

Bol.com EDIFACT specification

Orders message

ORDERS



Last update: 01-02-2017

Adjustments by: Mirella Settelaar (bol.com)

Version: 4.0

Contents

Contents.....	2
Overview of entities.....	3
Message	4
UNB, interchange header	4
Header	5
UNH, message header	5
BGM, beginning of message	6
DTM, date/time/period document	7
RFF, reference backorder	8
NAD, name and address buyer	9
RFF, reference buyer	10
NAD, name and address supplier	11
RFF, reference supplier	12
NAD, name and address delivery party	13
NAD, name and address invoicee	14
RFF, reference invoicee	15
CUX, currencies	16
Detail.....	17
LIN, line item.....	17
QTY, quantity.....	18
DTM, date/time/period requested delivery	19
PRI, price details	20
Summary.....	21
UNS, section control.....	21
CNT, control total.....	22
UNT, message trailer.....	23
Example message.....	24

Usage	Min .. max	Element	Format
M	1 .. 1	Message Sender	n13
M	1 .. 1	Message Receiver	n13
M	1 .. 1	Message Date	YYMMDD
M	1 .. 1	Message Time	HHMM
O	0 .. 1	Test indicator	n1
M	1 .. 1	Ordertype	an..3
M	1 .. 1	Ordernumber	an..17
M	1 .. 1	Orderdate	CCYYMMDD
O	0 .. 1	Reference backorder	
M	1 .. 1	Backorder	an..35
M	1 .. 1	Buyer	
M	1 .. 1	GLN	n13
O	0 .. 1	Name	an..35
O	0 .. 1	Street and number	an..35
O	0 .. 1	City	an..35
O	0 .. 1	Postcode	an..9
O	0 .. 1	Country	an2
O	0 .. 1	VAT registration number	an..17
M	1 .. 1	Supplier	
M	1 .. 1	GLN	n13
O	0 .. 1	VAT registration number	an..17
M	1 .. 1	Delivery party	
M	1 .. 1	GLN	n13
O	0 .. 1	Name	an..35
O	0 .. 1	Street and number	an..35
O	0 .. 1	City	an..35
O	0 .. 1	Postcode	an..9
O	0 .. 1	Country	an2
M	1 .. 1	Invoicee	
M	1 .. 1	GLN	n13
O	0 .. 1	Name	an..35
O	0 .. 1	Street and number	an..35
O	0 .. 1	City	an..35
O	0 .. 1	Postcode	an..9
O	0 .. 1	Country	an2
M	1 .. 1	Currency	an..3
M	1 .. 9999	OrderLine	
M	1 .. 1	Line number	n..6
M	1 .. 1	Ordered quantity	n..13
M	1 .. 1	GTIN	n..13
O	0 .. 1	Requested delivery date	CCYYMMDD
M	0 .. 1	Price	
M	1 .. 1	Price	n..15

M = Mandatory

O = Optional

an8 = alphanumeric fixed length of 8 characters

n8 = numeric fixed length of 8 numbers

an..8 = alphanumeric with a minimum of 1 and maximum of 8 characters

n..8 = numeric with a minimum of 1 and maximum of 8 numbers

Message**UNB, interchange header**

Mandatory. To head, identify and specify an interchange.

	<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	
M	UNB010	S001	Syntax identifier	Description: Element to identify the syntax version.
O	UNB010-01	0002	Syntax version number	Description: Element to communicate the syntax version.
M	UNB020	S002	Interchange Sender	Description: Identification of the interchange sender.
M	UNB020-01	0004	Interchange Sender code qualifier	Description: Identification of the interchange sender.
	14		GLN number	
M	UNB030	S003	Interchange Receiver	Description: Identification of the type code of the interchange sender.
M	UNB030-01	0004	Interchange Receiver code qualifier	Description: Identification of the type code of the interchange sender.
	14		GLN number	
M	UNB040	0017	Interchange Date	Description: The date when the interchange is sent
M	UNB040-01	0019	Interchange Time	Description: The time when the interchange is sent
O	UNB050	0020	Interchange control reference	Description: Interchange control reference number
O	UNB0110	0035	Test indicator	Description: To indicate that the interchange is for testing purposes
	1		Test indicator	

UNB+UNOC:3+8711858100010:14+8712423020597:14+150618:0804+20140616471273+++++1'

Header

UNH, message header

Mandatory. To head, identify and specify a message.

