

850 Purchase Order - DHC Common SDQ Format

REVISED: Sept. 29, 1998

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>
>>	010	ST	Transaction Set Header	M	1		
>>	020	BEG	Beginning Segment for Purchase Order	M	1		
>>	050	REF	Reference Identification	M	>1		
	060	PER	Administrative Communications Contact	O	3		
	080	FOB	F.O.B. Related Instructions	O	>1		
	110	CSH	Sales Requirements	O	5		
LOOP ID - SAC						25	
	120	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
>>	130	ITD	Terms of Sale/Deferred Terms of Sale	M	>1		
>>	150	DTM	Date/Time Reference	M	10		
	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
LOOP ID - N9						1000	
	295	N9	Reference Identification	O	1		
	300	MSG	Message Text	O	1000		
LOOP ID - N1						200	
	310	N1	Name	O	1		
	330	N3	Address Information	O	2		
	340	N4	Geographic Location	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>
LOOP ID - PO1						100000	
>>	010	PO1	Baseline Item Data	M	1		n1
LOOP ID - CTP						>1	
	040	CTP	Pricing Information	O	1		
LOOP ID - PID						1000	
	050	PID	Product/Item Description	O	1		
	090	PO4	Item Physical Details	O	>1		
LOOP ID - SAC						25	

130	SAC	Service, Promotion, Allowance, or Charge Information	O	1
190	SDQ	Destination Quantity	O	500
		LOOP ID - SLN		1000
470	SLN	Subline Item Detail	O	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	M	1	n2
>>	030	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. PO102 is required.
2. 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.

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) 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:
Notes:

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*****
Sample ST Segment
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ST*850*0001
*****
  
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Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
>>	ST01	143 Transaction Set Identifier Code Code uniquely identifying a Transaction Set 850 Purchase Order	M ID 3/3
>>	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:

Notes:

Sample BEG Segment

*BEG*00*SA*SSSS-PPPPPP**20000320 (Non-VCD)*

*BEG*00*SA*SSSS-PPPPPP-LLLL**20000616 (VCD)*

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	BEG01	353 Transaction Set Purpose Code Code identifying purpose of transaction set	M ID 2/2
		00 Original	
		06 Confirmation	
		This code is new with GMS for Target & Mervyn's vendors. This code is used for confirmation orders only. Vendor should have previously received an order via phone or fax.	
		07 Duplicate	
		This code will be used for the 850 re-send for Mervyn's vendors only.	
		With GMS this code (along with the 850 re-send) will be eliminated and replaced with the PO Change (860).	
>>	BEG02	92 Purchase Order Type Code Code specifying the type of Purchase Order	M ID 2/2
		<i>Pre GMS, Mervyn's vendors will continue to receive Bulk and Stand Alone (only one ship to location) Orders in the Basic Format.</i>	
		BK Blanket Order (Quantity Firm)	
		RL Release or Delivery Order	
		An order for goods and services placed against a pre-existing contract or blanket order	
		SA Stand-alone Order	
		An order that is approved and allocated on the same day with one or more locations.	
>>	BEG03	324 Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22
		<i>The SDQ PO Number format is: SSSS-PPPPPP</i>	
		<i>SSSS=Source Code</i>	
		<i>PPPPPP=Purchase Order Number</i>	
		<i>NOTE: If the SDQ order is a VCD (Vendor Cross Dock), the PO number format will be SSSS-PPPPPP-LLLL. Where LLLL = the Ship To Location (DC).</i>	
	BEG04	328 Release Number	O AN 1/30

Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

Sequentially numbered releases against a blanket order. This element is used only when BEG02='RL'

This element is new with GMS for Target & Mervyn's vendors.

>>

BEG05

373

Date

M DT 8/8

Date expressed as CCYYMMDD

The date the purchase order was created in the DHC system

Segment: **REF** Reference Identification
Position: 050
Loop:
Level: Heading:
Usage: Mandatory
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:
Notes:

DHC will send at least two occurrences of the REF. The first occurrence will contain a DHC internal vendor number identifying the company receiving the PO. The second occurrence will contain the DHC department number. If sent, the third occurrence will contain a reference or identification number defined by the vendor for a particular purchase if the purchase order has an assigned promotional number.

Sample REF Segments

REF*IA*3342078*VENDORABC
REF*DP*907

REF*IA*3342078*VENDORABC
REF*DP*907
REF*PD*02789AB

Data Element Summary

>>	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification DP Department Number IA Internal Vendor Number This is new with GMS for DSD vendors PD Promotion/Deal Number	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content <i>Vendor Name. This is new with GMS for Target & DSD vendors.</i>	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.
- 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:

Notes:

This segment is new with GMS. It will be used for sending guest contact numbers for Big Ticket orders and special orders shipping direct from vendor to guest.

