



**Health Industry Business Communications Council -  
eBusiness Committee**



# 850 Purchase Order

Functional Group ID=**PO**

**Introduction:**

This Draft Standard for Trial Use 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.

**Heading:**

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	010	ST	Transaction Set Header	M	1		
M	020	BEG	Beginning Segment for Purchase Order	M	1		
Not Used	040	CUR	Currency	O	1		
	050	REF	Reference Identification	O	>1		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	>1		
	080	FOB	F.O.B. Related Instructions	O	>1		
Not Used	090	CTP	Pricing Information	O	>1		
Not Used	095	PAM	Period Amount	O	10		
	110	CSH	Sales Requirements	O	5		
Not Used	115	TC2	Commodity	O	>1		
<b>LOOP ID - SAC</b>						<b>25</b>	
Not Used	120	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	125	CUR	Currency	O	1		
Not Used	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
Not Used	140	DIS	Discount Detail	O	20		
Not Used	145	INC	Installment Information	O	1		
	150	DTM	Date/Time Reference	O	10		
Not Used	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
Not Used	185	SI	Service Characteristic Identification	O	>1		
Not Used	190	PID	Product/Item Description	O	200		
Not Used	200	MEA	Measurements	O	40		
Not Used	210	PWK	Paperwork	O	25		

Not Used	220	PKG	Marking, Packaging, Loading	O	200
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	250	TD3	Carrier Details (Equipment)	O	12
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	270	MAN	Marks and Numbers	O	10
Not Used	276	PCT	Percent Amounts	O	>1
Not Used	280	CTB	Restrictions/Conditions	O	5
Not Used	285	TXI	Tax Information	O	>1
<b>LOOP ID - AMT</b>					<b>&gt;1</b>
Not Used	287	AMT	Monetary Amount	O	1
Not Used	289	REF	Reference Identification	O	>1
Not Used	290	DTM	Date/Time Reference	O	1
Not Used	292	PCT	Percent Amounts	O	>1
<b>LOOP ID - FA1</b>					<b>&gt;1</b>
Not Used	293	FA1	Type of Financial Accounting Data	O	1
Not Used	294	FA2	Accounting Data	M	>1
<b>LOOP ID - N9</b>					<b>1000</b>
	295	N9	Reference Identification	O	1
	297	DTM	Date/Time Reference	O	>1
Not Rec	300	MSG	Message Text	O	1000
<b>LOOP ID - N1</b>					<b>200</b>
	310	N1	Name	O	1
Not Rec	320	N2	Additional Name Information	O	2
Not Rec	330	N3	Address Information	O	2
Not Rec	340	N4	Geographic Location	O	>1
Not Used	345	NX2	Location ID Component	O	>1
	350	REF	Reference Identification	O	12
Not Rec	360	PER	Administrative Communications Contact	O	>1
Not Used	365	SI	Service Characteristic Identification	O	>1
	370	FOB	F.O.B. Related Instructions	O	1
Not Used	380	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	400	TD3	Carrier Details (Equipment)	O	12
Not Used	410	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	420	PKG	Marking, Packaging, Loading	O	200
<b>LOOP ID - LM</b>					<b>&gt;1</b>
Not Used	430	LM	Code Source Information	O	1
Not Used	440	LQ	Industry Code	M	>1
<b>LOOP ID - SPI</b>					<b>&gt;1</b>
Not Used	450	SPI	Specification Identifier	O	1
Not Used	460	REF	Reference Identification	O	5
Not Used	470	DTM	Date/Time Reference	O	5
Not Used	480	MSG	Message Text	O	50
<b>LOOP ID - N1</b>					<b>20</b>
Not Used	490	N1	Name	O	1
Not Used	500	N2	Additional Name Information	O	2
Not Used	510	N3	Address Information	O	2

