

**EANCOM<sup>®</sup> 2002, Syntax 3, Edition 2008**

## **ORDERS**

Purchase Order Message

*Message Implementation Guidelines  
- Elaborated for Sportisimo*

Praha – March 2022  
Version 1.03

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This document describes the subset of Purchase Orders Message according to the UN/EDIFACT standard of the EANCOM subset. ORDERS message is specifying details for goods ordered by company Sportisimo.

## Document review

Version	Date	Name	Comments
1.00	31.12.2019	Matoušková A.	Introductory version
1.01	30.6.2020	Matoušková A.	<i>PURCHASE_ORDER_CODE</i> (Purchase order code) string length changed to 20 characters. <i>GLN_SHIP_TO</i> in NAD+UC (GLN of final destination of deliveries) for Cross-Dock orders, it has been changed from item to header.
1.02	31.12.2020	Matoušková A.	<i>PURCHASE_ORDER_CODE</i> (Purchase order code) string length changed to CZ standard 15 characters. Use of test flag allowed.
1.03	1.3.2022	Matoušková A.	New order type 224-Rush order

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# 1. Introduction

## 1.1 *Status of the message*

This document contains implementation guidelines (MIG – Message Implementation Guidelines) for Purchase Order message ORDERS. The message is derived from the UN/EDIFACT standard D.01B Syntax 3 and the EANCOM subset EANCOM 2002 Syntax 3.

MESSAGE TYPE : ORDERS  
REFERENCE DIRECTORY : D.01B  
EANCOM SUBSET VERSION : 010

## 1.2 *Use of the message*

The ORDERS message is used to send an order. The recommended business practice is to send an order to one place of delivery. In the case of cross-docking, the destination of the shipment can be specified in the order line.

The sender of message orders the goods and services from message receiver. Simultaneously gives to the receiver necessary information regarding participating parties and other requirements. GTIN codes are used for identification of goods and services, GLN codes are used for identification of participating parties. GTIN and GLN codes must be known to both parties in advance.

## 2. Structure of the message

### 2.1 Structure of the whole message according to UN/EDIFACT D.01B

Pos	Tag Name	S	R
<b>HEADER SECTION</b>			
0010	UNH Message header	M	1
0020	BGM Beginning of message	M	1
0030	DTM Date/time/period	M	35
0040	PAI Payment instructions	C	1
0050	ALI Additional information	C	5
0060	IMD Item description	C	999
0070	FTX Free text	C	99
0080	GIR Related identification numbers	C	10
0090	Segment group 1	C	9999
0100	RFF Reference	M	1
0110	DTM Date/time/period	C	5
0120	Segment group 2	C	99
0130	NAD Name and address	M	1
0140	LOC Place/location identification	C	99
0150	FII Financial institution information	C	5
0160	Segment group 3	C	99
0170	RFF Reference	M	1
0180	DTM Date/time/period	C	5
0190	Segment group 4	C	5
0200	DOC Document/message details	M	1
0210	DTM Date/time/period	C	5
0220	Segment group 5	C	5
0230	CTA Contact information	M	1
0240	COM Communication contact	C	5
0250	Segment group 6	C	5
0260	TAX Duty/tax/fee details	M	1
0270	MOA Monetary amount	C	1
0280	LOC Place/location identification	C	9
0290	Segment group 7	C	5
0300	CUX Currencies	M	1
0310	PCD Percentage details	C	5
0320	DTM Date/time/period	C	5
0330	Segment group 8	C	10
0340	X PAT Payment terms basis	M	1
0350	DTM Date/time/period	C	5
0360	PCD Percentage details	C	1
0370	Segment group 9	C	9999
0380	MOA Monetary amount	M	1
0390	GIR Related identification numbers	C	9
0400	RJL Accounting journal identification	C	99

0410	Segment group 10	C	10
0420	TDT Details of transport	M	1
0430	Segment group 11	C	10
0440	LOC Place/location identification	M	1
0450	DTM Date/time/period	C	5
0460	Segment group 12	C	5
0470	TOD Terms of delivery or transport	M	1
0480	LOC Place/location identification	C	2
0490	Segment group 13	C	99
0500	PAC Package	M	1
0510	MEA Measurements	C	5
0520	Segment group 14	C	5
0530	PCI Package identification	M	1
0540	RFF Reference	C	1
0550	DTM Date/time/period	C	5
0560	GIN Goods identity number	C	10
0570	Segment group 15	C	10
0580	EQD Equipment details	M	1
0590	HAN Handling instructions	C	5
0600	MEA Measurements	C	5
0610	FTX Free text	C	5
0620	Segment group 16	C	10
0630	SCC Scheduling conditions	M	1
0640	FTX Free text	C	5
0650	RFF Reference	C	5
0660	Segment group 17	C	10
0670	QTY Quantity	M	1
0680	DTM Date/time/period	C	5
0690	Segment group 18	C	25
0700	APR Additional price information	M	1
0710	DTM Date/time/period	C	5
0720	RNG Range details	C	1
0730	Segment group 19	C	99
0740	ALC Allowance or charge	M	1
0750	ALI Additional information	C	5
0760	DTM Date/time/period	C	5
0770	Segment group 20	C	1
0780	QTY Quantity	M	1
0790	RNG Range details	C	1
0800	Segment group 21	C	1
0810	PCD Percentage details	M	1
0820	RNG Range details	C	1
0830	Segment group 22	C	2
0840	MOA Monetary amount	M	1
0850	RNG Range details	C	1
0860	Segment group 23	C	1
0870	RTE Rate details	M	1

0880	RNG Range details	C	1
0890	Segment group 24	C	5
0900	TAX Duty/tax/fee details	M	1
0910	MOA Monetary amount	C	1
0920	Segment group 25	C	999
0930	RCS Requirements and conditions	M	1
0940	RFF Reference	C	5
0950	DTM Date/time/period	C	5
0960	FTX Free text	C	99999
0970	Segment group 26	C	999
0980	DGS Dangerous goods	M	1
0990	FTX Free text	C	5
1000	Segment group 27	C	99
1010	CTA Contact information	M	1
1020	COM Communication contact	C	5

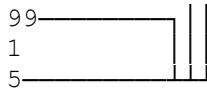
**DETAIL SECTION**

1030	Segment group 28	C	200000
1040	LIN Line item	M	1
1050	PIA Additional product id	C	25
1060	IMD Item description	C	99
1070	MEA Measurements	C	99
1080	QTY Quantity	C	99
1090	PCD Percentage details	C	5
1100	ALI Additional information	C	5
1110	DTM Date/time/period	C	35
1120	MOA Monetary amount	C	10
1130 X	GIS General indicator	C	99
1140	GIN Goods identity number	C	1000
1150	GIR Related identification numbers	C	1000
1160	QVR Quantity variances	C	1
1170	DOC Document/message details	C	99
1180	PAI Payment instructions	C	1
1190	MTD Maintenance operation details	C	99
1200	FTX Free text	C	99
1210	Segment group 29	C	999
1220	CCI Characteristic/class id	M	1
1230	CAV Characteristic value	C	10
1240	MEA Measurements	C	10
1250	Segment group 30	C	10
1260 X	PAT Payment terms basis	M	1
1270	DTM Date/time/period	C	5
1280	PCD Percentage details	C	1
1290	Segment group 31	C	9999
1300	MOA Monetary amount	M	1
1310	GIR Related identification numbers	C	9
1320	Segment group 32	C	25
1330	PRI Price details	M	1
1340	CUX Currencies	C	1
1350	APR Additional price information	C	99
1360	RNG Range details	C	1

