

Changes 5/2011:
SCH11 – Schedule line identifier

Changes made to specs on 8/2010:

- Added the Payment Information to the N1 loop at the header – RI (Remit To)
- Note: BEG08 field – INR (Invoice Not Required) identifies No Invoice Required for ERS orders

Changes made to specs on 11/9/09

- Added qualifier DA to N1 segment at Header and line level

Changes Made to Specs on 11/26/08:

- Added qualifiers FW and 19 to N1 segment.

Changes Made to Specs on 2/27/08:

- SCH05 add 067, 002, 077 qualifiers
- SCH08 add 002, 077 qualifiers

Changes made to specs on 12/7/05:

- PER01 – code ‘ME’ added
- REF01 in Detail: code ‘ZZ’ added

850 Purchase Order

Functional Group ID=**PO**

Introduction:

This standard provides the format and establishes the data contents of a purchase order transaction set. The purchase order transaction set provides 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.

Heading:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
010	ST	Transaction Set Header	M	M	1		
020	BEG	Beginning Segment for Purchase Order	M	M	1		
040	CUR	Currency	O		1		
050	REF	Reference Numbers	O		12		
060	PER	Administrative Communications Contact	O		3		
070	TAX	Tax Reference	O		3		
080	FOB	F.O.B. Related Instructions	O		1		
110	CSH	Header Sale Condition	O		1		
130	ITD	Terms of Sale/Deferred Terms of Sale	O		5		
150	DTM	Date/Time/Period	O		10		
210	PWK	Paperwork	O		25		
240	TD5	Carrier Details (Routing Sequence/Transit Time)	O		12		
280	CTB	Restrictions/Conditions	O		5		
LOOP ID - N9						1000	
290	N9	Reference Number	O		1		
300	MSG	Message Text	O		1000		

		LOOP ID - N1	200
310	N1	Name	O 1
320	N2	Additional Name Information	O 1
330	N3	Address Information	O 1
340	N4	Geographic Location	O 1

Detail:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
		LOOP ID - PO1				100000	
010	PO1	Purchase Order Baseline Item Data	M	M	1		
		LOOP ID - PID				1000	
050	PID	Product/Item Description	O		1		
070	PWK	Paperwork	O		25		
090	PO4	Item Physical Details	O		1		
100	REF	Reference Numbers	O		12		
110	PER	Administrative Communications Contact	O		3		
130	ITA	Allowance, Charge or Service	O		10		
170	TAX	Tax Reference	O		3		
230	SCH	Line Item Schedule	O		200		n1
290	AMT	Monetary Amount	O		1		n2
		LOOP ID - SLN				1000	
300	SLN	Subline Item Detail	O		1		
310	PID	Product/Item Description	O		1000		
		LOOP ID - N9				1000	
330	N9	Reference Number	O		1		
340	MSG	Message Text	O		1000		
		LOOP ID - N1				200	
350	N1	Name	O		1		
360	N2	Additional Name Information	O		1		
370	N3	Address Information	O		1		
380	N4	Geographic Location	O		1		

Summary:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
010	CTT	Transaction Totals	M	M	1		n3
020	AMT	Monetary Amount	O		1		n4
030	SE	Transaction Set Trailer	M	M	1		

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes:
Comments: 1 The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set	M ID 3/3	M
ST02	329	Transaction Set Control Number Identifying control number assigned by the originator for a transaction set.	M AN 4/9	M

Segment: **BEG** Beginning Segment for Purchase Order
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
BEG01	353	Transaction Set Purpose Code Code identifying purpose of transaction set	M ID 2/2	M
		00 Original		
		01 Cancellation		
		06 Confirmation		
		15 Re-Submission		
BEG02	92	Purchase Order Type Code Code specifying the type of Purchase Order	M ID 2/2	M
		BE Blanket Order/Estimated Quantities (Not firm Commitment)		
		BK Blanket Order (Quantity Firm)		
		NE New Order		
		RL Release (Blanket Order) An order for goods and services placed against a pre-existing contract or blanket order		
		SA Stand-alone Order		
BEG03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22	M
BEG04	328	Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O AN 1/30	
BEG05	323	Purchase Order Date Date assigned by the purchaser to Purchase Order	M DT 6/6	M
BEG06	367	Contract Number Contract number	O AN 1/30	
BEG07	587	Acknowledgment Type Code specifying the type of acknowledgment	O ID 2/2	
		AE Acknowledge - With Exception Detail Only		
		NA No Acknowledgment Needed		
BEG08	1019	Invoice Type Code Code defining the method by which invoices are to be processed	O ID 3/3	

ERS Order & No Invoice Required When BEG08 = INR

Segment: CUR Currency

- Position:** 040
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:
- 1 If CUR08 is present, then CUR07 is required.
 - 2 If CUR09 is present, then CUR07 is required.
 - 3 If CUR11 is present, then CUR10 is required.
 - 4 If CUR12 is present, then CUR10 is required.
 - 5 If CUR14 is present, then CUR13 is required.
 - 6 If CUR15 is present, then CUR13 is required.
 - 7 If CUR17 is present, then CUR16 is required.
 - 8 If CUR18 is present, then CUR16 is required.
 - 9 If CUR20 is present, then CUR19 is required.
 - 10 If CUR21 is present, then CUR19 is required.

