</DeliverTo>	-	-			End tag

Notes

1. It is strongly recommended that the Buyer's code for the location and/or the GLN/DUNS is always supplied.

2. Although it is allowed, it would not be usual to use both free-format address details (AddressLine) and the specific address elements (Street, City etc.) at the same time. It is recommended that they are not mixed.

Example

```
<DeliverTo>
     <DeliverToReferences>
       <BuyersCodeForLocation>LONGSIGHT</BuyersCodeForLocation>
       <GLN>5678901234</GLN>
     </DeliverToReferences>
     <Party>Scribe Stationers - Longsight Depot</Party>
     <Address>
       <Street>12-16 First Avenue</Street>
       <City>Manchester</City>
       <PostCode>M13 5OP</PostCode>
       <Country Code='GB'>United Kingdom</Country>
     </Address>
     <Location>Back Door</Location>
     <Contact>
       <Name>Colin Davies</Name>
       <Department>Goods Inward</Department>
       <InternalAddress>Warehouse</InternalAddress>
       <DDI>0161 357 9246</DDI>
       <Fax>0161 357 9876</Fax>
     </Contact>
   </DeliverTo>
```

DeliverFrom

Description: Consignor details.					
Usage: Optional					
Occurs: 0..1					

Element/Attribute	Use	Max	Len	Type	Description
\<DeliverFrom>					
< DeliverFromReferences>	O	1			Consignor codes
\<SuppliersCodeForLocation> UML-WFD \</SuppliersCodeForLocation>	O	1	20	string	Supplier's code for the delivery location (e.g. warehouse town)
\<BuyersCodeForLocation> WATFORD \</BuyersCodeForLocation>	O	1	20	string	Buyer's code for the delivery location (e.g. warehouse town)
\<GLN>50123456543210\</GLN>	O	1	20	string	Location code (e.g. ANA number)
\<DUNS>501234565432101\</DUNS>	O	1	14	string	Dun and Bradstreet company id
\</DeliverFromReferences>	-	-			End tag
\<Party>Universal Manufacturing Limited\</Party>	M	*	40	string	Consignor (company) name
\<Address>	R	1			Postal address
\<AddressLine>xxxx\</AddressLine>	D	*	40	string	Free-format address line
\<Street>xxxx\</Street>	D	*	40	string	Street name
\<City>xxxx\</City>	D	1	40	string	Town or city
\<State>xxxx\</State>	D	1	40	string	County, state, region
\<PostCode>xxxx\</PostCode>	D	1	20	string	Postal code
\<Country Code="GB" *Codelist="ISO">* United Kingdom \</Country>	O R *O*	1	40	string	Country Country as a code *Maintainer of the code list* Country as text
\</Address>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
<Location>xxxx</Location>	O	1	40	string	Location within the address
<Contact>	O	*			Consignee contact(s)
<Name>xxxx</Name>	O	1	40	string	Contact name
<Department>xxxx</Department>	O	1	40	string	Contact department
<InternalAddress>xxxx</InternalAddress>	O	1	40	string	Organisation internal address
<DDI>xxxx</DDI>	O	1	20	string	Direct dial telephone number
<Switchboard>xxxx</Switchboard>	O	1	20	string	Switchboard telephone number
<Fax>xxxx</Fax>	O	1	20	string	Fax number
<Telex>xxxx</Telex>	O	1	20	string	Telex number
<Email>xxxx</Email>	O	1	40	string	Email address
<Mobile>xxxx</Mobile>	O	1	20	string	Mobile telephone number
</Contact>	-	-			End tag
</DeliverFrom>	-	-			End tag

Notes

1. Although it is allowed, it would not be usual to use both free-format address details (AddressLine) and the specific address elements (Street, City etc.) at the same time. It is recommended that they are not mixed.

Example

```
<DeliverFrom>
  <DeliverFromReferences>
    <BuyersCodeForLocation>DIRECT</BuyersCodeForLocation>
  </DeliverToReferences>
  <Party>Universal Manufacturing Limited</Party>
  <Contact>
    <Name>Henry Wood</Name>
    <Department>Despatch</Department>
    <DDI>0121 0987 6543</DDI>
  </Contact>
</DeliverFrom>
```

Carrier

Description: Carrier details.	
Usage: Optional	
Occurs: 0..1	

Element/Attribute	Use	Max	Len	Type	Description
\<Carrier\>					
\<CarrierReferences\>	R	1			Carrier codes
\<BuyersCodeForCarrier\> SUPP0001 \</BuyersCodeForCarrier\>	O	1	20	string	Buyer's code for the Carrier (e.g. an account code)
\<GLN\>50123456543210\</GLN\>	O	1	20	string	Location code (e.g. ANA number)
\<DUNS\>501234565432101\</DUNS\>	O	1	14	string	Dun and Bradstreet company id
\</CarrierReferences\>	-	-			End tag
\<Party\>GoAnywhere Transport International\</Party\>	M	*	40	string	Carrier (company) name
\<Address\>	R	1			Postal address
\<AddressLine\>xxxx\</AddressLine\>	D	*	40	string	Free-format address line
\<Street\>xxxx\</Street\>	D	*	40	string	Street name
\<City\>xxxx\</City\>	D	1	40	string	Town or city
\<State\>xxxx\</State\>	D	1	40	string	County, state, region
\<PostCode\>xxxx\</PostCode\>	D	1	20	string	Postal code
\<Country Code="GB" *Codelist="ISO"*\> United Kingdom \</Country\>	O R *O*	1	40	string	Country Country as a code *Maintainer of the code list* Country as text
\</Address\>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
<Contact>	O	*			Carrier contact(s)
<Name>xxxx</Name>	O	1	40	string	Contact name
<Department>xxxx</Department>	O	1	40	string	Contact department
<InternalAddress>xxxx</InternalAddress>	O	1	40	string	Organisation internal address
<DDI>xxxx</DDI>	O	1	20	string	Direct dial telephone number
<Switchboard>xxxx</Switchboard>	O	1	20	string	Switchboard telephone number
<Fax>xxxx</Fax>	O	1	20	string	Fax number
<Telex>xxxx</Telex>	O	1	20	string	Telex number
<Email>xxxx</Email>	O	1	40	string	Email address
<Mobile>xxxx</Mobile>	O	1	20	string	Mobile telephone number
</Contact>	-	-			End tag
</Carrier>	-	-			End tag

Notes

1. Although it is allowed, it would not be usual to use both free-format address details (AddressLine) and the specific address elements (Street, City etc.) at the same time. It is recommended that they are not mixed.

Example

```
<Carrier>
  <CarrierReferences>
    <BuyersCodeForCarrier>PE-W1</BuyersCodeForCarrier>
    <GLN>34567</GLN>
  </CarrierReferences>
  <Party>Pony Express</Party>
  <Address>
    <Street>12 Palomino Road</Street>
    <City>Warrington</City>
    <State>Cheshire</State>
    <PostCode>WA12 3PE</PostCode>
    <Country Code='GB'>United Kingdom</Country>
  </Address>
  <Contact>
    <Name>Peter Parker</Name>
    <Department>Logistics</Department>
    <DDI>01925 678 9012</DDI>
    <Switchboard>01925 678 9000</Switchboard>
    <Fax>01925 678 9001</Fax>
    <Email>pparker@pe.com</Email>
  </Contact>
</Carrier>
```

InvoiceTo

Description:	Invoicee details.
Usage:	Mandatory
Occurs:	1..1

Element/Attribute	Use	Max	Len	Type	Description
\<InvoiceTo\>					
\<InvoiceToReferences\>	O	1			Invoicee codes
\<GLN\>50123456543210\</GLN\>	O	1	20	string	Location code (e.g. ANA number)
\<DUNS\>501234565432101\</DUNS\>	O	1	14	string	Dun and Bradstreet company id
\</InvoiceToReferences\>	-	-			End tag
\<Party\>Global Trading Limited\</Party\>	M	*	40	string	Invoicee (company) name
\<Address\>	R	1	40	string	Postal address
\<AddressLine\>xxxx\</AddressLine\>	D	*	40	string	Free-format address line
\<Street\>xxxx\</Street\>	D	*	40	string	Street name
\<City\>xxxx\</City\>	D	1	40	string	Town or city
\<State\>xxxx\</State\>	D	1	40	string	County, state, region
\<PostCode\>xxxx\</PostCode\>	D	1	20	string	Postal code

\<Country
  Code="GB"
  Codelist="ISO"\>
    United Kingdom
\</Country\>
	O
	R
	O
		1	40	string	Country
					Country as a code
					Maintainer of the code list
					Country as text

\</Address\>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
<Contact>	O	*			Invoicee (accounts) contact(s)
<Name>xxxx</Name>	O	1	40	string	Contact name
<Department>xxxx</Department>	O	1	40	string	Contact department
<Section>xxxx</Section>	O	1	40	string	Contact section
<UserID>xxxx</UserID>	O	1	20	string	Contact identifier
<InternalAddress>xxxx</InternalAddress>	O	1	40	string	Organisation internal address
<DDI>xxxx</DDI>	O	1	20	string	Direct dial telephone number
<Switchboard>xxxx</Switchboard>	O	1	20	string	Switchboard telephone number
<Fax>xxxx</Fax>	O	1	20	string	Fax number
<Telex>xxxx</Telex>	O	1	20	string	Telex number
<Email>xxxx</Email>	O	1	40	string	Email address
<Mobile>xxxx</Mobile>	O	1	20	string	Mobile telephone number
</Contact>	-	-			End tag
</InvoiceTo>	-	-			End tag

Notes

1. Although it is allowed, it would not be usual to use both free-format address details (AddressLine) and the specific address elements (Street, City etc.) at the same time. It is recommended that they are not mixed.

Example

```
<InvoiceTo>
  <InvoiceToReferences>
    <GLN>50123456543210</GLN>
  </InvoiceToReferences>
  <Party>Scribe Stationers Ltd</Party>
  <Address>
    <Street>Scribe House</Street>
    <Street>Inkwell Road</Street>
    <City>Manchester</City>
    <PostCode>M12 3AB</PostCode>
    <Country Code='GB'>United Kingdom</Country>
  </Address>
  <Contact>
    <Name>Matthew Smith</Name>
    <Department>Accounts</Department>
    <DDI>0161 234 5656</DDI>
    <Switchboard>0161 234 5000</Switchboard>
  </Contact>
</InvoiceTo>
```

InvoiceLine

Description: Invoice line details.	
Usage: Mandatory	
Occurs: 1..*	

Element/Attribute	Use	Max	Len	Type	Description

<InvoiceLine
   Action="aaa"
   TypeCode="ttt"
   TypeDescription="dddd"
   TypeCodeList="BASDA">
	M
	O
	O
	O
	O
		*			Invoice line details
					Add, Change or Delete
					BASDA type code (e.g. GDS)
					Type as text
					Code list maintainer (BASDA)

<LineNumber
   Preserve="true">
     1
</LineNumber>
	M
	R
		1		integer	Invoice line number
					Value must be returned in replies

<InvoiceLineReferences>	O	1			References for this line
<ContractOrderReference> CON00001 </ContractOrderReference>	O	1	20	string	Contract number
<CostCentre>CC1</CostCentre>	O	1	20	string	Cost centre
<GeneralLedgerCode />	*O*	*1*			*See eBIS-XML specification*

<BuyersOrderNumber
   Preserve="true">
     PO123456
</BuyersOrderNumber>
	R
	R
		1	20	string	Order number (Buyer)
					Send value back in replies

<ProjectCode />	*O*	*1*			*See eBIS-XML specification*
<ProjectAnalysisCode />	*O*	*1*			*See eBIS-XML specification*
<OrderLineNumber>1</OrderLineNumber>	M	1		integer	Line number on the purchase order