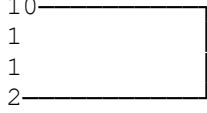
1370	DTM	Date/time/period	C	5
1380	_____	Segment group 33	C	9999
1390	RFF	Reference	M	1
1400	DTM	Date/time/period	C	5
1410	X GIS	General indicator	C	99
1420	MOA	Monetary amount	C	99
1430	_____	Segment group 34	C	99
1440	PAC	Package	M	1
1450	MEA	Measurements	C	5
1460	QTY	Quantity	C	5
1470	DTM	Date/time/period	C	5
1480	_____	Segment group 35	C	1
1490	RFF	Reference	M	1
1500	DTM	Date/time/period	C	5
1510	_____	Segment group 36	C	5
1520	PCI	Package identification	M	1
1530	RFF	Reference	C	1
1540	DTM	Date/time/period	C	5
1550	GIN	Goods identity number	C	10
1560	_____	Segment group 37	C	9999
1570	LOC	Place/location identification	M	1
1580	QTY	Quantity	C	1
1590	PCD	Percentage details	C	1
1600	DTM	Date/time/period	C	5
1610	_____	Segment group 38	C	10
1620	TAX	Duty/tax/fee details	M	1
1630	MOA	Monetary amount	C	1
1640	LOC	Place/location identification	C	5
1650	_____	Segment group 39	C	999
1660	NAD	Name and address	M	1
1670	LOC	Place/location identification	C	5
1680	FII	Financial institution information	C	5
1690	_____	Segment group 40	C	99
1700	RFF	Reference	M	1
1710	DTM	Date/time/period	C	5
1720	_____	Segment group 41	C	5
1730	DOC	Document/message details	M	1
1740	DTM	Date/time/period	C	5
1750	_____	Segment group 42	C	5
1760	CTA	Contact information	M	1
1770	COM	Communication contact	C	5
1780	_____	Segment group 43	C	99
1790	ALC	Allowance or charge	M	1
1800	ALI	Additional information	C	5
1810	DTM	Date/time/period	C	5
1820	_____	Segment group 44	C	1
1830	QTY	Quantity	M	1
1840	RNG	Range details	C	1

1850	Segment group 45	C	1
1860	PCD Percentage details	M	1
1870	RNG Range details	C	1
1880	Segment group 46	C	2
1890	MOA Monetary amount	M	1
1900	RNG Range details	C	1
1910	Segment group 47	C	1
1920	RTE Rate details	M	1
1930	RNG Range details	C	1
1940	Segment group 48	C	5
1950	TAX Duty/tax/fee details	M	1
1960	MOA Monetary amount	C	1
1970	Segment group 49	C	10
1980	TDT Details of transport	M	1
1990	Segment group 50	C	10
2000	LOC Place/location identification	M	1
2010	DTM Date/time/period	C	5
2020	Segment group 51	C	5
2030	TOD Terms of delivery or transport	M	1
2040	LOC Place/location identification	C	2
2050	Segment group 52	C	10
2060	EQD Equipment details	M	1
2070	HAN Handling instructions	C	5
2080	MEA Measurements	C	5
2090	FTX Free text	C	5
2100	Segment group 53	C	100
2110	SCC Scheduling conditions	M	1
2120	FTX Free text	C	5
2130	RFF Reference	C	5
2140	Segment group 54	C	10
2150	QTY Quantity	M	1
2160	DTM Date/time/period	C	5
2170	Segment group 55	C	999
2180	RCS Requirements and conditions	M	1
2190	RFF Reference	C	5
2200	DTM Date/time/period	C	5
2210	FTX Free text	C	99999
2220	Segment group 56	C	10
2230	STG Stages	M	1
2240	Segment group 57	C	3
2250	QTY Quantity	M	1
2260	MOA Monetary amount	C	1
2270	Segment group 58	C	999
2280	DGS Dangerous goods	M	1
2290	FTX Free text	C	5



2300	_____ Segment group 59 _____	C	99	
2310	CTA Contact information	M	1	
2320	COM Communication contact	C	5	

**SUMMARY SECTION**

2330	UNS Section control	M	1	
2340	MOA Monetary amount	C	99	
2350	CNT Control total	C	10	
2360	_____ Segment group 60 _____	C	10	
2370	ALC Allowance or charge	M	1	
2380	ALI Additional information	C	1	
2390	MOA Monetary amount	M	2	
2400	UNT Message trailer	M	1	

## 2.2 Subset of the message

For practical purposes, complete definition of the message is too general and wide. Therefore, the message subset was selected which is sufficient for the transfer of required data.

The subset proposal is derived from the scope of data variables which are used in the given type of orders. The proposal was derived from EANCOM 2002 Syntax 3 recommendations for Purchase Order Message (version 010).

Pos	Tag Name	S	R
<b>HEADER SECTION</b>			
0010	UNH Message header	M	1
0020	BGM Beginning of message	M	1
0030	DTM Date/time/period	M	4
0070	FTX Free text	M	1
0120	Segment group 2	M	4
0130	NAD Name and address	M	1
0160	Segment group 3	C	1
0170	RFF Reference	M	1
0290	Segment group 7	C	1
0300	CUX Currencies	M	1
<b>DETAIL SECTION</b>			
1030	Segment group 28	C	200000
1040	LIN Line item	M	1
1050	PIA Additional product id	M	1
1060	IMD Item description	C	3
1080	QTY Quantity	M	1
1320	Segment group 32	M	2
1330	PRI Price details	M	1
1650	Segment group 39	C	1
1660	NAD Name and address	M	1
1780	Segment group 43	M	1
1790	ALC Allowance or charge	M	1
1850	Segment group 45	M	1
1860	PCD Percentage details	M	1
<b>SUMMARY SECTION</b>			
2330	UNS Section control	M	1
2400	UNT Message trailer	M	1

### 3. Classification of segments

This part describes all segments used in the subset of the described message. Description of segments is derived from the original description of the EDIFACT message and description of EANCOM. Segments are indicated in sequence order as they occur in the message. Only segments used in the subset are indicated. Each segment is described in an independent table which consists of three parts.