Not Used	520	N4	Geographic Location	O	1
Not Used	530	REF	Reference Identification	O	20
Not Used	540	G61	Contact	O	1
Not Used	550	MSG	Message Text	O	50
<b>LOOP ID - CB1</b>					<b>&gt;1</b>
Not Used	560	CB1	Contract and Cost Accounting Standards Data	O	1
Not Used	570	REF	Reference Identification	O	20
Not Used	580	DTM	Date/Time Reference	O	5
Not Used	590	LDT	Lead Time	O	1
Not Used	600	MSG	Message Text	O	50
<b>LOOP ID - ADV</b>					<b>&gt;1</b>
Not Used	610	ADV	Advertising Demographic Information	O	1
Not Used	620	DTM	Date/Time Reference	O	>1
Not Used	630	MTX	Text	O	>1

### Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			<b>LOOP ID - PO1</b>			<b>100000</b>	
M	010	PO1	Baseline Item Data	M	1		n2
Not Used	015	LIN	Item Identification	O	>1		
Not Used	018	SI	Service Characteristic Identification	O	>1		
Not Used	020	CUR	Currency	O	1		
Not Used	025	CN1	Contract Information	O	1		
Not Used	030	PO3	Additional Item Detail	O	25		
<b>LOOP ID - CTP</b>						<b>&gt;1</b>	
Not Used	040	CTP	Pricing Information	O	1		
Not Used	043	CUR	Currency	O	1		
Not Used	045	PAM	Period Amount	O	10		
Not Used	049	MEA	Measurements	O	40		
<b>LOOP ID - PID</b>						<b>1000</b>	
Not Rec	050	PID	Product/Item Description	O	1		
Not Used	060	MEA	Measurements	O	10		
Not Used	070	PWK	Paperwork	O	25		
Not Used	090	PO4	Item Physical Details	O	>1		
Not Used	100	REF	Reference Identification	O	>1		
Not Used	110	PER	Administrative Communications Contact	O	3		
<b>LOOP ID - SAC</b>						<b>25</b>	
Not Used	130	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	135	CUR	Currency	O	1		
Not Used	137	CTP	Pricing Information	O	1		
Not Used	140	IT8	Conditions of Sale	O	1		
Not Used	142	CSH	Sales Requirements	O	>1		
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
Not Used	160	DIS	Discount Detail	O	20		
Not Used	165	INC	Installment Information	O	1		
Not Used	170	TAX	Tax Reference	O	>1		
Not Used	180	FOB	F.O.B. Related Instructions	O	>1		
	190	SDQ	Destination Quantity	O	500		

Not Used	200	IT3	Additional Item Data	O	5
Not Used	210	DTM	Date/Time Reference	O	10
Not Used	235	TC2	Commodity	O	>1
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1
Not Used	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	260	TD3	Carrier Details (Equipment)	O	12
Not Used	270	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	276	PCT	Percent Amounts	O	>1
Not Used	280	MAN	Marks and Numbers	O	10
Not Used	289	MSG	Message Text	O	>1
Not Used	290	SPI	Specification Identifier	O	>1
Not Used	291	TXI	Tax Information	O	>1
Not Used	292	CTB	Restrictions/Conditions	O	>1
<b>LOOP ID - QTY</b>					<b>&gt;1</b>
Not Used	293	QTY	Quantity	O	1
Not Used	294	SI	Service Characteristic Identification	O	>1
<b>LOOP ID - SCH</b>					<b>200</b>
Not Used	295	SCH	Line Item Schedule	O	1 n3
Not Used	296	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	297	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	298	TD3	Carrier Details (Equipment)	O	12
Not Used	299	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	300	REF	Reference Identification	O	>1
<b>LOOP ID - PKG</b>					<b>200</b>
Not Used	305	PKG	Marking, Packaging, Loading	O	1
Not Used	310	MEA	Measurements	O	>1
Not Used	320	LS	Loop Header	O	1
<b>LOOP ID - LDT</b>					<b>&gt;1</b>
Not Used	321	LDT	Lead Time	O	1
Not Used	322	QTY	Quantity	O	>1
Not Used	323	MSG	Message Text	O	1
Not Used	324	REF	Reference Identification	O	3
<b>LOOP ID - LM</b>					<b>&gt;1</b>
Not Used	325	LM	Code Source Information	O	1
Not Used	326	LQ	Industry Code	M	>1
Not Used	327	LE	Loop Trailer	O	1
<b>LOOP ID - N9</b>					<b>1000</b>
	330	N9	Reference Identification	O	1
	332	DTM	Date/Time Reference	O	>1
Not Used	335	MEA	Measurements	O	40
Not Rec	340	MSG	Message Text	O	1000
<b>LOOP ID - N1</b>					<b>200</b>
	350	N1	Name	O	1
Not Used	360	N2	Additional Name Information	O	2
Not Used	370	N3	Address Information	O	2
Not Used	380	N4	Geographic Location	O	1
Not Used	383	QTY	Quantity	O	>1
Not Used	385	NX2	Location ID Component	O	>1