Element/Attribute	Use	Max	Len	Type	Description
<BuyersOrderLineReference> Preserve="true"> 1 </BuyersOrderLineReference>	O O	1			Buyer's reference to this order line Send value back in replies
<DeliveryNoteNumber> D-0123 </DeliveryNoteNumber>	R	1		string	Delivery note number
<DeliveryNoteLineNumber />	*O*	*1*		*string*	*Line number on the delivery note*
</InvoiceLineReferences>	-	-			End tag
ANY					See following section
<Product>	R	*			Product codes etc.
<SuppliersProductCode> PR-00001 </SuppliersProductCode>	D	1	20	string	Supplier's own product code
<BuyersProductCode> BPR-00001 </BuyersProductCode>	D	1	20	string	Buyer's own product code
<TradedUnitCode> 5012345654321 </TradedUnitCode>	D	1	20	string	Product code for the traded unit (e.g. EAN-13 bar code)
<ConsumerUnitCode> 5012312312321 </ConsumerUnitCode>	O	1	20	string	Product code for the consumer unit (e.g. EAN-13 bar code)
<Description>Box of 50 BIC pens</Description>	D	1	80	string	Description of the item
<Properties>	O	1			Product Properties
. . .					See following section
</Properties>	-	-			End tag
</Product>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
<Quantity UOMCode="UUU" UOMDescription="eeeeee" UOMCodelist="ISO">	R	1			Quantity information
<Packsize>xxxx</Packsize>	O	1	20	string	Details of quantity in a pack
<Amount>xxxx</Amount>	R	1		float	The number of traded units
</Quantity>	-	-			End tag
<Price UOMCode="UUU" UOMDescription="eeeeee" UOMCodelist="ISO">	R	*			Price information
<Units>10</Units>	O	1			Quantity for the price below
<UnitPrice>25.00</UnitPrice>	M	1			Price for the above quantity
<SpecialPriceDescription> xxxx </SpecialPriceDescription>	O	1			Details if there is a special price
</Price>	-	-			End tag
<PercentDiscount>	O	*			Discount as a percentage
<QualifyingTerms Code="30I" Codelist="BASDA">	O O O	1			Qualifying terms for discount Qualifying terms as a code Maintainer of the code list (default = BASDA)
<PayByDate>yyyy-mm-dd</PayByDate>	M	1		string	Date by which the invoice is to be paid to qualify for the discount
<DaysFromInvoice>20</DaysFromInvoice>	O	1		string	No. of days by which the invoice is to be paid to qualify for the discount
<DaysFromMonthEnd>5</DaysFromMonthEnd>	O	1		string	No. of days by which the invoice is to be paid to qualify for the discount
<DaysFromDelivery>20</DaysFromDelivery>	O	1		string	No. of days by which the invoice is to be paid to qualify for the discount
</QualifyingTerms>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description

<Type
    Code="TRD"
    Codelist="BASDA">
        Trade Discount
</Type>
	O
	O
	O
		1		string	Discount type
					Discount type as a code
					Maintainer of the code list (default = BASDA)
					Discount type as text

<Percentage>10</Percentage>	M	1		float	Discount percentage
</PercentDiscount>	-	-			End tag
<AmountDiscount>	O	*			Discount as an amount

<QualifyingTerms
    Code="30I"
    Codelist="BASDA">
	O
	O
	O
		1			Qualifying terms for discount
					Qualifying terms as a code
					Maintainer of the code list (default = BASDA)

<PayByDate>yyyy-mm-dd</PayByDate>	M	1		string	Date by which the invoice is to be paid to qualify for the discount
<DaysFromInvoice>20</DaysFromInvoice>	O	1		string	No. of days by which the invoice is to be paid to qualify for the discount
<DaysFromMonthEnd>5</DaysFromMonthEnd>	O	1		string	No. of days by which the invoice is to be paid to qualify for the discount
<DaysFromDelivery>20</DaysFromDelivery>	O	1		string	No. of days by which the invoice is to be paid to qualify for the discount
</QualifyingTerms>	-	-			End tag

<Type
    Code="TRD"
    Codelist="BASDA">
        Trade Discount
</Type>
	O
	O
	O
		1		string	Discount type
					Discount type as a code
					Maintainer of the code list (default = BASDA)
					Discount type as text

<Amount>25.00</Amount>	M	1		float	Discount amount
</AmountDiscount>	-	-			End tag

Element/Attribute	Use	Max	Len	Type	Description
<LineTax>	R	1			Tax details for this order line
<MixedRateIndicator>1</MixedRateIndicator>	O	1		string	Mixed tax rate indicator

<TaxRate
    Code="S"
    Codelist="BASDA">
        17.5
</TaxRate>
	M
	M
	O
		1		float	Tax rate
					Tax rate as a code
					Maintainer of the code list
					Tax rate percentage

<TaxValue>12.50</TaxValue>	O	1		float	Tax amount

<TaxRef
    Code="xxx"
    Codelist="zzz">
        xxxx
</TaxRef>
	O	1	20	string	Tax reference

</LineTax>	-	-			End tag
<LineTotal>125.84</LineTotal>	R	1		float	Total line value
<Delivery>	O	*			Scheduled delivery details
. . .					See previous section (header level)
</Delivery>	-	-			End tag
<InvoiceLineInformation>xxx</InvoiceLineInformation>	O	*	80	string	Invoice line information (text)
<ExtendedDescription>xxxx</ExtendedDescription>	O	*	80	string	Long description/specification
<Narrative>xxxx</Narrative>	O	*	80	string	Other order line information (text)
<LotSerial />	*O*	*			*See eBIS-XML specification*
<Intrastat />	*O*	*1*			*See eBIS-XML specification*
</InvoiceLine>	-	-			End tag

Notes

1. It is strongly recommended that some form of product code is supplied unless the order line is for something other than a product (e.g. quality certificate for an item), in which case the description on its own will suffice. For further explanation of the contents of the product code elements under Product, see the discussion on this topic in the Business Rules section of this document.

2. It is strongly recommended that the Buyer's order number is always supplied here for a consolidated invoice. Where an invoice covers a single order only, the Buyer's order number will be at header level.

3. As an invoice usually refers to a delivery, it is also recommended that the Delivery Note Number is supplied in the invoice at either header or line level as appropriate.

4. For an explanation of the contents of the elements under Quantity and Price, see the discussion on quantities and prices in the Business Rules section of this document.

5. Price, LineTax and LineTotal should be considered mandatory for European invoices.

6. LineTotal should contain the total line value including any line discount but excluding tax.

Example

```
<InvoiceLine TypeDescription='Goods &amp; Services' TypeCode='GDS'>
  <LineNumber>1</LineNumber>
  <InvoiceLineReferences>
    <OrderLineNumber>2</OrderLineNumber>
  </InvoiceLineReferences>
  <Product>
    <SuppliersProductCode>SS48372</SuppliersProductCode>
    <BuyersProductCode>SCR-27384</BuyersProductCode>
    <TradedUnitCode>5016192986790</TradedUnitCode>
    <ConsumerUnitCode>4074400410000</ConsumerUnitCode>
    <Description>Tippex 30ml (tray of 20 bottles)</Description>
  </Product>
  <Quantity UOMDescription='Pack' UOMCode='PCK'>
    <Packsize>20</Packsize>
    <Amount>15</Amount>
  </Quantity>
  <Price UOMDescription='Pack' UOMCode='PCK'>
    <UnitPrice>10.00</UnitPrice>
  </Price>
  <LineTax>
    <TaxRate Code="S">17.5</TaxRate>
  </LineTax>
  <LineTotal>150.00</LineTotal>
  <Delivery>
    <PreferredDate>2002-10-31</PreferredDate>
  </Delivery>
</InvoiceLine>
```

ANY (Invoice Line Level)

Description: Other documents/references that are relevant to the invoice line. (See the note about "ANY Sections" on page 2.)	
Usage: Optional	
Occurs: 0..1	

Element/Attribute	Use	Max	Len	Type	Description
<OP:AdditionalInvoiceLineReferences xmlns:OP="urn:schemas-bossfed-co-uk:OP-Invoice-v1">	O M	1			Envelope for additional references

<OP:InvoiceLineReference
    ReferenceType="AAA"
    ReferenceDesc="Bbbb Bbbbb">
	M
	R
	O
		*			Individual reference
					Type of reference as a code (list)
					Type of reference in words

<OP:Reference>XXXX</OP:Reference>	M	1	40	string	The reference itself
<OP:ReferenceDate> yyyy-mm-dd </OP:ReferenceDate>	O	1		date or dateTime	The date (and time) of the reference/document
</OP:InvoiceLineReference>	-	-			End tag
</OP:AdditionalInvoiceLineReferences>	-	-			End tag

Notes

1. The namespace declaration is mandatory for all elements included in the ANY section of an eBIS-XML message and it applies to all child elements and attributes within the outer tag (AdditionalInvoiceLineReferences).

Example

```
<OP:AdditionalInvoiceLineReferences xmlns:OP="urn:schemas-bossfed-co-uk:OP-Invoice-v1">
  <OP:InvoiceLineReference ReferenceDesc="Specification">
    <OP:Reference>SPEC1234/2002</OP:Reference>
    <OP:ReferenceDate>2002-07-30</OP:ReferenceDate>
  </OP:InvoiceLineReference>
</OP:AdditionalInvoiceLineReferences>
```

Description:	Additional dates and/or times that are relevant to the invoice line. (See the note about "ANY Sections" on page 2.)
Usage:	Optional
Occurs:	0..1

Element/Attribute	Use	Max	Len	Type	Description
<OP:AdditionalInvoiceLineDates xmlns:OP="urn:schemas-bossfed-co-uk:OP-Invoice-v1">	O M	1			Envelope for additional dates and/or times

<OP:InvoiceLineDateTime
     DateTimeType="AAA"
     DateTimeDesc="Bbbb Bbbbb">
       yyyy-mm-dd
   </OP:InvoiceLineDateTime>
	M
	R
	O
		*		date, time or
				dateTime
					Individual date/time
					Type of date/time as a code (list)
					Type of date/time in words
					Date, time or date+time

</OP:AdditionalInvoiceLineDates>	-	-			End tag

Notes

1. The namespace declaration is mandatory for all elements included in the ANY section of an eBIS-XML message and it applies to all child elements and attributes within the outer tag (AdditionalInvoiceLineDates).

Example

```
<OP:AdditionalInvoiceLineDates xmlns:OP="urn:schemas-bossfed-co-uk:OP-Invoice-v1">
  <OP:InvoiceLineDateTime DateTimeDesc="Earliest Time for Delivery">10:30:00</OP:InvoiceLineDateTime>
  <OP:InvoiceLineDateTime DateTimeDesc="Latest Time for Delivery">15:00:00</OP:InvoiceLineDateTime>
</OP:AdditionalInvoiceLineDates>
```

Description: Additional text that is relevant to the invoice line. (See the note about "ANY Sections" on page 2.)

Usage: Optional

Occurs: 0..1

Element/Attribute	Use	Max	Len	Type	Description
<OP:AdditionalInvoiceLineText xmlns:OP="urn:schemas-bossfed-co-uk:OP-Invoice-v1">	O M	1			Envelope for additional text

<OP:InvoiceLineText
    TextType="AAA"
    TextDesc="Bbbb Bbbbb">
      Here is some text
  </OP:InvoiceLineText>
	M
	R
	O
		*		string	Individual text item
					Type of text as a code (list)
					Type of text in words

</OP:AdditionalInvoiceLineText>	-	-			End tag

Notes

1. The namespace declaration is mandatory for all elements included in the ANY section of an eBIS-XML message and it applies to all child elements and attributes within the outer tag (AdditionalInvoiceLineText).

Example

```
<OP:AdditionalInvoiceLineText xmlns:OP="urn:schemas-bossfed-co-uk:OP-Invoice-v1">
  <OP:InvoiceLineText TextDesc="Legal Information">Terms and conditions are as specified in the contract</OP:InvoiceLineText>
</OP:AdditionalInvoiceLineText>
```

Properties

Description:	Product properties - e.g. dimensions, weight, colour etc.
Usage:	Optional
Occurs:	0..1

Element/Attribute	Use	Max	Len	Type	Description
\<Properties>					

\<Quantity
   UOMDescription="eeeeee"
   UOMCode="UUU"
   UOMCodelist="ISO">
	O
	O
	O
	O
		1			Quantity information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer

\<Packsize>xxxx\</Packsize>	O	1	20	string	Details of quantity in a pack
\<Amount>xxxx\</Amount>	O	1		float	The number of traded units
\</Quantity>	-	-			End tag

\<Length
   UOMDescription="eeeeee"
   UOMCode="UUU"
   UOMCodelist="ISO">
      20
\</Length>
	O
	O
	O
	O
		1		float	Length information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

\<Width
   UOMDescription="eeeeee"
   UOMCode="UUU"
   UOMCodelist="ISO">
      20
\</Width>
	O
	O
	O
	O
		1		float	Width information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

\<Depth
   UOMDescription="eeeeee"
   UOMCode="UUU"
   UOMCodelist="ISO">
      20
\</Depth>
	O
	O
	O
	O
		1		float	Depth information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

Element/Attribute	Use	Max	Len	Type	Description

<Weight
   UOMDescription="eeeeee"
   UOMCode="UUU"
   UOMCodelist="ISO">
    20
</Weight>
	O
	O
	O
	O
		1		float	Weight information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

<Volume
   UOMDescription="eeeeee"
   UOMCode="UUU"
   UOMCodelist="ISO">
    20
</Volume>
	O
	O
	O
	O
		1		float	Volume information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

<Height
   UOMDescription="eeeeee"
   UOMCode="UUU"
   UOMCodelist="ISO">
    20
</Height>
	O
	O
	O
	O
		1		float	Height information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

<Size
   UOMDescription="eeeeee"
   UOMCode="UUU"
   UOMCodelist="ISO">
    20
</Size>
	O
	O
	O
	O
		1		float	Size information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

<Color
   UOMDescription="eeeeee"
   UOMCode="UUU"
   UOMCodelist="ISO">
    20
</Color>
	O
	O
	O
	O
		1		float	Colour information
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

Element/Attribute	Use	Max	Len	Type	Description

<Other
    Description="dddddddd"
    UOMDescription="eeeeee"
    UOMCode="UUU"
    UOMCodelist="ISO">
        20
  </Other>
	O
	M
	O
	O
	O
		*		string	Other property information
					Description/name of property
					Unit of measure (text)
					Unit of measure (code)
					Code list maintainer
					Value

</Properties>	-	-			End tag

Notes

1. As the Packsize element at line level is purely descriptive, the Quantity element could be used if it was desired to emphasise the number of items in a traded unit (e.g. if clear A4 pockets come in packs of 25).