	<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>
M	UNH010	0062	Message reference number Description: Unique message reference assigned by the sender.
M	UNH020	S009	MESSAGE IDENTIFIER Description: Identification of the type, version etc. of the message being interchanged.
M	UNH020-01	0065	Message type identifier Description: Code identifying a type of message and assigned by its controlling agency.
		ORDERS	Purchase order message
M	UNH020-02	0052	Message type version number Description: Version number of a message type.
M	UNH020-03	0054	Message type release number Description: Release number within the current message type version number (0052).
M	UNH020-04	0051	Controlling agency Description: Code identifying the agency controlling the specification, maintenance and publication of the message type.
		Code	Name
		UN	UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)
M	UNH020-05	0057	Association assigned code Description: Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.

UNH+1+ORDERS:D:96A:UN:EAN008'

BGM, beginning of message

Mandatory. To indicate the type and function of a message and to transmit the identifying number.

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>
M	BGM010	C002 DOCUMENT/MESSAGE NAME
	Description:	Identification of a type of document/message by code or name. Code preferred.
	Code	Name
	220	Order
M	BGM010-01	1001 Document/message name, coded
	Description:	Document/message identifier expressed in code.
M	BGM020	1004 Document/message number
	Description:	Reference number assigned to the document/message by the issuer.
M	BGM030	1225 Message function, coded
	Description:	Code indicating the function of the message.
	Code	Name
	9	Original

BGM+220+2001839+9'

DTM, date/time/period document

Mandatory. To specify the date/time of order placement.

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>
M	DTM010	C507 DATE/TIME/PERIOD Description: Date and/or time, or period relevant to the specified date/time/period type.
M	DTM010-01	2005 Date/time/period qualifier Description: Code giving specific meaning to a date, time or period.
	Code	Name
	137	Document/message date/time
M	DTM010-02	2380 Date/time/period Description: The value of a date, a date and time, a time or of a period in a specified representation.
M	DTM010-03	2379 Date/time/period format qualifier Description: Specification of the representation of a date, a date and time or of a period.
	Code	Name
	102	CCYYMMDD

DTM+137:20160704:102'

Optional. To specify a reference.

	<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>
M	RFF010	C506	REFERENCE Description: Identification of a reference.
M	RFF010-010	1153	Reference qualifier Description: Code giving specific meaning to a reference segment or a reference number.
	Code	Name	
	ADE	Account number	
M	RFF010-020	1154	Reference number Description: Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

RFF+ADE:BACKORDER-Y'

NAD, name and address buyer

Mandatory. To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

Ref	Tag	Element Name	Status
M	NAD010	3035	Party qualifier Description: Code giving specific meaning to a party.
	Code	Name	
	BY	Buyer	
M	NAD020	C082	PARTY IDENTIFICATION DETAILS Description: Identification of a transaction party by code.
M	NAD020-01	3039	Party id. identification Description: Code identifying a party involved in a transaction.
M	NAD020-03	3055	Code list responsible agency, coded Description: Code identifying the agency responsible for a code list.
	Code	Name	
	9	EAN (International Article Numbering association)	
O	NAD040	C080	PARTY NAME Description: Identification of a transaction party by name, one to five lines. Party name may be formatted.
O	NAD040-01	3036	Party name Description: Name of a party involved in a transaction.
O	NAD050	C059	STREET Description: Street address and/or PO Box number in a structured address: one to three lines.
O	NAD050-01	3042	Street and number/p.o. box Description: Street and number in plain language, or Post Office Box No.
O	NAD050-02	3042	Street and number/p.o. box Description: Street and number in plain language, or Post Office Box No.
O	NAD060	3164	City name Description: Name of a city (a town, a village) for addressing purposes.
O	NAD080	3251	Postcode identification Description: Code defining postal zones or addresses.
O	NAD090	3207	Country, coded Description: Identification of the name of a country or other geographical entity as specified in ISO 3166.

NAD+BY+8712423020597::9++BOL.COM BV+Postbus 8080+Utrecht++3503 RB+NL'

**RFF, reference buyer**

Optional. To specify a reference.

	<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>
M	RFF010	C506	REFERENCE Description: Identification of a reference.
M	RFF010-010	1153	Reference qualifier Description: Code giving specific meaning to a reference segment or a reference number.
	Code	Name	
	VA	VAT registration number	
M	RFF010-020	1154	Reference number Description: Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

RFF+VA:NL1234567890'

NAD, name and address supplier

Mandatory. To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>
M	NAD010	3035	Party qualifier
		Description: Code giving specific meaning to a party.	
	Code	Name	
	SU	Supplier	
M	NAD020	C082	PARTY IDENTIFICATION
		DETAILS Description: Identification of a transaction party by code.	
M	NAD020-01	3039	Party id. identification
		Description: Code identifying a party involved in a transaction.	
M	NAD020-03	3055	Code list responsible agency, coded
		Description: Code identifying the agency responsible for a code list.	
	Code	Name	
	9	EAN (International Article Numbering association)	

NAD+SU+8711858100010::9'

**RFF, reference supplier**

Optional. To specify a reference.

