

B&Q LOAD LEVEL ASNs

Vendor EDI Technical Documentation

Delivery Notifications for Replenishment Purchase Orders

Version: 1.4

Date: March 2021

Advance Shipping Notifications

1.1 Introduction

Vendors will be asked to send Advanced Shipping Notifications (ASNs) to notify B&Q of the quantities that will be delivered against each line in a purchase order. B&Q have chosen to use the Tradacoms Delivery Notification Version 9 file format.

1.2 Key Design Principles

The following basic principles have been used in the design of the EDI message:

1. We require one ASN per physical delivery load
2. This means that if a purchase order is fulfilled over two physical delivery loads then B&Q will require two separate ASN messages, one for each load
3. A purchase order line item can therefore appear on more than one ASN
4. This therefore means you no longer need to provide B&Q with the detailed delivery notes.

1.3 Development Considerations

In order to handle these messages correctly it is necessary to impose strict controls concerning the data segments contained within the ASN.

It is a requirement that ASN messages contain **only those segments and Data elements specifically detailed** within the 'Delivery Notification (Proposed Delivery)' file formats detailed below.

In the event that additional segments or data elements are included within the message, they may be ignored, or a request will be made for these superfluous data elements to be removed from the message.

1.4 Delivery Notification (Proposed Delivery Version 9 File Format)

START OF TRANSMISSION SEGMENT - END OF TRANSMISSION SEGMENT

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT
			START OF TRANSMISSION	M				
STX	=	STDS	Syntax Rules Identifier -Identifier -Version	M				
				M	V	X (4)	Value = 'ANA'	X
				M	F	9 (1)	Value = '1'	X
			Identification of Transmission	M				
		FROM	Sender	M	V	X(14)	Vendor ANA Code	
			- Code	C	V	X(35)	Vendor Name	X
			- Name					
			Identification of Transmission	M				
		UNTO	Recipient	M	V	X(14)	B&Q ANA Code - 5013546018962 'ASN'	X
			- Code	M	V	X(14)		
			- Name	C	V	X(35)		
			Date and Time of Transmission	M				
			- Date	M	F	9(6)	Format: YYMMDD	
			- Time	C	F	9(6)	Format: HHMMSS	
			Senders Transmission Reference	M	V	X(14)	Sequential number for each trading partner, incremented by 1 (one) for each file transmitted.	
			Recipients Transmission Reference	C	V	X(14)		
			Application Reference	M	V	X(14)	'DELHDR'	
			Transmission Priority Code	C	F	X(14)	'B'	X
END			END OF TRANSMISSION	M				
			No. of Messages in Transmission	M	V	9 (5)	Control Count of number of messages in a tape or transmission	

FILE: DELIVERY NOTIFICATION FILE HEADER

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT		
			MESSAGE HEADER	M						
MHD	=		MSRF	M	V	9(12)	Consecutive count of messages within the transmission			
		+	TYPE				Type of Message			
				:	Type	M	F	X(6)	DELHDR'	X
			Version Number	M	F	9(1)	'9' for this version	X		
TYP	=		TRANSACTION TYPE DETAILS	M						
		+	TCDE				Transaction Code			
				:		M	F	9(4)	'0660' (proposed delivery)	
		TTYP	Transaction Type	C	V	X(12)	NULL			
SDT	=		VENDOR DETAILS	M						
		+	SDIN				Vendor's Identity			
				:	Vendor's EAN Location Number	M	F	9(13)	Vendor ANA Code	
				:	Vendor's Identity Allocated by Customer	M	V	X(17)	B&Q Vendor Number (up to 7 digits)	
				SNAM	Vendor's Name	M	V	X(40)	Vendor's Legal Trading Name	
		+	SADD		Vendor's Address	C			NULL	
				:	Vendor's Address Line 1	C	V	X(35)		
				:	Vendor's Address Line 2	C	V	X(35)		
				:	Vendor's Address Line 3	C	V	X(35)		
				:	Vendor's Address Line 4	C	V	X(35)		
:	Vendor's Post Code	C	V	X(8)						
+	VATN		Vendor's VAT Registration Number	C			NULL			
		:	Numeric VAT Registration Number	C	F	9(9)				
		:	Alphanumeric VAT Registration Number	C	V	X(17)				