2. Weight can be either net weight or gross weight. If both are desired, the <Other> property element may be used.

3. Note the American spelling of the "Color" property.

Example

```
<Properties>
  <Length UOMDescription='Metre' UOMCode='MTR'>2</Length>
  <Width UOMDescription='Centimeters' UOMCode='CMT'>50</Width>
  <Depth UOMDescription='Millimeters' UOMCode='MMT'>20</Depth>
  <Weight UOMDescription='Kilograms' UOMCode='KGM'>2</Weight>
  <Volume UOMDescription='Litres' UOMCode='LTR'>27</Volume>
  <Height UOMDescription='Meter' UOMCode='MTR'>9</Height>
  <Size UOMDescription='Inches' UOMCode='INC'>9</Size>
  <Color>Light Oak</Color>
  <Other Description="Pallet Percentage" UOMCode="PCT">25</Other>
</Properties>
```

PercentDiscount (Invoice header level)

Description: Discount as a percentage.
Usage: Optional
Occurs: 0..*

Element/Attribute	Use	Max	Len	Type	Description
<PercentDiscount>					Discount as a percentage

<QualifyingTerms
    Code="30I"
    Codelist="BASDA">
	O
	O
	O
		1			Qualifying terms for discount
					Qualifying terms as a code
					Maintainer of the code list (default = BASDA)

<PayByDate>yyyy-mm-dd</PayByDate>	M	1		string	Date by which the invoice is to be paid to qualify for the discount
<DaysFromInvoice>20</DaysFromInvoice>	O	1		string	No. of days by which the invoice is to be paid to qualify for the discount
<DaysFromMonthEnd>5</DaysFromMonthEnd>	O	1		string	No. of days by which the invoice is to be paid to qualify for the discount
<DaysFromDelivery>20</DaysFromDelivery>	O	1		string	No. of days by which the invoice is to be paid to qualify for the discount
</QualifyingTerms>	-	-			End tag

<Type
    Code="TRD"
    Codelist="BASDA">
        Trade Discount
</Type>
	O
	O
	O
		1		string	Discount type
					Discount type as a code
					Maintainer of the code list (default = BASDA)
					Discount type as text

<Percentage>10</Percentage>	M	1		float	Discount percentage
</PercentDiscount>	-	-			End tag

Example

```
<PercentDiscount>
  <Type Code='VOD'>Volume Discount</Type>
  <Percentage>5</Percentage>
</PercentDiscount>
```

AmountDiscount (Invoice header level)

Description: Discount as an amount.					
Usage: Optional					
Occurs: 0..*					

Element/Attribute	Use	Max	Len	Type	Description
\<AmountDiscount>					Discount as an amount

\<QualifyingTerms
    Code="30I"
    Codelist="BASDA">
	O
	O
	O
		1			Qualifying terms for discount
					Qualifying terms as a code
					Maintainer of the code list (default = BASDA)

\<PayByDate>yyyy-mm-dd\</PayByDate>	M	1		string	Date by which the invoice is to be paid to qualify for the discount
\<DaysFromInvoice>20\</DaysFromInvoice>	O	1		string	No. of days by which the invoice is to be paid to qualify for the discount
\<DaysFromMonthEnd>5\</DaysFromMonthEnd>	O	1		string	No. of days by which the invoice is to be paid to qualify for the discount
\<DaysFromDelivery>20\</DaysFromDelivery>	O	1		string	No. of days by which the invoice is to be paid to qualify for the discount
\</QualifyingTerms>	-	-			End tag

\<Type
    Code="TRD"
    Codelist="BASDA">
      Trade Discount
  \</Type>
	O
	O
	O
		1		string	Discount type
					Discount type as a code
					Maintainer of the code list (default = BASDA)
					Discount type as text

\<Amount>25.00\</Amount>	M	1		float	Discount amount
\</AmountDiscount>	-	-			End tag

Example

```
<AmountDiscount>
  <Type Code='TRD'>Trade Discount</Type>
  <Amount>2.5</Amount>
</AmountDiscount>
```

SpecialInstructions (Invoice header level)

Description:	Special instructions for the whole order.
Usage:	Optional
Occurs:	0..*

Element/Attribute	Use	Max	Len	Type	Description
<SpecialInstructions>xxxx</SpecialInstructions>			80	string	Special order instructions

Example

```
<SpecialInstructions>Please split the delivery</SpecialInstructions>
```

Narrative (Invoice header level)

Description:	The date and time that this order was created.
Usage:	Optional
Occurs:	0..*

Element/Attribute	Use	Max	Len	Type	Description
<Narrative>xxxx</Narrative>			80	string	Other order information (text)

Example

```
<Narrative>Please no knots in the oak panels</Narrative>
```

Settlement

Description:	Details of how the invoice is to be settled.
Usage:	Optional
Occurs:	0..1

Element/Attribute	Use	Max	Len	Type	Description
\<Settlement>					Discount as an amount

\<SettlementTerms
    Code="30I"
    Codelist="BASDA">
	O
	O
	O
		1			Qualifying terms for settlement discount
					Qualifying terms as a code
					Maintainer of the code list (default = BASDA)

\<PayByDate>yyyy-mm-dd\</PayByDate>
    \<DaysFromInvoice>20\</DaysFromInvoice>
    \<DaysFromMonthEnd>5\</DaysFromMonthEnd>
    \<DaysFromDelivery>20\</DaysFromDelivery>
    \<PaidDate>yyyy-mm-dd\</PaidDate>
    \<Description>Paid in full\</Description>
	C
	
		1
		1
		1
		1
		1
		1
				string
				string
				string
				string
				date
				string
					Date by which the invoice is to be paid to qualify for the discount
					No. of days by which the invoice is to be paid to qualify for the discount
					No. of days by which the invoice is to be paid to qualify for the discount
					No. of days by which the invoice is to be paid to qualify for the discount
					Date on which invoice was paid
					Description of terms (Recommended where a code only is used)

\</SettlementTerms>	-	-			End tag

\<SettlementMethod
    Code="CHQ"
    Codelist="BASDA">
    Cheque
\</SettlementMethod>
	O
	O
	O
		1		string	Method by which payment is to be made
					Settlement method as a code
					Maintainer of the code list (default = BASDA)
					Settlement method as text

\<BankDetails />	*O*	*1*			*See eBIS-XML specification*
\<CardDetails />	*O*	*1*			*See eBIS-XML specification*
\<SettlementBy />	*O*	*1*			*See eBIS-XML specification*
\<Contact />	*O*	***			*See eBIS-XML specification*

Element/Attribute	Use	Max	Len	Type	Description

<SettlementDiscount
  Code="30I"
  Codelist="BASDA">
	O
	N
	N
		1			Settlement discount
					Qualifying terms as a code
					Maintainer of the code list (default = BASDA)

<PercentDiscount>	O	*			Discount as a percentage
<QualifyingTerms />	*N*	*1*			*Qualifying terms for discount*
<Type />	*N*	*1*		*string*	*Discount type*
<Percentage>10</Percentage>	M	1		float	Discount percentage
</PercentDiscount>	-	-			End tag
<AmountDiscount>	M	*			Discount as an amount
<QualifyingTerms />	*N*	*1*			*Qualifying terms for discount*
<Type />	*N*	*1*		*string*	*Discount type*
<Amount>25.00</Amount>	M	1		float	Discount amount
</AmountDiscount>	-	-			End tag
</SettlementDiscount>	M	1		float	Discount amount
</Settlement>	-	-			End tag

Notes

1. If the "SettlementTerms" element is present, one and only one of the six elements inside it may be used (it is a "choice" group). Therefore, if a code only is required, it is recommended that the "Description" element contains the terms as a text string - e.g. "30 days from date of invoice".

2. As the settlement terms are contained in their own element group, the "Code" and "Codelist" attributes on the "SettlementDiscount" element and the "QualifyingTerms" and "Type" elements inside both "PercentDiscount" and "AmountDiscount" are redundant and it is recommended that they are not used.

Example

```
<Settlement>
  <SettlementTerms Code='20I'>
    <Description>20 days from date of invoice</Description>
  </SettlementTerms>
  <SettlementDiscount>
    <PercentDiscount>
      <Percentage>10</Percentage>
    </PercentDiscount>
    <AmountDiscount>
      <Amount>23.00</Amount>
    </AmountDiscount>
  </SettlementDiscount>
</Settlement>
```

TaxSubTotal

Description:	Tax sub-totals for the invoice
Usage:	Mandatory
Occurs:	1..*

Element/Attribute	Use	Max	Len	Type	Description
<TaxSubTotal>					Tax sub-total values

<TaxRate
   Code="S"
   Codelist="BASDA">
     17.5
</TaxRate>
	M
	R
	O
		1		float	Tax rate
					Tax rate as a code
					Maintainer of the code list
					Tax rate percentage

<NumberOfLinesAtRate>12</NumberOfLinesAtRate>	M	1		integer	Number of invoice lines at this tax rate
<TotalValueAtRate>1714.06</TotalValueAtRate>	M	1		float	Total of the invoice line values at this tax rate
<SettlementDiscountAtRate> 171.41 </SettlementDiscountAtRate>	O	1		float	Settlement discount value at this tax rate
<TaxableValueAtRate>1542.65</TaxableValueAtRate>	M	1		float	Total amount subject to tax at this rate
<TaxAtRate>269.96</TaxAtRate>	M	1		float	Tax amount payable at this rate
<NetPaymentAtRate>1812.61</NetPaymentAtRate>	M	1		float	Total value including VAT and settlement discount at this rate
<GrossPaymentAtRate>1984.02</GrossPaymentAtRate>	M	1		float	Total value including VAT but without settlement discount at this rate
<TaxCurrency>	M	1			Currency of amounts in the order

<Currency
   Code="GBP"
   Codelist="ISO">
     Pounds Sterling
</Currency>
	M
	R
	O
		1		string	Tax currency
					Currency as a code
					Maintainer of the code list
					Currency as text

<AlternateCurrency />	O	1			*See eBIS-XML specification*
<Rate />	O	1			*See eBIS-XML specification*
</TaxCurrency>	-	-			End tag
</TaxSubTotal>	-	-			End tag

Notes

1. The settlement discount value is mandatory if settlement discount is offered on the invoice.

2. The totals are calculated as follows:
    TaxableValueAtRate = TotalValueAtRate - SettlementDiscountAtRate
    NetPaymentAtRate = TaxableValueAtRate + TaxAtRate
    GrossPaymentAtRate = TotalValueAtRate + TaxAtRate

Example

```
<TaxSubTotal>
  <TaxRate Code='S'>17.5</TaxRate>
  <NumberOfLinesAtRate>12</NumberOfLinesAtRate>
  <TotalValueAtRate>1714.06</TotalValueAtRate>
  <SettlementDiscountAtRate>171.41</SettlementDiscountAtRate>
  <TaxableValueAtRate>1542.65</TaxableValueAtRate>
  <TaxAtRate>269.96</TaxAtRate>
  <NetPaymentAtRate>1812.61</NetPaymentAtRate>
  <GrossPaymentAtRate>1984.02</GrossPaymentAtRate>
  <TaxCurrency>
    <Currency Code='GBP'>Great Britain Pounds Sterling</Currency>
  </TaxCurrency>
</TaxSubTotal>
```

InvoiceTotal

| Description: Total amounts for the invoice |
| Usage: Mandatory |
| Occurs: 1..1 |

Element/Attribute	Use	Max	Len	Type	Description
<InvoiceTotal>					Total values
<NumberOfLines>12</NumberOfLines>	M	1		integer	Number of invoice lines
<NumberOfTaxRates>1</NumberOfTaxRates>	M	1		integer	Number of tax rates on the invoice
<LineValueTotal>1714.06</LineValueTotal>	M	1		float	Total of the invoice line values
<FreightCharges>15.00</FreightCharges>	*N*	*1*		*float*	*Freight charges (see Notes)*
<MiscCharges>2.50</MiscCharges>	*N*	*1*		*float*	*Other charges (see Notes)*
<SettlementDiscountTotal> 171.41 </SettlementDiscountTotal>	O	1		float	Settlement discount value
<TaxableTotal>1542.65</TaxableTotal>	M	1		float	Total amount subject to tax
<TaxTotal>269.96</TaxTotal>	M	1		float	Tax amount payable
<NetPaymentTotal>1812.61</NetPaymentTotal>	M	1		float	Total value including VAT and settlement discount
<GrossPaymentTotal>1984.02</GrossPaymentTotal>	M	1		float	Total value including VAT but without settlement discount
</InvoiceTotal>	-	-			End tag

Notes

1. The "FreightCharges" and "MiscCharges" elements must **not** be used in European invoices as there is no way of specifying the VAT rate associated with these values.