- **Table header** – describes basic information about the segment. It contains the following data:
  - Group of segments containing the described segment; its description contains:
    - ♦ indication of group *SGnn* (where *nn* is the sequence number of the group of segments)
    - ♦ indicator of mandatory occurrence of the group of segments in the subset (M)andatory –/ (C)onditional
    - ♦ maximum permitted number of repetitions of the group of segments in the subset; in the case of multiple repetition of the group of segments with various meanings for particular occurrences, the sequence order of the occurrence within the description expressed by the numerator and the maximum number of repetitions is the denominator of the fraction; the meaning (and content) of the group of segments is not determined by the sequence order of the occurrence but by the relevant qualifiers contained in the introductory segment
    - ♦ list of segments and groups of segments contained in the relevant group with indication of segments and groups not used in the subset.
  - Segment; its description contains:
    - ♦ code (flag) of the segment (3 characters)
    - ♦ indicator of mandatory occurrence of the segment in the subset (M)andatory / (C)onditional
    - ♦ maximum permitted number of occurrences of segments in the subset; in the case of multiple repetition of occurrence of the segment with various meanings for particular occurrences, the sequence of the occurrence within the description is expressed by the nominator and the maximum number of repetitions is the denominator in the fraction; the meaning (and content) of the group of segments is not determined by the sequence order of the occurrence but by the relevant qualifiers contained in the introductory segment
    - ♦ name of the segment
    - ♦ general description of the function of the segment;
    - ♦ sequence number of the segment within description of the subset.
- **Body of the table** – describes information about composed and simple data elements contained in segments. Simple data elements which are not part of composed data elements and composed data elements are indicated **in bold**. The body of the tables is divided into columns:
  - The first column containing the flag and the name of the data element according to the EDIFACT standard.
  - the EDIFACT column containing:
    - ♦ status of data elements according to EDIFACT (M)andatory / (C)onditional;
    - ♦ format of simple data elements according to the EDIFACT standard;
  - the column Stat. containing the status of the data elements in the subset:
    - ♦ (M)andatory – mandatory occurrence in the subset;
    - ♦ (C)onditional – non-mandatory occurrence in the subset;

- ◆ (D)ependent – the mandatory occurrence in the subset depends on the occurrence of another element in the segment (in the case of more dependences in one segment, in the column indicated with \*, there may be a number specifying the relation of partial dependence);
- ◆ space – not used;
- the column Description containing description of the use of simple data elements in the subset:
  - ◆ in quotation marks “ “ there are qualifiers and constants or less complicated numerical codes; after the equal sign “=” there is their meaning; in addition, there could be more detailed description;
  - ◆ ***bold italics*** indicate data variables delivered by the application (or created by converter) with reference in brackets ( ) to their description in the part “Mapped variables”; variables are indicated either by the name or flag (if used) and may be completed with and the *italic* written format used or recommended for the application (if it differs from the EDIFACT format); in addition, there may be indication of their meaning or detailed description.
- **Bottom part of the table** – contains additional information about the segment, mainly description of its concrete use in the subset and a simple example.

### 3.1 Term specification

- **EAN localization number** is equivalent of GLN – Global localization number in EAN\*UCC, used standard structure of EAN/UCC-13
- **GTIN (Global Trade Item Number)** – Global Trade Item Number – globally unique item identification – basic GS1 identification key

UNH - M                      1 - MESSAGE HEADER				
Function                      :                      To head, identify and specify a message.				
Segment number            :                      1				
	EDIFACT	Stat.	*	Description
<b>0062    Message reference number</b>	M an..14	M		<i>Unique number of the sender's message.</i> Sequence number of the message within exchange. DE 0062 in the segment UNT is identical. Generated by the sender.
<b>S009    MESSAGE IDENTIFIER</b>	M	M		
0065    Message type	M an..6	M		“ORDERS” = Purchase order message
0052    Message version number	M an..3	M		“D” = Draft version/UN/EDIFACT Directory
0054    Message release number	M an..3	M		“01B“ Release 2001 - B
0051    Controlling agency	M an..2	M		“UN” = UN/CEFACT
0057    Association assigned code	C an..6	M		“EAN010” = EAN Version control number.
<b>0068    Common access reference</b>	C an..35			
<b>S010    STATUS OF THE TRANSFER</b>	C			
0070    Sequence of transfer	M n..2			
0073    First and last transfer	C a1			
<u>Segment Notes:</u>				
This segment is used as a header, for identification and specification of the message.				
Example: UNH+1+ORDERS:D:01B:UN:EAN010'				

BGM - M                    1 - Beginning of message				
Function                    :            To indicate the type and function of a message and to transmit the identifying number.				
Segment number        :    2				
	EDIFACT	Stat.	*	Description
<b>C002 DOCUMENT/MESSAGE NAME</b>	C	M		
1001 Document name code	C an..3	M		<b>ORDERS_TYPE_CODE (1-1)</b> Order type code "220" = Purchase order "402" = CROSS-DOCK "224" = Rush order
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
1000 Document name	C an..35			
<b>C106 DOCUMENT/MESSAGE IDENTIFICATION</b>	C	M		
1004 Document identifier	C an..35	M		<b>PURCHASE_ORDER_CODE (1-2) an..15</b> Purchase order code
1056 Version identifier	C an..9			
1060 Revision identifier	C an..6			
<b>1225 Message function code</b>	C an..3	M	*	Message function code "9" = Original
<b>4343 Response type code</b>	C an..3			
<u>Segment Notes:</u>				
This segment is used to indicate the type and function of a message and to transmit the identifying number.				
Order type:				
"220" = Normal purchase order				
"402" = Cross docking order – Delivery to "Cross docking centre" (CDC), where will be re-consolidated according to final delivery location				
"224" = Rush order				
Message function code:				
"9" = Original as the only acceptable value				
Example:				
BGM+220+204803-55+9'				

DTM - M            1/4 - Date/time/period				
Function            :            To specify date, and/or time, or period.				
Segment number    :    3				
	EDIFACT	Stat.	*	Description
<b>C507 DATE/TIME/PERIOD</b>	M	M		
2005 Date or time or period function code qualifier	M an..3	M	*	“137” = Document/message date/time
2380 Date or time or period value	C an..35	M		<b>DATE_CREATED (1-3)</b> Purchase order date created
2379 Date or time or period format code	C an..3	M		Data format qualifier “102” = CCYYMMDD
<u>Segment Notes:</u>				
This segment is used to specify the issue date of the Purchase Order.				
Data format qualifier is mandatory when segment is used.				
Example: DTM+137:20191215:102'				

DTM - C                    2/4 - Date/time/period				
Function                    :            To specify date, and/or time, or period.				
Segment number        :    4				
	EDIFACT	Stat.	*	Description
<b>C507 DATE/TIME/PERIOD</b>	M	M		
2005 Date or time or period function code qualifier	M an..3	M		“2” = Delivery date/time, requested
2380 Date or time or period value	C an..35	M		<b>DELIVERY_DATE (1-4)</b> Delivery date
2379 Date or time or period format code	C an..3	M		Data format qualifier “102” = CCYYMMDD
<u>Segment Notes:</u>				
This segment is used to specify the requested delivery date concerning the delivery of the goods. Data format qualifier is mandatory when segment is used.				
Example: DTM+2:20200803:102'				



DTM - C                    3/4 - Date/time/period				
Function                    :            To specify date, and/or time, or period.				
Segment number        :    5				
	EDIFACT	Stat.	*	Description
<b>C507 DATE/TIME/PERIOD</b>	M	M		
2005 Date or time or period function code qualifier	M an..3	M		“64” = Delivery date/time, earliest
2380 Date or time or period value	C an..35	M		<b>DATE_EARLIEST_DELIVERY (1-5)</b> Earliest delivery date
2379 Date or time or period format code	C an..3	M		Data format qualifier “102” = CCYYMMDD
<u>Segment Notes:</u>				
Segment is used for date identifying point of time before which the goods shall not be delivered.				
Data format qualifier is mandatory when segment is used.				
Example:				
DTM+64:20200801:102'				