FILE: DELIVERY NOTIFICATION FILE HEADER

SEGMENT		DATA ELEMENT		DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT		
				CUSTOMER DETAILS	M						
CDT	=		CDIN	Customer's Identity	M						
				Customer's EAN Location Code	C	F	9(13)	B&Q ANA Code - 5013546018962			
				: Customer's Identity Allocated by Vendor	C	V	X(17)	NULL			
				+	CNAM	Customer's Name	C	V	X(40)	'B&Q LTD' or 'B&Q (IRELAND) LTD'	
				+	CADD	Customer's Address	C	V		NULL	
						Customer's Address Line 1	C	V	X(35)		
						Customer's Address Line 2	C	V	X(35)		
						Customer's Address Line 3	C	V	X(35)		
						Customer's Address Line 4	C	V	X(35)		
						Customer's Post Code	C	V	X(8)		
		+	VATR	: Customer's VAT Registration Number	C			NULL			
				Numeric VAT Registration Number	C	F	9(9)				
				Alphanumeric VAT Registrarion Number	C	V	X(17)				

FILE: DELIVERY NOTIFICATION FILE HEADER

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT
DNA	=		DATA NARATIVE	C				
		SEQA	First Level Sequence Number	M	V	9(10)	NULL	
	+	DNAC	Data Narrative Code	C	V		NULL	
			Code Table Number	C	V	9(4)		
	+	RETX	Registered Text	C			NULL	
			First Registered Application Code	C	V	X(3)		
			Application Text	C	V	X(40)		
			Second Registered Application Code	C	V	X(3)		
			Application Text	C	V	X(40)		
			Third Registered application Code	C	V	X(3)		
			Application Text	C	V	X(40)		
			Fourth Registered Application Code	C	V	X(3)		
	+	GNAR	General Narrative	C			NULL	
			General Narrative Line 1	C	V	X(40)		
			General Narrative Line 2	C	V	X(40)		
			General Narrative Line 3	C	V	X(40)		
			General Narrative Line 4	C	V	X(40)		

FILE: DELIVERY NOTIFICATION FILE HEADER

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT
FIL	=		FILE DETAILS	M				
			FLGN	M	V	9(4)	This number is sequential, per file type, per trading partner	
		+	FLVN	M	V	9(4)	Original (which is always 1) is incremented by 1 for each additional copy created	
		+	FLDT	M	F	9(6)	Date the file is created Format: YYMMDD	
		+	FLID	C	V	X(6)	NULL	
FDT	=		FILE PERIOD DATES	C				
			IVED	C	F	9(6)	NULL	
		+	DVED	C	F	9(6)	NULL	
MTR	=		MESSAGE TRAILER	M				
			NOSG	M	V	9(10)	Control count of the number of segments comprising message. Includes the MHD and MTR segments	

FILE: DELIVERY NOTIFICATION FILE DETAIL

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT	
MHD	=		MESSAGE HEADER	M					
			MSRF	M	V	9(12)			
		+	TYPE	Type of Message	M				
				Type Version Number	M M	F F		DELIVER' '9' for this version	X X
CLO	=		CUSTOMER'S LOCATION	M					
			CLOC	Customer's Location	M				
				Customer's EAN Location Number	C	F	9(13)	NULL	
				Customer's Own Location Number	M	V	X(17)	Store Location Code (e.g. 1048, 1031 etc.)	
				Vendor's Identity of Customer's Location	M	V	X(17)	NULL	
		+	CNAM	Customer's Name	C	V	X(40)	NULL	
		+	CADD	Customer's Address	C	V		NULL	
Customer's Address Line 1	C			V	X(35)				
Customer's Address Line 2	C			V	X(35)				
Customer's Address Line 3	C			V	X(35)				
Customer's Address Line 4	C			V	X(35)				
		Customer's Postcode	C	V	X(8)				

