

B&Q HU ASNs
Vendor EDI Technical Documentation
Delivery Notifications for Replenishment Purchase Orders

Version: 1.2

Date: January 2016

Advance Shipping Notifications

1.1 Introduction

Vendors will be asked to send Advance 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.

Additional segments in the Tradacoms message will be used to support deliveries made to B&Q's network of Regional Consolidation Centres (RCCs), Distribution Centres (DCs) and Stores. These deliveries will be made against Collective Purchase orders. ASNs will then support all operational stock movements including Stocked Lines (DC,Store), and for non-stocked X-dock, break bulk and pick-by-line (RCC).

1.2 Key Design Principles

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

- We require one ASN per physical delivery load.
- 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.
- A purchase order line can therefore appear on more than one ASN.
- An ASN for a Collective PO must describe line-item details together with how they have been packed into Handling Units.
- Handling Units must be referenced on the ASN as having a unique pallet identifier, our preference for this is the use of SSCC Barcoding (GS1 Standard).
- As part of the ASN generation you must attach a barcode label to the physical pallet, which identifies the pallet as per the Handling Unit number provided on the ASN.
- You must provide B&Q with a summary delivery manifest, which shows the ASN number of the delivery and a summary of the Handling Unit numbers on the delivery load. 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.

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1.4 Delivery Notification (Proposed Delivery) Version 9 File Format

This format will be used for advance shipping notifications (ASN).

START OF TRANSMISSION SEGMENT - END OF TRANSMISSION SEGMENT

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PIC	REMARKS	CONSTANT	
STX	=		START OF TRANSMISSION	M					
			STDS	Syntax Rules Identifier	M				
				- Identifier	M	V	X(4)	Value = 'ANA'	X
				- Version	M	F	9(1)	Value = '1'	X
			+	FROM	Identification of Transmission				
				Sender	M				
				- Code	M	V	X(14)	Vendor ANA Code	
				- Name	C	V	X(35)	Vendor Name	X
			+	UNTO	Identification of Transmission				
				Recipient	M				
		- Code	M	V	X(14)	B&Q ANA Code – Live: 5013546018962 Test: 5013546189233 / 5013546226525	X		
		- Name	C	V	X(35)	'HU ASN'			
		+	TRDT	Date and Time of Transmission	M				
				- Date	M	F	9(6)	Format: YYMMDD	
				- Time	C	F	9 (6)	Format: HHMMSS	
		+	SNRF	Senders Transmission Reference	M	V	X(14)	Sequential number for each trading partner, incremented by 1 for each file transmitted.	
		+	RCRF	Recipients Transmission Reference	C	V	X(14)		
		+	APRF	Application Reference	M	V	X(14)	'DELHDR' (live) / 'DELTES (test)	
		+	PROD	Transmission Priority Code	C	F	X(1)	'B'	X
END	=		END OF TRANSMISSION	M					
			NMST	No. of Messages in Transmission	M	V	9(5)	Control Count of number of messages in a tape or transmission	

PROPOSED TRADACOMS DELIVERY NOTIFICATION (ASN) DATA REQUIREMENTS

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File: Delivery Notification File Header

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	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	X(6) 9(1)	'DELHDR' '9' for this version	X X
TYP	=		TRANSACTION TYPE DETAILS	M					
			TCDE	M	F	9(4)	'0660' (proposed delivery)	X	
		+	TTYP	Transaction Type	C	V	X(12)	NULL	
SDT	=		VENDOR DETAILS	M					
			SIDN	Vendor's Identity Vendor's EAN Location Number	M C	F	9(13)	Vendor ANA Code	
				Vendor's Identity Allocated by Customer	M	V	X(17)	B&Q Vendor Number (upto 7 digit)	
	+	SNAM	Vendor's Name	M	V	X(40)	Vendor's Legal Name		