Semantic Notes:

- Comments:**
- 1 Monetary values are assumed to be expressed in the currency of the country of the transaction originator unless the optional CUR segment is used to specify a different currency. The CUR segment also permits the transaction originator to indicate a specific exchange rate, foreign exchange location and date/time as the basis for a currency conversion. Example 1. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the heading area of a transaction, would indicate that all monetary values appearing in the transaction are expressed in Canadian Dollars (CAD). (In this example the exchange rate is at the discretion of the receiver). CUR*BY*CAD* N/L Example 2. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the detail area of a transaction, describes a currency conversion for that particular item from U.S. dollars to Canadian dollars. It also indicates that a specific exchange rate, at a specified foreign exchange location on a given date/time be used as the basis for the currency conversion. Notes below the diagram describe the meaning of the element values.
CUR*BY*USD*1.20*SE*CAD*NY*007*840821*1400 N/L 1 2 3 4 1.
Identifies the buyer's (BY) currency as U.S. dollars (USD). 2. The multiplier (1.20) is the exchange rate factor for the conversion. 3. Identifies the seller's (SE) currency as Canadian dollars (CAD). 4. Indicates the basis for the exchange rate as the New York Foreign Exchange (NY) and the effective date/time (007) as August 21, 1984 (840821) at 2:00 P.M. (1400). The value for this item is to be converted to Canadian dollars (CAD) at the exchange rate of 1.20, based on the New York Foreign Exchange (NY) at 2:00 P.M. (1400) on August 21, 1984. The actual unit price conversion for the item would be: The unit price value 7.50 (U.S. dollars) multiplied by the exchange rate (1.20) equals 9.00 Canadian dollars (7.50 X 1.20 = 9.00)
CUR07 through CUR21 provide for five (5) dates/times relating to the currency conversion, i.e., effective date, expiration date, etc.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
CUR01	98	Entity Identifier Code	M ID 2/2	M
		Code identifying an organizational entity or a physical location.		
		20 Foreign Supplier		
		BT Party to be Billed For Other Than Freight(Bill To)		
		BY Buying Party (Purchaser)		
CUR02	100	Currency Code	M ID 3/3	M
		Code (Standard ISO) for country in whose currency the charges are specified		
CUR03	280	Exchange Rate	O R 4/6	

Value to be used as a multiplier conversion factor to convert monetary value from one currency to another

CUR04 **98** **Entity Identifier Code** **O** **ID 2/2**

Code identifying an organizational entity or a physical location.

SE Selling Party

CUR05 **100** **Currency Code** **O** **ID 3/3**

Code (Standard ISO) for country in whose currency the charges are specified

CUR06 **669** **Currency Market/Exchange Code** **O** **ID 3/3**

Code identifying the market upon which the currency exchange rate is based

NYC New York Foreign Exchange

CUR07 **374** **Date/Time Qualifier** **X** **ID 3/3**

Code specifying type of date or time, or both date and time

007 Effective

CUR08 **373** **Date** **O** **DT 6/6**

Date (YYMMDD)

Segment: **REF** Reference Numbers
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
REF01	128	Reference Number Qualifier Code qualifying the Reference Number. ME Message Address or ID PR Price Quote Number	M ID 2/2	M
REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	X AN 1/30	
REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80	

Segment: **PER** Administrative Communications Contact
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes: 1 If either PER03 or PER04 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named BD Buyer Name or Department EB Entered By SC Schedule Contact ME Buyer Email	M ID 2/2	M
PER02	93	Name Free-form name	O AN 1/35	
PER03	365	Communication Number Qualifier Code identifying the type of communication number EM Electronic Mail FX Facsimile IT International Telephone TE Telephone	X ID 2/2	
PER04	364	Communication Number Complete communications number including country or area code when applicable	X AN 7/25	

Segment: **TAX** Tax Reference
Position: 070
Loop:
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To provide data required for proper notification/determination of applicable taxes applying to the transaction or business described in the transaction

- Syntax Notes:**
- 1 At least one of TAX01 or TAX02 is required.
 - 2 If TAX02 is present, then TAX03 is required.
 - 3 If TAX04 is present, then TAX05 is required.
 - 4 If TAX06 is present, then TAX07 is required.
 - 5 If TAX08 is present, then TAX09 is required.
 - 6 If TAX10 is present, then TAX11 is required.