DTM - C            4/4 - Date/time/period				
Function            :            To specify date, and/or time, or period.				
Segment number   :   6				
	EDIFACT	Stat.	*	Description
<b>C507 DATE/TIME/PERIOD</b>	M	M		
2005 Date or time or period function code qualifier	M an..3	M		“63” = Delivery date/time, latest
2380 Date or time or period value	C an..35	M		<b>DATE_LATEST_DELIVERY (1-6)</b> Latest delivery date
2379 Date or time or period format code	C an..3	M		Data format qualifier “102” = CCYYMMDD
<u>Segment Notes:</u>				
Segment is used for date identifying point of time after which the goods shall not or will not be delivered.				
Data format qualifier is mandatory when segment is used.				
Example:				
DTM+63:20200805:102'				

FTX - M                    1 - Free text				
Function                    :            To provide free form or coded text information.				
Segment number        :        7				
	EDIFACT	Stat.	*	Description
<b>4451 Text subject code qualifier</b>	M an..3	M		“ZZZ” = Mutually defined  SEASON_CODE (1-7)                    an..10 Order season code
<b>4453 Free text function code</b>	C an..3			
<b>C107 TEXT REFERENCE</b>	C			
4441 Free text value code	M an..17			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
<b>C108 TEXT LITERAL</b>	C	M		
4440 Free text value	M an..512	M		
4440 Free text value	C an..512			
4440 Free text value	C an..512			
4440 Free text value	C an..512			
4440 Free text value	C an..512			
<b>3453 Language name code</b>	C an..3			
<u>Segment Notes:</u>				
Segment transmits order season code. One order is always for one season.				
Example: FTX+ZZZ+++ZIMA'				

SG2 - M 1/5 - NAD-LOC FH-SG3-SG5				
NAD - M 1 - Name and address				
Function : To specify the name/address and their related function, either by C082 only and/or structured by C080 thru 3207.				
Segment number : 8				
	EDIFACT	Stat.	*	Description
<b>3035 Party function code qualifier</b>	M an..3	M		“SU” = Supplier
<b>C082 PARTY IDENTIFICATION DETAILS</b>	C	M		
3039 Party identifier	M an..35	M		<b>GLN_SUPPLIER (2-1)</b> <i>an13</i> GLN of the supplier
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3	M		“9” = EAN (International Article Numbering association)
<b>C058 NAME AND ADDRESS</b>	C			
3124 Name and address description	M an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
<b>C080 PARTY NAME</b>	C			
3036 Party name	M an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3045 Party name format code	C an..3			
<b>C059 STREET</b>	C			
3042 Street and number or post office box identifier	M an..35			
3042 Street and number or post office box identifier	C an..35			
3042 Street and number or post office box identifier	C an..35			
3042 Street and number or post office box identifier	C an..35			
<b>3164 City name</b>	C an..35			
<b>C819 COUNTRY SUB-ENTITY DETAILS</b>	C			
3229 Country sub-entity name code	C an..9			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
3228 Country sub-entity name	C an..70			
<b>3251 Postal identification code</b>	C an..17			
<b>3207 Country name code</b>	C an..3			
<u>Segment Notes:</u>				
Segment is identifying the supplier by GLN code.				
Example:				
NAD+SU+8594012615823::9'				

SG2 - M          2/5 - NAD-LOC-FII-SG3-SG5				
NAD - M          1 - Name and address				
Function            :          To specify the name/address and their related function, either by C082 only and/or structured by C080 thru 3207.				
Segment number    :    9				
	EDIFACT	Stat.	*	Description
<b>3035 Party function code qualifier</b>	M an..3	M		“BY” = Buyer
<b>C082 PARTY IDENTIFICATION DETAILS</b>	C	M		
3039 Party identifier	M an..35	M		<b>GLN_BUYER (2-2)</b> <i>an13</i> GLN of the buyer
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3	M		“9” = EAN (International Article Numbering association)
<b>C058 NAME AND ADDRESS</b>	C			
3124 Name and address description	M an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
<b>C080 PARTY NAME</b>	C			
3036 Party name	M an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3045 Party name format code	C an..3			
<b>C059 STREET</b>	C			
3042 Street and number or post office box identifier	M an..35			
3042 Street and number or post office box identifier	C an..35			
3042 Street and number or post office box identifier	C an..35			
3042 Street and number or post office box identifier	C an..35			
<b>3164 City name</b>	C an..35			
<b>C819 COUNTRY SUB-ENTITY DETAILS</b>	C			
3229 Country sub-entity name code	C an..9			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
3228 Country sub-entity name	C an..70			
<b>3251 Postal identification code</b>	C an..17			
<b>3207 Country name code</b>	C an..3			
<u>Segment Notes:</u>				
Segment is identifying the buyer by GLN code.				
Example:				
NAD+BY+8592497000004::9'				

SG2 - M            2/5 - NAD-LOC-FH-SG3-SG5				
SG3 - C            1 - RFF- <del>DTM</del>				
RFF - M            1 - Reference				
Function            :        To specify a reference				
Segment number    :    10				
	EDIFACT	Stat.	*	Description
<b>C506 REFERENCE</b>	M	M		
1153 Reference code qualifier	M an..3	M		“YC1” = Additional party identification
1154 Reference identifier	C an..70	M		<b>VENDOR_BUYER_CODE (2-3) an..15</b> Buyer’ identification at supplier side
1156 Document line identifier	C an..6			
4000 Reference version identifier	C an..35			
1060 Revision identifier	C an..6			
<u>Segment Notes:</u>				
Segment transmits buyer’s identification at supplier’ side. It is used by ADIDAS only.				
Example: RFF+YC1:12345'				

SG2 - C 3/5 - NAD-LOC-FH-SG3-SG5				
NAD - M 1 - Name and address				
Function : To specify the name/address and their related function, either by C082 only and/or structured by C080 thru 3207.				
Segment number : 11				
	EDIFACT	Stat.	*	Description
<b>3035 Party function code qualifier</b>	M an..3	M		“IV” = Invoicee
<b>C082 PARTY IDENTIFICATION DETAILS</b>	C	M		
3039 Party identifier	M an..35	M		<b>GLN_INVOICEE (2-4)</b> <i>an13</i> GLN of a party to whom an invoice is issued
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3	M		“9” = EAN (International Article Numbering association)
<b>C058 NAME AND ADDRESS</b>	C			
3124 Name and address description	M an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
<b>C080 PARTY NAME</b>	C			
3036 Party name	M an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3045 Party name format code	C an..3			
<b>C059 STREET</b>	C			
3042 Street and number or post office box identifier	M an..35			
3042 Street and number or post office box identifier	C an..35			
3042 Street and number or post office box identifier	C an..35			
3042 Street and number or post office box identifier	C an..35			
<b>3164 City name</b>	C an..35			
<b>C819 COUNTRY SUB-ENTITY DETAILS</b>	C			
3229 Country sub-entity name code	C an..9			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
3228 Country sub-entity name	C an..70			
<b>3251 Postal identification code</b>	C an..17			
<b>3207 Country name code</b>	C an..3			
<u>Segment Notes:</u>				
Segment is used for identifying the party by GLN code to whom the invoice is issued.				
Example: NAD+IV+8592497000004::9'				