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PROPOSED TRADACOMS DELIVERY NOTIFICATION (ASN) DATA REQUIREMENTS

File: Delivery Notification File Header

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS	CONSTANT
		+ SADD	Vendor's Address Vendor's Address Line 1 : Vendor's Address Line 2 : Vendor's Address Line 3 : Vendor's Address Line 4 Vendor's Post Code	C C C C C C	V V V V V	X(35) X(35) X(35) X(35) X(8)	NULL	
		+ VATN	Vendor's VAT Registration Number Numeric VAT Registration Number Alphanumeric VAT Registration Number	C C C	F V	9(9) X(17)	NULL	
<u>CDT</u>	≡		CUSTOMER DETAILS	M				
		CIDN	Customer's Identity Customer's EAN Location Number : Customer's Identity Allocated by Vendor	M C C	F V	9(13) X(17)	Live: 5013546018962 Test: 5013546189233 /5013546226525 NULL	
		+ CNAM	Customer's Name	C	V	X(40)	'B&Q PLC' or 'B&Q (IRELAND) LTD'	

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PROPOSED TRADACOMS DELIVERY NOTIFICATION (ASN) DATA REQUIREMENTS

File: Delivery Notification File Header

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS	CONSTANT
		+ CADD	Customer's Address : Customer's Address Line 1 Customer's Address Line 2 : Customer's Address Line 3 Customer's Address Line 4 : Customer's Post Code	C C C C C	V V V V	X(35) X(35) X(35) X(35) X(8)	NULL	
		+ VATR	: Customer's VAT Registration Number Numeric VAT Registration Number Alphanumeric VAT Registration Number	C C C	F V	9(9) X(17)	NULL	
<u>DNA</u>	≡		DATA NARRATIVE	C				
		SEQA	First Level Sequence Number	M	V	9(10)	NULL	
		+ DNAC	Data Narrative Code Code Table Number : Code Value	C C C	V V	9(4) X(3)	NULL	

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PROPOSED TRADACOMS DELIVERY NOTIFICATION (ASN) DATA REQUIREMENTS

File: Delivery Notification File Header

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS	CONSTANT
		+	RTEX	Registered Text	C			
			: First Registered Application Code	C	V	X(3)	NULL	
			: 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)		
			: Application Text	C	V	X(40)		
		+	GNAR	General Narrative	C			
			: General Narrative Line 1	C	V	X(40)	NULL	
			: General Narrative Line 2	C	V	X(40)		
			: General Narrative Line 3	C	V	X(40)		
			: General Narrative Line 4	C	V	X(40)		
<u>FIL</u>	≡		FILE DETAILS	M				
			FLGN	File Generation Number	M	V	9(4)	This number is sequential, per file type, per trading partner

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PROPOSED TRADACOMS DELIVERY NOTIFICATION (ASN) DATA REQUIREMENTS

File: Delivery Notification File Header

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS	CONSTANT
		+	FLVN					
			File Version Number	M	V	9(4)	Original (which is always 1) is incremented by 1 for each additional copy created	
		+	FLDT					
			File Creation Date	M	F	9(6)	Date the file is created Format: YYMMDD	
		+	FLID					
			File (Reel) Identification	C	V	X(6)	NULL	
<u>FDT</u>	≡		FILE PERIOD DATES	C				
			IVED					
			Invoice Period End Date	C	F	9(6)	NULL	
		+	DVED					
			Delivery Period End Date	C	F	9(6)	NULL	
<u>MTR</u>	≡		MESSAGE TRAILER	M				
			NOSG					
			Number of Segments in Message	M	V	9(10)	Control count of the number of segments comprising message. Includes the MHD and MTR segments	

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PROPOSED TRADACOMS DELIVERY NOTIFICATION (ASN) DATA REQUIREMENTS

File: Delivery Notification File Detail

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	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	X(6) 9(1)	'DELIVR' '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/ RCC /DC Location Code (e.g. 1101, D001)	
			Vendor's Identity of Customer's Location	C	V	X(17)	NULL		
	+	CNAM	Customer's Name	C	V	X(40)	NULL		