Semantic Notes:

- Comments:**
- 1 Tax ID number is, in many instances, referred to as a "Tax Exemption Number." The paired (combined) use of data elements 309 and 310 provides for the designation of five (5) taxing jurisdictions.
 - 2 TAX01 is required if tax exemption is being claimed.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
TAX01	325	Tax Identification Number Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number	X AN 1/20	
TAX02	309	Location Qualifier CI City SP State/Province	O ID 1 /2	
TAX03	310	Location Identifier	X AN 1/20	
TAX12	441	Tax Exempt Code Code identifying exemption status from sales and use tax 1 Yes (Tax Exempt) 2 No (Not Tax Exempt)	O ID 1/1	

Segment: **FOB** F.O.B. Related Instructions
Position: 080
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify transportation instructions relating to shipment
Syntax Notes:

- 1 If FOB03 is present, then FOB02 is required.
- 2 If FOB04 is present, then FOB05 is required.
- 3 If FOB07 is present, then FOB06 is required.
- 4 If FOB08 is present, then FOB09 is required.

Semantic Notes:
Comments:

- 1 FOB01 indicates which party will pay the carrier.
- 2 FOB02 is the code specifying transportation responsibility location.
- 3 FOB06 is the code specifying title passage location.
- 4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
FOB01	146	Shipment Method of Payment	M ID 2/2	M
		Code identifying payment terms for transportation charges		
		CC Collect		
		CD Collect on Delivery		
		CF Collect, Freight Credited Back to Customer		
		DF Defined by Buyer and Seller		
		PB Customer Pick-up/Backhaul		
		PC Prepaid but Charged to Customer		
		PP Prepaid (by Seller)		
		PU Pickup		
		RC Return Container Freight Paid by Customer		
		RS Return Container Freight Paid by Supplier		
FOB02	309	Location Qualifier	X ID 1/2	
		Code identifying type of location		
		CA Country of Origin		
		DE Destination (Shipping)		
		OR Origin (Shipping Point)		
		PE Port of Entry		
		Port where customs is declared		
		ZZ Mutually Defined		
FOB03	352	Description	O AN 1/80	
		A free-form description to clarify the related data elements and their content		

Segment: **CSH** Header Sale Condition
Position: 110
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify general conditions or requirements of the sale
Syntax Notes: 1 If CSH02 is present, then CSH03 is required.
 2 If either CSH06 or CSH07 is present, then the other is required.
Semantic Notes:
Comments: 1 CSH04 is the account number to which the purchase amount is to be charged.
 2 CSH06 identifies the source of the code value in CSH07.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
CSH01	563	Sales Requirement Code Code to identify a specific requirement or agreement of sale N No Back Order Y Back Order if Out of Stock	O ID 1/2	
CSH02	564	Do-Not-Exceed Action Code Code indicating the action to be taken if the order amount exceeds the value of Do-Not-Exceed Amount (565) 0 Cancel Balance of Order/Item that Exceeds Value Specified in Data Element 565 1 Cancel Entire Order/Item	O ID 1/1	
CSH03	565	Do-Not-Exceed Amount Maximum monetary amount value which the order must not exceed.	X N2 2/9	

Segment: **ITD** Terms of Sale/Deferred Terms of Sale
Position: 130
Loop:
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To specify terms of sale
Syntax Notes:

- 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
- 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
- 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantic Notes:
Comments:

- 1 If the code in ITD01 is 04, then ITD09 is required and either ITD10 or ITD11 is required. If the code in ITD01 equals 05, then ITD06 or ITD07 is required.
- 2 ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
ITD01	336	Terms Type Code Code identifying type of payment terms 01 Basic 02 End of Month (EOM) 03 Fixed Date 04 Deferred or Installment 09 Proximo 14 Previously agreed upon	O ID 2/2	
ITD02	333	Terms Basis Date Code Code identifying the beginning of the terms period 1 Ship Date 2 Delivery Date 3 Invoice Date 4 Specified Date	O ID 1/2	
ITD03	338	Terms Discount Percent Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	O R 1/6	
ITD05	351	Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned	X N0 1/3	
ITD07	386	Terms Net Days Number of days until total invoice amount is due (discount not applicable)	O N0 1/3	
ITD12	352	Description A free-form description to clarify the related data elements and their content	O AN 1/80	
ITD13	765	Day of Month The numeric value of the day of the month between 1 and the maximum day of the month being referenced	X N0 1/2	
ITD14	107	Payment Method Code Code identifying type of payment procedures C Pay By Check E Electronic Payment System L Letter of Credit	O ID 1/1	