SG2 - M 4/5 - NAD-LOC-FH-SG3-SG5				
NAD - M 1 - Name and address				
Function : To specify the name/address and their related function, either by C082 only and/or structured by C080 thru 3207.				
Segment number : 12				
	EDIFACT	Stat.	*	Description
<b>3035 Party function code qualifier</b>	M an..3	M		“DP” = Delivery party
<b>C082 PARTY IDENTIFICATION DETAILS</b>	C	M		
3039 Party identifier	M an..35	M		<b>GLN_DELIVERY_TO (2-5)</b> <i>an13</i> GLN of delivery place
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3	M		“9” = EAN (International Article Numbering association)
<b>C058 NAME AND ADDRESS</b>	C			
3124 Name and address description	M an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
<b>C080 PARTY NAME</b>	C			
3036 Party name	M an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3045 Party name format code	C an..3			
<b>C059 STREET</b>	C			
3042 Street and number or post office box identifier	M an..35			
3042 Street and number or post office box identifier	C an..35			
3042 Street and number or post office box identifier	C an..35			
3042 Street and number or post office box identifier	C an..35			
<b>3164 City name</b>	C an..35			
<b>C819 COUNTRY SUB-ENTITY DETAILS</b>	C			
3229 Country sub-entity name code	C an..9			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
3228 Country sub-entity name	C an..70			
<b>3251 Postal identification code</b>	C an..17			
<b>3207 Country name code</b>	C an..3			
<u>Segment Notes:</u>				
Segment is identifying the delivery place by GLN code where the supplier delivers ordered goods.				
Example: NAD+DP+8592497000370::9'				



SG2 - M 5/5 - NAD-LOC-FH-SG3-SG5				
NAD - M 1 - Name and address				
Function : To specify the name/address and their related function, either by C082 only and/or structured by C080 thru 3207.				
Segment number : 13				
	EDIFACT	Stat.	*	Description
<b>3035 Party function code qualifier</b>	M an..3	M		“UC” = Ultimate consignee
<b>C082 PARTY IDENTIFICATION DETAILS</b>	C	M		
3039 Party identifier	M an..35	M		<b>GLN_SHIP_TO (2-6)</b> <i>an13</i> GLN of final destination of deliveries
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3	M		“9” = EAN (International Article Numbering association)
<b>C058 NAME AND ADDRESS</b>	C			
3124 Name and address description	M an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
<b>C080 PARTY NAME</b>	C			
3036 Party name	M an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3045 Party name format code	C an..3			
<b>C059 STREET</b>	C			
3042 Street and number or post office box identifier	M an..35			
3042 Street and number or post office box identifier	C an..35			
3042 Street and number or post office box identifier	C an..35			
3042 Street and number or post office box identifier	C an..35			
<b>3164 City name</b>	C an..35			
<b>C819 COUNTRY SUB-ENTITY DETAILS</b>	C			
3229 Country sub-entity name code	C an..9			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
3228 Country sub-entity name	C an..70			
<b>3251 Postal identification code</b>	C an..17			
<b>3207 Country name code</b>	C an..3			
<u>Segment Notes:</u>				
Segment transmits GLN code of final destination of deliveries in the case of CROSS-DOCK.				
Example: NAD+UC+8592497000370::9'				

SG7 - C	1 - CUX- <del>DTM</del>
CUX - M	1 - Currencies
Function :	To specify currencies used in the transaction and relevant details for the rate of exchange.
Segment number :	14
	EDIFACT Stat. * Description
<b>C504 CURRENCY DETAILS</b>	C M
6347 Currency usage code qualifier	M an..3 M "2" = Reference currency
6345 Currency identification code	C an..3 M <b>PURCHASE_PRICE_CURRENCY (1-8)</b>
	Currency code
6343 Currency type code qualifier	C an..3 M "9" = Order currency
6348 Currency rate value	C n..4
<b>C504 CURRENCY DETAILS</b>	C
6347 Currency usage code qualifier	M an..3
6345 Currency identification code	C an..3
6343 Currency type code qualifier	C an..3
6348 Currency rate value	C n..4
<b>5402 Currency exchange rate</b>	C n..12
<b>6341 Exchange rate currency market identifier</b>	C an..3
<u>Segment Notes:</u>	
Segment transmits currency of the line item's prices. Should be ISO 4217 three alpha.	
Example: CUX+2:CZK:9'	

SG28 - C      200000 - <del>LIN-PIA-IMD-MEA-QTY-ALI-DTM-MOA-GIN-QVR-FTX-SG32-SG33-SG34-SG37-SG38-SG39-SG43-SG49</del>				
LIN - M                      1 - Line item				
Function                      :              To identify a line item and configuration.				
Segment number        :    15				
	EDIFACT	Stat.	*	Description
<b>1082 Line item identifier</b>	C n..6	M		<b>LINE_NUMBER (3-1)</b> Purchase order line identification
<b>1229 Action request/notification description code</b>	C an..3			
<b>C212 ITEM NUMBER IDENTIFICATION</b>	C	M		
7140 Item identifier	C an..35	M		<b>PRODUCT_VARIANT_GTIN (3-2) an..25</b> EAN/UPC code of SKU product
7143 Item type identification code	C an..3	M		“SRV” = EAN.UCC Global Trade Item Number
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
<b>C829 SUB-LINE INFORMATION</b>	C			
5495 Sub-line indicator code	C an..3			
1082 Line item identifier	C n..6			
<b>1222 Configuration level number</b>	C n..2			
<b>7083 Configuration operation code</b>	C an..3			
<u>Segment Notes:</u>				
This segment is used for identification of ordered goods by GTIN (EAN/UPC code of SKU product ). It identifies size and colour.				
Example: LIN+1++4550153817049:SRV'				

SG28 - C 200000 - <del>LIN-PIA-IMD-MEA-QTY-ALI-DTM MOA-GIN-QVR-FTX-SG32-SG33-SG34-SG37-SG38-SG39-SG43-SG49</del>				
PIA - C 1 - Additional product id				
Function : To specify additional or substitutional item identification codes.				
Segment number : 16				
	EDIFACT	Stat.	*	Description
<b>4347 Product identifier code qualifier</b>	M an..3	M	*	"1" = Additional identification
<b>C212 ITEM NUMBER IDENTIFICATION</b>	M	M		
7140 Item identifier	C an..35	M		<b>VENDOR_PRODUCT_CODE (3-3) an..25</b> Article number from the supplier's catalogue
7143 Item type identification code	C an..3	M		"SA" = Supplier's article number
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
<b>C212 ITEM NUMBER IDENTIFICATION</b>	M			
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
<b>C212 ITEM NUMBER IDENTIFICATION</b>	M			
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
<b>C212 ITEM NUMBER IDENTIFICATION</b>	M			
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
<b>C212 ITEM NUMBER IDENTIFICATION</b>	M			
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
<b>Segment Notes:</b>				
This segment is used for identification of ordered goods by article number in supplier's catalogue.				
Example: PIA+1+2011B049-300:SA'				

SG28 - C      200000 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-MOA-GIN-QVR-FTX-SG32-SG33-SG34-SG37-SG38-SG39-SG43-SG49				
IMD - C      1/3 - Item description				
Function :      To describe an item in either an industry or free format.				
Segment number : 17				
	EDIFACT	Stat.	*	Description
<b>7077 Description format code</b>	C an..3	M	*	“F” = Free-form
<b>C272 ITEM CHARACTERISTIC</b>	C	M		
7081 Item characteristic code	C an..3	M		“ANM” = Article name (EAN Code)
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3	M		“9” = EAN (International Article Numbering association)
<b>C273 ITEM DESCRIPTION</b>	C	M		
7009 Item description code	C an..17			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
7008 Item description	C an..256	M		<b>PRODUCT_NAME (3-4)</b> <i>an..45</i> Article name
7008 Item description	C an..256			
3453 Language name code	C an..3			
<b>7383 Surface or layer code</b>	C an..3			
<u>Segment Notes:</u>				
This segment is used for article name.				
National characters in data elements 7008 should be in ISO Latin 2 code or after negotiation between both communicating parties in WIN 1250 code.				
Example: IMD+F+ANM::9+:::LITE-SHOW JACKET'				