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PROPOSED TRADACOMS DELIVERY NOTIFICATION (ASN) DATA REQUIREMENTS

File: Delivery Notification File Detail

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS	CONSTANT
	+	CADD	Customer' Address : Customer's Address Line 1 : Customer's Address Line 2 : Customer's Address Line 3 : Customer's Address Line 4 : Customer's Post Code	C C C C C	V V V V V	X(35) X(35) X(35) X(35) X(8)	NULL	
<u>DEL</u>	≡		DELIVERY REFERENCE	M				
		DELN	Delivery Note Details Delivery Note Number Date of Document	M M C	V F	X(17) 9(6)	ASN Reference Number The number should be constructed as a string of 16 digits using the following: • Six digit vendor code • The date of the ASN creation in reverse (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 etc etc. Date of despatch where relevant. YYMMDD	
	+	NODU	Number of Delivery or Uplift Units	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	

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PROPOSED TRADACOMS DELIVERY NOTIFICATION (ASN) DATA REQUIREMENTS

File: Delivery Notification File Detail

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS	CONSTANT
	+	DEVL	Delivery Volume	C	V	9(10)V9(3)	NULL	
	+	EDAT	Earliest Delivery Date	M	F	9(6)	Date of delivery Format: YYMMDD	
	+	LDAT	Latest Delivery Date	C	F	9(6)	NULL	
	+	RATM	Required Arrival Time	C			NULL	
			Earliest Time	C	F	9(4)		
			Latest Time	C	F	9(4)		
	+	DINS	Delivery Instruction Narrative	C			NULL	
			Delivery Instruction Narrative Line 1	C	V	X(40)		
			Delivery Instruction Narrative Line 2	C	V	X(40)		
			Delivery Instruction Narrative Line 3	C	V	X(40)		
			Delivery Instruction Narrative Line 4	C	V	X(40)		

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PROPOSED TRADACOMS DELIVERY NOTIFICATION (ASN) DATA REQUIREMENTS

File: Delivery Notification File Detail

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS	CONSTANT
		+	DLOC				NULL	
			Despatch Location	C				
			EAN Location Number	C	F	9(13)		
			: Vendors Own Location Code	C	V	X(17)		
		+	TLOC				NULL	
			Trans shipment Location	C				
			EAN Location Number	C	F	9(13)		
			: Vendors Own Location Code	C	V	X(17)		
		+	JORF				NULL	
			Journey Reference	C	V	X(17)		
		+	TPST				NULL	
			Transaction Planning Status	C	V	X(3)		
<u>DNS</u>	≡		<u>DELIVERY NOTE SUPPLEMENTARY DATA</u>	C				
			DIND				NULL	
			Delivery Indicators	C				
			Substitution Indicator	C	F	X(1)		
			: Back Order Indicator	C	F	X(1)		

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS	CONSTANT	
		+ SDIN	Split Delivery Indicator	C	F	X(1)	Y = Yes if this delivery is part of a complete or bulk order		
<u>DNA</u>	≡		DATA NARRATIVE	C					
			SEQA	M	V	9(10)	Starts at 1 & incremented by 1 for each 1 st level repeat		
			+ DNAC	Data Narrative Code	C			NULL	
				Code Table Number Code Value	C C	V V	9(4) X(3)		
			+ RTEX	Registered Text First Registered Application Code : Application Text : Second Registered Application Code Application Text : Third Registered Application Code Application Text : Fourth Registered Application Code Application Text	C C C C C C C	V V V V V V	X(3) X(40) X(3) X(40) X(3) X(40)	224 – Delivery point ‘S’ = Direct to Store ‘D’ = Distribution Centre (DC) ‘R’ = Regional Collection Centre (RCC)	