FILE: DELIVERY NOTIFICATION FILE DETAIL

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT
DEL	=		DELIVERY REFERENCE	M				
		DELN	Delivery Note Details Delivery Note Number	M M	V	X(17)	ASN Reference Number This number is made up of three parts, as a string of 16 digits - Six digit vendor code - The date ASN created formatted as YYMMDD - A rolling sequential value starting at 0001 up to 9999 (This is defined as the rolling count of ASN's sent within that given date of creation. So the first ASN on a given day is 0001, then 0002, then 0003) e.g. 200000 + 190101 + 0001 = 2000001901010001	
		:	Date of Document	C	F	9(6)	Date of dispatch where relevant - Format = YYMMDD	
	+	NODU	Number of Delivery or Uplift	C	V	9(15)	NULL	
	+	SCAR	Name of Carrier	C	V	X(40)	NULL	
	+	DEWT	Delivery Weights Vehicle Tare Weight Total Goods Weight	C C C	V V V	9(10)V9(3) 9(10)V9(3)	NULL	
	+	DEVL	Delivery Volume	C	V	9(10)V9(3)	NULL	
	+	EDAT	Earliest Delivery Date	M	F	9(6)	Date of Delivery - Format YYMMDD within the next 30 days	
	+	LDAT	Latest Delivery Date	C	F	9(6)	NULL	
	+	RATM	Required Arrival Time Earliest Time Latest Time	C C C	F F F	9(4) 9(4)	NULL	
	+	DINS	Delivery Instruction Narative Delivery Instruction Narative Line 1 Delivery Instruction Narative Line 2 Delivery Instruction Narative Line 3 Delivery Instruction Narative Line 4	C C C C C	V V V V V	X(40) X(40) X(40) X(40)	NULL	
	+	DLOC	Dispatch Location EAN Location Number Vendors Own Location Code	C C C	F V V	9(13) X(17)	NULL	
	+	TLOC	Trans shipment Location EAN Location Number Vendors Own Location Code	C C C	F V V	9(13) X(17)	NULL	
	+	JORF	Journey Reference	C	V	X(17)	NULL	
	+	TPST	Transaction Planning Status	C	V	X(3)	NULL	

FILE: DELIVERY NOTIFICATION FILE HEADER

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT	
DNS	=		DELIVERY NOTE SUPPLEMENTARY DATA	C					
		DIND	Delivery Indicators	C					
			Substitution Indicator	C	F	9(13)	NULL		
		:	Back order Indicator	C	V	X(17)			
+	SDIN	Split Delivery Indicator	C	F	X(1)	Y = Yes if this delivery is part of a complete or bulk order			
DNA	=		DATA NARRATIVE						
		SEQA	First Level Sequence Number	M	V	9(10)	Starts at 1 & incremented by 1 for each 1st level repeat		
		+	DNAC	Data Narative Code	C			NULL	
			Code Table Number	C	V	9(4)			
		+	RTEX	Registered Text	C			NULL	
				First Registered Application Code	C	V	X(3)		
				Application Text	C	V	X(40)		
				:	Second Registered Applicatin Code	C	V		X(3)
				Application Text	C	V	X(40)		
				:	Third Registered Application Code	C	V		X(3)
	Application Text	C		V	X(40)				
	:	Fourth Registered Application Code	C	V	X(3)				
	Application Text	C	V	X(40)					
	:								
+	GNAR	General Narrative	C			NULL			
	:	General Narrative Line 1	C	V	X(40)				
	:	General Narrative Line 2	C	V	X(40)				
	:	General Narrative Line 3	C	V	X(40)				
	:	General Narrative Line 4	C	V	X(40)				

