EDIFACT D01B ORDRSP

Brack Alltron AG

Version 1.1, 30-09-2024

Table of Contents

Supplier Orderresponse

Preface

This document describes the implementation of Edifact D01B for supplier orders.

Changelog

Table 1. Changelog

Version	Date	Change	Author
1.0	18.12.2023	Initial definition	SEBR
1.1	30.09.2024	Conversion to Adoc, small corrections	SEBR

Status Codes

Code	Description
M	Mandatory D01B Field
C	Conditional D01B Field
M	Mandatory by Competec

References

https://unece.org/trade/uncefact/introducing-unedifact
https://www.stylusstudio.com/edifact/D01B/ordrsp.htm

Header Section

UNB | Interchange Header					
Pos	**Segment/ Element**	**Description**	**Status**	**Example**	**Remarks**
010	S001	SYNTAX IDENTIFIER	M		
	0001	Syntax identifier	M	+UNOC	
	0002	Syntax version number	M	:4	
020	S002	INTERCHANGE SENDER	M		
	0004	Interchange sender identification	M	+7600000···	Sender Party GLN
	0007	Identification code qualifier	C	:14	14 = EAN International
030	S003	INTERCHANGE RECIPIENT	M		
	0010	Interchange recipient identification	M	+7600000···	Receiver Party GLN
	0007	Identification code qualifier	C	:14	14 = EAN International
040	S004	DATE AND TIME OF PREPARATION	M		
	0017	Date	M	+220527	yyMMdd
	0019	Time	M	:1629	HHmm
050	0020	Interchange control reference	M	+19'	
060	S005	RECIPIENT'S REFERENCE/PASSWORD DETAILS	C		Not in use
070	0026	Application reference	C		Not in use
080	0029	Processing priority code	C		Not in use
090	0031	Acknowledgement request	C		Not in use
100	0032	Interchange agreement identifier	C		Not in use
110	0035	Test indicator	C	+1	1 = Test

Example:

```
UNB+UNOC:4+7601001000100:14+7613081000000:14+220527:1629+19++++0++1'
```

		0010 | Segment | UNH | Message Header			

A service segment starting and uniquely identifying a message. The message type code for the Despatch advice message is DESADV.

Pos	Segment/ Element	Description	Status	Example	Remarks
010	0062	MESSAGE REFERENCE NUMBER	M	+1	
020	S009	MESSAGE IDENTIFIER	M		
	0065	Message type	M	+ORDRSP	
	0052	Message version number	M	:D	
	0054	Message release number	M	:01B	
	0051	Controlling agency, coded	M	:UN	
	0057	Association assigned code	C	EAN005	
	...		C		Not in use

Example

```
UNH+1+ORDRSP:D:01B:UN'
UNH+1+ORDRSP:D:01B:UN:EAN005'
```

		0020 | Segment | BGM | Beginning of message			

A segment for unique identification of the Despatch Advice document, by means of its name and its number.

Pos	Segment/ Element	Description	Status	Example	Remarks
010	C002	DOCUMENT/MESSAGE NAME	C	BGM	
	1001	Document name code	C	+231	
		Supported: 231 = Order Response			
	...		C		Not in use
020	1004	Document identifier	C	+3794276'	Order id
030	1225	Message function, coded	C	+9	
		Supported: 9 = Original 4 = Changed			
040	4343	Response type, coded	C		Not in use

Example

```
BGM+231+3794276'
BGM+231+123456+9'
```

	0030 | DTM | Date/time/period				

A segment specifying general dates and, when relevant, times related to the whole message.

Pos	Segment/ Element	Description	Status	Example	Remarks
010	C507	DATE/TIME/PERIOD	M	DTM	
	2005	Date/time/period qualifier	M	+137	
		Supported: 137 = Document date 2 = Delivery Date requested			
	2380	Date/time/period	C	:20220217	
	2379	Date/time/period format qualifier	C	:102	
		Supported: 102 = CCYYMMDD 204 = CCYYMMDDHHMMSS			

Example:

```
DTM+137:20220527162918:204'
DTM+137:20230228:102'
```

Segment Group 1

0090	Segment Group 1	RFF-DTM

A group of segments for giving references and where necessary, their dates, relating to the whole message.

