

Paragraph 10

Extract from the DAVID-database

EDIFACT extract from the database

Functional description

The message specifies the product numbers for which an extract is requested.

Principles

A wholesaler can:

- order extracts on all products in the database
- order extracts on all products registered by a given manufacturer including the Pipe Association

A manufacturer can:

- order extracts on all of his own products in the database

The Pipe Association can:

- order extracts on all products registered by a given manufacturer including the Pipe Association

Product extract

The answer to a DAVID product extract from the database is a PRICAT (see paragraph 8). This means that when a wholesaler or the Pipe Association have sent in a DAVID product extract, the system will create and send a DAVID PRICAT (product updating), which contains the requested information. The recipient of the DAVID PRICAT is the sender of the DAVID product extract message. See paragraph 8 page 3 to get a description of the information that is returned to the wholesaler and the Pipe Association respectively as an answer to a DAVID product extract.

The structure of the DAVID product extract

Main section								
	Lev.0	Lev.1	Lev.2	Lev.3	Lev.4	Structure	Repetition	Contents
UNA								Control character
UNB						Transmission start		Sender and recipient
	UNH					Start 1 st Message		PROINQ & version number
	BGM						1 time per UNH	Product inquiry & type of inquiry
		NAD					1 time per BGM	Manufacturer
		LIN					1 time per BGM	Mandatory segment
Detail section								
	Lev.0	Lev.1	Lev.2	Lev.3	Lev.4	Structure	Repetition	Contents
UNT						Message over	1 time per UNH	Message over
UNZ						Transmission over	1 time per UNB	Transmission control

Heading section

UNA/UNB			
The UNA and UNB segments begin a dispatch and may be regarded as the envelope of the dispatch. The UNB segment is used by the recipient EDI-system to recognise the sender and the recipient.			
The UNB segment contains the EAN-location numbers of the buyer/sender and the seller/recipient. Identifications are only indicated in the UNB-segment.			
Seg-/ element	Contents	Status/Rep. Length	Codes / contents
UNA	Definition of control character	C 1/a3	UNA:+,? '
UNB	Beginning of message	M 1/a3	UNB
S001	SYNTAX ID	M	
0001	Syntax rule, id	M a4	UNOC = UN/ECE level C (as defined in ISO 8859-1)
0002	Syntax, version number	M n1	3 = Syntax version number 3 (refers to the use of all valid codes in DE 0001)
S002	SENDER	M	
0004	Sender id	M an..35	'EAN-location number'
0007	Partner id qualifier	C an..4	14 = EAN International
0008	Attention specified by sender	C an..14	***
S003	RECIPIENT	M	
0010	Recipient id	M an..35	'EAN-location number'
0007	Partner id qualifier	C an..4	14 = EAN International
0014	Attention specified by recipient	C an..14	***
S004	DISPATCH, TIME	M	
0017	Dispatch, date	M n6	YYMMDD
0019	Dispatch hour	M n4	HHMM
0020	DISPATCH, REFERENCE	M an..14	'Unique reference'
S005	RECIPIENT'S REF. PASSWORD	C	
0022	Recipient's ref./password	M an..14	***
0025	Recipient's ref./password qualifier	C an2	***
0026	APPLICATION REF.	C an..14	***
0029	PROCESSING PRIORITY CODE	C a1	***
0031	ACKNOWLEDGEMENT REQUEST	C n1	1 = Acknowledgement request
0032	AGREEMENT, ID	C an..35	
0035	TEST INDICATOR	C n1	1 = Test
Eksempel:			
UNA:+,? '			
UNB+UNOC:3+5790000015641:14+5790000013326:14+010707:1400+VAREUD001++++1'			

UNH - M 1 - Message start			
Function: UNH is sent once per document in a dispatch, and it indicates which message, version number, and code for exchange co-operation the document includes.			
Segment number: 001			
Seg-/ element	Contents	Status/Rep. Length	Codes / contents
0062	MESSAGE REFERENCE NUMBER	M an..14	'Running number'
S009	MESSAGE ID	M	
0065	Message type	M an..6	PROINQ = Product enquiry (EAN Code)
0052	Message, version number	M an..3	D = Draft
0054	Message, edition number	M an..3	96A = Version 96A
0051	Publisher	M an..2	EN = EAN International
0057	Code for dispatch co-operation	C an..6	DAV050
0068	COMMON SUBJECT REFERENCE	C an..35	***
S010	STATUS OF TRANSFERS	C	
0070	Sequence of transfers	M n..2	***
0073	First/last transfer	C a1	***
Example: <i>UNH+123+PROINQ:D:96A:EN:DAV050'</i>			