2. The settlement discount value is mandatory if settlement discount is offered on the invoice.

3. The totals are calculated as follows:
    TaxableTotal = LineValueTotal - SettlementDiscountTotal
    NetPaymentTotal = TaxableTotal + TaxTotal
    GrossPaymentTotal = LineValueTotal + TaxTotal

Example

```
<InvoiceTotal>
  <NumberOfLines>12</NumberOfLines>
  <NumberOfTaxRates>1</NumberOfTaxRates>
  <LineValueTotal>1714.06</LineValueTotal>
  <SettlementDiscountTotal>171.41</SettlementDiscountTotal>
  <TaxableTotal>1542.65</TaxableTotal>
  <TaxTotal>269.96</TaxTotal>
  <NetPaymentTotal>1812.61</NetPaymentTotal>
  <GrossPaymentTotal>1984.02</GrossPaymentTotal>
</InvoiceTotal>
```

Invoice Batch

Element	Use	Max	Description
InvoiceBatch	M	1	Root element
Invoice	M	*	Invoice details as in the previous section
TaxBatchTrailer	M	*	Tax sub-totals (by tax rate) for the batch
InvoiceBatchTrailer	M	1	Batch total amounts

TaxBatchTrailer

Description: Tax sub-totals for the batch of invoices					
Usage: Mandatory					
Occurs: 1..*					

Element/Attribute	Use	Max	Len	Type	Description
\<TaxBatchTrailer>					Tax sub-total values
\<SuppliersCodeForBuyer> SUPP0001 \</SuppliersCodeForBuyer>	O	1	20	string	Supplier's code for the Buyer (e.g. an account code)
\<TaxRate Code="S" *Codelist="BASDA">* 17.5 \</TaxRate>	M R *O*	1		float	Tax rate Tax rate as a code *Maintainer of the code list* Tax rate percentage
\<TotalValueAtRate>1714.06\</TotalValueAtRate>	M	1		float	Total of the invoice line values at this tax rate
\<SettlementDiscountAtRate> 171.41 \</SettlementDiscountAtRate>	O	1		float	Settlement discount value at this tax rate
\<TaxableValueAtRate>1542.65\</TaxableValueAtRate>	M	1		float	Total amount subject to tax at this rate
\<TaxAtRate>269.96\</TaxAtRate>	M	1		float	Tax amount payable at this rate
\<NetPaymentAtRate>1812.61\</NetPaymentAtRate>	M	1		float	Total value including VAT and settlement discount at this rate
\<GrossPaymentAtRate>1984.02\</GrossPaymentAtRate>	M	1		float	Total value including VAT but without settlement discount at this rate
\<BatchNumber>123\</BatchNumber>	M	1		integer	Batch identification number
\<NumberOfInvoicesAtRate> 12 \</NumberOfInvoicesAtRate>	M	1		integer	Number of invoices in the batch with lines at this tax rate
\<TaxCurrency>GBP\</TaxCurrency>	M	1		string	ISO currency code
\</TaxBatchTrailer>	-	-			End tag

Notes

1. The settlement discount value is mandatory if settlement discount is offered on the invoice.

2. The totals are calculated as follows:
    TaxableValueAtRate = TotalValueAtRate - SettlementDiscountAtRate
    NetPaymentAtRate = TaxableValueAtRate + TaxAtRate
    GrossPaymentAtRate = TotalValueAtRate + TaxAtRate

Example

```xml
<TaxBatchTrailer>
  <SuppliersCodeForBuyer>DSL001</SuppliersCodeForBuyer>
  <TaxRate Code='S' Codelist='BASDA'>17.5</TaxRate>
  <TotalValueAtRate>420.00</TotalValueAtRate>
  <SettlementDiscountAtRate>20.00</SettlementDiscountAtRate>
  <TaxableValueAtRate>400.00</TaxableValueAtRate>
  <TaxAtRate>70.00</TaxAtRate>
  <NetPaymentAtRate>470.00</NetPaymentAtRate>
  <GrossPaymentAtRate>490.00</GrossPaymentAtRate>
  <BatchNumber>5</BatchNumber>
  <NumberOfInvoicesAtRate>10</NumberOfInvoicesAtRate>
  <TaxCurrency>GBP</TaxCurrency>
</TaxBatchTrailer>
```

InvoiceBatchTrailer

Description:	Total amounts for the batch of invoices
Usage:	Mandatory
Occurs:	1..1

Element/Attribute	Use	Max	Len	Type	Description
\<InvoiceBatchTrailer\>					Total values
\<SuppliersCodeForBuyer\> SUPP0001 \</SuppliersCodeForBuyer\>	O	1	20	string	Supplier's code for the Buyer (e.g. an account code)
\<NumberOfInvoices\>12\</NumberOfInvoices\>	M	1		integer	Number of invoices in the batch
\<LineValueTotal\>1714.06\</LineValueTotal\>	M	1		float	Total of the invoice line values
\<SettlementDiscountTotal\> 171.41 \</SettlementDiscountTotal\>	O	1		float	Settlement discount value
\<TaxableTotal\>1542.65\</TaxableTotal\>	M	1		float	Total amount subject to tax
\<TaxTotal\>269.96\</TaxTotal\>	M	1		float	Tax amount payable
\<NetPaymentTotal\>1812.61\</NetPaymentTotal\>	M	1		float	Total value including VAT and settlement discount
\<GrossPaymentTotal\>1984.02\</GrossPaymentTotal\>	M	1		float	Total value including VAT but without settlement discount
\<BatchNumber\>123\</BatchNumber\>	M	1		integer	Batch identification number
\<InvoiceCurrency\>GBP\</InvoiceCurrency\>	M	1		string	ISO currency code
\</InvoiceBatchTrailer\>	-	-			End tag

Notes

1. The settlement discount value is mandatory if settlement discount is offered on the invoice.

2. The totals are calculated as follows:
   TaxableTotal = LineValueTotal - SettlementDiscountTotal
   NetPaymentTotal = TaxableTotal + TaxTotal
   GrossPaymentTotal = LineValueTotal + TaxTotal

Example

```
<InvoiceBatchTrailer>
  <SuppliersCodeForBuyer>DSL001</SuppliersCodeForBuyer>
  <NumberOfInvoices>25</NumberOfInvoices>
  <LineValueTotal>420.00</LineValueTotal>
  <SettlementDiscountTotal>20.00</SettlementDiscountTotal>
  <TaxableTotal>400.00</TaxableTotal>
  <TaxTotal>70.00</TaxTotal>
  <NetPaymentTotal>470.00</NetPaymentTotal>
  <GrossPaymentTotal>490.00</GrossPaymentTotal>
  <BatchNumber>1234</BatchNumber>
  <InvoiceCurrency>GBP</InvoiceCurrency>
</InvoiceBatchTrailer>
```

Batch Envelope

Element	Use	Max	Description
Batch	M	1	Root element
Order, OrderResponse, Invoice	M	*	Any eBIS-XML message
TaxBatchTrailer	O	*	Tax sub-totals (by tax rate) for the batch
BatchTrailer	M	1	Batch total amounts

<u>Batch</u>

Description:	Outer (root) element for the batch	
Usage:	Mandatory	
Occurs:	1..1	

Element/Attribute	Use	Max	Len	Type	Description

<Batch
   Date="2003-09-30"
   Number="1234"
   SupplierName="Global Supplies Limited"
   DocType="Invoice">
	
	M
	M
	M
	M
				
				date
				integer
				string
				string
					Batch

. . .	M	*			Any eBIS-XML document
<TaxBatchTrailer />	O	*			See below
<BatchTrailer />	M	1			See below
</Batch>	-	-			End tag

Notes

1.   The batch number (Number attribute) is an integer, not a string.

Example

```
<Batch Date="2003-09-30" Number="1234" SupplierName="Global Supplies Limited" DocType="Invoice">
  <Invoice>
   . . .
  </Invoice>
  <Invoice>
   . . .
  </Invoice>
  <TaxBatchTrailer>
   . . .
  </TaxBatchTrailer>
  <BatchTrailer>
   . . .
  </BatchTrailer>
</Batch>
```

TaxBatchTrailer

Description:	Tax sub-totals for the batch
Usage:	Optional
Occurs:	0..*

Element/Attribute	Use	Max	Len	Type	Description
\<TaxBatchTrailer>					Tax sub-total values

\<TaxRate
    Code="S"
    Codelist="BASDA">
        17.5
\</TaxRate>
	R
	R
	O
		1		float	Tax rate
					Tax rate as a code
					Maintainer of the code list
					Tax rate percentage

\<TotalValueAtRate>1714.06\</TotalValueAtRate>	R	1		float	Total of the document line values at this tax rate
\<SettlementDiscountAtRate> 171.41 \</SettlementDiscountAtRate>	O	1		float	Settlement discount value at this tax rate
\<TaxableValueAtRate>1542.65\</TaxableValueAtRate>	R	1		float	Total amount subject to tax at this rate
\<TaxAtRate>269.96\</TaxAtRate>	R	1		float	Tax amount payable at this rate
\<NetPaymentAtRate>1812.61\</NetPaymentAtRate>	R	1		float	Total value including VAT and settlement discount at this rate
\<GrossPaymentAtRate>1984.02\</GrossPaymentAtRate>	R	1		float	Total value including VAT but without settlement discount at this rate
\<NumberOfItemsAtRate>12\</NumberOfItemsAtRate>	M	1		integer	Number of documents in the batch with lines at this tax rate
\<TaxCurrency>	M	1			Currency details for this tax rate

\<Currency
    Code="GBP"
    Codelist="ISO">
        Pounds Sterling
\</Currency>
	M
	R
	O
		1		string	Currency
					Currency as a code
					Maintainer of the code list
					Currency as text

\<AlternateCurrency />	*O*	*1*			*See eBIS-XML specification*
\<Rate />	*O*	*1*			*See eBIS-XML specification*
\</TaxCurrency>	-	-			
\</TaxBatchTrailer>	-	-			End tag

Notes

1. Although this element is specified as being optional, it is mandatory for invoices within the EU.

2. Although most of the elements within the TaxBatchTrailer are specified as optional (including the tax rate), users are strongly advised that, at minimum, the elements marked as recommended above should be populated. For invoices within the EU, those recommended elements become mandatory.

3. The settlement discount value is mandatory for invoices within the EU if settlement discount is offered on the invoices.