SG1 Summary		
Pos	**Tag**	**Name**
0110	RFF	Reference
0110	DTM	Date / time

0100	Segment	RFF	Reference			

A segment to specify a reference by its number.

Pos	Segment/ Element	Description	Status	Example	Remarks
010	C506	REFERENCE	M	RFF	
	1153	Reference qualifier	M	+ON	
		Supported codes: ON = Order Number Purchase VN = Seller Reference			
	1154	Reference number	C	:1990833739'	Order reference by competec
	...				Not in use

Example:

```
RFF+ON:1990833739'
RFF+VN:3794276'
```

0110 | Segment | DTM | Date/time/period					
A segment specifying general dates and, when relevant, times related to the whole message.					
Pos	**Segment/Element**	**Description**	**Status**	**Example**	**Remarks**
010	C507	DATE/TIME/PERIOD	M		
	2005	Date/time/period qualifier	M	+171	
		Supported: 171 = Reference date/time			
	2380	Date/time/period	C	:20230228	
	2379	Date/time/period format qualifier	C	:102	
		Supported codes: 102 = CCYYMMDD 204 = CCYYMMDDHHMMSS			

Example:

```
DTM+171:20230228:102'
```

A segment specifying general dates and, when relevant, times related to the whole message.

Segment Group 3

0150	Segment Group 3	Parties

A group of segments identifying the parties with associated information.

SG2 Summary

Pos	Tag	Name
0120	NAD	Name and address

0160 | Segment | NAD | Name and address

A segment identifying names and addresses of the parties and their functions relevant to the order. Identification of the seller and buyer parties is mandatory for the order message.

Pos	Segment/Element	Description	Status	Example	Remarks
010	3035	Party qualifier	M	+DP	
		BY = Buyer SU = Supplier DP = Delivery Party M			
020	C082	PARTY IDENTIFICATION DETAILS	C		
	3039	Party id. identification	M	+7613...	Our GLN
		...			Not in use
030	C058	NAME AND ADDRESS	C	+	Not in use
040	C080	PARTY NAME	C		
	3036	Party name	M	+BRACK.CH AG	Name 1
	3036	Party name	C		Name 2
		...			Not in use
050	C059	STREET	C		
	3042	Street and number/p.o. box	M	:Rossgassmoos 10	Street name 1
	3042	Street and number/p.o. box	C		Street name 2
		...			Not in use
060	3164	City name	C	+Willisau Competec	
070	C819	COUNTRY SUB-ENTITY DETAILS	C	+CH	Not in use
080	3251	Postcode identification	C	+6131	PLZ
090	3207	Country, coded	C		Not in use

Example:

```
NAD+BY+123456::9'
NAD+SU+7609999068409::9'
NAD+DP+7613081000000++BRACK.CH AG+::Rossgassmoos 10+Willisau Competec+CH+6131'
```

Detail Section

Segment Group 26

0970	Segment Group 26	Lines

A group of segments providing details of the individual ordered items.

SG26 Summary			
Pos	**Tag**	**Name**	**Mandatory**
0980	LIN	Line item	M
0990	PIA	Additional product id	M
1000	IMD	Item description	Conditional
1020	QTY	Quantity	M
1050	DTM	Date	M
1270	SG30	Price Details	Conditional
1340	RFF	Reference	Conditional

0980	Segment	LIN	Line item

A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service ordered.