FILE: DELIVERY NOTIFICATION FILE HEADER

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT		
ORF	=		ORDER REFERENCE - DELIVERIES	M						
			SEQA	M	V	9(10)	Starts at 1 and is incremented by 1 for each segment of this type in the message			
		+	ORNO	Order Number and Date	M	V	X(17)	B&Q Purchase Order Number is currently 9 digits - as per PO		
				Customer's Order Number	M	V	X(17)			
				: Vendor's Order Number	C	V	X(17)	NULL		
: Date Order Placed by Customer	M			F	9(6)	Order Creation Date - Format YYMMDD				
: Date Order Received by Vendor	C	F	9(6)	NULL						
DLD	=		DELIVERY LINE DETAILS	M						
			SEQA	M	V	9(10)	Value as per corresponding ORF sequence number			
		+	SEQB	Second Level Sequence Number	M	V	9(10)	Starts at 1 and is successfully incremented by 1 within each nested sequence of this segment		
				SPRO	Vendor's Product Number	M				
					EAN - 13 Article Number for the Traded Unit	M	F	9(13)	EAN - article number allocated to the unit of trade	
		Vendor's code for the Traded Unit	C		V	X(30)	NULL			
				DUN - 14 Code for the Traded Unit	C	F	9(14)	NULL		
		+	SACU	Vendor's EAN Article Number for the Designated Customer Unit	C	F	9(13)	NULL		
				CPRO	Customer's Product Number	C			NULL	
		Customer's Own Brand EAN Number	C		F	9(15)				
		Customer's Item Code	C		V	X(30)				
		+	UNOR	Unit of Ordering	M					
				Customer Units in Traded Unit	M	V	9(15)	Pack Size (No. of Retail Units in a Pack)		
				: Ordering Measure	C	V	9(10)V9(3)	NULL		
		: Measure Indicator	C	V	X(6)	NULL				
+	DELQ	Delivery Quantity	M							
		Number of Traded Units in Delivery	M	V	9(15)	Number of Packs				
		: Total Measure of Delivery	C	V	9(10)V9(3)	NULL				
		: Measure Indicator	C	V	X(6)	NULL				
+	TDES	Traded Unit Description	C							
		Traded Unit Description Line 1	C	V	X(40)					
		: Traded Unit Description Line 2	C	V	X(40)					
+	SSTC	Stock Status Code	C	F	X(1)	NULL				

FILE: DELIVERY NOTIFICATION FILE HEADER

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT	
DLS	=		DELIVERY LINE SUPPLEMENTARY DATA	C					
			SEQA	First Level Sequence Number	M	V	9(10)	NULL	
		+	SEQB	Second Level Sequence Number	M	V	9(10)	NULL	
		+	SEQC	Third Level Sequence Number	M	V	9(10)	NULL	
		+	TFIN	To Follow Indicator	C	F	9(10)	NULL	
		+	QUTF	Quantity To-Follow or Cancelled	C			NULL	
				Number of Order Units	C	V	9(15)		
				Total Measure	C	V	9(10)V9(3)		
				Measure Indicator	C	V	X(6)		
		+	SPRS	Vendor's Substituted Product Number	C			NULL	
				EAN -13 Article Number for the Traded Unit	C	F	9(13)		
				Vendor's Code for the Traded Unit	C	V	X(30)		
				DUN -14 Code for the Traded Unit	C	F	9(14)		
+	SACS	Vendor's EAN Article Number for Substituted Customer (Retail) Unit	C	F	9(13)	NULL			
+	CPRS	Customer's Substituted Product Code	C			NULL			
		Customer's Own Brand Number (EAN)	C	F	9(15)				
		Customer's Item Code	C	V	X(30)				
+	PIND	Special Price Indicator	C	V	X(4)	NULL			
+	CRLI	Credit Line Indicator	C	V	X(4)	NULL			
PID	=		PALLET IDENTITY	C			NULL		
			SEQA	First Level Sequence Number	M	V	9(10)	NULL	
		+	SEQB	Second Level Sequence Number	M	V	9(10)	NULL	
		+	SEQC	Third Level Sequence Number	M	V	9(10)	NULL	
		+	SESH	Serial Shipping Container Code	M	F	9(18)	NULL	