Segment: **DTM** Date/Time/Period
Position: 150
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 or DTM03 is required.
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 002 Delivery Requested 007 Effective 036 Expiration Date coverage expires	M ID 3/3	M
DTM02	373	Date Date (YYMMDD)	X DT 6/6	
DTM05	624	Century The first two characters in the designation of the year (CCYY)	O N0 2/2	

Segment: **PWK** Paperwork
Position: 210
Loop:
Level: Heading
Usage: Optional
Max Use: 25
Purpose: To specify the type and transmission of paperwork relating to a product, order or report.
Syntax Notes: 1 If either PWK05 or PWK06 is present, then the other is required.
Semantic Notes:
Comments: 1 PWK05 and PWK06 may be used to identify the addressee by a code number.
2 PWK07 may be used to indicate special information to be shown on the specified report.
3 PWK08 may be used to indicate action pertaining to a report.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
PWK01	755	Report Type Code Code indicating the title and/or contents of a document or report. RO Regular Order	M ID 2/2	M
PWK02	756	Report Transmission Code Code defining timing, transmission method or format by which reports are to be sent EL Electronically Only	M ID 2/2	M
PWK05	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	X ID 1/2	
PWK06	67	Identification Code Code identifying a party. This element will contain "yes" or "no" depending on whether a response is required.	X AN 2/17	

Segment: **TD5** Carrier Details (Routing Sequence/Transit Time)
Position: 240
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:

- 1 At least one of TD502 TD504 or TD505 is required.
- 2 If TD502 is present, then TD503 is required.
- 3 If TD507 is present, then TD508 is required.
- 4 If TD510 is present, then TD511 is required.

Semantic Notes:
Comments:

- 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
TD501	133	Routing Sequence Code	O ID 1/2	
		Code describing the relationship of a carrier to a specific shipment movement		
		B Origin/Delivery Carrier (Any Mode)		
TD505	387	Routing	X AN 1/35	
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity		

Segment: **CTB** Restrictions/Conditions
Position: 280
Loop:
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To specify restrictions/conditions (such as shipping, ordering)
Syntax Notes:

- 1 At least one of CTB02 or CTB04 is required.
- 2 If either CTB03 or CTB04 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
CTB01	688	Restrictions/Conditions Qualifier Code identifying the type of restriction/condition OR Ordering	M ID 2/2	M
CTB02	352	Description A free-form description to clarify the related data elements and their content	C AN 1/80	
CTB03	673	Quantity Qualifier Code specifying the type of quantity 27 Committed Quantity	C ID 2/2	
CTB04	380	Quantity Numeric value of quantity	C R 1/15	

Segment: **N9** Reference Number
Position: 290
Loop: N9 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier
Syntax Notes: 1 At least one of N902 or N903 is required.
Semantic Notes:
Comments:

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N901	128	Reference Number Qualifier Code qualifying the Reference Number. 32 Account Number 39 Proposal Number CJ Clause Number CT Contract Number CU Clear Text Clause DF Defense Federal Acquisition Regulations (DFAR) DS Defense Priorities Allocation System (DPAS) Priority Rating P4 Project Code ZC Connecting Carrier ZZ Mutually Defined	M ID 2/2	M
N902	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	C AN 1/30	
N903	369	Free-form Description Free-form descriptive text	C AN 1/45	

Segment: **MSG** Message Text
Position: 300
Loop: N9 Optional
Level: Heading
Usage: Optional
Max Use: 1000
Purpose: To provide a free form format that would allow the transmission of text information.
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264	M
MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer	O ID 2/2	

Segment: **N1** Name
Position: 310
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N101	98	Entity Identifier Code Code identifying an organizational entity or a physical location. 19 Non- Production Supplier BT Party to be Billed For Other Than Freight(Bill To) BY Buying Party (Purchaser) DA Delivery Address FW Freight Forwarder IC Intermediate Consignee OB Ordered By PL Party to Receive Purchase Order RI Remit To SE Selling Party SO Sold To If Different >From Bill To ST Ship To	M ID 2/2	M
N102	93	Name Free-form name	X AN 1/35	
N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 1 Dun and Bradstreet (Credit Reporting) (DUNS) 92 Assigned by Buyer or Buyer's Agent	X ID 1/2	
N104	67	Identification Code Code identifying a party.	X AN 2/17	

N101 = RI (Remit To) is the Payment Information

Segment: **N2** Additional Name Information
Position: 320
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
N201	93	Name Free-form name	M AN 1/35	M
N202	93	Name Free-form name	O AN 1/35	

Segment: **N3** Address Information
Position: 330
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N301	166	Address Information Address information	M AN 1/35	M
N302	166	Address Information Address information	O AN 1/35	

Segment: **N4 Geographic Location**
Position: 340
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes:

- 1 At least one of N401 or N405 is required.
- 2 If either N405 or N406 is present, then the other is required.