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PROPOSED TRADACOMS DELIVERY NOTIFICATION (ASN) DATA REQUIREMENTS

File: Delivery Notification File Detail

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS	CONSTANT	
		+	GNAR	General Narrative	C				
			: General Narrative Line 1	C	V	X(40)	NULL		
			: General Narrative Line 2	C	V	X(40)			
			: General Narrative Line 3	C	V	X(40)			
			: General Narrative Line 4	C	V	X(40)			
ORF	≡		ORDER REFERENCES - DELIVERIES	M					
			SEQA	First Level Sequence Number	M	V	9(10)	Starts at 1 and is incremented by 1 for each segment of this type in this message	
		+	ORNO	Order Number and Date Customer's Order Number	M M	V	X(17)	B&Q Purchase Order Number Current PO lengths vary from 6 to 9 digits. Number ranges will split for standard, promo & allocation, Urgent, Customer Order, returns, GNFR	
	: 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		

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PROPOSED TRADACOMS DELIVERY NOTIFICATION (ASN) DATA REQUIREMENTS

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS	CONSTANT	
<u>DLD</u>	≡		DELIVERY LINE DETAILS	M					
			SEQA	First Level Sequence Number	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 successively 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		

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PROPOSED TRADACOMS DELIVERY NOTIFICATION (ASN) DATA REQUIREMENTS

File: Delivery Notification File Detail

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS	CONSTANT
		+	CPRO	Customer's Product Number Customer's Own Brand EAN Number	C C	F	9(15)	NULL
			:	Customer's Item Code	C	V	X(30)	
		+	UNOR	Unit of Ordering	M			
			:	Consumer 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

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PROPOSED TRADACOMS DELIVERY NOTIFICATION (ASN) DATA REQUIREMENTS

File: Delivery Notification File Detail

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS	CONSTANT
		+	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			NULL	
			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	

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PROPOSED TRADACOMS DELIVERY NOTIFICATION (ASN) DATA REQUIREMENTS

File: Delivery Notification File Detail

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	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	X(1)	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)				

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PROPOSED TRADACOMS DELIVERY NOTIFICATION (ASN) DATA REQUIREMENTS

File: Delivery Notification File Detail

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS	CONSTANT
		+	SPRS				NULL	
			Vendor's Substituted Product Number	C				
			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				NULL	
			Vendor's EAN Article Number for Substituted Consumer (Retail) Unit	C	F	9(13)		

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PROPOSED TRADACOMS DELIVERY NOTIFICATION (ASN) DATA REQUIREMENTS

File: Delivery Notification File Detail

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS	CONSTANT
		+	CPRS	C C	F	9(15)	NULL	
			: Customer's Item Code	C	V	X(30)		
		+	PIND	C	V	X(4)	NULL	
		+	CRLI	C	V	X(4)	NULL	
<u>PID</u>	≡		PALLET IDENTITY	C			NULL	
			SEQA	M	V	9(10)	NULL	
		+	SEQB	M	V	9(10)	NULL	
		+	SEQC	M	V	9(10)	NULL	
		+	SESH	M	F	9(18)	NULL	

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PROPOSED TRADACOMS DELIVERY NOTIFICATION (ASN) DATA REQUIREMENTS

File: Delivery Notification File Detail

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS	CONSTANT
DNC	=		DATA NARRATIVE	M			The first occurrence of DNC for preceding DLD – always present to indicate the Final Delivery flag.	
		SEQA	First Level Sequence Number	M	V	9(10)	Takes the value of SEQA in the preceding segment with which this segment is nested	
		+ SEQB	Second Level Sequence Number	M	V	9(10)	Takes the value of SEQB in the preceding segment with which this segment is nested	
		+ SEQC	Third Level Sequence Number	M	V	9(10)	Starts at 1 & incremented by 1 for each repeat of this segment	
		+ DNAC	Data Narrative Code	C			NULL	
		:	Code Table Number Code Value	C C	V V	9(4) X(3)		