SG28 - C      200000 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-MOA-GIN-QVR-FTX-SG32-SG33-SG34-SG37-SG38-SG39-SG43-SG49				
IMD - C      2/3 - Item description				
Function :      To describe an item in either an industry or free format.				
Segment number : 18				
	EDIFACT	Stat.	*	Description
<b>7077 Description format code</b>	C an..3	M	*	“F” = Free-form
<b>C272 ITEM CHARACTERISTIC</b>	C	M		
7081 Item characteristic code	C an..3	M		“35” = Colour
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3	M		“91” = Assigned by supplier or supplier’s agent
<b>C273 ITEM DESCRIPTION</b>	C	M		
7009 Item description code	C an..17			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
7008 Item description	C an..256	M		<b>PRODUCT_COLOR (3-5)</b> <i>an..17</i> Article colour name
7008 Item description	C an..256			
3453 Language name code	C an..3			
<b>7383 Surface or layer code</b>	C an..3			
<u>Segment Notes:</u>				
Segment describes article colour.				
National characters in data elements 7008 should be in ISO Latin 2 code or after negotiation between both communicating parties in WIN 1250 code.				
Example: IMD+F+35::91+:::LIME ZEST'				

SG28 - C	200000 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-MOA-GIN-QVR-FTX-SG32-SG33-SG34-SG37-SG38-SG39-SG43-SG49			
IMD - C	3/3 -	Item description			
Function	:	To describe an item in either an industry or free format.			
Segment number	:	19			
	EDIFACT	Stat.	*	Description	
<b>7077 Description format code</b>	C an..3	M	*	"C" = Code (From industry code list)  "98" = Size  "91" = Assigned by supplier or supplier's agent  <b>PRODUCT_SIZE (3-6)</b> Article size name	
<b>C272 ITEM CHARACTERISTIC</b>	C	M			
7081 Item characteristic code	C an..3	M			
1131 Code list identification code	C an..17				
3055 Code list responsible agency code	C an..3	M			
<b>C273 ITEM DESCRIPTION</b>	C	M			
7009 Item description code	C an..17	M			
1131 Code list identification code	C an..17				
3055 Code list responsible agency code	C an..3				
7008 Item description	C an..256				
7008 Item description	C an..256				
3453 Language name code	C an..3				
<b>7383 Surface or layer code</b>	C an..3				
<u>Segment Notes:</u>					
Segment describes article size.					
National characters in data elements 7008 should be in ISO Latin 2 code or after negotiation between both communicating parties in WIN 1250 code.					
Example: IMD+C+98+S::91'					

SG28 - C	200000 -	<del>LIN-PIA-IMD-MEA-QTY-ALI-DTM MOA-GIN-QVR-FTX-SG32-SG33-SG34-SG37-SG38-SG39-SG43-SG49</del>		
QTY - M                    1 - Quantity				
Function                    :            To specify a pertinent quantity.				
Segment number        :    20				
	EDIFACT	Stat.	*	Description
<b>C186 QUANTITY DETAILS</b>	M	M		
6063 Quantity type code qualifier	M an..3	M		“21” = Ordered quantity
6060 Quantity	M n..35	M		<b>QUANTITY (3-7)</b> <span style="float: right;"><i>n12</i></span>
				Quantity ordered
6411 Measure unit code	C an..3	C		<b>PRODUCT_MEASURE_UNIT (3-8)</b>
				Quantity unit of measure
<u>Segment Notes:</u>				
The segment is used to determine the quantity ordered. The quantity shall be given to a maximum of 12 digits, including, where appropriate a maximum of 3 decimal places with a period separator. Unit of quantity by mutual agreement, e.g. PCE (piece).				
Example: QTY+21:2:PCE'				



SG28 - C	200000 -	<del>LIN-PIA-IMD-MEA-QTY-ALI-DTM-MOA-GIN-QVR-FTX-SG32-SG33-SG34-SG37-SG38-SG39-SG43-SG49</del>			
SG32 - C	1/2 -	<del>PRI-CUX-DTM</del>			
PRI - M	1 -	Price details			
Function	:	This segment is used to detail the price for the current product identified in the LIN segment.			
Segment number	:	21			
		EDIFACT	Stat.	*	Description
<b>C509 PRICE INFORMATION</b>		C	M		
5125 Price code qualifier		M an..3	M		“AAA” = Calculation net
5118 Price amount		C n..15	M		<b>PURCHASE_NET_PRICE (3-9)</b> <i>n15</i>
					Purchase net price per unit
5375 Price type code		C an..3			
5387 Price specification code		C an..3			
5284 Unit price basis value		C n..9			
<u>Segment Notes:</u>					
Segment transmits purchase net price unit (excluding VAT).					
Example: PRI+AAA:42'					

SG28 - C	200000 -	<del>LIN-PIA-IMD-MEA-QTY-ALI-DTM-MOA-GIN-QVR-FTX-SG32-SG33-SG34-SG37-SG38-SG39-SG43-SG49</del>		
SG32 - C	2/2 -	<del>PRI-CUX-DTM</del>		
PRI - M	1 -	Price details		
Function	:	This segment is used to detail the price for the current product identified in the LIN segment.		
Segment number	:	22		
	EDIFACT	Stat.	*	Description
<b>C509 PRICE INFORMATION</b>	C	M		
5125 Price code qualifier	M an..3	M		“AAB” = Calculation gross
5118 Price amount	C n..15	M		<b>PURCHASE_GROSS_PRICE (3-10)</b> <i>n15</i>
				Product price in supplier’s catalogue
5375 Price type code	C an..3			
5387 Price specification code	C an..3			
5284 Unit price basis value	C n..9			
<u>Segment Notes:</u>				
Segment transmits product price in supplier’s catalogue (before discount and excluding VAT).				
Example: PRI+AAB:46’				

SG28 - C	200000 -	<del>LIN-PIA-IMD-MEA-QTY-ALI-DTM-MOA-GIN-QVR-FTX-SG32-SG33-SG34-SG37-SG38-SG39-SG43-SG49</del>				
SG43 - M	1 -	<del>ALC-ALI-DTM-SG44-SG45-SG46-SG47-SG48</del>				
ALC - M	1 -	Allowance or charge				
Function	:	To identify allowance or charge details.				
Segment number	:	23				
		EDIFACT	Stat.	*	Description	
<b>5463</b>	<b>Allowance or charge code qualifier</b>	M an..3	M		"A" = Allowance	
<b>C552</b>	<b>ALLOWANCE/CHARGE INFORMATION</b>	C				
1230	Allowance or charge identifier	C an..35				
5189	Allowance or charge identification code	C an..3				
<b>4471</b>	<b>Settlements means code</b>	C an..3				
<b>1227</b>	<b>Calculation sequence code</b>	C an..3				
<b>C214</b>	<b>SPECIAL SERVICES IDENTIFICATION</b>	C				
7161	Special services description code	C an..3				
1131	Code list identification code	C an..17				
3055	Code list responsible agency code	C an..3				
7160	Special service description	C an..35				
7160	Special service description	C an..35				
<u>Segment Notes:</u>						
The ALC is the leading segment in the SG39 group for the next segment in group.						
Example: ALC+A'						