4. The totals are calculated as follows:
    TaxableValueAtRate = TotalValueAtRate - SettlementDiscountAtRate
    NetPaymentAtRate = TaxableValueAtRate + TaxAtRate
    GrossPaymentAtRate = TotalValueAtRate + TaxAtRate

Example

```
<TaxBatchTrailer>
  <TaxRate Code='S' Codelist='BASDA'>17.5</TaxRate>
  <TotalValueAtRate>420.00</TotalValueAtRate>
  <SettlementDiscountAtRate>20.00</SettlementDiscountAtRate>
  <TaxableValueAtRate>400.00</TaxableValueAtRate>
  <TaxAtRate>70.00</TaxAtRate>
  <NetPaymentAtRate>470.00</NetPaymentAtRate>
  <GrossPaymentAtRate>490.00</GrossPaymentAtRate>
  <NumberOfItemsAtRate>10</NumberOfItemsAtRate>
  <TaxCurrency>
    <Currency Code="GBP">Pounds Sterling</Currency>
  </TaxCurrency>
</TaxBatchTrailer>
```

BatchTrailer

Description:	Total amounts for the batch
Usage:	Mandatory
Occurs:	1..1

Element/Attribute	Use	Max	Len	Type	Description
<BatchTrailer>					Total values
<SuppliersCodeForBuyer> SUPP0001 </SuppliersCodeForBuyer>	O	1	20	string	Supplier's code for the Buyer (e.g. an account code)
<TotalNumberOfItems>12</TotalNumberOfItems>	R	1		integer	Number of documents in the batch
<TotalValue>1714.06</TotalValue>	R	1		float	Total of the line values
<SettlementDiscountTotal> 171.41 </SettlementDiscountTotal>	O	1		float	Settlement discount value
<TaxableTotal>1542.65</TaxableTotal>	R	1		float	Total amount subject to tax
<TaxTotal>269.96</TaxTotal>	R	1		float	Tax amount payable
<NetPaymentTotal>1812.61</NetPaymentTotal>	R	1		float	Total value including VAT and settlement discount
<GrossPaymentTotal>1984.02</GrossPaymentTotal>	R	1		float	Total value including VAT but without settlement discount
<ItemCurrency>	M	1			Currency details for these batch totals
<Currency 　　Code="GBP" 　　*Codelist="ISO"*> 　　　Pounds Sterling </Currency>	M R *O*	1		string	Currency Currency as a code *Maintainer of the code list* Currency as text
<AlternateCurrency />	*O*	*1*			*See eBIS-XML specification*
<Rate />	*O*	*1*			*See eBIS-XML specification*
</ItemCurrency>	-	-			
<Checksum>12345</Checksum>	M	1	5	integer	Checksum
</BatchTrailer>	-	-			End tag

Notes

1. Although most of the elements within the BatchTrailer are specified as optional, users are strongly advised that, at minimum, the elements marked as recommended above should be populated. For invoices within the EU, those recommended elements become mandatory.

2. The settlement discount value is mandatory for invoices within the EU if settlement discount is offered on any of the invoices.

3. The totals are calculated as follows:
        TaxableTotal = TotalValue - SettlementDiscountTotal
        NetPaymentTotal = TaxableTotal + TaxTotal
        GrossPaymentTotal = TotalValue + TaxTotal

4. At the time of writing this, the algorithm for the checksum had not been decided. The leading proposal was that the checksum should be the last 5 digits of the sum of the checksums of the individual documents within the batch.

Example

```
<InvoiceBatchTrailer>
  <SuppliersCodeForBuyer>DSL001</SuppliersCodeForBuyer>
  <TotalNumberOfItems>25</TotalNumberOfItems>
  <LineValueTotal>420.00</LineValueTotal>
  <SettlementDiscountTotal>20.00</SettlementDiscountTotal>
  <TaxableTotal>400.00</TaxableTotal>
  <TaxTotal>70.00</TaxTotal>
  <NetPaymentTotal>470.00</NetPaymentTotal>
  <GrossPaymentTotal>490.00</GrossPaymentTotal>
  <ItemCurrency>
    <Currency Code="GBP">Pounds Sterling</Currency>
  </ItemCurrency>
  <Checksum>12345</Checksum>
</InvoiceBatchTrailer>
```

Business Rules

This section serves two purposes: firstly, to describe issues and scenarios that are business-related rather than technical and, secondly, to explain complex usage patterns and interdependencies where these go beyond simple element population. Neither of these can be checked with a simple schema validation and, therefore, it is the responsibility of the applications to implement validation of the topics covered in this section.

Product Codes

On the order/order response/invoice lines there are four product code elements, each of which has a slightly different meaning. These are as follows:

Element	Content
SuppliersProductCode	This is the Supplier's own code for the product as it would appear in a stock list or catalogue from that Supplier. This is the preferred code to use.
BuyersProductCode	This is the code that the Buyer uses for the product in his own stock system. Note that it may be meaningless to the Supplier but may be included because the Buyer wishes to see it on documents from the Supplier (e.g. Despatch Notes).
TradedUnitCode	This is the code for the traded unit (what is actually sold by the Supplier) and is usually the bar code. For example, if A4 pads are sold in packs of 10, this should be the code for the pack of 10, not an individual pad.
ConsumerUnitCode	This is the code for the item that is sold to the consumer and again is usually the bar code. In the example given above, this would be the code for the individual A4 pad.

Quantities and Pricing

There are five main elements used in the order/response/invoice for quantity and price/amount information: Quantity/Packsize, Quantity/Amount, Price/UnitPrice, Price/Units and LineTotal. Quantity/Packsize is for information purposes only and can be used to indicate the quantity in a traded unit; Quantity/Amount is the actual ordered quantity (in traded units); Price/UnitPrice is the cost of buying the number of traded units held in element Price/Units (default = 1); LineTotal is the total cost of the line item = ((Amount * Price) / Units).

Examples (all total £32.00)

Scenario	Packsize	Amount	Units	UnitPrice
40 bottles of Tippex sold singly at a cost of 80p per bottle	omitted or 1	40	omitted or 1	0.80
40 bottles of Tippex sold singly at a cost of £8 for 10 bottles	omitted or 1	40	10	8.00
40 bottles of Tippex sold as packs of 10 at a cost of £8 for a pack (10 bottles)	10	4	omitted or 1	8.00
40 bottles of Tippex sold as boxes containing 4 packs of 10 at a cost of £32 for a box (40 bottles)	4 x 10	1	omitted or 1	32.00

Note: Prices should never be quoted for a smaller unit than is actually sold - e.g. In the last two examples, the price should not be given for a single bottle nor should the price be given per pack in the last example.

Preserve Tags and Data Feedback

In the BASDA eBIS-XML order schema it is possible to add a "Preserve" attribute (with value = "true") to certain elements. This indicates that the buyer would prefer that the marked elements are included in any replies such as the order response and/or invoice. However, it should be noted that this is purely advisory and cannot be made compulsory as the recipient may not store those values and therefore would be unable to include them in replies. In addition, although the application receiving the reply could check that data fields marked with the Preserve attribute have been echoed back by the supplier, conventional schema validation cannot do so as such validation is dependant on the contents of a different document.

In the subset of the eBIS-XML Order defined in this document, there are three elements that may carry the Preserve attribute:

1.   OrderReferences/BuyersOrderNumber

2.   OrderReferences/SuppliersOrderReference

3.   OrderLine/LineNumber

It is up to the discretion of the user as to whether to include the Preserve attribute on these elements but it is suggested that 1 and 3 (OrderReferences/BuyersOrderNumber and OrderLine/LineNumber) should always be marked in this way.

Product Substitution (Order Response)

The way of dealing with the situation where a product is substituted for another similar product (e.g. the product ordered has been discontinued but there is a new product with a similar specification) is as follows:

1.   The original order line is marked as deleted in the response;

2.   A line for the new product is added with Action = Add;

3.   The OriginalLineNumber element in the second (additional) line is populated with the line number of the original order line. This will make it more obvious that there has been a substitution.

This also handles the situation where only part of the line is substituted - the first (original) line is marked as changed rather than deleted, the quantity is reduced appropriately and the original ordered quantity is placed in the appropriate element.

Back Orders (Order Response)

The way to deal with back orders for a product that is partially or totally out of stock is to have multiple delivery elements at line level. For example, if a dealer ordered 100 boxes of paperclips but only 60 boxes were in stock, there would be 2 delivery elements: the first for 60 boxes confirming the original delivery date and the second for 40 boxes with, optionally, an estimated delivery date for the balance. If the item is completely out of stock, only one delivery element with an optional estimated delivery date is necessary. In both cases, the code in the Status element should indicate that the item is out of stock/back-ordered.

Additional Charges (Invoice)

Unfortunately, the eBIS-XML invoice does not provide facilities for additional charges so the only way to include these is as extra invoice lines. If the charge is merely being passed on to the customer and it is desired to prohibit any settlement discount from being taken off the charge value, PercentDiscount and/or AmountDiscount elements with a value of zero may be added to the charge line to override the setting at header level.

Frequently Asked Questions

General

What values should I use for currency and country codes?

Currency and country codes should always be ISO codes (3166 and 4217 respectively).

What values should I use for unit of measure codes?

Unit of measure codes should be the values as specified in UN/ECE Recommendation Number 20 - Codes for Units of Measurement used in International Trade (as used in EDIFACT messages) and/or values from TRADACOMS Code list 4 - Measure Indicator. The former list is more comprehensive and is preferred.

What format should dates and times be in?

Dates and times should be in ISO 8601 format. This means that dates (no time) should be in yyyy-mm-dd format, times should be in hh:mm or hh:mm:ss format (see the ISO 8601 standard for details of how to add the time-zone) and a combined date and time should be a date, a capital letter T and then the time. For example, 2002-08-06T14:23:56.

Are address details required if location codes are used?

As with traditional EDI, it is a good idea to have some form of trading partner agreement which lays out details such as this. As a general rule, if the recipients are importing the information directly into their computer system, they probably do not require address details (except perhaps for delivery locations). If they are displaying them on-screen (e.g. in a browser), however, they may prefer to have the full address in the XML message.

Is the delivery address required if it is the same as the Buyer address?

Logically, no. However, as with the question above, the recipient may require it to be specified anyway.

Where do I put data item X?

The eBIS-XML messages are fairly comprehensive so it may be that there is already a place for that data item in the full standard message. (Note that only a core subset of the full messages are described here - check the BASDA documentation for the complete element list.) If an element already exists in the standard eBIS-XML message for data item X then it is strongly recommended that it is used in preference to the **opXML** extensions.

If there is no place in the standard message for your data item, however, then decide whether it is a document reference, a date (should be easy to spot!) or simple text and use the appropriate **opXML** extension element.

If your data item does not fall into any of the above three categories then all is not lost! If it is a simple value (e.g. back-order flag), you can use the reference extension element or, if it somewhat more extensive, you can use the text extension element. Although this was not the intended use of these elements, using them in this slightly non-standard way is preferable to either placing the value in a totally inappropriate element or omitting from the message altogether what may be an important piece of information.

Do I have to implement all three document types? (Order, Order Response & Invoice)?

No. You can implement any one, two or all three document types, although it would be unusual to just do the Order Response!

Order

How would I implement direct despatch?

The manufacturer's name/address/contact details may be placed in the Delivery/DeliverFrom element either at header or line level.

How do I indicate service level (same day/next day/standard delivery)?

There are two ways in which this can be done. Firstly, there is a standard BASDA order type of "RUO" which represents a rush order. This can be used where there are only two levels: same/next day or standard delivery.

Alternatively, if there are several service levels, an **opXML** reference extension element could be used to specify the appropriate service level, either as an agreed code value or as a simple text description.

What is the best practice when it comes to making changes to the Purchase Order?

A complete replacement order should be produced – the order amendment should not just contain the changes! It is good practice to always issue an order amendment in response to an Order Response from your supplier to confirm the new order details.

Order Response

Which fields should I preserve from other documents in the Order Response?

Buyer's order number, Supplier's order number (if given) and order date at header and/or line level as appropriate; original order line number at line level.

How would I implement partial Order Responses?

You should always return a full Order Response (i.e. it should contain all of the lines on the original order) but the Status element may be left blank for lines where the order status is currently unknown.

How would I implement consolidated Order Responses?

Please don't do that! Consolidated Order Responses are not supported.

Invoice

Which fields should I preserve from other documents in Invoice?

Buyer's order number, Supplier's order number (if given), order date and delivery note number at header and/or line level as appropriate; original order line number at line level.

How do I include additional charges on the invoice?

See the appropriate section under Business Rules. In summary, additional charges can only be included as lines on the invoice.

How would I implement partial invoicing?

Partial invoicing relates to the partial fulfilment (requested deliveries) of an order and so there must always be a relationship between the actual delivery and the invoice. The order number should appear at header level and each invoice line related to a particular despatch made against an order line by referencing the appropriate delivery note number and delivery date.

How would I implement consolidated invoicing?

Although consolidated invoicing is preferred by some suppliers, in general most customers do not like it as it can make matching the invoice to orders/deliveries much more difficult. However, if desired, consolidation may be implemented by including the appropriate order number and/or delivery note number at line level rather than at header level in the invoice.

How would I implement invoice batching?

Enclose the invoices inside one of the batch envelopes as described in a previous section. Also see the example.

