HD Supply Facilities Maintenance

850 Purchase Order

Version 4060

Purpose:
This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

850 Purchase Order

Functional Group = PO

Header

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
M	M	1	100	ST	Transaction Set Header
M	M	1	200	BEG	Beginning Segment for Purchase Order
M	O	1	400	CUR	Currency
M	O	>1	500	REF	Reference Information
M	O	3	600	PER	Administrative Communications Contact
O	O	>1	800	FOB	F.O.B. Related Instructions
				LOOP SAC	**Max: 25** **Optional**
O	M	1	1200	SAC	Service, Promotion, Allowance, or Charge Information
M	O	10	1500	DTM	Date/Time Reference
M	O	>1	2400	TD5	Carrier Details (Routing Sequence/Transit Time)
				LOOP N9	**Max: 1000** **Required**
M	M	1	2950	N9	Extended Reference Information
O	O	>1	3000	MTX	Text
				LOOP N1	**Max: 200** **Required**
M	M	1	3100	N1	Party Identification
M	O	2	3300	N3	Party Location
M	O	>1	3400	N4	Geographic Location
O	O	>1	3600	PER	Administrative Communications Contact

Detail

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
				LOOP PO1	**Max: 100000** **Required**
M	M	1	100	PO1	Baseline Item Data

M	O	25	300	PO3	Additional Item Detail
O	O	>1	900	PO4	Item Physical Details
O	O	>1	1000	REF	Reference Information
O	O	>1	2890	MTX	Text
O	O	>1	2900	SPI	Specification Identifier

Summary

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
				LOOP CTT	Max: 1 Required
M	M	1	100	CTT	Transaction Totals
M	O	1	200	AMT	Monetary Amount Information
M	M	1	300	SE	Transaction Set Trailer

ST Transaction Set Header

ST

Position: 100
Loop:
Level: Header
User Req: Required
Max Use: 1
Notes: User Option (Usage):
Must use
Purpose:
To indicate the start of a transaction set and to assign a control number
Semantics:
1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Example Data:
ST*850*00001

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	ST01	143	Transaction Set Identifier Code	ID	3/3
				Code uniquely identifying a Transaction Set		
				850 Purchase Order		
M	M	ST02	329	Transaction Set Control Number	AN	4/9
				Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		

BEG Beginning Segment for Purchase Order

Position: 200
Loop:
Level: Header
User Req: Required
Max Use: 1
Notes: User Option (Usage):
Must use
BEG
Purpose:
To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates
Example Data:
BEG*00*NE*4700769104**20120424*123456789

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	BEG01	353	Transaction Set Purpose Code	ID	2/2
				Code identifying purpose of transaction set		
				00 Original		
M	M	BEG02	92	Purchase Order Type Code	ID	2/2
				Code specifying the type of Purchase Order HDS Comments: A drop ship order reflects an order that is to be sent to a destination other than an HDS Facility. A new order reflects an order that is to be sent to an HDS Facility (Distribution Center/Warehouse).		
				DS Dropship		
				NE New Order		
M	M	BEG03	324	Purchase Order Number	AN	1/22
				Identifying number for Purchase Order assigned by the orderer/purchaser		
M	M	BEG05	373	Date	DT	8/8
				Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year		
O	O	BEG06	367	Contract Number	AN	1/30
				Contract number		

CUR Currency

CUR

Position: 400
Loop:
Level: Header
User Req: Required
Max Use: 1
Notes: User Option (Usage):
Must use
Purpose:
To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Example Data:
CUR*BY*USD
HDS Comments:
ISO definition - USD = United States Dollars

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	CUR01	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser)	ID	2/3
M	M	CUR02	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified	ID	3/3

REF Reference Information

Position: 500
Loop:
Level: Header
User Req: Required
Max Use: >1
Notes: User Option (Usage):
Used
Purpose:
To specify identifying information
Semantics:
1. REF01 and REF02 are required.
Example Data:
REF*VR*34678
REF*CO*23225566
REF*CR*12334455
HDS Comments:
The VR code is used to represent the Suppliers vendor # within HD Supply.
The CO and CR segments will only be on Factory Direct Drop Ship orders delivered to customer location.