Semantic Notes:
Comments:

- 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
- 2 N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N401	19	City Name Free-form text for city name	X AN 2/19	
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2	
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 4/9	
N404	26	Country Code Code identifying the country	O ID 2/2	

Segment: **PO1 Purchase Order Baseline Item Data**
Position: 010
Loop: PO1 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic and most frequently used purchase order line item data
Syntax Notes:

- 1 If PO105 is present, then PO104 is required.
- 2 If PO106 is present, then PO107 is required.
- 3 If PO108 is present, then PO109 is required.
- 4 If PO110 is present, then PO111 is required.
- 5 If PO112 is present, then PO113 is required.
- 6 If PO114 is present, then PO115 is required.
- 7 If PO116 is present, then PO117 is required.
- 8 If PO118 is present, then PO119 is required.
- 9 If PO120 is present, then PO121 is required.
- 10 If PO122 is present, then PO123 is required.
- 11 If PO124 is present, then PO125 is required.

Semantic Notes:
Comments:

- 1 See the Data Dictionary for a complete list of ID's.
- 2 PO101 is the line item identification.
- 3 PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
PO101	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/11	
PO102	330	Quantity Ordered Quantity ordered	M R 1/9	M
PO103	355	Unit or Basis for Measurement Code Code identifying the basic unit of measurement.	M ID 2/2	M
PO104	212	Unit Price Price per unit of product, service, commodity, etc.	X R 1/14	
PO106	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) BP Buyer's Part Number	O ID 2/2	
PO107	234	Product/Service ID Identifying number for a product or service	X AN 1/30	
PO108	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) DR Drawing Revision Number	O ID 2/2	
PO109	234	Product/Service ID Identifying number for a product or service	X AN 1/30	
PO110	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) VP Vendor's (Seller's) Part Number	O ID 2/2	
PO111	234	Product/Service ID Identifying number for a product or service	X AN 1/30	
PO112	235	Product/Service ID Qualifier	O ID 2/2	

		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		EC Engineering Change Level		
PO113	234	Product/Service ID	X	AN 1/30
		Identifying number for a product or service		
PO114	235	Product/Service ID Qualifier	O	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		CR Contract Number		
PO115	234	Product/Service ID	X	AN 1/30
		Identifying number for a product or service		
PO116	235	Product/Service ID Qualifier	O	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		VC Vendor's (Seller's) Catalog Number		
PO117	234	Product/Service ID	X	AN 1/30
		Identifying number for a product or service		
PO118	235	Product/Service ID Qualifier	O	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		PW Part Drawing		
PO119	234	Product/Service ID	X	AN 1/30
		Identifying number for a product or service		
PO120	235	Product/Service ID Qualifier	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		TP Product Type Code		
PO121	234	Product/Service ID	X	AN 1/30
		Identifying number for a product or service		
		KANBAN or REGULAR		

Segment: **PID** Product/Item Description
Position: 050
Loop: PID Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe a product or process in coded or free-form format
Syntax Notes: 1 If PID04 is present, then PID03 is required.
2 At least one of PID04 or PID05 is required.
Semantic Notes:
Comments: 1 If PID01 = ``F", then PID05 is used. If PID01 = ``S", then PID04 is used. If PID01 = ``X", then both PID04 and PID05 are used.
2 Use PID03 to indicate the organization that publishes the code list being referred to.
3 PID04 should be used for industry-specific product description codes.
4 Use PID06 when necessary to refer to the product surface or layer being described in the segment.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
PID01	349	Item Description Type Code indicating the format of a description F Free-form	M ID 1/1	M
PID02	750	Product/Process Characteristic Code Code specifying the product or process characteristic being described. 83 CID (Commercial Item Description) 84 Special Specification	O ID 2/3	
PID05	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80	

Segment: **PWK** Paperwork
Position: 070
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To specify the type and transmission of paperwork relating to a product, order or report.
Syntax Notes: 1 P0506 - If either PWK05 or PWK06 is present, then the other is required.