Does a user require HMC&E approval before adoption?

The standard eBIS-XML invoice has been approved by HMC&E (providing that the FreightCharges and MiscCharges elements in InvoiceTotal are not used) and there is nothing in the **opXML** extensions that should affect that. However, it is always best to check with your local office before implementing electronic invoicing.

Example XML documents

Order

```xml
<?xml version="1.0"?>

<Order xsi:schemaLocation='urn:schemas-basda-org:2000:purchaseOrder:xdr:3.01 order-v3.xsd
                           urn:schemas-bossfed-co-uk:OP-Order-v1 OP-Order-v1.xsd'
       xmlns:xsi='http://www.w3.org/2001/XMLSchema-instance'
       xmlns='urn:schemas-basda-org:2000:purchaseOrder:xdr:3.01'>
  <OrderHead>
    <Schema>
      <Version>3.05</Version>
    </Schema>
    <Parameters>
      <Language>en-GB</Language>
      <DecimalSeparator>.</DecimalSeparator>
      <Precision>12.3</Precision>
    </Parameters>
    <OrderType Code='PUO'>Purchase Order</OrderType>
    <OrderCurrency>
      <Currency Code='GBP'>GB Pounds Sterling</Currency>
    </OrderCurrency>
    <Checksum></Checksum>
  </OrderHead>
  <OrderReferences>
    <ContractOrderReference>FLEXT609</ContractOrderReference>
    <BuyersOrderNumber Preserve='true'>PO123456</BuyersOrderNumber>
    <SuppliersOrderReference Preserve='true'>SO654321</SuppliersOrderReference>
  </OrderReferences>
  <OP:AdditionalOrderReferences xmlns:OP="urn:schemas-bossfed-co-uk:OP-Order-v1">
    <OP:OrderReference ReferenceDesc="Order Type">
      <OP:Reference>PWD</OP:Reference>
    </OP:OrderReference>
  </OP:AdditionalOrderReferences>
  <OrderDate>2002-10-22T10:11:12</OrderDate>
  <Supplier>
    <SupplierReferences>
      <BuyersCodeForSupplier>STATSUPP</BuyersCodeForSupplier>
      <GLN>5012345654321</GLN>
    </SupplierReferences>
    <Party>Stationery Supply Company Ltd.</Party>
    <Address>
      <Street>Unit 2, First Avenue</Street>
      <Street>Universal Trading Estate</Street>
      <City>Reading</City>
      <State>Berks</State>
      <PostCode>RG1 1XX</PostCode>
      <Country Code='GB'>United Kingdom</Country>
    </Address>
  </Supplier>
  <Buyer>
    <BuyerReferences>
      <SuppliersCodeForBuyer>SCRIBE</SuppliersCodeForBuyer>
      <GLN>5012345678901</GLN>
    </BuyerReferences>
    <Party>Scribe Stationers Ltd</Party>
    <Address>
      <Street>Scribe House</Street>
      <Street>Inkwell Road</Street>
      <City>Manchester</City>
      <PostCode>M12 3AB</PostCode>
      <Country Code='GB'>United Kingdom</Country>
    </Address>
    <Contact>
      <Name>Peter Jones</Name>
      <Department>Purchasing</Department>
      <DDI>0161 234 5678</DDI>
      <Switchboard>0161 234 5000</Switchboard>
      <Fax>0161 235 7890</Fax>
    </Contact>
  </Buyer>
```

```
<Delivery>
  <DeliverTo>
    <DeliverToReferences>
      <BuyersCodeForLocation>LONGSIGHT</BuyersCodeForLocation>
    </DeliverToReferences>
    <Party>Scribe Stationers - Longsight Depot</Party>
    <Address>
      <Street>12-16 First Avenue</Street>
      <City>Manchester</City>
      <PostCode>M13 5OP</PostCode>
      <Country Code='GB'>United Kingdom</Country>
    </Address>
    <Contact>
      <Name>Colin Davies</Name>
      <Department>Goods Inward</Department>
      <DDI>0161 357 9246</DDI>
      <Fax>0161 357 9876</Fax>
    </Contact>
  </DeliverTo>
  <DeliverFrom>
    <DeliverFromReferences>
      <BuyersCodeForLocation>DIRECT</BuyersCodeForLocation>
    </DeliverFromReferences>
    <Party>Universal Manufacturing Limited</Party>
    <Contact>
      <Name>Henry Wood</Name>
      <Department>Despatch</Department>
      <DDI>0121 0987 6543</DDI>
    </Contact>
  </DeliverFrom>
  <PreferredDate>2002-11-01</PreferredDate>
  <DeliveryInformation>Deliver between 8.00 and 10.00</DeliveryInformation>
</Delivery>
<InvoiceTo>
  <Party>Scribe Stationers Ltd</Party>
  <Address>
    <Street>Scribe House</Street>
    <Street>Inkwell Road</Street>
    <City>Manchester</City>
    <PostCode>M12 3AB</PostCode>
    <Country Code='GB'>United Kingdom</Country>
  </Address>
  <Contact>
    <Name>Matthew Smith</Name>
    <Department>Accounts</Department>
    <DDI>0161 234 5656</DDI>
    <Switchboard>0161 234 5000</Switchboard>
  </Contact>
</InvoiceTo>
<OrderLine TypeDescription='Goods &amp; Services' Action='Add' TypeCode='GDS'>
  <LineNumber Preserve='true'>1</LineNumber>
  <OrderLineReferences>
    <ContractOrderReference>C2002/0001</ContractOrderReference>
    <CostCentre>CC02</CostCentre>
  </OrderLineReferences>
  <Product>
    <SuppliersProductCode>SS50125</SuppliersProductCode>
    <BuyersProductCode>SCR-52105</BuyersProductCode>
    <TradedUnitCode>5016192986730</TradedUnitCode>
    <ConsumerUnitCode>5016192986741</ConsumerUnitCode>
    <Description>A4 Conference folder (25 pack)</Description>
    <Properties>
      <Length UOMDescription='Centimetre' UOMCode='CMT'>31</Length>
      <Width UOMDescription='Centimetre' UOMCode='CMT'>22</Width>
      <Color>Blue</Color>
    </Properties>
  </Product>
  <Quantity UOMDescription='Piece' UOMCode='PCE'>
    <Packsize>Pack of 25</Packsize>
    <Amount>50</Amount>
  </Quantity>
  <Price UOMDescription='Pack' UOMCode='PCK'>
    <Units>1</Units>
    <UnitPrice>1.50</UnitPrice>
  </Price>
  <LineTotal>75.00</LineTotal>
</OrderLine>
```

```
  <OrderLine TypeDescription='Goods &amp; Services' Action='Add' TypeCode='GDS'>
    <LineNumber Preserve='true'>2</LineNumber>
    <OrderLineReferences>
      <ContractOrderReference>C2002/0002</ContractOrderReference>
      <CostCentre>CC03</CostCentre>
    </OrderLineReferences>
    <OP:AdditionalOrderLineReferences xmlns:OP="urn:schemas-bossfed-co-uk:OP-Order-v1">
      <OP:OrderLineReference ReferenceDesc="Back Order Flag">
        <OP:Reference>Y</OP:Reference>
      </OP:OrderLineReference>
      <OP:OrderLineReference ReferenceDesc="Product Specification">
        <OP:Reference>PS-1234321</OP:Reference>
        <OP:ReferenceDate>2001-11-10</OP:ReferenceDate>
      </OP:OrderLineReference>
    </OP:AdditionalOrderLineReferences>
    <OP:AdditionalOrderLineDates xmlns:OP="urn:schemas-bossfed-co-uk:OP-Order-v1">
      <OP:OrderLineDateTime DateTimeDesc="Earliest Time for Delivery">
         10:30:00
      </OP:OrderLineDateTime>
      <OP:OrderLineDateTime DateTimeDesc="Latest Time for Delivery">
         15:00:00
      </OP:OrderLineDateTime>
    </OP:AdditionalOrderLineDates>
    <Product>
      <SuppliersProductCode>SS48372</SuppliersProductCode>
      <BuyersProductCode>SCR-27384</BuyersProductCode>
      <TradedUnitCode>5016192986790</TradedUnitCode>
      <ConsumerUnitCode>4074400410000</ConsumerUnitCode>
      <Description>Tippex 30ml (tray of 20 bottles)</Description>
      <Properties>
        <Other Description="Pallet Percentage" UOMCode="PCT">25</Other>
      </Properties>
    </Product>
    <Quantity UOMDescription='Pack' UOMCode='PCK'>
      <Packsize>20</Packsize>
      <Amount>15</Amount>
    </Quantity>
    <Price UOMDescription='Pack' UOMCode='PCK'>
      <UnitPrice>10.00</UnitPrice>
    </Price>
    <LineTotal>150.00</LineTotal>
    <Delivery>
      <PreferredDate>2002-10-31</PreferredDate>
    </Delivery>
    <Narrative>As per our telephone conversation</Narrative>
  </OrderLine>
  <OrderTotal>
    <GoodsValue>225.00</GoodsValue>
  </OrderTotal>
</Order>
```