User Req	Req Des.	Ref. Des.	Data Element	Element Name		Data Type	Min/Max Len.
M	M	REF01	128	Reference Identification Qualifier		ID	2/3
				VR	Vendor ID Number		
				CO	HDS Sales Order Number (Drop ship only)		
				CR	HDS Customer Order Reference Number (Drop ship only)		
M	O	REF02	127	Reference Identification		AN	1/50
				Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			

PER Administrative Communications Contact

PER

Position: 600
Loop:
Level: Header
User Req: Required
Max Use: 3
Notes: User Option (Usage):
Used
Purpose:
To identify a person or office to whom administrative communications should be directed
Semantics:
1. REF01 and REF02 are required.
Example Data:
PER*AE*HDS Buyer*EM*agent@hdsupply.com*TE*8588581111
HDS Comments:
Below are the definitions of the Codes for the PER01.
AE: Corporate Purchasing Agent- This is the HDS buyer and would handle any issues around the Stock Purchase Order
AJ: Primary Contact- This would be the HDS contact for and issues around a Special Orders/Drop Ship.

User Req	Req Des.	Ref. Des.	Data Element	Element Name		Data Type	Min/Max Len.
M	M	PER01	366	Contact Function Code		ID	2/2
				Code identifying the major duty or responsibility of the person or group named			
				AE	Corporate Purchasing Agent		
				AJ	Primary Contact		
M	O	PER02	93	Name		AN	1/60
				Free-form name			
M	O	PER03	365	Communication Number Qualifier		ID	2/2
				Code identifying the type of communication number			
				EM	Electronic Mail		
M	O	PER04	364	Communication Number		AN	1/256
				Complete communications number including country or area code when applicable			
M	O	PER05	365	Communication Number Qualifier		ID	2/2
				Code identifying the type of communication number			
				TE	Telephone		
M	O	PER06	364	Communication Number		AN	1/256
				Complete communications number including country or area code when applicable			

FOB F.O.B. Related Instructions

FOB

Position: 800
Loop:
Level: Header
User Req: Optional
Max Use: >1
Notes: User Option (Usage):
Used
Purpose: To specify transportation instructions relating to shipment
Syntax Rules:
1. C0302 - If FOB03 is present, then FOB02 is required.
Semantics:
1. FOB01 indicates which party will pay the carrier.
2. FOB02 is the code specifying transportation responsibility location.
Example Data:
FOB*DE*OR*Taiwan, Taichung
HDS Comments:
FOB01 with a DE qualifier represents Destination with exceptions as agreed between buyer and seller. FOB02 is the code specifying transportation responsibility location.

User Req	Req Des.	Ref. Des.	Data Element	Element Name		Data Type	Min/Max Len.
M	M	FOB01	146	Shipment Method of Payment		ID	2/2
				Code identifying payment terms for transportation charges			
				DE	Per Contract		
				TP	Third Party Pay		
M	O	FOB02	309	Location Qualifier		ID	1/2
				OR	Origin (Shipping Point)		
				DE	Destination (Shipping)		
O	O	FOB03	352	Description		AN	1/80
				A free-form description to clarify the related data elements and their content			

SAC Service, Promotion, Allowance, or Charge Information

SAC

Position: 1200
Loop: SAC
Level: Header
User Req: Optional
Max Use: 1
Notes: User Option (Usage):
Must use
Purpose:
To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge
Example Data:
SAC*A*I170***500*3*.5*****02
HDS Comments:
When this Segment is received in a Purchase Order, it is to notify the supplier that this particular Order has a contractual allowance or charge. SAC05 Decimal Point Implied Example 500 = 5.00

User Req	Req Des.	Ref. Des.	Data Element	Element Name		Data Type	Min/Max Len.
M	M	SAC01	248	Allowance or Charge Indicator		ID	1/1
				Code which indicates an allowance or charge for the service specified			
				A	Allowance		
				C	Charge		
M	O	SAC02	1300	Service, Promotion, Allowance, or Charge Code		ID	4/4
				Code identifying the service, promotion, allowance, or charge			
				B720	Cooperative Advertising / Merchandising Allowance		
				C000	Defective Allowance		
				E750	Store Discount		
				F800	Promotional Allowance		
				H000	Special Allowance		
				H080	Special Freight Supplement		
				I170	Trade Discount		
				I530	Volume Discount		
				A010	Absolute Minimum Charge		
				C040	Delivery		
				C310	EDI Discount		
				C870	Expediting Fee		
				D200	Freight Charges to Destination		
				D300	Non-Facilities Delivery Fee		
				D500	Handling		

