EDI ADVANCE SHIPPED NOTICE (ASN) SPECIFICATION

Transaction Set 856 - Version 4060   May 2003

ELEMENT	REF. #	DESCRIPTION	VALUES	COMMENTS
ST Transaction Set Header				
ST01	143	Transaction Set Identifier Code	856	856 = Advance Ship Notice
ST02	329	Transaction Set Control Number		Must match the SE02
BSN Beginning Segment for Ship Notice				
BSN01	353	Transaction Set Purpose Code	14	Use "14" (Advance Notification) code only
BSN02	396	Shipment Identification		Must be a unique identifier. This reference number should be guaranteed not to repeat for at least a twelve month period. Supplier should insure that this number can be associated with the corresponding Invoice.
BSN03	373	Date	CCYYMMDD	CCYYMMDD Transaction create date
BSN04	337	Time		HHMM Transaction create time
BSN05	1005	Hierarchical Structure	0002	"0002" (shipment, order, item, packaging)

SHIPMENT LEVEL

ELEMENT	REF. #	DESCRIPTION	VALUES	COMMENTS
HL Hierarchical Level				
HL01	628	Hierarchical ID Number	1	Sequence number. Should begin with 1 and increment by 1 for each occurrence of the HL segment in a given transaction set.
HL03	735	Hierarchical Level Code	S	Use "S" (Shipment) code
TD1 Carrier Details (Quantity and Weight)				
TD101	103	Packaging Code	PCS	The interests of the shipper and the consignee are best served by the provision of carton or piece counts. "Said to contain" pallet counts do not provide an adequate measure of shipment integrity.
TD102	80	Lading Quantity		Must contain the actual number of lading pieces shipped. This count will typically be a carton count but may also reflect rolls, bags or other lading units of measure.
TD106	187	Weight Qualifier	A3	Use "A3" (Shipment Weight)
TD107	81	Weight		Maximum of 8 characters
TD108	355	Unit or Basis for Measurement Code	LB or KG	Use "LB" (Pounds) or "KG" (Kilograms) (Should match UOM of Invoice)

TD5 Carrier Details (Routing / Transit Time)					
TD502	66	ID Code Qualifier		2	Use "2" (Standard Carrier Alpha Code or SCAC qualifier) code only
TD503	67	ID Code			Should contain the carrier's SCAC code as assigned by the National Motor Freight Traffic Association. If the shipment is being delivered by a supplier's truck, a SCAC must be aquired through the National Motor Freight Traffic Association (www.nmfta.org/SCAC2.htm)
TD505	387	Routing			User carrier name (free-form)
TD506	368	Shipment / Order Status Code		BP, CC, CP, CS, SS, CM	BP (Shipment Partial, Backorder to follow); CC (Shipment Complete); CP (Partial Shipment, Considered No Backorder); CS (Shipment Complete with Substitution); SS (Split Shipment); CM (Shipment Complete with Additional Qty)

REF Reference Number					
REF01	128	Reference ID Qual.		BM	Use "BM" (Bill of Lading number) - The Home Depot defines the Bill of Lading number as the internal order number associated with the shipment.
REF02	127	Reference ID			Bill of Lading number - unique to each shipment

REF Reference Number					
REF01	128	Reference ID Qual.		CN	Use "CN" (Carrier's PRO/Freight Bill number) - The Home Depot defines the Pro/Freight Bill number as the shipment number provided by the carrier who will be delivering the product.
REF02	127	Reference ID			Carrier 's PRO number / Freight Bill number - as assigned by the Carrier

DTM Date /Time Reference					
DTM01	374	Date / Time Qualifier		011	Use "011" (Ship Date / Time)
DTM02	373	Date		CCYYMMDD	Ship Date

N1 Name					
N101	98	Entity ID Code		SH	Use "SH" (Shipper Loop)
N102	93	Name			Your corporate name

N3 Address					
N301	166	Address Information			Your Corporate street address
N302	166	Address Information			Your Additional corporate street address

N4 Geographic Location				
N401	19	City Name		Your Corporate city name
N402	156	State / Province Code		Your Corporate state or province code
N403	116	Postal Code		Your Corporate zip code

N1 Name				
N101	98	Entity ID Code	OB	Use "OB" (Ordered By) to identify the Home Depot store location
N102	93	Name		Home Depot, Villagers Hardware, Home Depot Expo

N3 Address				
N301	166	Address Information		Ordering store address
N302	166	Address Information		Additional ordering store address