Semantic Notes:

- Comments:**
- 1 PWK05 and PWK06 may be used to identify the addressee by a code number.
 - 2 PWK07 may be used to indicate special information to be shown on the specified report.
 - 3 PWK08 may be used to indicate action pertaining to a report.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
PWK01	755	Report Type Code CO = Consignment Order RO = Regular Order	M ID 2/2	
PWK02	756	Report Trans. Code EL = Electronically only	M ID 2/2	

Segment: **PO4** Item Physical Details
Position: 090
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item
Syntax Notes:

- 1 If PO402 is present, then PO403 is required.
- 2 If PO405 is present, then at least one of PO406 or PO407 is required.
- 3 If PO408 is present, then PO409 is required.
- 4 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.

Semantic Notes:
Comments:

- 1 PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = OZ.
- 2 PO410 defines the unit of measure for PO408, PO409, and PO410.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
PO401	356	Pack	O N0 1/6	
		Number of inner pack units per outer pack unit		

Segment: **REF** Reference Numbers
Position: 100
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify identifying numbers.
Syntax Notes: 1 At least one of REF02 or REF03 is required.
Semantic Notes:
Comments:

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
REF01	128	Reference Number Qualifier Code qualifying the Reference Number. 32 Account Number CA Cost Allocation Reference DK Dock Number DS Defense Priorities Allocation System (DPAS) Priority Rating ME Message Address or ID PR Price Quote Number RQ Purchase Requisition No. BO Bin Location Number SP Scan Line ZZ Mutually Defined	M ID 2/2	M
REF02	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. If REF01 = CA or 32, use this code list for REF02. 1200 TORONTO 1800 ENGINES 2700 TORRANCE 3400 FLUID SYSTEMS 4100 CAS/EAS 4400 ALS SOUTH BEND	X AN 1/30	
REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80	

Segment: **PER Administrative Communications Contact**
Position: 110
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes: 1 If either PER03 or PER04 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
PER01	366	Contact Function Code	M ID 2/2	M
		Code identifying the major duty or responsibility of the person or group named		
		BD Buyer Name or Department		
		CW Confirmed With		
		EB Entered By		
		SC Schedule Contact		
		SU Supplier Contact		
PER02	93	Name	O AN 1/35	
		Free-form name		
PER03	365	Communication Number Qualifier	X ID 2/2	
		Code identifying the type of communication number		
		EM Electronic Mail		
		FX Facsimile		
		IT International Telephone		
		TE Telephone		
PER04	364	Communication Number	X AN 7/25	
		Complete communications number including country or area code when applicable		

Segment: **ITA** Allowance, Charge or Service
Position: 130
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: 10
Purpose: To specify allowances, charges, or services
Syntax Notes:

- 1 If ITA02 is present, then at least one of ITA03 ITA13 or ITA14 is required.
- 2 If ITA08 is present, then ITA09 is required.
- 3 If ITA10 is present, then ITA11 is required.

Semantic Notes:
Comments:

- 1 If ITA01 = A-Allowance or C-Charge, then at least one of ITA06, ITA07, or ITA08 must be present.
- 2 ITA02 identifies the source of the code value in ITA03 or ITA15.
- 3 If ITA07 is present with either ITA06 or ITA08, then ITA07 takes precedence.
- 4 ITA12 is the quantity of free goods.
- 5 ITA13 is used to clarify the allowance, charge, or service.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
ITA01	248	Allowance or Charge Indicator Code which indicates an allowance or charge for the service specified A Allowance C Charge N No Allowance or Charge	M ID 1/1	M
ITA04	331	Allowance or Charge Method of Handling Code Code indicating method of handling for an allowance or charge 05 Charge to be Paid by Vendor 06 Charge to be Paid by Customer	M ID 2/2	M
ITA06	359	Allowance or Charge Rate Allowance or Charge Rate per Unit	O R 1/9	
ITA07	360	Allowance or Charge Total Amount Total dollar amount for the allowance or charge	O N2 1/9	
ITA10	339	Allowance or Charge Quantity Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity	O R 1/10	
ITA11	355	Unit or Basis for Measurement Code Code identifying the basic unit of measurement.	X ID 2/2	
ITA12	380	Quantity Numeric value of quantity	O R 1/15	
ITA13	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80	

Segment: **TAX** Tax Reference
Position: 170
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To provide data required for proper notification/determination of applicable taxes applying to the transaction or business described in the transaction

- Syntax Notes:**
- 1 At least one of TAX01 or TAX02 is required.
 - 2 If TAX02 is present, then TAX03 is required.
 - 3 If TAX04 is present, then TAX05 is required.
 - 4 If TAX06 is present, then TAX07 is required.
 - 5 If TAX08 is present, then TAX09 is required.
 - 6 If TAX10 is present, then TAX11 is required.