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PROPOSED TRADACOMS DELIVERY NOTIFICATION (ASN) DATA REQUIREMENTS

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS	CONSTANT	
		+	RTEX	Registered Text First Registered Application Code : Application Text Second Registered Application Code : Application Text Third Registered Application Code : Application Text Fourth Registered Application Code : Application Text	C M M C C C C C C	V V V V V V V V	X(3) X(40) X(3) X(40) X(3) X(40) X(3) X(40)	'183' Final Delivery flag ('Y' or 'N')	X
		+	GNAR	General Narrative General Narrative Line 1 : General Narrative Line 2 General Narrative Line 3 : General Narrative Line 4	C C C C C	V V V V	X(40) X(40) X(40) X(40)	Mandatory if delivering products covered by FSC/PEFC certification. FSC/PEFC Chain of Custody reference and mix %	
DNC	=		DATA NARRATIVE	M					
			SEQA	First Level Sequence Number	M	V	9(10)	Takes the value of SEQA in the preceding segment with which this segment is nested	
		+	SEQB	Second Level Sequence Number	M	V	9(10)	Takes the value of SEQB in the preceding segment with which this segment is nested	

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PROPOSED TRADACOMS DELIVERY NOTIFICATION (ASN) DATA REQUIREMENTS

File: Delivery Notification File Detail

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS	CONSTANT
	+	SEQC	Third Level Sequence Number	M	V	9(10)	Starts at 1 & incremented by 1 for each repeat of this segment	
	+	DNAC	Data Narrative Code Code Table Number Code Value	C C C	V V V	9(4) X(3)	NULL	
	+	RTEX	Registered Text First Registered Application Code Application Text Second Registered Application Code Application Text Third Registered Application Code Application Text Fourth Registered Application Code Application Text	C M M M M M M M	V V V V V V V V	X(3) X(40) X(3) X(40) X(3) X(40) X(3) X(40)	'043' B&Q purchase order line item number '230' Delivery Quantity for Sub Item '230' Storage Location '165' Store Code For Store Order, as the storage location is 0001 (Put away) , provide the relevant 4 digit Store code as e.g '1101' or else for DC/ RCC orders if the storage location is 0001/0002/0003/0004, provide the relevant DC code (e.g D001).	X X X X
	+	GNAR	General Narrative General Narrative Line 1 General Narrative Line 2 General Narrative Line 3 General Narrative Line 4	C M C C C	V V V V V	X(40) X(40) X(40) X(40)	UPI of Outer Handling Unit UPI of Inner Handling Unit (UPI = Unique Pallet Identifier)	

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS	CONSTANT
DTR	≡		DELIVERY TRAILER	M				
		LDEL	Lines Delivered	M	V	9(10)	Number of delivery line detail segments for the delivery	
<u>MTR</u>	≡		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	

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PROPOSED TRADACOMS DELIVERY NOTIFICATION (ASN) DATA REQUIREMENTS

File: Delivery Notification File Trailer

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SEGMENT		DATA ELEMENT	DATA ELEMENT NAME	M/C	F/V	PICTURE	REMARKS	CONSTANT
MHD	=		MESSAGE HEADER	M				
		MSRF	Message Reference	M	V	9(12)	Consecutive count of messages within the transmission	
		+ TYPE	Type of Message Type Version Number	M M M	F F	X(6) 9(1)	'DELTLR' '9' for this version	X X
DFT	=		FILE TOTALS - DELIVERIES	M				
		FTDE	File Total Number of Deliveries	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	

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Example of Tradacoms File for HU ASN