Not Used	390	REF	Reference Identification	O	12
Not Used	400	PER	Administrative Communications Contact	O	3
Not Used	405	SI	Service Characteristic Identification	O	>1
Not Used	406	DTM	Date/Time Reference	O	1
Not Used	410	FOB	F.O.B. Related Instructions	O	1
Not Used	415	SCH	Line Item Schedule	O	200
Not Used	420	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	430	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	440	TD3	Carrier Details (Equipment)	O	12
Not Used	450	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	460	PKG	Marking, Packaging, Loading	O	200
<b>LOOP ID - LDT</b>					<b>&gt;1</b>
Not Used	462	LDT	Lead Time	O	1
Not Used	464	MAN	Marks and Numbers	O	10
Not Used	466	QTY	Quantity	O	5
Not Used	468	MSG	Message Text	O	1
Not Used	469	REF	Reference Identification	O	3
<b>LOOP ID - SLN</b>					<b>1000</b>
Not Used	470	SLN	Subline Item Detail	O	1
Not Used	475	MSG	Message Text	O	>1
Not Used	480	SI	Service Characteristic Identification	O	>1
Not Used	490	PID	Product/Item Description	O	1000
Not Used	500	PO3	Additional Item Detail	O	104
Not Used	505	TC2	Commodity	O	>1
Not Used	513	ADV	Advertising Demographic Information	O	>1
Not Used	515	DTM	Date/Time Reference	O	10
Not Used	516	CTP	Pricing Information	O	25
Not Used	517	PAM	Period Amount	O	10
Not Used	518	PO4	Item Physical Details	O	1
Not Used	519	TAX	Tax Reference	O	3
<b>LOOP ID - N9</b>					<b>&gt;1</b>
Not Used	523	N9	Reference Identification	O	1
Not Used	524	DTM	Date/Time Reference	O	>1
Not Used	525	MSG	Message Text	O	>1
<b>LOOP ID - SAC</b>					<b>25</b>
Not Used	526	SAC	Service, Promotion, Allowance, or Charge Information	O	1
Not Used	527	CUR	Currency	O	1
Not Used	528	CTP	Pricing Information	O	1
<b>LOOP ID - QTY</b>					<b>&gt;1</b>
Not Used	529	QTY	Quantity	O	1
Not Used	530	SI	Service Characteristic Identification	O	>1
<b>LOOP ID - N1</b>					<b>10</b>
Not Used	535	N1	Name	O	1
Not Used	540	N2	Additional Name Information	O	2
Not Used	550	N3	Address Information	O	2
Not Used	560	N4	Geographic Location	O	1
Not Used	570	NX2	Location ID Component	O	>1
Not Used	580	REF	Reference Identification	O	12
Not Used	590	PER	Administrative Communications Contact	O	3

Not Used	595	SI	Service Characteristic Identification	O	>1	
			LOOP ID - AMT		>1	
Not Used	600	AMT	Monetary Amount	O	1	
Not Used	610	REF	Reference Identification	O	1	
Not Used	612	PCT	Percent Amounts	O	>1	
			LOOP ID - LM		>1	
Not Used	620	LM	Code Source Information	O	1	
Not Used	630	LQ	Industry Code	M	>1	

### Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - CTT			1	
	010	CTT	Transaction Totals	O	1		n4
Not Used	020	AMT	Monetary Amount	O	1		n5
M	030	SE	Transaction Set Trailer	M	1		

### Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. PO102 is required.
3. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
4. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
5. If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

**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:** 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).  
**Comments:**

**Data Element Summary**

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

**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:** 1 BEG05 is the date assigned by the purchaser to purchase order.  
**Comments:**

#### Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BEG01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 00 Original	M ID 2/2
M	BEG02	92	<b>Purchase Order Type Code</b> Code specifying the type of Purchase Order BK Blanket Order (Quantity Firm) DS Dropship NE New Order RL Release or Delivery Order An order for goods and services placed against a pre-existing contract or blanket order RO Rush Order SA Stand-alone Order SS Supply or Service Order ST Standing Order	M ID 2/2
M	BEG03	324	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22
	BEG04	328	<b>Release Number</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O AN 1/30
M	BEG05	373	<b>Date</b> Date expressed as CCYYMMDD	M DT 8/8
	BEG06	367	<b>Contract Number</b> Contract number	O AN 1/30



**Segment:** **REF** Reference Identification  
**Position:** 050  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification BD Bid Number BK Broker's Order Number BL Government Bill of Lading BT Batch Number CA Cost Allocation Reference CO Customer Order Number CR Customer Reference Number CT Contract Number DH Drug Enforcement Administration Number DP Department Number EJ Patient Account Number A unique number assigned to each patient by the provider of service to facilitate retrieval of individual case records tracking of claims submitted to a payer and posting of payment PD Promotion/Deal Number PR Price Quote Number RE Release Number RQ Purchase Requisition Number SA Salesperson SR Sales Responsibility ST Store Number TX Tax Exempt Number VC Vendor Contract Number	M ID 2/3
	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Rec	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80

**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:**

- 1 FOB01 indicates which party will pay the carrier.
- 2 FOB02 is the code specifying transportation responsibility location.
- 3 FOB06 is the code specifying the 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.

**Comments:**

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	FOB01	146	<b>Shipment Method of Payment</b> Code identifying payment terms for transportation charges CC Collect FO FOB Port of Call MX Mixed NC Service Freight, No Charge PB Customer Pick-up/Backhaul PC Prepaid but Charged to Customer PP Prepaid (by Seller) PU Pickup	M ID 2/2
Not Rec	FOB03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	O AN 1/80
Not Rec	FOB07	352	<b>Description</b> A free-form description to clarify the related data elements and their content	O AN 1/80
Not Rec	FOB09	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80

**Segment:** **CSH** Sales Requirements  
**Position:** 110  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 5  
**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.
- 3 If either CSH09 or CSH10 is present, then the other is required.

**Semantic Notes:**

- 1 CSH03 is the maximum monetary amount value which the order must not exceed.
- 2 CSH04 is the account number to which the purchase amount is charged.
- 3 CSH05 is the date specified by the sender to be shown on the invoice.
- 4 CSH06 identifies the source of the code value in CSH07.

**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
CSH01	563	<b>Sales Requirement Code</b>	<b>O ID 1/2</b>
		Code to identify a specific requirement or agreement of sale	
		N No Back Order	
		Y Back Order if Out of Stock	
CSH06	559	<b>Agency Qualifier Code</b>	<b>X ID 2/2</b>
		Code identifying the agency assigning the code values	
		AX ANSI Accredited Standards Committee, X12	
CSH07	560	<b>Special Services Code</b>	<b>X ID 2/10</b>
		Code identifying the special service	
		D1 One - Day Service	
		D2 Two - Day Service	

**Segment:** **DTM** **Date/Time Reference**  
**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 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 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>Attributes</u>
M	DTM01	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time 001 Cancel After 002 Delivery Requested 010 Requested Ship 015 Promotion Start 016 Promotion End 037 Ship Not Before 038 Ship No Later 055 Confirmed 061 Cancel if Not Delivered by 063 Do Not Deliver After 064 Do Not Deliver Before	M ID 3/3
	DTM02	373	<b>Date</b> Date expressed as CCYYMMDD	X DT 8/8

**Segment:** N9 Reference Identification  
**Position:** 295  
**Loop:** N9 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier  
**Syntax Notes:**

- 1 At least one of N902 or N903 is required.
- 2 If N906 is present, then N905 is required.
- 3 If either C04003 or C04004 is present, then the other is required.
- 4 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 N906 reflects the time zone which the time reflects.
- 2 N907 contains data relating to the value cited in N902.