				D900	Installation		
				F155	Packaging		
				F180	Pallet Charges		
				F240	Per Item Charge		
				H400	Stop Charge		
M	O	SAC05	610	Amount		N2	1/15
				Total amount for the service, promotion, allowance, or charge			
M	O	SAC06	378	Allowance/Charge Percent Qualifier		ID	1/2
				Code indicating on what basis allowance or charge percent is calculated			
				3	Discount/Gross		
X	O	SAC07	332	Percent, Decimal Format		R	1/6
				Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%)			
M	O	SAC12	331	Allowance or Charge Method of Handling Code		ID	2/2
				Code indicating method of handling for an allowance or charge			
				02	Off Invoice		

DTM Date/Time Reference

DTM

Position: 1500
Loop:
Level: Header
User Req: Required
Max Use: 10
Notes: User Option (Usage):
Must use
Purpose:
To specify pertinent dates and times
Example Data:
DTM*002*20100104
DTM*010*20260104
DTM*037*20120223 USED FOR IMPORT ONLY
DTM*038*20120228 USED FOR IMPORT ONLY
HDS Comments:
DTM01 = 002 refers to the date that HDS expects the product to be delivered to the ship to location. It is NOT the date expected to ship the product. The supplier needs to account for transportation time in order to deliver on the date specified in this segment.
DTM01 = 037 and 038 refers to an import order only and is meant to provide the ship window to the 3rd party carrier.

User Req	Req Des.	Ref. Des.	Data Element	Element Name		Data Type	Min/Max Len.
M	M	DTM01	374	Date/Time Qualifier		ID	3/3
				Code specifying type of date or time, or both date and time			
				002	Delivery Requested		
				037	Ship Not Before		
				038	Ship No Later		
				010	Requested Ship		
M	O	DTM02	373	Date		DT	8/8
				Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			

TD5 Carrier Details (Routing Sequence/Transit Time)

TD5

Position: 2400
Loop:
Level: Header
User Req: Required
Max Use: >1
Notes: User Option (Usage):
Must use
TD5
Purpose:
To specify the carrier and sequence of routing and provide transit time information
Example Data:
TD5*****UNSP_CG

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	O	TD505	387	Routing Routing information	AN	1/35

N9 Extended Reference Information

N9

Position: 2950
Loop: N9
Level: Header
User Req: Required
Max Use: 1
Notes: User Option (Usage):
Must use
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Example Data:
N9*L1*PO NOTES

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
X	M	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification L1 Letters or Notes	ID	2/3
X	O	N902	127	Reference Identification Reference information as defined for a particular Transaction Set. PO NOTES	AN	1/50

MTX Text

MTX

Position: 3000
Loop: N9
Level: Header
User Req: Optional
Max Use: >1
Notes: User Option (Usage):
Used
Purpose:
To specify textual data
Syntax Rules:
1. C0102 - If MTX01 is present, then MTX02 is required.
Example Data:
MTX*INT*TENDER ONE WEEK PRIOR TO SHIP WINDOW
MTX*SCN*CY/CY 1X20
HDS Comments: Ocean Shipping Container Information examples used with SCN Code:
CFS/CY- Consolidated Freight station/Container Yard. This is when the factory delivers the PO to a consolidated facility and it is then loaded into a container with multiple Pos. It is then delivered to the port at origin and is ship to a carrier container yard in the US, where it is picked up by the trucking company as a full container and is delivered to our DC. It is consolidated with only HD Supply Pos.
CY/CY- Container yard/Container yard. This is a factory loaded full container that is delivered to the container yard at the origin port. It then is loaded on a vessel and sails to the US port, where it is picked up as a full container and delivered to our DC. This container consists of only one HD Supply vendor PO.
CFS/CFS-Consolidated Freight Station/Consolidated freight Station. This is when the factory delivers the PO to a consolidated facility and it is then loaded into a container with multiple Pos. It is then delivered to the port of origin and is shipped to a consolidation facility in the US where it is unloaded and divide up by PO. The PO quantity is then palletized and delivered to the DC. It is not a full container when delivered.
NOTE: Potentially any purchase order received can contain notes. It is expected that your processes will allow you to read these potential notes and take action accordingly.