BGM - M 1 - Beginning of message			
Function: The BGM starts the message product enquiry.			
Segment number: 002			
Seg-/ element	Contents	Status/Rep. Length	Codes / contents
C002	DOCUMENT/MESSAGE NAME	C	
1001	Document/message name, coded	C an..3	10E = Product enquiry (EAN Code)
1131	Code list qualifier	C an..3	***
3055	Code list responsible agency, coded	C an..3	***
1000	Document/message name	C an..35	***
1004	DOCUMENT/MESSAGE NUMBER	C an..35	Document number initiated by sender
1225	MESSAGE FUNCTION, CODED	C an..3	13 = Request for extract of all products in the database
4343	RESPONSE TYPE, CODED	C an..3	***
Example: <i>BGM+10E+12345+13'</i>			

Data element 1225:

General:

- It is not possible for a manufacturer to order a complete extract of all products in the database.
- It is only possible for a wholesaler or the Pipe Association to order a complete extract of all products in the database
- Data element 1225 must be filled with the code 13, if a complete extract of all products in the database is requested. If data element 1225 is filled in, the NAD segment should not be included.

SG2 - C 99 - NAD.009			
NAD - M 1 - Name and address			
Function:			
The NAD segment is used only if the product extract concerns products from a single manufacturer or from the Pipe Association.			
In the segment, the EAN location number of a given manufacturer or of the Pipe Association is stated.			
Segment number:			
005			
Seg-/Element	Contents	Status/Rep. length	Codes / contents
3035	PARTY QUALIFIER	M an..3	MF = Manufacturer SR = The Pipe Association
C082	PARTY IDENTIFICATION DETAILS	C	
3039	Party id. Identification	M an..35	'EAN location number'
1131	Code list qualifier	C an..3	***
3055	Code list responsible agency, coded	C an..3	***
C058	NAME AND ADDRESS	C	
3124	Name and address line	M an..35	***
3124	Name and address line	C an..35	***
3124	Name and address line	C an..35	***
3124	Name and address line	C an..35	***
3124	Name and address line	C an..35	***
C080	PARTY NAME	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, coded	C an..3	***
C059	STREET	C	
3042	Street and number/p.o. box	M an..35	***
3042	Street and number/p.o. box	C an..35	***
3042	Street and number/p.o. box	C an..35	***
3042	Street and number/p.o. box	C an..35	***
3164	CITY NAME	C an..35	***
3229	COUNTRY SUB-ENTITY IDENTIFICATION	C an..9	***
3251	POST CODE IDENTIFICATION	C an..9	***
3207	COUNTRY, CODED	C an..3	***
Example:			
<i>NAD+MF+5790000013340'</i>			

Data element 3035:

- Code MF is used for requesting product extracts on all product numbers registered by a given manufacturer.
- Code SR is used for requesting product extracts on all product numbers registered by the Pipe Association.

Data element 3039:

- Here the EAN location number of either the manufacturer or the Pipe Association is stated. The field is numerically 14 characters long.

Notice:

- If the sender of the PROINQ message is a manufacturer it will be checked if the EAN location number in the NAD-segment is different from the EAN location number in the UNB segment.
- The NAD segment should not be filled in if code13 is used in data element 1225 in the BGM segment.

SG16 - C 1000 - PGI.032			
LIN - M 1 - Line item			
Function: The LIN segment is a mandatory segment.			
Segment number: 069			
Seg-/ element	Contents	Status/Rep. length	Codes / contents
1082	LINE ITEM NUMBER	C n..6	'Running line item number' Recommended numbering: 1, 2, 3, 4, 5,
1229	ACTION REQUEST/NOTIFICATION, CODED	C an..3	***
C212	ITEM NUMBER IDENTIFICATION	C	
7140	Item number	C an..35	***
7143	Item number type, coded	C an..3	***
1131	Code list qualifier	C an..3	***
3055	Code list responsible agency, coded	C an..3	***
C829	SUB-LINE INFORMATION	C	
5495	Sub-line indicator, coded	C an..3	***
1082	Line item number	C n..6	***
1222	CONFIGURATION LEVEL	C n..2	***
7083	CONFIGURATION, CODED	C an..3	***
Example: LIN+1'			

Summary section

UNT - M 1 - The ending of message			
Function: UNT ends the message and UNZ ends the dispatch.			
Segment number: 083			
Seg-/ element	Contents	Status/Rep. Length	Codes / contents
0074	NUMBER OF SEGMENTS IN THE MESSAGE	M n..6	Number of segments used in the message
0062	MESSAGE REFERENCE NUMBER	M an..14	'Same as UNH'
UNZ - M 1 - The ending of dispatch			
0036	DISPATCH CONTROL COUNTING	M n..6	'Number of messages'
0020	DISPATCH CONTROL REF.	M an..14	'Same as UNB'
Example: <i>UNT+4+12345'</i> <i>UNZ+1+VAREUD001'</i>			