**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification E4 Charge Card Number L1 Letters or Notes PSM Credit Card	M ID 2/3
	N902	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Credit or Charge Card Number if code value in N901 is E4 or PSM.	X AN 1/30
	N903	369	<b>Free-form Description</b> Free-form descriptive text Credit or Charge Card Name i.e. Visa, Master Card, American Express.	X AN 1/45
	N907	C040	<b>Reference Identifier</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
M	C04001	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 0F Subscriber Number BV Purchase Order Line Item Identifier (Buyer) C3 Customer specification number CR Customer Reference Number IL Internal Order Number	M ID 2/3
M	C04002	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
	C04003	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	X ID 2/3
	C04004	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

**Segment:** **DTM** Date/Time Reference  
**Position:** 297  
**Loop:** N9 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	DTM01	374	<b>Date/Time Qualifier</b>	M ID 3/3
			Code specifying type of date or time, or both date and time	
			036 Expiration	
			Date coverage expires	
	DTM05	1250	<b>Date Time Period Format Qualifier</b>	X ID 2/3
			Code indicating the date format, time format, or date and time format	
			TQ Date Expressed in Format MMY	
	DTM06	1251	<b>Date Time Period</b>	X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	
			Credit or Charge Card Expiration Date in MMY.	

**Segment:** **MSG** Message Text  
**Position:** 300  
**Loop:** N9 Optional  
**Level:** Heading  
**Usage:** Optional (Not Recommended)  
**Max Use:** 1000  
**Purpose:** To provide a free-form format that allows the transmission of text information  
**Syntax Notes:** 1 If MSG03 is present, then MSG02 is required.  
**Semantic Notes:** 1 MSG03 is the number of lines to advance before printing.  
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.  
2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.  
**Notes:** Not Recommended by HIBCC.

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264

**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.  
 2 N105 and N106 further define the type of entity in N101.

### Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		72 Operating Physician Doctor who performs a surgical procedure	
		BG Buying Group	
		BS Bill and Ship To	
		BT Bill-to-Party	
		BY Buying Party (Purchaser)	
		CN Consignee	
		DB Distributor Branch	
		DS Distributor	
		EN End User	
		FP Name on Credit Card	
		MA Party for whom Item is Ultimately Intended	
		MF Manufacturer of Goods	
		QC Patient Individual receiving medical care	
		SE Selling Party	
		SF Ship From	
		SN Store	
		SO Sold To If Different From Bill To	
		ST Ship To	
		VN Vendor	
		WH Warehouse	
	N102	93 Name	X AN 1/60
		Free-form name	
	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		1 D-U-N-S Number, Dun & Bradstreet	
		2 Standard Carrier Alpha Code (SCAC)	
		8 UCC/EAN Global Product Identification Prefix The first part of a UCC/EAN Product Identification Code within the Uniform Code Council (UCC) and	



International Article Number Association (EAN) numbering system; A globally unique 3 to 10 digit code for the identification of the company assigning the remainder of the ID code, such as U.P.C., EAN-13, SCC-14, EAN-14 or SSCC-18

9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix

10 Department of Defense Activity Address Code (DODAAC)

11 Drug Enforcement Administration (DEA)

21 Health Industry Number (HIN)

91 Assigned by Seller or Seller's Agent

92 Assigned by Buyer or Buyer's Agent

LI Labeler Identification Code (LIC)

**N104 67 Identification Code X AN 2/80**  
Code identifying a party or other code

**Segment:** N2 Additional Name Information  
**Position:** 320  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional (Not Recommended)  
**Max Use:** 2  
**Purpose:** To specify additional names or those longer than 35 characters in length  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>		<b>Attributes</b>
	<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	
M	N201	93	<b>Name</b> Free-form name	M AN 1/60
	N202	93	<b>Name</b> Free-form name	O AN 1/60

**Segment:** N3 Address Information  
**Position:** 330  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional (Not Recommended)  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<b>Ref. Des.</b>	<b>Data Element</b>	<b>Name</b>	<b>Attributes</b>
M	N301	166	<b>Address Information</b> Address information	M AN 1/55
	N302	166	<b>Address Information</b> Address information	O AN 1/55

**Segment:** **N4 Geographic Location**  
**Position:** 340  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional (Not Recommended)  
**Max Use:** >1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 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 U.S. or Canada.