User Req	Req Des.	Ref. Des.	Data Element	Element Name		Data Type	Min/Max Len.
M	O	MTX01	363	Note Reference Code		ID	3/3
				Code identifying the functional area or purpose for which the note applies			
				INT	General Order Instructions		
				LAB	Labeling Instructions		
				PKG	Packaging Instructions		
				SCN	Ocean Shipping Container Information (Import Only)		
M	O	MTX02	1551	Textual Data		AN	1/4096
				To transmit large volumes of message text			

N1 Party Identification

N1

Position: 3100
Loop: N1
Level: Header
User Req: Required
Max Use: 1
Notes: User Option (Usage):
Must use
Purpose: To identify a party by type of organization, name, and code
Example Data:
N1*OB*HD Supply Facmaint
N1*BT*HD Supply Facmaint
N1*ST*CENTURY PLAZA APTS (Drop Ship)
N1*ST*HDS DISTRIBUTION CENTER*6*CA18 (Stock)

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual OB Ordered By BT Bill-to-Party ST Ship To	ID	2/3
M	O	N102	93	Name Free-form name	AN	1/60
X	O	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code 6 HD Supply FM Warehouse Plant Code	ID	1/2
X	O	N104	67	Identification Code Code identifying a party or other code Example: CA18 NOTE: this will only be present on orders going to HDS warehouses. Drop Ship to customer location will not include this.	AN	2/80

N3 Party Location

N3

Position: 3300
Loop: N1
Level: Header
User Req: Required
Max Use: 2
Notes: User Option (Usage):
Must use
Purpose:
To specify the location of the named party
Example Data:
N3*PO Box 4942
N3*20625 59th PLACE SOUTH*APT 2

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	N301	166	Address Information	AN	1/55
O	O	N302	166	Address Information	AN	1/55

N4 Geographic Location

N4

Position: 3400
Loop: N1
Level: Header
User Req: Required
Max Use: >1
Notes: User Option (Usage):
Must use
Purpose:
To specify the geographic place of the named party
Example Data:
N4*Orlando*FL*328021111*USA
or
N4*Orlando*FL*32802*USA
HDS Comments:
The Postal Code provided in the N403 must not contain any dashes or spaces as this will cause the invoice to fail. The country code provided can be sent as US or USA.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	O	N401	19	City Name	AN	2/30
				Free-form text for city name		
M	O	N402	156	State or Province Code	ID	2/2
				Code (Standard State/Province) as defined by appropriate government agency		
M	O	N403	116	Postal Code	ID	3/15
				Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
M	O	N404	26	Country Code	ID	2/3
				Code identifying the country		

PER Administrative Communications Contact

PER

Position: 3600
Loop: N1
Level: Header
User Req: Optional
Max Use: >1
Notes: User Option (Usage):
Used
PER
Purpose:
To identify a person or office to whom administrative communications should be directed
Syntax Rules:
1.
P0304 - If either PER03 or PER04 is present, then the other is required.
Example Data:
PER*NT*Contact Name*TE*8588581111
NOTE:
This the contact phone number for delivery location.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	PER01	366	Contact Function Code	ID	2/2
				Code identifying the major duty or responsibility of the person or group named		
				NT Notification Contact		
M	O	PER02	93	Name	AN	1/60
				Free-form name		
M	O	PER03	365	Communication Number Qualifier	ID	2/2
				Code identifying the type of communication number		
				TE Telephone		
M	O	PER04	364	Communication Number	AN	1/256
				Complete communications number including country or area code when applicable. This the contact phone number for delivery location.		