Order Response

```xml
<?xml version="1.0"?>

<OrderResponse
    xsi:schemaLocation='urn:schemas-basda-org:OrderResponse orderResponse-v3.xsd
                        urn:schemas-bossfed-co-uk:OP-OrderResponse-v1 OP-OrderResponse-v1.xsd'
        xmlns:xsi='http://www.w3.org/2001/XMLSchema-instance'
        xmlns='urn:schemas-basda-org:OrderResponse'>
  <OrderResponseHead>
    <Schema>
      <Version>3.05</Version>
    </Schema>
    <Parameters>
      <Language>en-GB</Language>
      <DecimalSeparator>.</DecimalSeparator>
      <Precision>20.2</Precision>
    </Parameters>
    <OrderResponseType Code="POR">Full Acknowledgement</OrderResponseType>
    <OrderCurrency>
      <Currency Code="GBP"> Pounds Sterling</Currency>
    </OrderCurrency>
    <Checksum/>
  </OrderResponseHead>
  <OrderResponseReferences>
    <OrderResponseNumber>SO654321-1</OrderResponseNumber>
    <BuyersOrderNumber Preserve='true'>PO123456</BuyersOrderNumber>
    <SuppliersOrderReference Preserve='true'>SO654321</SuppliersOrderReference>
  </OrderResponseReferences>
  <OP:AdditionalOrderReferences xmlns:OP="urn:schemas-bossfed-co-uk:OP-OrderResponse-v1">
    <OP:OrderReference ReferenceDesc="Order Type">
      <OP:Reference>PWD</OP:Reference>
    </OP:OrderReference>
  </OP:AdditionalOrderReferences>
  <OrderResponseDate>2002-10-22T15:16:17</OrderResponseDate>
  <OriginalOrderDate>2002-10-22T10:11:12</OriginalOrderDate>
  <Supplier>
    <SupplierReferences>
      <BuyersCodeForSupplier>STATSUPP</BuyersCodeForSupplier>
      <GLN>5012345654321</GLN>
    </SupplierReferences>
    <Party>Stationery Supply Company Ltd.</Party>
    <Address>
      <Street>Unit 2, First Avenue</Street>
      <Street>Universal Trading Estate</Street>
      <City>Reading</City>
      <State>Berks</State>
      <PostCode>RG1 1XX</PostCode>
      <Country Code='GB'>United Kingdom</Country>
    </Address>
  </Supplier>
  <Buyer>
    <BuyerReferences>
      <SuppliersCodeForBuyer>SCRIBE</SuppliersCodeForBuyer>
      <GLN>5012345678901</GLN>
    </BuyerReferences>
    <Party>Scribe Stationers Ltd</Party>
    <Address>
      <Street>Scribe House</Street>
      <Street>Inkwell Road</Street>
      <City>Manchester</City>
      <PostCode>M12 3AB</PostCode>
      <Country Code='GB'>United Kingdom</Country>
    </Address>
    <Contact>
      <Name>Peter Jones</Name>
      <Department>Purchasing</Department>
      <DDI>0161 234 5678</DDI>
      <Switchboard>0161 234 5000</Switchboard>
      <Fax>0161 235 7890</Fax>
    </Contact>
  </Buyer>
```

```
    <Delivery>
      <DeliverTo>
        <DeliverToReferences>
          <BuyersCodeForLocation>LONGSIGHT</BuyersCodeForLocation>
        </DeliverToReferences>
        <Party>Scribe Stationers - Longsight Depot</Party>
        <Address>
          <Street>12-16 First Avenue</Street>
          <City>Manchester</City>
          <PostCode>M13 5OP</PostCode>
          <Country Code='GB'>United Kingdom</Country>
        </Address>
        <Contact>
          <Name>Colin Davies</Name>
          <Department>Goods Inward</Department>
          <DDI>0161 357 9246</DDI>
          <Fax>0161 357 9876</Fax>
        </Contact>
      </DeliverTo>
      <DeliverFrom>
        <DeliverFromReferences>
          <BuyersCodeForLocation>DIRECT</BuyersCodeForLocation>
        </DeliverFromReferences>
        <Party>Universal Manufacturing Limited</Party>
        <Contact>
          <Name>Henry Wood</Name>
          <Department>Despatch</Department>
          <DDI>0121 0987 6543</DDI>
        </Contact>
      </DeliverFrom>
      <PreferredDate>2002-11-01</PreferredDate>
    </Delivery>
    <InvoiceTo>
      <Party>Scribe Stationers Ltd</Party>
      <Address>
        <Street>Scribe House</Street>
        <Street>Inkwell Road</Street>
        <City>Manchester</City>
        <PostCode>M12 3AB</PostCode>
        <Country Code='GB'>United Kingdom</Country>
      </Address>
      <Contact>
        <Name>Matthew Smith</Name>
        <Department>Accounts</Department>
        <DDI>0161 234 5656</DDI>
        <Switchboard>0161 234 5000</Switchboard>
      </Contact>
    </InvoiceTo>
    <OrderResponseLine TypeDescription='Goods &amp; Services' Action='Delete' TypeCode='GDS'>
      <LineNumber Preserve='true'>1</LineNumber>
      <Status>Discontinued</Status>
      <Product>
        <SuppliersProductCode>SS50125</SuppliersProductCode>
        <BuyersProductCode>SCR-52105</BuyersProductCode>
        <TradedUnitCode>5016192986730</TradedUnitCode>
        <ConsumerUnitCode>5016192986741</ConsumerUnitCode>
        <Description>A4 Conference folder (25 pack)</Description>
        <Properties>
          <Length UOMDescription='Centimetre' UOMCode='CMT'>31</Length>
          <Width UOMDescription='Centimetre' UOMCode='CMT'>22</Width>
          <Color>Blue</Color>
        </Properties>
      </Product>
      <Quantity UOMDescription='Piece' UOMCode='PCE'>
        <Packsize>Pack of 25</Packsize>
        <Amount>50</Amount>
      </Quantity>
      <Price UOMDescription='Pack' UOMCode='PCK'>
        <Units>1</Units>
        <UnitPrice>1.50</UnitPrice>
      </Price>
      <LineTotal>75.00</LineTotal>
      <OrderLineInformation>
         Note: The product ordered has been discontinued. An equivalent
               product has been added to the order as a replacement.
      </OrderLineInformation>
    </OrderResponseLine>
```

```
  <OrderResponseLine TypeDescription='Goods &amp; Services' TypeCode='GDS'>
    <LineNumber Preserve='true'>2</LineNumber>
    <Status>Out of Stock / Back-Ordered</Status>
    <OP:AdditionalOrderResponseLineReferences
                             xmlns:OP="urn:schemas-bossfed-co-uk:OP-OrderResponse-v1">
      <OP:OrderResponseLineReference ReferenceDesc="Product Specification">
        <OP:Reference>PS-1234321</OP:Reference>
        <OP:ReferenceDate>2001-11-10</OP:ReferenceDate>
      </OP:OrderResponseLineReference>
    </OP:AdditionalOrderResponseLineReferences>
    <Product>
      <SuppliersProductCode>SS48372</SuppliersProductCode>
      <BuyersProductCode>SCR-27384</BuyersProductCode>
      <TradedUnitCode>5016192986790</TradedUnitCode>
      <ConsumerUnitCode>4074400410000</ConsumerUnitCode>
      <Description>Tippex 30ml (tray of 20 bottles)</Description>
    </Product>
    <Quantity UOMDescription='Pack' UOMCode='PCK'>
      <Packsize>20</Packsize>
      <Amount>15</Amount>
    </Quantity>
    <Price UOMDescription='Pack' UOMCode='PCK'>
      <UnitPrice>10.00</UnitPrice>
    </Price>
    <LineTotal>150.00</LineTotal>
    <Delivery>
      <EarliestAcceptableDate>2002-11-25</EarliestAcceptableDate>
    </Delivery>
    <OrderLineInformation>
       Note: The product ordered is out of stock and has been back-ordered.
             See the new projected delivery date.
    </OrderLineInformation>
  </OrderResponseLine>
  <OrderResponseLine TypeDescription='Goods &amp; Services' Action='Add' TypeCode='GDS'>
    <LineNumber Preserve='true'>3</LineNumber>
    <OriginalLineNumber>1</OriginalLineNumber>
    <Status>Replacement for discontinued product</Status>
    <Product>
      <SuppliersProductCode>SS50126</SuppliersProductCode>
      <TradedUnitCode>5016192986748</TradedUnitCode>
      <ConsumerUnitCode>5016192986759</ConsumerUnitCode>
      <Description>A4 Conference folder (25 pack)</Description>
      <Properties>
        <Length UOMDescription='Centimetre' UOMCode='CMT'>31</Length>
        <Width UOMDescription='Centimetre' UOMCode='CMT'>22</Width>
        <Color>Blue</Color>
      </Properties>
    </Product>
    <Quantity UOMDescription='Piece' UOMCode='PCE'>
      <Packsize>Pack of 25</Packsize>
      <Amount>50</Amount>
    </Quantity>
    <Price UOMDescription='Pack' UOMCode='PCK'>
      <Units>1</Units>
      <UnitPrice>1.60</UnitPrice>
    </Price>
    <OriginalPrice UOMDescription='Pack' UOMCode='PCK'>
      <Units>1</Units>
      <UnitPrice>1.50</UnitPrice>
    </OriginalPrice>
    <LineTotal>80.00</LineTotal>
    <OrderLineInformation>
       Note: This replacement has a slightly higher price
             than the discontinued product ordered.
    </OrderLineInformation>
  </OrderResponseLine>
  <OrderResponseTotal>
    <GoodsValue>230.00</GoodsValue>
  </OrderResponseTotal>
</OrderResponse>
```

Invoice

```xml
<?xml version="1.0"?>

<Invoice xmlns='urn:schemas-basda-org:2000:salesInvoice:xdr:3.01'
        xmlns:xsi='http://www.w3.org/2001/XMLSchema-instance'
        xsi:schemaLocation='urn:schemas-basda-org:2000:salesInvoice:xdr:3.01 invoice-v3.xsd
                            urn:schemas-bossfed-co-uk:OP-Invoice-v1 OP-Invoice-v1.xsd'>
    <InvoiceHead>
      <Schema>
        <Version>3.05</Version>
      </Schema>
      <Parameters>
        <Language>en-GB</Language>
        <DecimalSeparator>.</DecimalSeparator>
        <Precision>20.3</Precision>
      </Parameters>
      <InvoiceType Code="INV">Commercial Invoice</InvoiceType>
      <InvoiceCurrency>
        <Currency Code="GBP">GB Pounds Sterling</Currency>
      </InvoiceCurrency>
      <Checksum/>
    </InvoiceHead>
    <InvoiceReferences>
      <BuyersOrderNumber>PO123456</BuyersOrderNumber>
      <SuppliersInvoiceNumber Preserve="true">INV-41390736</SuppliersInvoiceNumber>
      <DeliveryNoteNumber>DN-13579</DeliveryNoteNumber>
    </InvoiceReferences>
    <OP:AdditionalInvoiceDates xmlns:OP="urn:schemas-bossfed-co-uk:OP-Order-v1">
      <OP:InvoiceDateTime DateTimeDesc="Original Order Date">
        2002-10-22T10:11:12
      </OP:InvoiceDateTime>
    </OP:AdditionalInvoiceDates>
    <OP:AdditionalInvoiceText xmlns:OP="urn:schemas-bossfed-co-uk:OP-Invoice-v1">
      <OP:InvoiceText TextDesc="Legal Information">
        Terms and conditions are as specified in the contract
      </OP:InvoiceText>
    </OP:AdditionalInvoiceText>
    <InvoiceDate>2001-12-18</InvoiceDate>
    <TaxPointDate>2001-12-18</TaxPointDate>
    <Supplier>
      <SupplierReferences>
        <BuyersCodeForSupplier>STATSUPP</BuyersCodeForSupplier>
        <GLN>5012345654321</GLN>
      </SupplierReferences>
      <Party>Stationery Supply Company Ltd.</Party>
      <Address>
        <Street>Unit 2, First Avenue</Street>
        <Street>Universal Trading Estate</Street>
        <City>Reading</City>
        <State>Berks</State>
        <PostCode>RG1 1XX</PostCode>
        <Country Code='GB'>United Kingdom</Country>
      </Address>
    </Supplier>
    <Buyer>
      <BuyerReferences>
        <SuppliersCodeForBuyer>SCRIBE</SuppliersCodeForBuyer>
        <GLN>5012345678901</GLN>
      </BuyerReferences>
      <Party>Scribe Stationers Ltd</Party>
      <Address>
        <Street>Scribe House</Street>
        <Street>Inkwell Road</Street>
        <City>Manchester</City>
        <PostCode>M12 3AB</PostCode>
        <Country Code='GB'>United Kingdom</Country>
      </Address>
    </Buyer>
```

```
      <Delivery>
        <DeliverTo>
          <DeliverToReferences>
            <BuyersCodeForLocation>LONGSIGHT</BuyersCodeForLocation>
          </DeliverToReferences>
          <Party>Scribe Stationers - Longsight Depot</Party>
          <Address>
            <Street>12-16 First Avenue</Street>
            <City>Manchester</City>
            <PostCode>M13 5OP</PostCode>
            <Country Code='GB'>United Kingdom</Country>
          </Address>
        </DeliverTo>
        <PreferredDate>2002-11-01</PreferredDate>
      </Delivery>
      <InvoiceTo>
        <Party>Scribe Stationers Ltd</Party>
        <Address>
          <Street>Scribe House</Street>
          <Street>Inkwell Road</Street>
          <City>Manchester</City>
          <PostCode>M12 3AB</PostCode>
          <Country Code='GB'>United Kingdom</Country>
        </Address>
        <Contact>
          <Name>Matthew Smith</Name>
          <Department>Accounts</Department>
          <DDI>0161 234 5656</DDI>
           <Switchboard>0161 234 5000</Switchboard>
        </Contact>
      </InvoiceTo>
      <InvoiceLine TypeDescription='Goods &amp; Services' TypeCode='GDS'>
        <LineNumber>1</LineNumber>
        <InvoiceLineReferences>
          <OrderLineNumber>2</OrderLineNumber>
        </InvoiceLineReferences>
        <OP:AdditionalInvoiceLineReferences xmlns:OP="urn:schemas-bossfed-co-uk:OP-Invoice-v1">
          <OP:InvoiceLineReference ReferenceDesc="Product Specification">
            <OP:Reference>PS-1234321</OP:Reference>
            <OP:ReferenceDate>2001-11-10</OP:ReferenceDate>
          </OP:InvoiceLineReference>
        </OP:AdditionalInvoiceLineReferences>
        <Product>
          <SuppliersProductCode>SS48372</SuppliersProductCode>
          <BuyersProductCode>SCR-27384</BuyersProductCode>
          <Description>Tippex 30ml (tray of 20 bottles)</Description>
        </Product>
        <Quantity UOMDescription='Pack' UOMCode='PCK'>
          <Packsize>20</Packsize>
          <Amount>15</Amount>
        </Quantity>
        <Price UOMDescription='Pack' UOMCode='PCK'>
          <UnitPrice>10.00</UnitPrice>
        </Price>
        <LineTax>
          <TaxRate Code="S">17.5</TaxRate>
        </LineTax>
        <LineTotal>150.00</LineTotal>
      </InvoiceLine>
      <InvoiceLine TypeDescription='Goods &amp; Services' TypeCode='GDS'>
        <LineNumber>2</LineNumber>
        <InvoiceLineReferences>
          <OrderLineNumber>3</OrderLineNumber>
        </InvoiceLineReferences>
        <Product>
          <SuppliersProductCode>SS50126</SuppliersProductCode>
          <TradedUnitCode>5016192986748</TradedUnitCode>
          <Description>A4 Conference folder (25 pack)</Description>
          <Properties>
            <Length UOMDescription='Centimetre' UOMCode='CMT'>31</Length>
            <Width UOMDescription='Centimetre' UOMCode='CMT'>22</Width>
            <Color>Blue</Color>
          </Properties>
        </Product>
```

```
      <Quantity UOMDescription='Piece' UOMCode='PCE'>
        <Packsize>Pack of 25</Packsize>
        <Amount>50</Amount>
      </Quantity>
      <Price UOMDescription='Pack' UOMCode='PCK'>
        <Units>1</Units>
        <UnitPrice>1.60</UnitPrice>
      </Price>
      <LineTax>
        <TaxRate Code="S">17.5</TaxRate>
      </LineTax>
      <LineTotal>80.00</LineTotal>
    </InvoiceLine>
    <Settlement>
      <SettlementTerms Code='30I'>
        <Description>30 days from date of invoice</Description>
      </SettlementTerms>
      <SettlementDiscount>
        <PercentDiscount>
          <Percentage>5</Percentage>
        </PercentDiscount>
        <AmountDiscount>
          <Amount>11.50</Amount>
        </AmountDiscount>
      </SettlementDiscount>
    </Settlement>
    <TaxSubTotal>
      <TaxRate Code="S">17.5</TaxRate>
      <NumberOfLinesAtRate>2</NumberOfLinesAtRate>
      <TotalValueAtRate>230.00</TotalValueAtRate>
      <SettlementDiscountAtRate>11.50</SettlementDiscountAtRate>
      <TaxableValueAtRate>218.50</TaxableValueAtRate>
      <TaxAtRate>38.24</TaxAtRate>
      <NetPaymentAtRate>256.74</NetPaymentAtRate>
      <GrossPaymentAtRate>268.24</GrossPaymentAtRate>
      <TaxCurrency>
        <Currency Code='GBP'>Great Britain Pounds Sterling</Currency>
      </TaxCurrency>
    </TaxSubTotal>
    <InvoiceTotal>
      <NumberOfLines>2</NumberOfLines>
      <NumberOfTaxRates>1</NumberOfTaxRates>
      <LineValueTotal>230.00</LineValueTotal>
      <SettlementDiscountTotal>11.50</SettlementDiscountTotal>
      <TaxableTotal>218.50</TaxableTotal>
      <TaxTotal>38.24</TaxTotal>
      <NetPaymentTotal>256.74</NetPaymentTotal>
      <GrossPaymentTotal>268.24</GrossPaymentTotal>
    </InvoiceTotal>
</Invoice>
```