**Data Element Summary**

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

**Segment:** **REF** Reference Identification  
**Position:** 350  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification BD Bid Number BK Broker's Order Number BT Batch Number CA Cost Allocation Reference CR Customer Reference Number CT Contract Number DP Department Number PD Promotion/Deal Number PR Price Quote Number RE Release Number RQ Purchase Requisition Number ST Store Number TX Tax Exempt Number VC Vendor Contract Number	M ID 2/3
	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Rec	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80

**Segment:** **PER Administrative Communications Contact**  
**Position:** 360  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional (Not Recommended)  
**Max Use:** >1  
**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.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	PER01	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named AD Accounting Department BD Buyer Name or Department IC Information Contact NT Notification Contact SR Sales Representative or Department	M ID 2/2
	PER02	93	<b>Name</b> Free-form name	O AN 1/60
	PER03	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile IT International Telephone TE Telephone TL Telex TM Telemail TX TWX	X ID 2/2
	PER04	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80
	PER05	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number EM Electronic Mail FX Facsimile IT International Telephone TE Telephone TL Telex TM Telemail TX TWX	X ID 2/2
	PER06	364	<b>Communication Number</b> Complete communications number including country or area code when applicable	X AN 1/80

**Segment:** **FOB** F.O.B. Related Instructions  
**Position:** 370  
**Loop:** N1 Optional  
**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:**

- 1 FOB01 indicates which party will pay the carrier.
- 2 FOB02 is the code specifying transportation responsibility location.
- 3 FOB06 is the code specifying the 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.

**Comments:**

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	FOB01	146	<b>Shipment Method of Payment</b> Code identifying payment terms for transportation charges CC Collect FO FOB Port of Call MX Mixed NC Service Freight, No Charge PB Customer Pick-up/Backhaul PC Prepaid but Charged to Customer PP Prepaid (by Seller) PU Pickup	M ID 2/2
Not Rec	FOB03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	O AN 1/80
Not Rec	FOB05	335	<b>Transportation Terms Code</b> Code identifying the trade terms which apply to the shipment transportation responsibility	X ID 3/3
	FOB06	309	<b>Location Qualifier</b> Code identifying type of location CI City DE Destination (Shipping) OR Origin (Shipping Point) PL Plant SP State/Province	X ID 1/2
Not Rec	FOB07	352	<b>Description</b> A free-form description to clarify the related data elements and their content	O AN 1/80

**Segment:** **PO1** **Baseline Item Data**

**Position:** 010

**Loop:** PO1 Mandatory

**Level:** Detail

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify basic and most frequently used line item data

**Syntax Notes:**

- 1 If PO103 is present, then PO102 is required.
- 2 If PO105 is present, then PO104 is required.
- 3 If either PO106 or PO107 is present, then the other is required.
- 4 If either PO108 or PO109 is present, then the other is required.
- 5 If either PO110 or PO111 is present, then the other is required.
- 6 If either PO112 or PO113 is present, then the other is required.
- 7 If either PO114 or PO115 is present, then the other is required.
- 8 If either PO116 or PO117 is present, then the other is required.
- 9 If either PO118 or PO119 is present, then the other is required.
- 10 If either PO120 or PO121 is present, then the other is required.
- 11 If either PO122 or PO123 is present, then the other is required.
- 12 If either PO124 or PO125 is present, then the other is required.

**Semantic Notes:**

**Comments:**

- 1 See the Data Element Dictionary for a complete list of IDs.
- 2 PO101 is the line item identification.
- 3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

#### Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
PO101	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
PO102	330	<b>Quantity Ordered</b> Quantity ordered	X R 1/15
PO103	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
PO104	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	X R 1/17
PO105	639	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item CA Catalog CT Contract PE Price per Each PR Promotion UM Price per Unit of Measure	O ID 2/2
PO106	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) AT Assortability Code CB Buyer's Catalog Number CE Class of Contract Code CG Commodity Grouping CR Contract Number DG Discount Grouping FS National Stock Number HI HIBC (Health Care Industry Bar Code)	X ID 2/2