PO1 Baseline Item Data

PO1

Position: 100
Loop: PO1
Level: Detail
User Req: Required
Max Use: 1
Notes: User Option (Usage):
Must use
Purpose:
To specify basic and most frequently used line item data
Example Data:
PO1*10*1*EA*2453.25**VP*478678*SK*207952
PO1*1*3*EA*211**VP*UDR- DU850SWPU*SK*286146
HDS Comments: Comments:
1. PO101 is the line item identification.
2. PO102 is quantity ordered.
3. PO1*06 = VP
4. PO1*07 = Vendor Part #
5. PO1*08 = SK
6. PO1*09 = HDS (stock Keeping unit) SKU#- NOTE: This is the HDS product number and is the prevailing identifier for all EDI messages pertaining to materials.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	O	PO101	350	Assigned Identification	AN	1/20
				Alphanumeric characters assigned for differentiation within a transaction set This value must be returned on all subsequent documents including the 855 (POA), 856 (ASN) and 810 (Invoice)		
M	O	PO102	380	Quantity	R	1/15
				Numeric value of quantity		
M	O	PO103	355	Unit or Basis for Measurement Code	ID	2/2
				Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
				BA Bale		
				BG Bag		
				BO Bottle		
				BX Box		
				CA Case		
				CT Carton		
				DI Dispenser		
				DZ Dozen		
				EA Each		
				FT Foot		
				IN Inch		

				KT	Kit		
				PK	Package		
				PR	Pair		
				RL	Roll		
				SF	Square Foot		
				TB	Tube		
				VI	Vial		
M	O	PO104	212	Unit Price		R	1/17
				Price per unit of product, service, commodity, etc.			
M	O	PO106	235	Product/Service ID Qualifier		ID	2/2
				Code identifying the type/source of the descriptive number used in Product/Service ID			
				VP	Vendor's (Seller's) Part Number		
M	O	PO107	234	Product/Service ID		AN	1/48
				Identifying number for a product or service			
M	O	PO108	235	Product/Service ID Qualifier		ID	2/2
				Code identifying the type/source of the descriptive number used in Product/Service ID			
				SK	Stock Keeping Unit (SKU)		
M	O	PO109	234	Product/Service ID		AN	1/48
				Identifying number for a product or service			

PO3 Additional Item Detail

PO3

Position: 300
Loop: PO1
Level: Detail
User Req: Required
Max Use: 25
Notes: User Option (Usage):
Must use
Purpose:
To specify basic and most frequently used line item data
Example:
PO3*ZZ**NET*500**3*EA
HDS Comments:
PO304 plus or minus SAC allowances and/or charges
PO306 same as PO102
PO307 same as PO103

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	PO301	371	Change Reason Code	ID	2/2
				ZZ Mutually Defined		
M	O	PO303	236	Price Identifier Code	ID	3/3
				Code Identifying Pricing Specification		
				NET Net Item Price		
M	O	PO304	212	Unit Price	R	1/17
				Dollar Amount		
M	M	PO306	380	Quantity	R	1/15
				Numeric Value of Quantity		
M	M	PO307	355	Unit or Basis for Measurement Code	ID	2/2
				Unit or Basis for Measure Code		

PO4 Item Physical Details

PO4

Position: 900
Loop: PO1
Level: Detail
User Req: Optional
Max Use: >1
Notes: User Option (Usage):
Must use
Purpose:
To specify the physical qualities, packaging, weights, and dimensions relating to the item
Example Data:
PO4*1*12*EA
HDS Comments:
Contains the number of units inside the package. Example: 12 items in one case. Ordered unit of measure is equal to case.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
O	O	PO401	356	Pack	N0	1/6
O	O	PO402	357	Size	R	1/8
				Size of supplier units in pack		
O	O	PO403	355	Unit or Basis for Measurement Code	ID	2/2

REF Reference Information

Position: 1000
Loop: PO1
Level: Detail
User Req: Optional
Max Use: >1
Notes: User Option (Usage):
Used
Purpose:
To specify identifying information
Example Data:
REF*Q1*GPFSPQ30597
HDS Comments:
The Q1 code in the Detail section is used to represent the Quote number for one specific line item.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	REF01	128	Reference Identification Qualifier	ID	2/3
				Code qualifying the Reference Identification		
				Q1 Quote Number		
X	O	REF02	127	Reference Identification	AN	1/50
				Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