Semantic Notes:

- Comments:**
- 1 Tax ID number is, in many instances, referred to as a "Tax Exemption Number." The paired (combined) use of data elements 309 and 310 provides for the designation of five (5) taxing jurisdictions.
 - 2 TAX01 is required if tax exemption is being claimed.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
TAX01	325	Tax Identification Number	X AN 1/20	
		Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number		
TAX12	441	Tax Exempt Code	O ID 1/1	
		Code identifying exemption status from sales and use tax		
		1	Yes (Tax Exempt)	
		2	No (Not Tax Exempt)	

Segment: **SCH** Line Item Schedule
Position: 230
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: 200
Purpose: To specify the data for scheduling a specific line-item
Syntax Notes: 1 If SCH03 is present, then SCH04 is required.
 2 If SCH09 is present, then SCH08 is required.
Semantic Notes:
Comments: 1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
SCH01	380	Quantity Numeric value of quantity	M R 1/15	M
SCH02	355	Unit or Basis for Measurement Code Code identifying the basic unit of measurement.	M ID 2/2	M
SCH05	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 067 Current Delivery Schedule 077 Requested for Delivery (week of) 002 Delivery Requested	M ID 3/3	M
SCH06	373	Date Date (YYMMDD)	M DT 6/6	M
SCH08	374	Date/Time Qualifier Code specifying type of date or time 002 Delivery Requested 077 Requested for Delivery (week of)	X ID 3/3	
SCH09	373	Date Date (YYMMDD)	O DT 6/6	
SCH11	326	Request Reference Number	O AN 1/45	

SCH11 – Schedule line identifier for VAN suppliers

Segment: AMT Monetary Amount

Position: 290
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
AMT01	522	Amount Qualifier Code Code to qualify amount	M ID 1/2	M
		1 Line Item Total		
		14 Legal Obligation Debt Amount		
		NP Net to Pay Total		
AMT02	782	Monetary Amount Monetary amount	M R 1/15	M

Segment: **SLN** Subline Item Detail
Position: 300
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify product subline detail item data
Syntax Notes:

- 1 If SLN07 is present, then SLN06 is required.
- 2 If SLN08 is present, then SLN06 is required.
- 3 If SLN09 is present, then SLN10 is required.
- 4 If SLN11 is present, then SLN12 is required.
- 5 If SLN13 is present, then SLN14 is required.
- 6 If SLN15 is present, then SLN16 is required.
- 7 If SLN17 is present, then SLN18 is required.
- 8 If SLN19 is present, then SLN20 is required.
- 9 If SLN21 is present, then SLN22 is required.
- 10 If SLN23 is present, then SLN24 is required.
- 11 If SLN25 is present, then SLN26 is required.
- 12 If SLN27 is present, then SLN28 is required.

Semantic Notes:

Comments:

- 1 See the Data Dictionary for a complete list of ID's.
- 2 SLN01 is the identifying number for the subline item. It is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
- 3 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
- 4 SLN09 through SLN28 provide for ten (10) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
SLN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	M AN 1/11	M
SLN02	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/11	
SLN03	661	Configuration Code Code indicating the relationship of the subline item to the baseline item.	M ID 1/1	M
SLN04	380	Quantity Numeric value of quantity	M R 1/15	M
SLN05	355	Unit or Basis for Measurement Code Code identifying the basic unit of measurement.	M ID 2/2	M
SLN06	212	Unit Price Price per unit of product, service, commodity, etc.	X R 1/14	
SLN08	662	Subline Price Change Code ID Code indicating the relationship of the subline item unit price to the baseline item unit price.	O ID 1/1	
SLN09	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) BP Buyer's Part Number	O ID 2/2	
SLN10	234	Product/Service ID Identifying number for a product or service	X AN 1/30	
SLN11	235	Product/Service ID Qualifier	O ID 2/2	

		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		DR Drawing Revision Number		
SLN12	234	Product/Service ID	X	AN 1/30
		Identifying number for a product or service		
SLN13	235	Product/Service ID Qualifier	O	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		VP Vendor's (Seller's) Part Number		
SLN14	234	Product/Service ID	X	AN 1/30
		Identifying number for a product or service		
SLN15	235	Product/Service ID Qualifier	O	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		EC Engineering Change Level		
SLN16	234	Product/Service ID	X	AN 1/30
		Identifying number for a product or service		
SLN17	235	Product/Service ID Qualifier	O	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		CR Contract Number		
SLN18	234	Product/Service ID	X	AN 1/30
		Identifying number for a product or service		

Segment: **PID** Product/Item Description
Position: 310
Loop: SLN Optional
Level: Detail
Usage: Optional
Max Use: 1000
Purpose: To describe a product or process in coded or free-form format
Syntax Notes:

- 1 If PID04 is present, then PID03 is required.
- 2 At least one of PID04 or PID05 is required.