IN	Buyer's Item Number
LT	Lot Number
MF	Manufacturer
	HIBCC recommends the use of the Labeler Identification Code (LIC) to identify the manufacturer.
MG	Manufacturer's Part Number
N1	National Drug Code in 4-4-2 Format 4-digit manufacturer ID, 4-digit product ID, 2-digit trade package size
N2	National Drug Code in 5-3-2 Format 5-digit manufacturer ID, 3-digit product ID, 2-digit trade package size
N3	National Drug Code in 5-4-1 Format 5-digit manufacturer ID, 4-digit product ID, 1-digit trade package size
N4	National Drug Code in 5-4-2 Format 5-digit manufacturer ID, 4-digit product ID, 2-digit trade package size
N5	National Health Related Item Code in 5-5 Format
N6	National Health Related Item Code in 4-6 Format
ND	National Drug Code (NDC)
NH	National Health Related Item Code
PL	Purchaser's Order Line Number
SN	Serial Number
TP	Product Type Code
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1) A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit
UP	U.P.C. Consumer Package Code (1-5-5-1)
VC	Vendor's (Seller's) Catalog Number

<b>PO107</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
<b>PO108</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		See PO106 for code list.		
<b>PO109</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
<b>PO110</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		See PO106 for code list.		
<b>PO111</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		
<b>PO112</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		See PO106 for code list.		
<b>PO113</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		

<b>PO114</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		See PO106 for code list.		
<b>PO115</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service		

<b>Segment:</b>	<b>PID</b> Product/Item Description
<b>Position:</b>	050
<b>Loop:</b>	PID Optional (Not Recommended)
<b>Level:</b>	Detail
<b>Usage:</b>	Optional (Not Recommended)
<b>Max Use:</b>	1
<b>Purpose:</b>	To describe a product or process in coded or free-form format
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If PID04 is present, then PID03 is required.</li> <li>2 At least one of PID04 or PID05 is required.</li> <li>3 If PID07 is present, then PID03 is required.</li> <li>4 If PID08 is present, then PID04 is required.</li> <li>5 If PID09 is present, then PID05 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 Use PID03 to indicate the organization that publishes the code list being referred to.</li> <li>2 PID04 should be used for industry-specific product description codes.</li> <li>3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.</li> <li>4 PID09 is used to identify the language being used in PID05.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.</li> <li>2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.</li> <li>3 PID07 specifies the individual code list of the agency specified in PID03.</li> </ol>
<b>Notes:</b>	Not Recommended by HIBCC.

#### Data Element Summary

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

**Segment:** **SDQ** Destination Quantity  
**Position:** 190  
**Loop:** PO1 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 500  
**Purpose:** To specify destination and quantity detail  
**Syntax Notes:**

- 1 If either SDQ05 or SDQ06 is present, then the other is required.
- 2 If either SDQ07 or SDQ08 is present, then the other is required.
- 3 If either SDQ09 or SDQ10 is present, then the other is required.
- 4 If either SDQ11 or SDQ12 is present, then the other is required.
- 5 If either SDQ13 or SDQ14 is present, then the other is required.
- 6 If either SDQ15 or SDQ16 is present, then the other is required.
- 7 If either SDQ17 or SDQ18 is present, then the other is required.
- 8 If either SDQ19 or SDQ20 is present, then the other is required.
- 9 If either SDQ21 or SDQ22 is present, then the other is required.

**Semantic Notes:**

- 1 SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

**Comments:**

- 1 SDQ02 is used only if different than previously defined in the transaction set.
- 2 SDQ03 is the store number.
- 3 SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

#### Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	SDQ01	355	<b>Unit or Basis for Measurement Code</b>	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
	SDQ02	66	<b>Identification Code Qualifier</b>	O ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
		1	D-U-N-S Number, Dun & Bradstreet	
		2	Standard Carrier Alpha Code (SCAC)	
		8	UCC/EAN Global Product Identification Prefix	
			The first part of a UCC/EAN Product Identification Code within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system; A globally unique 3 to 10 digit code for the identification of the company assigning the remainder of the ID code, such as U.P.C., EAN-13, SCC-14, EAN-14 or SSCC-18	
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		10	Department of Defense Activity Address Code (DODAAC)	
		11	Drug Enforcement Administration (DEA)	
		21	Health Industry Number (HIN)	
		91	Assigned by Seller or Seller's Agent	
		92	Assigned by Buyer or Buyer's Agent	
		LI	Labeler Identification Code (LIC)	
M	SDQ03	67	<b>Identification Code</b>	M AN 2/80
			Code identifying a party or other code	
M	SDQ04	380	<b>Quantity</b>	M R 1/15
			Numeric value of quantity	