SCENARIO 1: B&Q HU ASN for a single Purchase Order

STX=ANA:1+1234567891234:TEST VENDOR+**5013546226525**:HU ASN+160101:125031+851++DELHDR+B'
MHD=1+DELHDR:9'
TYP=0660'
SDT=1234567891234:503000'
CDT=**5013546226525**+B&Q PLC+P HOUSE::C FORD:EASTLEIGH, HAMPSHIRE:SO53 3YX'
FIL=849+1+160101'
MTR=6'
MHD=2+DELIVR:9'
CLO=:**1101**+TEST STORE+MULLER ROAD:BRISTOL:GB::BS7 9NU'
DEL= **5030001501070001**:160107+++++160107'
DNS+=N'
ORF=1+**100010090**::160101'
DLD=1+1+1111111111111111 ++:26152783+1+4+Tile Gallery Bevel Black Border 150x25mm'
DNC=1+1+1++183:N'
DNC=1+1+2++043:00001:230:1:230:0001:165:1101+150391600000538483'
DLD=1+2+22222222222222++:26593326+1+10+Opera Silver Border 250x20mm'
DNC=1+2+1++183:N'
DNC=1+2+2++043:00002:230:5:230:0002:165:0735+150391600000538506:150391600000538117'
DNC=1+2+2++043:00002:230:5:230:0002:165:0735+150391600000538507:150391600000538119'
MTR=13'
MHD=3+DELTLR:9'
DFT=1'
MTR=3'
END=3'

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SCENARIO 2: B&Q HU ASN for a multiple Purchase Order

STX=ANA:1+1234567891234:TEST VENDOR+5013546226525:HU ASN+160107:125031+851++DELHDR+B'
MHD=1+DELHDR:9'
TYP=0660'
SDT=1234567891234:503980'
CDT=5013546226525+B&Q PLC+P HOUSE::C FORD:EASTLEIGH, HAMPSHIRE:SO53 3YX'
FIL=849+1+160107'
MTR=6'
MHD=2+DELIVR:9'
CLO=:D001:BQR135+TEST DC+GP:H Road::SWINDON, WILTSHIRE:SN3 4QL'
DEL=5039801601070001:160107+++++160108'
ORF=1+100011505::151231'
DLD=1+1+1111111111111111++:26152783+1+1+Tile Gallery Bevel Black Border 150x25mm'
DNC=1+1+1++183:N'
DNC=1+1+2++043:00001:230:1:230:0001:165:D001+150391600000538483'
DLD=1+2+22222222222222++:26593326+1+10+Opera Silver Border 250x20mm'
DNC=1+2+1++183:N'
DNC=1+2+2++043:00002:230:5:230:0002:165:0735+150391600000538506:150391600000538117'
DNC=1+2+2++043:00002:230:5:230:0002:165:0735+150391600000538507:150391600000538119'
ORF=2+100011506::151231'
DLD=2+1+33333333333333++:27224649+1+50+Tile Gallery Silver Border 200x30mm'
DNC=2+1+1++183:N'
DNC=2+1+2++043:00003:230:50:230:0003:165:D001+150391600000538292'
DLD=2+2+44444444444444++:27516751+1+100+Sandstorm Slate Wall 250x330mm'
DNC=2+4+1++183:N'
DNC=2+4+2++043:00004:230:50:230:0004:165:0660+55555555:150391600000538025'
DNC=2+4+2++043:00004:230:50:230:0004:165:0661+66666666:150391600000538026'
DLD=2+5+55555555555555++:27758175+1+4+Tile Gallery Bevel White Border 200x25mm'
DNC=2+5+1++183:N'
DNC=2+5+2++043:00005:230:2:230:0004:165:0712+150391600000538508:150391600000538018'
DNC=2+5+3++043:00005:230:1:230:0002:165:0772+150391600000538407'
DNC=2+5+4++043:00005:230:1:230:0002:165:0771+150391600000538414'
DTR=9'
MTR=26'
MHD=3+DELTLR:9'
DFT=1'
MTR=3'
END=3'

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B&Q SAP Store Replenishment Project Vendor EDI Development

Description of the TRADACOM Delivery file for the Scenario: 2 (multiple Purchase Orders: 100011505 & 100011506)

Taken from the example file above, the details of the first Purchase order 100011505 is :

The first DLD and its' nested DNC segments tell us that a quantity of 20 of EAN 1111111111111 is to be delivered to DC D001.