MTX Text

Position: 2890
Loop: PO1
Level: Detail
User Req: Optional
Max Use: >1
Notes: User Option (Usage):
Used
Purpose:
To specify textual data
Example Data:
MTX*INT*TENDER ONE WEEK PRIOR TO SHIP WINDOW
MTX*SCH*CY/CY 1X20
HDS Comments:
Ocean Shipping Container Information examples:
CFS/CY- Consolidated Freight station/Container Yard. This is when the factory delivers the PO to a consolidated facility and it is then loaded into a container with multiple Pos. It is then delivered to the port at origin and is ship to a carrier container yard in the US, where it is picked up by the trucking company as a full container and is delivered to our DC. It is consolidated with only HD Supply Pos.
CY/CY- Container yard/Container yard. This is a factory loaded full container that is delivered to the container yard at the origin port. It then is loaded on a vessel and sails to the US port, where it is picked up as a full container and delivered to our DC. This container consists of only one HD Supply vendor PO.
CFS/CFS-Consolidated Freight Station/Consolidated freight Station. This is when the factory delivers the PO to a consolidated facility and it is then loaded into a container with multiple Pos. It is then delivered to the port of origin and is shipped to a consolidation facility in the US where it is unloaded and divide up by PO. The PO quantity is then palletized and delivered to the DC. It is not a full container when delivered. NOTE: Potentially any purchase order received can contain notes. It is expected that your processes will allow you to read these potential notes and take action accordingly.

User Req	Req Des.	Ref. Des.	Data Element	Element Name		Data Type	Min/Max Len.
M	O	MTX01	363	Note Reference Code		ID	3/3
				Code identifying the functional area or purpose for which the note applies			
				INT	General Order Instructions		
				LAB	Labeling Instructions		
				PKG	Packaging Instructions		
				SCN	Ocean Shipping Container Information (Import Only)		
M	O	MTX02	1551	Textual Data		AN	1/4096
				To transmit large volumes of message text			

SPI Specification Identifier

SPI

Position: 2900
Loop: PO1
Level: Detail
User Req: Optional
Max Use: >1
Notes: User Option (Usage):
Used
Purpose:
To specify textual data
Example Data:
SPI*00*L9*286146*purple*color*

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
X	M	SPI01	786	Security Level Code Code indicating the level of confidentiality assigned by the sender to the information following 00 Company Non-Classified	ID	2/2
X	O	SPI02	128	Reference Identification Qualifier Code identifying the functional area or purpose for which the note applies L9 Customer's Part Number (HDS SKU)	ID	2/3
X	O	SPI03	127	Reference Identification Code identifying the functional area or purpose for which the note applies NOTE: this is HDS SKU same as PO109	AN	1/50
X	O	SPI04	790	Entity Title Characteristic Value Ex: Purple	AN	1/132
X	O	SPI05	791	Entity Purpose Characteristic Name Ex: Color	AN	1/80

CTT Transaction Totals

CTT

Position: 100
Loop: CTT
Level: Summary
User Req: Required
Max Use: 1
Notes: User Option (Usage):
Must use
Purpose:
To transmit a hash total for a specific element in the transaction set
Example Data:
CTT*1*3
CTT01 = Total count of all line items
CTT02 = Total count of quantity within all line items
HDS Comments:
This segment is intended to provide hash totals to validate transaction completeness and correctness

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	CTT01	354	Number of Line Items	N0	1/6
				Total number of line items in the transaction set		
M	O	CTT02	347	Hash Total	R	1/10
				Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. -------- 1855 Hash Total		

AMT Monetary Amount Information

AMT

Position: 200
Loop: CTT
Level: Summary
User Req: Required
Max Use: 1
Notes: User Option (Usage):
Must use
Purpose:
To indicate the total monetary amount
Example Data:
AMT*TT*633
HDS Comments:
When AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender without any discounts applied.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	AMT01	522	Amount Qualifier Code	ID	1/3
				Code to qualify amount		
				TT Total Transaction Amount (Without discounts)		
M	M	AMT02	782	Monetary Amount	R	1/18

SE Transaction Set Trailer

SE

Position: 300
Loop:
Level: Summary
User Req: Required
Max Use: 1
Notes: 1
User Option (Usage):
Must use
Purpose:
To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Example Data:
SE*32*00001 HDS Comments: 1. SE is the last segment of each transaction set.
HDS Comments:
1. SE is the last segment of each transaction set.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	N0	1/10
M	M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned	AN	4/9