	<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>
M	RFF010	C506	REFERENCE Description: Identification of a reference.
M	RFF010-010	1153	Reference qualifier Description: Code giving specific meaning to a reference segment or a reference number.
		Code	Name
		VA	VAT registration number
M	RFF010-020	1154	Reference number Description: Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

RFF+VA:NL1234584193'

NAD, name and address delivery party

Mandatory. To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

Ref	Tag	Element Name	Status
M	NAD010	3035	Party qualifier Description: Code giving specific meaning to a party.
	Code	Name	
	DP	Delivery party	
M	NAD020	C082	PARTY IDENTIFICATION DETAILS Description: Identification of a transaction party by code.
M	NAD020-01	3039	Party id. identification Description: Code identifying a party involved in a transaction.
M	NAD020-03	3055	Code list responsible agency, coded Description: Code identifying the agency responsible for a code list.
	Code	Name	
	9	EAN (International Article Numbering association)	
O	NAD040	C080	PARTY NAME Description: Identification of a transaction party by name, one to five lines. Party name may be formatted.
O	NAD040-01	3036	Party name Description: Name of a party involved in a transaction.
O	NAD050	C059	STREET Description: Street address and/or PO Box number in a structured address: one to three lines.
O	NAD050-01	3042	Street and number/p.o. box Description: Street and number in plain language, or Post Office Box No.
O	NAD050-02	3042	Street and number/p.o. box Description: Street and number in plain language, or Post Office Box No.
O	NAD060	3164	City name Description: Name of a city (a town, a village) for addressing purposes.
O	NAD080	3251	Postcode identification Description: Code defining postal zones or addresses.
O	NAD090	3207	Country, coded Description: Identification of the name of a country or other geographical entity as specified in ISO 3166.

Docdata

NAD+DP+8712423020603::9++Docdata/Tav Bol.com+Pompweg 1+Waalwijk++5145NC+NL'

Fiege

NAD+DP+8714252001013::9++Bol.com+Koelenhofstraat 3-5+Tiel++4004JR+NL'

Docdata (Non-conveyables)

NAD+DP+8714252028188::9++Bol.com Non-conveyables+Van Harenstraat 1+Waalwijk+5145RH+NL'

Bol.com Fulfillment Center (future location)

NAD+DP+ 8714252028140::9++Bol.com Fulfillment Center+Mechie Trommelenweg 1+Waalwijk++5145ND+NL'

NAD, name and address invoicee

Mandatory. To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>
M	NAD010	3035	Party qualifier Description: Code giving specific meaning to a party.
	Code	Name	
	IV	Invoicee	
M	NAD020	C082	PARTY IDENTIFICATION DETAILS Description: Identification of a transaction party by code.
M	NAD020-01	3039	Party id. identification Description: Code identifying a party involved in a transaction.
M	NAD020-03	3055	Code list responsible agency, coded Description: Code identifying the agency responsible for a code list.
	Code	Name	
	9	EAN (International Article Numbering association)	
O	NAD040	C080	PARTY NAME Description: Identification of a transaction party by name, one to five lines. Party name may be formatted.
O	NAD040-01	3036	Party name Description: Name of a party involved in a transaction.
O	NAD050	C059	STREET Description: Street address and/or PO Box number in a structured address: one to three lines.
O	NAD050-01	3042	Street and number/p.o. box Description: Street and number in plain language, or Post Office Box No.
O	NAD050-02	3042	Street and number/p.o. box Description: Street and number in plain language, or Post Office Box No.
O	NAD060	3164	City name Description: Name of a city (a town, a village) for addressing purposes.
O	NAD080	3251	Postcode identification Description: Code defining postal zones or addresses.
O	NAD090	3207	Country, coded Description: Identification of the name of a country or other geographical entity as specified in ISO 3166.

NAD+IV+8712423020597::9++BOL.COM BV+Postbus 8080+Utrecht++3503 RB+NL'

RFF, reference invoice

Optional. To specify a reference.

Ref Tag Element Name

M RFF010 C506
REFERENCE Description:
Identification of a reference.

M RFF010-010 1153 **Reference qualifier**
Description: Code giving specific meaning to a reference segment or a reference number.

Code	Name
VA	VAT registration number

M RFF010-020 1154 **Reference number**
Description: Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

RFF+VA:NL1234584193'

CUX, currencies

Mandatory. To specify currencies used in the transaction and relevant details for the rate of exchange.