Pos	Segment/Element	Description	Status	Example	Remarks
010	1082	Line item number	M	+10	Must be unique in message
020	1229	Action request / notification description code	M	+5	
		Supported codes: 2 = deleted 3 = changed 4 = no action 5 = acc. no amendment 6 = acc. with amendment 7 = not accepted			

0980	Segment	LIN	Line item				
030	C212		ITEM NUMBER IDENTIFICATION	C			
		7140	Item identifier	C	+761300165313 2	EAN	
		7143	Item type identification code	C	:EN		
		Supported codes: EN = International Article Numbering Association (EAN) SRV = EAN.UCC Global Trade Item Nbr					
		...				Not in use	
040	C829		SUB-LINE INFO	C		Not in use	
050		1222	Configuration level number	C		Not in use	
060		7083	Configuration operation code	C		Not in use	

Example:

```
LIN+10+5+7613001653132:EN'
```

0990	Segment	PIA	Additional product id				
A segment providing either additional identification to the product specified in the LIN segment.							
Pos	**Segment/Element**		**Description**	**Status**	**Example**	**Remarks**	
010	4347		Product id. code qualifier	M	+1		
			Supported: 1 = additional identification				
020	C212		ITEM NUMBER IDENTIFICATION	M			
		7140	Item number	C	+7277199	article number	
		7143	Item number type, coded	C	:VN		
		Supported codes: SA = Supplier's article nbr. IN = Buyer's article nbr. BP = Buyer's part nbr. VN = Vendor's article nbr. MF = Manufacturers Article nbr.					
		...				Not in use	
030	C212		ITEM NUMBER IDENTIFICATION	C		Not in use	
040	C212		ITEM NUMBER IDENTIFICATION	C		Not in use	

0990	Segment	PIA	Additional product id			
050	C212	ITEM NUMBER IDENTIFICATION	C		Not in use
060	C212	ITEM NUMBER IDENTIFICATION	C		Not in use

Example:

```
PIA+1+991397:SA'
```

1000 | Segment | IMD | Item description

A segment for describing the product or service being ordered as well as product characteristic.

Pos	Segment/Element	Description	Status	Example	Remarks
010	7077	Description format code	C	+F	
		Supported codes: F = Free-Form			
020	C272	ITEM CHARACTERISTIC	C		
	7081	Item description code	C	+8	
		Supported codes: 8 = Product			
	...			+	Not in use
030	C273	ITEM DESCRIPTION	C		
	...		C	+::	Not in use
	7008	Item description	C	:ALPINAMED MSM Curcuma	optional
	...		C		Not in use
040	...		C		Not in use

Example:

```
IMD+F+8+:::ALPINAMED MSM Curcuma'
```

1020 | Segment | QTY | Quantity

A segment identifying the product quantities / ordered quantities.

Pos	Segment/Element	Description	Status	Example	Remarks

1020 | Segment | QTY | Quantity					
010	C186	QUANTITY DETAILS	M		
	6063	Quantity type code qualifier	M	:21	
		Supported codes: 12 = Despatch Quantity 21 = Ordered Quantity 40 = Normal Delivery			
	6060	Quantity	M	10	
	6411	Measurement uit code	C	:PCE	Only PCE accepted

Example:

```
QTY+21:12:PCE'
QTY+21:10'
```

0150 | Segment | DTM | Date/time/period					
A segment specifying date/time/period details relating to the line item only.					
Pos	**Segment/Element**	**Description**	**Status**	**Example**	**Remarks**
010	C507	DATE/TIME/PERIOD	M		
	2005	Date/time/period qualifier	M	+2	
		Supported codes: 02 = Delivery requested 10 = Shipment requested 17 = Delivery estimated 35 = Delivery actual 69 = Delivery promised			
	2380	Date/time/period	C	:20230228	
	2379	Date/time/period format qualifier	C	:102	
		Supported : 102 = CCYYMMDD			

Example:

```
DTM+2:20220527:102'
```

Segment Group 30

1270	Segment Group 30	Price

A group of segments identifying the relevant pricing information for the goods or services ordered.

SG28 Summary		
Pos	**Tag**	**Name**
1280	PRI	Price details

1280	Segment	PRI	Price details

A segment to specify the price type and amount.

Pos	Segment/Element	Description	Status	Example	Remarks
010	C509	PRICE INFORMATION	C		
	5125	Price code qualifier	M	+AAA	
		Supported: AAA= calculation net			
	5118	Price amount	C	1644	
	...		C		Not in use
020	5213	Sub-line price change, coded	C		Not in use

Example:

```
PRI+AAA:1644'
```

1290	Segment	CUX	Currencies

A segment identifying the order currency. Only CHF is supported at the moment.