SG28 - C	200000 -	<del>LIN-PIA-IMD-MEA-QTY-ALI-DTM-MOA-GIN-QVR-FTX-SG32-SG33-SG34-SG37-SG38-SG39-SG43-SG49</del>		
SG43 - M	1 -	<del>ALC-ALI-DTM-SG44-SG45-SG46-SG47-SG48</del>		
SG45 - M	1 -	PCD-RNG		
PCD - M	1 -	Percentage details		
Function	:	To specify percentage information.		
Segment number	:	24		
		EDIFACT	Stat.	* Description
<b>C501 PERCENTAGE DETAILS</b>		M	M	
5245 Percentage type code qualifier		M an..3	M	"12" = Discount
5482 Percentage		C n..10	M	<b>PURCHASE_PERCENT_DISCOUNT</b> <b>(3-11)</b> <span style="float:right">n5</span> Percentage discount for price in supplier's price catalogue
5249 Percentage basis identification code		C an..3		
1131 Code list identification code		C an..17		
3055 Code list responsible agency code		C an..3		
<b>4405 Status description code</b>		C an..3		
<u>Segment Notes:</u>				
Segment transmits percentage discount used for a price from supplier's price catalogue.				
Example: PCD+12:8.7'				

UNS - M                    1 - SECTION CONTROL				
Function                    :            To separate header, detail, and summary sections of a message.				
Segment number        :    25				
	EDIFACT	Stat.	*	Description
<b>0081 Section identification</b>	M a1	M	*	“S” = Detail/summary section separation
<u>Segment Notes.</u>				
This segment represents a separation segment for the summary part of the message.				
Example:				
UNS+S'				

UNT - M                      1 - MESSAGE TRAILER				
Function                      :                      To end and check the completeness of a message.				
Segment number        :                      26				
	EDIFACT	Stat.	*	Description
<b>0074</b> <b>Number of segments in a message</b>	M n..6	M		<b><i>Total number of segments in the message</i></b> Generated by the sender
<b>0062</b> <b>Message reference number</b>	M an..14	M		<b><i>Unique number of the sender's message.</i></b> Sequence number of the message within exchange. DE 0062 in segment UNH is identical. Generated by the sender
<u>Segment Notes.</u>				
This segment serves for finishing and checking the completeness of the message.				
Example: UNT+26+1'				

## 4. Envelope of the message

This part defines the conditions for the UN/EDIFACT exchange.

- The message is part of the standard UN/EDIFACT exchange.
- It is possible to send more messages within one exchange.
- The interchange will be classified into functional groups (UNG, UNE segments).
- Set of character levels D – ISO Latin2;  
the syntax identifier in segment UNB is “UNOD” (in the case of mutual agreement between communicating parties, it is possible to use the character set WIN 1250, which does not fully correspond to the ISO Latin 2 character set).
- The UNA segment need not be used – it will not be sent if the converter of the receiving party does not require it;  
standard separation and service set characters of A level will be used.

The following tables contain definition of service segments of the UNA, UNB and UNZ exchanges:

UNA	-	C	1	SERVICE STRING ADVICE		
Function		:	To define the characters selected for use as delimiters and indicators in the rest of the interchange that follows.			
Segment number		:				
			EDIFACT	Stat.	*	Description
<b>UNA1</b>	<b>Component data element separator</b>	M	an1	M		“:” = Separator of partial data elements
<b>UNA2</b>	<b>Data element separator</b>	M	an1	M		“+” = Separator of data (simple or compounded) elements
<b>UNA3</b>	<b>Decimal notation</b>	M	an1	M		“.” = decimal point
<b>UNA4</b>	<b>Release character</b>	M	an1	M		“?” = Release character Question mark which stands before ‘, +, : or ?’, returns its original meaning
<b>UNA5</b>	<b>Reserved for future use</b>	M	an1	M		Space
<b>UNA6</b>	<b>Segment terminator</b>	M	an1	M		“”” = Segment terminator
<u>Segment Notes.</u>						
The segment contains the sequence of functional characters.						
Example:						
UNA:+.? ’						

UNB - M 1 INTERCHANGE HEADER				
Function : To start, identify and specify an interchange.				
Segment number :				
		EDIFACT	Stat.	* Description
<b>S001</b>	<b>SYNTAX IDENTIFIER</b>	M	M	
0001	Syntax identifier	M a4	M *	“UNOD” = Responsible body: ”UNO“ (a3) completed with the level of character set: “D“ (a1)
0002	Syntax version number	M n1	M *	“3” = Syntax version
<b>S002</b>	<b>INTERCHANGE SENDER</b>	M	M	
0004	Sender identification	M an..35	M	<b>SEND_ID – Identification of the sender</b> GLN localisation number (n13)
0007	Partner Identification code qualifier	C an..4	M *	“14” = EAN International
0008	Address for reverse routing	C an..14		
<b>S003</b>	<b>INTERCHANGE RECIPIENT</b>	M	M	
0010	Recipient identification	M an..35	M	<b>PARTNER EDI – identification of recipient</b> GLN localisation number (n13)
0007	Partner Identification code qualifier	C an..4	M *	“14” = EAN International
0014	Routing address	C an..14		
<b>S004</b>	<b>DATE / TIME OF PREPARATION</b>	M	M	
0017	Date	M n6	M	<b>INT_DATE – Date of creation of exchange</b> Format YYMMDD
0019	Time	M n4	M	<b>INT_TIME – Time of creation of exchange</b> Format HHMM
<b>0020</b>	<b>Interchange control reference</b>	M an..14	M	<b>INT_RNO – Reference number of exchange</b> Assigned by the sender (must be unique)
<b>S005</b>	<b>RECIPIENT’S REFERENCE PASSWORD</b>	C		
0022	Recipient’s reference/password	M an..14		
0025	Recipient’s reference/password qualifier	C an2		
<b>0026</b>	<b>Application reference</b>	C an..14		
<b>0029</b>	<b>Processing priority code</b>	C a1		
<b>0031</b>	<b>Acknowledgement request</b>	C n1		
<b>0032</b>	<b>Communications agreement identification</b>	C an..35	M	„EANCOM“
<b>0035</b>	<b>Test indicator</b>	C n1	C	Depends on <b>TEST_PROD (1-5)</b> “1” = in the case of testing message otherwise not used



Segment Notes.

This segment serves for creation of the cover of the exchange and for identification of parties between which the exchange is performed (i.e. the sending party and receiving party). The principle of the UNB segment is identical with that of a physical envelope containing one or more letters or documents which contains the address of the sender and the addressee.

DE 0001: Character set used ISO Latin2, i.e. indication “D” (UNOD).

DE S004: Date and time in the compounded data element states when the sender prepares the interchange. This date and time need not be the same as the date and time contained in the message.

DE S004:0017: The date enables indication of only the two last digits of the year. For incoming messages it is necessary that the receiving application correctly specify the century, i.e. correct completion of the first two digits of the century.