	<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>
M	CUX010	C504	CURRENCY DETAILS Description: The usage to which a currency relates.
M	CUX010-01	6347	Currency details qualifier Description: Specification of the usage to which the currency relates.
	Code	Name	
	2	Reference currency	
M	CUX010-02	6345	Currency, coded Description: Identification of the name or symbol of the monetary unit involved in the transaction.
	Code	Name	
	EUR	Euro	
M	CUX010-03	6343	Currency qualifier Description: Code giving specific meaning to data element 6345 Currency.
	Code	Name	
	9	Order currency	

CUX+2:EUR:9'

Detail**LIN, line item**

Mandatory. To identify a line item and configuration.

	<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	
M	LIN010	1082	Line item number	Description: Serial number designating each separate item within a series of articles.
M	LIN030	C212	ITEM NUMBER IDENTIFICATION	Description: Goods identification for a specified source.
M	LIN030-010	7140	Item number	Description: A number allocated to a group or item.
M	LIN030-020	7143	Item number type, coded	Description: Identification of the type of item number.
	Code		Name	
	EN		International Article Numbering Association (EAN)	

LIN+1++8710103563327:EN'

QTY, quantity

Mandatory. To specify a pertinent quantity.

	<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	
M	QTY010	C186	QUANTITY DETAILS	
	Description: Quantity information in a transaction, qualified when relevant.			
M	QTY010-010	6063	Quantity qualifier	
	Description: Code giving specific meaning to a quantity.			
		Code	Name	
		21	Ordered quantity	
M	QTY010-020	6060	Quantity	
	Description: Numeric value of a quantity.			

QTY+21:3'

DTM, date/time/period requested delivery

Mandatory. To specify date, and/or time, or period.

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>
M	DTM010	C507 DATE/TIME/PERIOD Description: Date and/or time, or period relevant to the specified date/time/period type.
M	DTM010-01	2005 Date/time/period qualifier Description: Code giving specific meaning to a date, time or period.
	Code	Name
	2	Requested delivery date/time
M	DTM010-02	2380 Date/time/period Description: The value of a date, a date and time, a time or of a period in a specified representation.
M	DTM010-03	2379 Date/time/period format qualifier Description: Specification of the representation of a date, a date and time or of a period.
	Code	Name
	102	CCYYMMDD

DTM+2:20160711:102'

PRI, price details

Mandatory. To specify price information.

	Ref	Tag	Element Name
M	PRI010	C509	PRICE INFORMATION Description: Identification of price type, price and related details.
M	PRI010-010	5125	Price qualifier Description: Identification of a type of price.
		Code	Name
		AAA	Calculation net (the price stated is the net price including allowances/charges).
M	PRI010-020	5118	Price Description: The monetary value associated with a purchase or sale of an article, product or service.

PRI+AAA:3.94'

Summary**UNS, section control**

Mandatory. To separate header, detail, and summary sections of a message.

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>
M	UNS010	0081 Section identification
	Description: A character identifying the next section in a message.	
	Code	Name
	S	Detail/summary section separation

UNS+S'

CNT, control total

Mandatory. To provide control total.

	<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>
M	CNT010	C270	CONTROL Description: Control total for checking integrity of a message or part of a message.
M	CNT010-010	6069	Control qualifier Description: Determines the source data elements in the message which forms the basis for 6066 Control value.
		Code	Name
		2	Number of line items in message
M	CNT010-020	6066	Control value Description: Value obtained from summing the values specified by the Control Qualifier throughout the message (Hash total).

CNT+2:3'

UNT, message trailer

Mandatory. To end and check the completeness of a message.

	<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>
M	UNT010	0074	Number of segments in a message Description: Control count of number of segments in a message.
M	UNT020	0062	Message reference number Description: Unique message reference assigned by the sender.

UNT+22+1'

Example message

UNA:+.? '
UNB+UNOC:3+8712423020597:14+8713386784113:14+160704:0511+2050194+++++EANCOM'
UNH+1+ORDERS:D:96A:UN:EAN008'
BGM+220+2050194+9'
DTM+137:20160704:102'
NAD+BY+8712423020597::9++BOL.COM BV+Postbus 8080+Utrecht++3503 RB+NL'
NAD+SU+8713386784113::9'
NAD+DP+8712423020603::9++BOL.COM BV+Pompweg 1+Waalwijk++5145 NC+NL'
NAD+IV+8712423020597::9++BOL.COM BV+Postbus 8080+Utrecht++3503 RB+NL'
RFF+VA:NL1234567890'
CUX+2:EUR:9'
LIN+1++8710103563327:EN'
QTY+21:1'
DTM+2:20160711:102'
PRI+AAA:3.94'
LIN+2++8710103647232:EN'
QTY+21:2'
DTM+2:20160711:102'
PRI+AAA:102.08'
UNS+S'
CNT+2:2'
UNT+20+1'
UNZ+1+2050194'