Pos	Segment/Element	Description	Status	Example	Remarks
010	C504	CURRENCY DETAILS	C		
	6347	Currency usage code qualifier	M	+2	
		Supported : 2 = Reference currency			
	6345	Currency, coded	C	:CHF	
		Supported: Only CHF			
	6343	Currency qualifier	C	:4	
		Supported codes: 4 = invoicing currency			
020					Not in use

1290	Segment	CUX	Currencies		
030					Not in use
040					Not in use

Example:

```
CUX+2:CHF:4'
```

Segment Group 31

1330	Segment Group 31	Reference
A group of segments giving references and where necessary, their dates, relating to the line item.		

SG31 Summary		
Pos	**Tag**	**Name**
1340	RFF	Reference

1340	Segment	RFF	Reference

A segment identifying the reference by its number and where appropriate a line number within a document..

Pos	Segment/Element	Description	Status	Example	Remarks
010	C506	REFERENCE	M		
	1153	Reference code qualifier	M	+ON	
		Supported: ON = Order Number Purchase			
	1154	Reference Identifier	C	:0038360362	Customer Order number
	1156	Document Line identifier	C	:22	Customer line position
	…		C		Not in use

Example:

```
RFF+ON:0038360362:22'
```

Summary Section

2090	Segment	UNS	Section control				
A service segment placed at the start of the summary section to avoid segment collision.							
Pos	**Segment/Element**		**Description**	**Status**	**Example**	**Remarks**	
010	0081		Section identification	M	+S		
			Supported: S = Detail/summary section separation				

Example:

```
UNS+S'
```

2160	Segment	UNT	Message trailer			
A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.						
Pos	**Segment/Element**	**Description**	**Status**	**Example**	**Remarks**	
010	0074	Number of segments in a message	M	+43		
020	0062	Message reference number	M	+1'	Order Id	

Example:

```
UNT+43+1'
```

UNZ	Interchange trailer				
To end and check the completeness of an interchange.					
Pos	**Segment/Element**	**Description**	**Status**	**Example**	**Remarks**
010	0036	Interchange control count	M	+1	
020	0020	Interchange control reference	M	+19'	

Example:

```
UNZ+1+19'
```

Message Example

<table>
<tr><td rowspan="5">H
E
A
D
E
R</td><td>

```
UNA:+.? '
UNB+UNOC:4+7601001000100:14+7613081000000:14+220527:1629+19++++0++1'
```
</td><td></td></tr>
<tr><td>

```
UNH+1+ORDRSP:D:01B:UN'
BGM+231+3794276'
```
</td><td></td></tr>
<tr><td>

```
DTM+137:20220527162918:204'
```
</td><td>SG 1</td></tr>
<tr><td>

```
RFF+ON:1990833739'
RFF+VN:3794276'
```
</td><td></td></tr>
<tr><td>

```
NAD+DP+7613081000000+BRACK.CH AG+BRACK.CH AG+::Rossgassmoos
10+Willisau Competec+CH+6131'
```
</td><td>SG 3</td></tr>
<tr><td rowspan="3">D
E
A
T
A
I
L</td><td>

```
LIN+10+5+7613001653132:EN'
PIA+1+7277199:VN::92'
IMD+F+8+:::ALPINAMED MSM Curcuma'
QTY+21:12:PCE'
QTY+40:12:PCE'
DTM+2:20220527:102'
DTM+10:20220531:102'
```
</td><td>SG 26</td></tr>
<tr><td>

```
PRI+AAA:11.33'
CUX+2:CHF:4'
```
</td><td>SG 30</td></tr>
<tr><td>

```
RFF+ON:1990918371:17'
```
</td><td>SG 31</td></tr>
<tr><td></td><td>

```
UNS+S'
UNT+43+1'
UNZ+1+19'
```
</td><td></td></tr>
</table>