The 1st DNC contains the final delivery flag for this line.

The 2nd DNC tells us the original B&Q PO Line Number (043:00001) the Delivery Quantity (230:1), the Storage Location (230:0001), the DC receiving the delivery (165:D001), the Outer UPI (150391600000538483).

The second DLD and its' nested DNC segments tell us that a quantity of 10 of EAN 2222222222222 is to be delivered to DC D001, but with a store breakdown of 5 going to Store 0735 on the pallet with an identifier of 150391600000538117 and another 5 going to the same Store on a different pallet with an identifier of 150391600000538119.

The 1st DNC contains the final delivery flag for this line.

The 2nd DNC tells us the original B&Q PO Line Number (043:00002), the Delivery Quantity (230:5), the Storage Location (230:0002), the Store eventually receiving the delivery (165:0735) and the Outer UPI (150391600000538117).

The 3rd DNC tells us the original B&Q PO Line Number (043:00002), the Delivery Quantity (230:5), the Storage Location (230:0002), the Store eventually receiving the delivery (165:0735) and the Outer UPI (150391600000538119).

Now comes the details of the second Purchase Order, 100011506:

The third DLD and its' nested DNC segments tell us that a quantity of 10 of EAN 3333333333333 is to be delivered to DC D001.

The 1st DNC contains the final delivery flag for this line.

The 2nd DNC tells us the original B&Q PO Line Number (043:00003) the Delivery Quantity (230:10), the Storage Location (230:0003), the DC receiving the delivery (165:D001), the Outer UPI (50391600000538292).

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The fourth DLD and its' nested DNC segments tell us that a quantity of 100 of EAN 4444444444444 is to be delivered to DC R001, but with a store breakdown of 50 going to Store 0660 on the pallet with an identifier of 150391600000538025 and another 50 going to Store 0661 on the pallet with an identifier of 150391600000538025.

The 1st DNC contains the final delivery flag for this line.

The 2nd DNC tells us the original B&Q PO Line Number (043:00004), the Delivery Quantity (230:50), the Storage Location (230:0004), the Store eventually receiving the delivery (165:0660), the Outer UPI (150391600000538025) and the Inner UPI (55555555).

The 3rd DNC tells us the original B&Q PO Line Number (043:00004), the Delivery Quantity (230:50), the Storage Location (230:0004), the Store eventually receiving the delivery (165:0661), the Outer UPI (150391600000538025) and the Inner UPI (66666666).

The fifth DLD and its' nested DNC segments tell us that a quantity of 4 of EAN 5555555555555 is to be delivered to DC D001, but with a store breakdown of 2 going to Store 0712 on the pallet with an identifier of 150391600000538018 and 1 going to Store 0772 on the pallet with an identifier of 150391600000538407 and another 1 going to Store 0772 on the pallet with an identifier of 150391600000538414.

The 1st DNC contains the final delivery flag for this line.

The 2nd DNC tells us the original B&Q PO Line Number (043:00004), the Delivery Quantity (230:2), the Storage Location (230:0004), the Store eventually receiving the delivery (165:0712), the Outer UPI (150391600000538018) and the Inner UPI (150391600000538506).

The 3rd DNC tells us the original B&Q PO Line Number (043:00004), the Delivery Quantity (230:1), the Storage Location (230:0002), the Store eventually receiving the delivery (165:0772), the Outer UPI (150391600000538407).

The 4th DNC tells us the original B&Q PO Line Number (043:00004), the Delivery Quantity (230:1), the Storage Location (230:0002), the Store eventually receiving the delivery (165:0771), the Outer UPI (150391600000538414).

Storage Location Codes must be limited to the following values:

0001 – Normal

0002 – Cross Dock

0003 – Pick by Line

0004 – Break Bulk