<b>SDQ05</b>	<b>67</b>	<b>Identification Code</b> Code identifying a party or other code	<b>X</b>	<b>AN 2/80</b>
<b>SDQ06</b>	<b>380</b>	<b>Quantity</b> Numeric value of quantity	<b>X</b>	<b>R 1/15</b>
<b>SDQ23</b>	<b>310</b>	<b>Location Identifier</b> Code which identifies a specific location	<b>O</b>	<b>AN 1/30</b>

**Segment:** N9 Reference Identification  
**Position:** 330  
**Loop:** N9 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier  
**Syntax Notes:**

- 1 At least one of N902 or N903 is required.
- 2 If N906 is present, then N905 is required.
- 3 If either C04003 or C04004 is present, then the other is required.
- 4 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 N906 reflects the time zone which the time reflects.
- 2 N907 contains data relating to the value cited in N902.

**Comments:**

**Data Element Summary**

M	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
	N901	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification E4 Charge Card Number L1 Letters or Notes PSM Credit Card	M ID 2/3
	N902	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Credit or Charge Card Number if code value in N901 is E4 or PSM.	X AN 1/30
	N903	369	<b>Free-form Description</b> Free-form descriptive text Credit or Charge Card Name i.e. Visa, Master Card, American Express.	X AN 1/45
	N907	C040	<b>Reference Identifier</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
	C04001	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification 0F Subscriber Number BV Purchase Order Line Item Identifier (Buyer) C3 Customer specification number CR Customer Reference Number IL Internal Order Number	X ID 2/3
	C04002	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	C04003	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	X ID 2/3
	C04004	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

**Segment:** **DTM** Date/Time Reference  
**Position:** 332  
**Loop:** N9 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
M	DTM01	374 <b>Date/Time Qualifier</b>	M ID 3/3
		Code specifying type of date or time, or both date and time	
		036 Expiration	
		Date coverage expires	
	DTM05	1250 <b>Date Time Period Format Qualifier</b>	X ID 2/3
		Code indicating the date format, time format, or date and time format	
		TQ Date Expressed in Format MMY	
	DTM06	1251 <b>Date Time Period</b>	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	
		Credit or Charge Card Expiration Date in MMY.	

**Segment:** **MSG** Message Text  
**Position:** 340  
**Loop:** N9 Optional  
**Level:** Detail  
**Usage:** Optional (Not Recommended)  
**Max Use:** 1000  
**Purpose:** To provide a free-form format that allows the transmission of text information  
**Syntax Notes:** 1 If MSG03 is present, then MSG02 is required.  
**Semantic Notes:** 1 MSG03 is the number of lines to advance before printing.  
**Comments:** 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.  
2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.  
**Notes:** Not Recommended by HIBCC.

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	MSG01	933	Free-Form Message Text Free-form message text	M AN 1/264



**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.  
 2 N105 and N106 further define the type of entity in N101.  
**Notes:** This segment is used to identify the Name on a Credit or Charge Card Purchase when the card information appears at a line level.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	<b>N101</b>	<b>98 Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual FP Name on Credit Card	<b>M ID 2/3</b>
	<b>N102</b>	<b>93 Name</b> Free-form name	<b>X AN 1/60</b>

**Segment:** **CTT** Transaction Totals  
**Position:** 010  
**Loop:** CTT Optional  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit a hash total for a specific element in the transaction set  
**Syntax Notes:** 1 If either CTT03 or CTT04 is present, then the other is required.  
 2 If either CTT05 or CTT06 is present, then the other 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>Attributes</u>
M	CTT01	354	Number of Line Items Total number of line items in the transaction set	M N0 1/6

**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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9