FILE: DELIVERY NOTIFICATION FILE HEADER

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT	
DNC	=		DATA NARRATIVE	M			The first occurrence of DNC for preceding DLD - always present to indicate Final Delivery Flag		
			SEQA	M	V	9(10)	Takes the value of SEQA in the preceding segment with which this segment is nested		
		+	SEQB	M	V	9(10)	Takes the value of SEQB in the preceding segment with which this segment is nested		
		+	SEQC	M	V	9(10)	Starts at 1 & incremented by 1 for each repeat segment		
		+	DNAC	Data Narrative Code	C	V	9(4)	NULL	
				Code Table Number	C	V	9(4)		
				Code Value	C	V	X(3)		
		+	RTEX	Registered Text	C	V	X(3)	'043' B&Q PO Line item number	
				First Registered Application Code	M	V	X(3)		
				: Application Text	M	V	X(40)		
	Second Registered Application Code	C		V	X(3)				
	: Application Text	C		V	X(40)				
	Third Registered Application Code	C		V	X(3)				
	: Application Text	C		V	X(40)				
	Fourth Registered Application Code	C	V	X(3)					
	: Application Text	C	V	X(40)					
+	GNAR	General Narrative	C	V	X(40)	Mandatory if delivering products covered by FSC/PEFC certification. FSC/PEFC Chain of Custody reference and mix %			
		General Narrative Line 1	C	V	X(40)				
		: General Narrative Line 2	C	V	X(40)				
		: General Narrative Line 3	C	V	X(40)				
		: General Narrative Line 4	C	V	X(40)				

FILE: DELIVERY NOTIFICATION FILE HEADER

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT
DTR	=		DELIVERY TRAILER	M				
	+	LDEL	Lines Delivered	M	V	9(10)	Number of delivery line detail segments for the delivery	
MTR	=		MESSAGE TRAILER	M				
	+	NOSG	Number of Segments in Message	M	V	9(10)	Control count of the number of segments comprising message. The count includes the MHD and MTR segments surrounding the message	

FILE: DELIVERY NOTIFICATION FILE HEADER

SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT
MHD	=		MESSAGE HEADER	M				
			MSRF	M	V	9(12)	Consecutive count of messages within the transmission	
		+	TYPE	Type of Message Type Version Number	M M M	F F F	X(6) 9(1)	'DETLR' '9' for this version
DFT	=		FILE TOTALS - DELIVERIES	M				
			FTDE	M	V	9(10)	Total number of delivery details messages on file	
MTR	=		MESSAGE TRAILER	M				
		+	NOSG	Number of Segments in Message	M	V	9(10)	Control count of the number of segments comprising message. The count includes the MHD and MTR segments surrounding the message

Example of Load Level ASN

STX=ANA:1+500000000000:VENDOR NAME+5013546018962:ASN+191121:105540+3680++DELHDR'
MHD=1+DELHDR:9'
TYP=0600'
SDT=500000000000:500000+Vendor Name'
CDT=5013546018962+B&Q LTD (BQ10)'
FIL=3680+1+191121'
MTR=6'
MHD=2+DELIVR:9'
CLO=:1116'
DEL=5000001911210018:191121+++++191121'
ORF=1+115895933::191114'
DLD=1+1+0000003380734+++1+168'
DLS=1+1+1'
DNC=1+1+1++043:00001'
DLD=2+1+0000003380741+++1+56'
DLS=2+1+1'
DNC=2+1+1++043:00002'
DLD=3+1+0000003380758+++1+56'
DLS=3+1+1'
DNC=3+1+1++043:00003'
DLD=4+1+0000003380789+++1+112'
DLS=4+1+1'
DNC=4+1+1++043:00004'
DLD=5+1+0000003380826+++1+56'
DLS=5+1+1'
DNC=5+1+1++043:00005'
DLD=6+1+5030349010212+++1+56'
DLS=6+1+1'
DNC=6+1+1++043:00006'
DLD=7+1+5030349010229+++1+60'
DLS=7+1+1'
DNC=7+1+1++043:00007'
DLD=8+1+5030349012131+++1+63'
DLS=8+1+1'
DNC=8+1+1++043:00008'
DTR=8'
MTR=30'
MHD=3+DELTLR:9'
DFT=1'
MTR=3'
END=3'