N4 Geographic Location				
N401	19	City Name		Ordering store city name
N402	156	State / Province Code		Ordering store state or province
N403	116	Postal Code		Ordering store zip code
N404	26	Country Code		Country Code for store
N405	309	Location Qualifier	SN	Use "SN" (Store Number)
N406	310	Location Identifier		Ordering Home Depot store or Transit Facility number (must be correct four digit location number)

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N1 Name				
N101	98	Entity ID Code	SF	Use "SF" (Ship From). This should only be sent if the shipping location is different from the corporate address mapped in the "SH" loop.
N102	93	Name		Your company name or warehouse name / identifier

N3 Address				
N301	166	Address Information		Warehouse street address
N302	166	Address Information		Additional warehouse street address

N4 Geographic Location				
N401	19	City Name		Warehouse city name
N402	156	State / Province Code		Warehouse state or province code
N403	116	Postal Code		Warehouse zip code

ORDER LEVEL

HL Hierarchical Level				
HL01	628	Hierarchical ID Number	2	Sequence number. This is the second HL segment; therefore, it would be "2".
HL02	734	Hierarchical Parent ID Number	1	Use "1" (Order Level) code only
HL03	735	Hierarchical Level Code	O	Use "O" (Order) code only

PRF Purchase Order Reference				
PRF01	324	PO Number		Should match the PO Number of the original order
PRF04	373	PO Date	CCYYMMDD	Should match the PO Date of the original order

ITEM LEVEL

HL Hierarchical Level				
HL01	628	Hierarchical ID Number		The first Item Level HL segment normally begins with 3 and increments by one for each occurrence within the Transaction set. (This number may not repeat)
HL02	734	Hierarchical Parent ID	2	Use "2" (Item Level)
HL03	735	Hierarchical Level Code	I	Use the letter "I" (Item)

LIN Item Identification				
LIN01	350	Assigned Identification		Sequence number. Should correspond with the shipment of the line item # provided on the corresponding Purchase Order (PRF01).
LIN02	235	Product Service ID Qualifier	VP	Use "VP" (Vendor Part Number)
LIN03	234	Product Service ID		Vendor Part number
LIN04	235	Product Service ID Qualifier	SK	Use "SK" (Stock Keeping Unit number)
LIN05	234	Product Service ID		The Home Depot's 6 digit SKU
LIN06	235	Product Service ID Qualifier	UP	Use "UP" (UPC)
LIN07	234	Product Service ID		12 or 13 Digit UPC code or EAN number

SN1 Item Detail (Shipment)				
SN101	350	Assigned Identification		Sequence number. Should begin with 1 and increment by 1 for each occurrence of the SN1 segment.

				Total item quantity shipped. This ship quantity and unit of measure must correspond to The Home Depot's ordered quantity/unit of measure. For example: Conversion of "Eaches" to"Pack" or "Linear Feet" is invalid and will render item information useless.
SN102	382	Number of Units Shipped		
SN103	355	Unit or Basis for Measurement Code		Must equal Home Depot's Purchase Order Unit of Measure.

SLN Subline Item Detail				
SLN01	350	Assigned Identification		Sequence number. Should begin with 1 and increment by 1 for each occurrence of the SN1 segment.
SLN03	662	Relationship Code	I	Use the letter "I" (Included In Shipment) code only
SLN04	380	Quantity		Total item quantity shipped, should be equivalent to SN102 for this item
SLN05	C001	Composite UOM		Must equal Home Depot purchase order UOM.
SLN06	212	Unit Price		Unit price should match the Unit price of the Purchase Order and Invoice.

PO4 Item Physical Details				
PO401	356	Pack		Master Pack. Number of Innerpack units per outerpack unit. If no Master Pack, it should be mapped as "1" (one).
PO402	357	Size		Standard pack size. Number of sellable units contained in the standard pack.
PO403	355	Unit or Basis for Measurement Code		Must equal Home Depot's Purchase Order Unit of Measure.

PID Product / Item Description				
PID01	349	Item Description Type	F	Use "F" (Free-form)
PID05	352	Description		Free-form item description (80 characters Maximum)

CTT Transaction Totals				
CTT01	354	Number of Line Items		The accumulation of the number of HL segments (including shipment and order)
CTT02	347	Hash total		The sum of all SN102 elements (units shipped)

SE Transaction Set Trailer				
SE01	96	Number of Included Segments		A count of the number of segments in the transaction
SE02	329	Transaction Set Control Number		Must match the transaction set control number in the ST02 element.