Invoice (Batch)

```xml
<?xml version="1.0"?>

<InvoiceBatch xmlns='http://www.ebis-xml.net/invoiceBatch-v0.1'
         xmlns:xsi='http://www.w3.org/2001/XMLSchema-instance'
         xsi:schemaLocation='urn:schemas-basda-org:2000:salesInvoice:xdr:3.01 invoice-v3.xsd
                             http://www.ebis-xml.net/invoiceBatch-v0.1 invoiceBatch-v0.1.xsd
                             urn:schemas-bossfed-co-uk:OP-Invoice-v1 OP-Invoice-v1.xsd'>
  <Invoice xmlns='urn:schemas-basda-org:2000:salesInvoice:xdr:3.01'>
    <InvoiceHead>
      <Schema>
        <Version>3.05</Version>
      </Schema>
      <Parameters>
        <Language>en-GB</Language>
        <DecimalSeparator>.</DecimalSeparator>
        <Precision>20.3</Precision>
      </Parameters>
      <InvoiceType Code="INV">Commercial Invoice</InvoiceType>
      <InvoiceCurrency>
        <Currency Code="GBP">GB Pounds Sterling</Currency>
      </InvoiceCurrency>
      <Checksum/>
    </InvoiceHead>
    <InvoiceReferences>
      <BuyersOrderNumber>PO123456</BuyersOrderNumber>
      <SuppliersInvoiceNumber Preserve="true">INV-41390736</SuppliersInvoiceNumber>
      <DeliveryNoteNumber>DN-13579</DeliveryNoteNumber>
    </InvoiceReferences>
    <OP:AdditionalInvoiceDates xmlns:OP="urn:schemas-bossfed-co-uk:OP-Order-v1">
      <OP:InvoiceDateTime DateTimeDesc="Original Order Date">
        2002-10-22T10:11:12
      </OP:InvoiceDateTime>
    </OP:AdditionalInvoiceDates>
    <OP:AdditionalInvoiceText xmlns:OP="urn:schemas-bossfed-co-uk:OP-Invoice-v1">
      <OP:InvoiceText TextDesc="Legal Information">
        Terms and conditions are as specified in the contract
      </OP:InvoiceText>
    </OP:AdditionalInvoiceText>
    <InvoiceDate>2001-12-18</InvoiceDate>
    <TaxPointDate>2001-12-18</TaxPointDate>
    <Supplier>
      <SupplierReferences>
        <BuyersCodeForSupplier>STATSUPP</BuyersCodeForSupplier>
        <GLN>5012345654321</GLN>
      </SupplierReferences>
      <Party>Stationery Supply Company Ltd.</Party>
      <Address>
        <Street>Unit 2, First Avenue</Street>
        <Street>Universal Trading Estate</Street>
        <City>Reading</City>
        <State>Berks</State>
        <PostCode>RG1 1XX</PostCode>
        <Country Code='GB'>United Kingdom</Country>
      </Address>
    </Supplier>
    <Buyer>
      <BuyerReferences>
        <SuppliersCodeForBuyer>SCRIBE</SuppliersCodeForBuyer>
        <GLN>5012345678901</GLN>
      </BuyerReferences>
      <Party>Scribe Stationers Ltd</Party>
      <Address>
        <Street>Scribe House</Street>
        <Street>Inkwell Road</Street>
        <City>Manchester</City>
        <PostCode>M12 3AB</PostCode>
        <Country Code='GB'>United Kingdom</Country>
      </Address>
    </Buyer>
```

```
      <Delivery>
        <DeliverTo>
          <DeliverToReferences>
            <BuyersCodeForLocation>LONGSIGHT</BuyersCodeForLocation>
          </DeliverToReferences>
          <Party>Scribe Stationers - Longsight Depot</Party>
          <Address>
            <Street>12-16 First Avenue</Street>
            <City>Manchester</City>
            <PostCode>M13 5OP</PostCode>
            <Country Code='GB'>United Kingdom</Country>
          </Address>
        </DeliverTo>
        <PreferredDate>2002-11-01</PreferredDate>
      </Delivery>
      <InvoiceTo>
        <Party>Scribe Stationers Ltd</Party>
        <Address>
          <Street>Scribe House</Street>
          <Street>Inkwell Road</Street>
          <City>Manchester</City>
          <PostCode>M12 3AB</PostCode>
          <Country Code='GB'>United Kingdom</Country>
        </Address>
        <Contact>
          <Name>Matthew Smith</Name>
          <Department>Accounts</Department>
          <DDI>0161 234 5656</DDI>
           <Switchboard>0161 234 5000</Switchboard>
        </Contact>
      </InvoiceTo>
      <InvoiceLine TypeDescription='Goods &amp; Services' TypeCode='GDS'>
        <LineNumber>1</LineNumber>
        <InvoiceLineReferences>
          <OrderLineNumber>2</OrderLineNumber>
        </InvoiceLineReferences>
        <OP:AdditionalInvoiceLineReferences xmlns:OP="urn:schemas-bossfed-co-uk:OP-Invoice-v1">
          <OP:InvoiceLineReference ReferenceDesc="Product Specification">
            <OP:Reference>PS-1234321</OP:Reference>
            <OP:ReferenceDate>2001-11-10</OP:ReferenceDate>
          </OP:InvoiceLineReference>
        </OP:AdditionalInvoiceLineReferences>
        <Product>
          <SuppliersProductCode>SS48372</SuppliersProductCode>
          <BuyersProductCode>SCR-27384</BuyersProductCode>
          <Description>Tippex 30ml (tray of 20 bottles)</Description>
        </Product>
        <Quantity UOMDescription='Pack' UOMCode='PCK'>
          <Packsize>20</Packsize>
          <Amount>15</Amount>
        </Quantity>
        <Price UOMDescription='Pack' UOMCode='PCK'>
          <UnitPrice>10.00</UnitPrice>
        </Price>
        <LineTax>
          <TaxRate Code="S">17.5</TaxRate>
        </LineTax>
        <LineTotal>150.00</LineTotal>
      </InvoiceLine>
      <InvoiceLine TypeDescription='Goods &amp; Services' TypeCode='GDS'>
        <LineNumber>2</LineNumber>
        <InvoiceLineReferences>
          <OrderLineNumber>3</OrderLineNumber>
        </InvoiceLineReferences>
        <Product>
          <SuppliersProductCode>SS50126</SuppliersProductCode>
          <TradedUnitCode>5016192986748</TradedUnitCode>
          <Description>A4 Conference folder (25 pack)</Description>
          <Properties>
            <Length UOMDescription='Centimetre' UOMCode='CMT'>31</Length>
            <Width UOMDescription='Centimetre' UOMCode='CMT'>22</Width>
            <Color>Blue</Color>
          </Properties>
        </Product>
```

```xml
      <Quantity UOMDescription='Piece' UOMCode='PCE'>
        <Packsize>Pack of 25</Packsize>
        <Amount>50</Amount>
      </Quantity>
      <Price UOMDescription='Pack' UOMCode='PCK'>
        <Units>1</Units>
        <UnitPrice>1.60</UnitPrice>
      </Price>
      <LineTax>
        <TaxRate Code="S">17.5</TaxRate>
      </LineTax>
      <LineTotal>80.00</LineTotal>
    </InvoiceLine>
    <Settlement>
      <SettlementTerms Code='30I'>
        <Description>30 days from date of invoice</Description>
      </SettlementTerms>
      <SettlementDiscount>
        <PercentDiscount>
          <Percentage>5</Percentage>
        </PercentDiscount>
        <AmountDiscount>
          <Amount>11.50</Amount>
        </AmountDiscount>
      </SettlementDiscount>
    </Settlement>
    <TaxSubTotal>
      <TaxRate Code="S">17.5</TaxRate>
      <NumberOfLinesAtRate>2</NumberOfLinesAtRate>
      <TotalValueAtRate>230.00</TotalValueAtRate>
      <SettlementDiscountAtRate>11.50</SettlementDiscountAtRate>
      <TaxableValueAtRate>218.50</TaxableValueAtRate>
      <TaxAtRate>38.24</TaxAtRate>
      <NetPaymentAtRate>256.74</NetPaymentAtRate>
      <GrossPaymentAtRate>268.24</GrossPaymentAtRate>
      <TaxCurrency>
        <Currency Code='GBP'>Great Britain Pounds Sterling</Currency>
      </TaxCurrency>
    </TaxSubTotal>
    <InvoiceTotal>
      <NumberOfLines>2</NumberOfLines>
      <NumberOfTaxRates>1</NumberOfTaxRates>
      <LineValueTotal>230.00</LineValueTotal>
      <SettlementDiscountTotal>11.50</SettlementDiscountTotal>
      <TaxableTotal>218.50</TaxableTotal>
      <TaxTotal>38.24</TaxTotal>
      <NetPaymentTotal>256.74</NetPaymentTotal>
      <GrossPaymentTotal>268.24</GrossPaymentTotal>
    </InvoiceTotal>
  </Invoice>
  <TaxBatchTrailer>
    <TaxRate Code="S">17.50</TaxRate>
    <TotalValueAtRate>230.00</TotalValueAtRate>
    <SettlementDiscountAtRate>11.50</SettlementDiscountAtRate>
    <TaxableValueAtRate>218.50</TaxableValueAtRate>
    <TaxAtRate>38.24</TaxAtRate>
    <NetPaymentAtRate>256.74</NetPaymentAtRate>
    <GrossPaymentAtRate>268.24</GrossPaymentAtRate>
    <BatchNumber>1234</BatchNumber>
    <NumberOfInvoicesAtRate>1</NumberOfInvoicesAtRate>
    <TaxCurrency>GBP</TaxCurrency>
  </TaxBatchTrailer>
  <InvoiceBatchTrailer>
    <NumberOfInvoices>1</NumberOfInvoices>
    <LineValueTotal>230.00</LineValueTotal>
    <SettlementDiscountTotal>11.50</SettlementDiscountTotal>
    <TaxableTotal>218.50</TaxableTotal>
    <TaxTotal>38.24</TaxTotal>
    <NetPaymentTotal>256.74</NetPaymentTotal>
    <GrossPaymentTotal>268.24</GrossPaymentTotal>
    <BatchNumber>1234</BatchNumber>
    <InvoiceCurrency>GBP</InvoiceCurrency>
  </InvoiceBatchTrailer>
</InvoiceBatch>
```