Example:

UNB+UNOD:3+8594012615823:14+8590421000231:14+201125:2100+12345678901234++++EANCOM'

UNZ	-	M	1	INTERCHANGE TRAILER	
-					
Function	:	To end and check the completeness of an interchange.			
Segment number	:	27			
		EDIFACT	Stat.	*	Description
<b>0036</b>	<b>Interchange control count</b>	M n..6	M		<i>INT_MSGNO</i> Number of reports within the interchange
<b>0020</b>	<b>Interchange control reference</b>	M an..14	M		Identical with DE 0020 in the UNB segment
<u>Segment Notes.</u>					
This segment serves for processing of endings of the interchange.					
Example:					
UNZ+1+12345678901234'					

## 5. Mapped variables

This part describes all variables used during mapping. This part serves as an aid for possible preparation and design of the format of an in-house file.

### 5.1 Variables for the envelope of the message

All variables are mandatory – status M

Name	Type	Max. length	Format	Description	Note	Mapping
<i>GLN_SENDER</i>	Num	13		Own identification of the sender	GLN code (localisation) of the sender For outgoing messages generated by the converter	UNB S002:0004
<i>GLN_RECEIVER</i>	Num	13		Identification of the recipient	GLN code (localisation) of the recipient – see <i>PARTNER_ID (I-1)</i> in the message “SYS“ of in-house file)	UNB S003:0010
<i>INT_DATE</i>	Date	6	YYMMDD	Date of creation of interchange	For outgoing messages generated by the converter	UNB S004:0017
<i>INT_TIME</i>	Date	4	HHMM	Time of creation of interchange	For outgoing messages generated by the converter	UNB S004:0018
<i>INT_RNO</i>	Num	14		Reference number of interchange	Always unique For outgoing messages generated by the converter	UNB 0020 UNZ 0020
<i>INT_MSGNO</i>	Num	6		Number of messages within interchange	For outgoing messages generated by the converter	UNZ 0036

### 5.2 Variables for the message

Transferred data is divided into three groups. In the first group there is data which occurs in the message only once and is valid for the whole message. In the second group there is data which specify orders related trading partners. Partner is identified by qualifier. Maximum repetition is 4. In the third group there is data which expresses transferred items of an purchase order, therefore, it is repeated.

For transfer of characters, it is necessary to use the ISO Latin 2 character set.

No	INDICATION	Data specification	Type	Length	D.M.	Align.	P.O.V.	Note, value of item or specification of format	Mapping
<b>Header of the message – repeating – 1 times</b>									
1-1	ORDERS_TYPE_CODE	Order type code	Char	3		L	M	“220” = Purchase Order “402” = CROSS-DOCK “224” = Rush order	BGM C002/1001
1-2	PURCHASE_ORDER_CODE	Purchase order code	Char	15		L	M		BGM C106/1004
1-3	DATE_CREATED	Purchase order date created	Date	8		L	M	CCYYMMDD	DTM+137 C507:2380
1-4	DELIVERY_DATE	Delivery date	Date	8		L	C	CCYYMMDD	DTM+2 C507:2380
1-5	DATE_EARLIEST_DELIVERY	Earliest delivery date	Date	8		L	C	CCYYMMDD	DTM+64 C507:2380
1-6	DATE_LATEST_DELIVERY	Latest delivery date	Date	8		L	C	CCYYMMDD	DTM+63 C507:2380
1-7	SEASON_CODE	Order season code	Char	10		L	M	One order is always for one season.	FTX+ZZZ C108/4440
1-8	PURCHASE_PRICE_CURRENCY	Currency code	Char	3		L	C	ISO 4217 three alpha	CUX C504/6345
<b>Partners in a business relationship – repeating max. 4 times</b>									
2-1	GLN_SUPPLIER	GLN of the supplier	Char	13		L	M	Supplier’s GLN localization number	SG2/1 NAD+SU C082:3039
2-2	GLN_BUYER	GLN of the buyer	Char	13		L	M	Buyer’s GLN localization number („Sold to number“)	SG2/2 NAD+BY C082:3039
2-3	VENDOR_BUYER_CODE	Buyer’ identification at supplier side	Char	15		L	C		SG2/2 NAD+BY RFF+YC1 C506/1154
2-4	GLN_INVOICEE	GLN of a party to whom an invoice is issued	Char	13		L	C	GLN localization number of invoicee	SG2/3 NAD+IV C082:3039
2-5	GLN_DELIVERY_TO	GLN of delivery place	Char	13		L	M	GLN localization number of delivery place	SG2/4 NAD+DP C082:3039
2-6	GLN_SHIP_TO	GLN of final destination of deliveries	Char	13		L	C	GLN localization code of final destination of deliveries in the case of CROSS-DOCK	SG2/5 NAD+UC C082:3039
<b>Message Items – repeating max. 200 000 times</b>									
3-1	LINE_NUMBER	Purchase order line identification	Num	6 0		P	M	(no decimal places)	SG28 LIN 1082
3-2	PRODUCT_VARIANT_GTIN	EAN/UPC code of SKU product	Char	25		L	M	It identifies size and colour.	SG28 LIN C212:7140
3-3	VENDOR_PRODUCT_CODE	Article number from the supplier’s catalogue	Char	25		L	C		SG28 PIA SA C212/1:7140

3-4	PRODUCT_NAME	Article name	Char	45		L	C		SG28 IMD+F+ANM C273:7008/1
3-5	PRODUCT_COLOUR	Article colour name	Char	17		L	C		SG28 IMD+F+35 C273:7008/1
3-6	PRODUCT_SIZE	Article size name	Char	17		L	C		SG28 IMD+C+98 C273:7009
3-7	QUANTITY	Quantity ordered	Num	12	3	P	M		SG28 QTY+21 C186:6060
3-8	PRODUCT_MEASURE_UNIT	Quantity unit of measure	Char	3		L	C	By mutual agreement, e.g. PCE (piece).	SG28 QTY+21 C186:6411
3-9	PURCHASE_NET_PRICE	Purchase net price per unit	Num	15	2	P	M		SG28 SG32/1 PRI+AAA C509:5118
3-10	PURCHASE_GROSS_PRICE	Product price in supplier's catalogue	Num	15	2	P	M		SG28 SG32/2 PRI+AAB C509:5118
3-11	PURCHASE_PERCENT_DISCOUNT	Percentage discount for price in supplier's price catalogue	Num	5	2	P	M		SG28 SG43/ALC+A SG45/PCD+12 C501:5482

## 6. Message example

UNA:+.? '  
UNB+UNOD:3+8592497000004:14+8594012615823:14+191215:1520+26++ORDERS+++EANCOM'  
UNH+1+ORDERS:D:01B:UN:EAN010'  
BGM+220+204803-55+9'  
DTM+137:20191215:102'  
DTM+2:20200803:102'  
DTM+64:20200801:102'  
DTM+63:20200805:102'  
FTX+ZZZ+++ZIMA'  
NAD+SU+8594012615823::9'  
NAD+BY+8592497000004::9'  
RFF+YC1:12345'  
NAD+IV+8592497000004::9'  
NAD+DP+8592497000370::9'  
CUX+2:CZK:9'  
LIN+1++4550153817049:SRV'  
PIA+1+2011B049-300:SA'  
IMD+F+ANM::9+:::LITE-SHOW JACKET'  
IMD+F+35::91+:::LIME ZEST'  
IMD+C+98+S::91'  
QTY+21:2:PCE'  
PRI+AAA:42'  
PRI+AAB:46'  
ALC+A'  
PCD+12:8.7'  
UNS+S'  
UNT+25+1'  
UNZ+1+26'