Semantic Notes:
Comments:

- 1 If PID01 = ``F", then PID05 is used. If PID01 = ``S", then PID04 is used. If PID01 = ``X", then both PID04 and PID05 are used.
- 2 Use PID03 to indicate the organization that publishes the code list being referred to.
- 3 PID04 should be used for industry-specific product description codes.
- 4 Use PID06 when necessary to refer to the product surface or layer being described in the segment.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
PID01	349	Item Description Type Code indicating the format of a description	M ID 1/1	M
PID05	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80	

Segment: **N9** Reference Number
Position: 330
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit identifying numbers and descriptive information as specified by the reference number qualifier
Syntax Notes: 1 At least one of N902 or N903 is required.
Semantic Notes:
Comments:

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N901	128	Reference Number Qualifier Code qualifying the Reference Number.	M ID 2/2	M
		32 Account Number		
		C1 Customer material specification number		
		C2 Customer process specification number		
		C3 Customer specification number		
		CA Cost Allocation Reference		
		CI Unique Consignment Identifier		
		CJ Clause Number		
		CU Clear Text Clause		
		DF Defense Federal Acquisition Regulations (DFAR)		
		DO Delivery Order Number		
		DS Defense Priorities Allocation System (DPAS) Priority Rating		
		LT Lot Number		
		M1 Material Storage Location		
		MF Manufacturers Part Number		
		MS Manufacturer's Material Safety Data Sheet Number		
		MU Military Specification (MILSPEC) Number		
		NN Nonconformance Report Number		
		P4 Project Code		
		P7 Product Line Number		
		QY Service Performed Code		
		Number indicating the type of service performed to repair a product		
		R1 Current Revision Number		
		RE Release Number		
		S1 Engineering Specification Number		
		S3 Specification Number		
		SF Ship From		
		WS Warehouse storage location number		
		ZZ Mutually Defined		
N902	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	C AN 1/30	
N903	369	Free-form Description Free-form descriptive text	C AN 1/45	

Segment: **MSG** Message Text
Position: 340
Loop: N9 Optional
Level: Detail
Usage: Optional
Max Use: 1000
Purpose: To provide a free form format that would allow the transmission of text information.
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264	M
MSG02	934	Printer Carriage Control Code A field to be used for the control of the line feed of the receiving printer	O ID 2/2	

Segment: **N1** Name
Position: 350
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
2 If either N103 or N104 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N101	98	Entity Identifier Code Code identifying an organizational entity or a physical location. DA Delivery Address SF Ship From ST Ship To	M ID 2/2	M
N102	93	Name Free-form name	X AN 1/35	
N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 1 Dun and Bradstreet (Credit Reporting) (DUNS)	X ID 1/2	
N104	67	Identification Code Code identifying a party.	X AN 2/17	

Segment: N2 Additional Name Information
Position: 360
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	<u>Attributes</u>
N201	93	Name Free-form name	M AN 1/35	M
N202	93	Name Free-form name	O AN 1/35	

Segment: **N3** Address Information
Position: 370
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N301	166	Address Information Address information	M AN 1/35	M
N302	166	Address Information Address information	O AN 1/35	

Segment: **N4 Geographic Location**
Position: 380
Loop: N1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes:

- 1 At least one of N401 or N405 is required.
- 2 If either N405 or N406 is present, then the other is required.

Semantic Notes:
Comments:

- 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
- 2 N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N401	19	City Name Free-form text for city name	X AN 2/19	
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2	
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 4/9	
N404	26	Country Code Code identifying the country	O ID 2/2	

Segment: **CTT** Transaction Totals
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes:

- 1 If CTT03 is present, then CTT04 is required.
- 2 If CTT05 is present, then CTT06 is required.

Semantic Notes:
Comments:

- 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
CTT01	354	Number of Line Items Total number of line items in the transaction set	M N0 1/6	M

Segment: **AMT** Monetary Amount
Position: 020
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
AMT01	522	Amount Qualifier Code Code to qualify amount TT Total Transaction Amount	M ID 1/2	M
AMT02	782	Monetary Amount Monetary amount	M R 1/15	M

Segment: **SE** Transaction Set Trailer
Position: 030
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
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).

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
SE01	96	Number of Included Segments	M N0 1/6	M
		Total number of segments included in a transaction set including ST and SE segments		
SE02	329	Transaction Set Control Number	M AN 4/9	M
		Identifying control number assigned by the originator for a transaction set.		