Sample PER Segment

*PER*DC*Valuable Guest*TE*6123755510*

Data Element Summary

Ref.	Data Element	Name	Attributes
>> PER01	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named DC Delivery Contact	M ID 2/2
PER02	93	Name Free-form name <i>Guest Name</i>	O AN 1/60
PER03	365	Communication Number Qualifier Code identifying the type of communication number EM Electronic Mail FX Facsimile TE Telephone	X ID 2/2
PER04	364	Communication Number Complete communications number including country or area code when applicable <i>Guest Contact Number</i>	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:

Notes:

This segment is new with GMS for DSD vendors.

Sample FOB Segment

*FOB*DF*DE*MINNEAPOLIS, MN*

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
>> FOB01	146	Shipment Method of Payment		M ID 2/2
		Code identifying payment terms for transportation charges		
		DF Defined by Buyer and Seller		
FOB02	309	Location Qualifier		X ID 1/2
		Code identifying type of location		
		DE Destination (Shipping)		
		OR Origin (Shipping Point)		
		ZZ Mutually Defined		
FOB03	352	Description		O AN 1/80
		A free-form description to clarify the related data elements and their content		
		<i>Free-form name of destination or origin</i>		

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:

Notes:

This segment is new with GMS for Mervyn's vendors.

Sample CSH Segment

CSH*Y

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
CSH01	563	Sales Requirement Code	O ID 1/2
		Code to identify a specific requirement or agreement of sale	
	N	No Back Order	
		Back Order not Authorized	
	Y	Back Order if Out of Stock	
		Back Order Authorized	

Segment: **SAC** Service, Promotion, Allowance, or Charge Information
Position: 120
Loop: SAC Optional
Level: Heading:
Usage: Optional
Max Use: 1
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
 - 2 If either SAC03 or SAC04 is present, then the other is required.
 - 3 If either SAC06 or SAC07 is present, then the other is required.
 - 4 If either SAC09 or SAC10 is present, then the other is required.
 - 5 If SAC11 is present, then SAC10 is required.
 - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
 - 7 If SAC14 is present, then SAC13 is required.
 - 8 If SAC16 is present, then SAC15 is required.

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
 - 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 - 3 SAC08 is the allowance or charge rate per unit.
 - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
 - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
 - 7 SAC16 is used to identify the language being used in SAC15.

- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
 - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: *****
This segment is new with GMS for Mervyn's vendors. DSD & Target Vendors please note you may receive additional codes with GMS.

This segment will be used only if receiving a special type of purchase order.

Sample SAC Segment

SAC*N**VI*OHPR

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		N No Allowance or Charge	
	SAC02	1300 Service, Promotion, Allowance, or Charge Code	X ID 4/4
		Code identifying the service, promotion, allowance, or charge	
		<i>Not used by DHC</i>	
	SAC03	559 Agency Qualifier Code	X ID 2/2

Code identifying the agency assigning the code values

VI Voluntary Inter-Industry Commerce Standard (VICS)
EDI

SAC04 1301 Agency Service, Promotion, Allowance, or Charge Code X AN 1/10

Agency maintained code identifying the service, promotion, allowance, or charge

This is a 2-part, 4-character field. The first 2 characters will be 'OH'. The next 2 characters will be one of the following codes:

DS	Drop Ship
KO	Closeout Order
KT	Key Titles
NP	New Product Introduction Order
NS	New Store Order
PR	Promotional Order
RC	Raincheck Order
RO	Rush Order
SB	Seasonal Buildup Order
SO	Special Order
SP	Sample Order
TC	Ticketing Service

This code does not have the 'OH' prefix.

To be used only when the PO is for the Ticket Producer

Segment: **ITD** Terms of Sale/Deferred Terms of Sale
Position: 130
Loop:
Level: Heading:
Usage: Mandatory
Max Use: >1
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:

- 1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Comments:

- 1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

Notes: *****

Sample ITD Segment

ITD*01*2*0**30

ITD*02*2****20000710 (Net EOM)

ITD*02*2*2*20000810 (2% EOM +30)

ITD*14*4****20001225 (Net - Specified Date)

ITD*14*4*3*20001225 (3% - Specified Date)

Mervyn's Example:

ITD*01*2*****NET 30 ROG

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	ITD01	336 Terms Type Code	M ID 2/2
		Code identifying type of payment terms	
		<i>Vendors please note you may receive additional codes with GMS.</i>	
		01 Basic	
		02 End of Month (EOM)	
		04 Deferred or Installment	
		05 Discount Not Applicable	
		08 Basic Discount Offered	
		09 Proximo	
		10 Instant	
		12 10 Days After End of Month (10 EOM)	
		14 Previously agreed upon	
		24 Anticipation	
		A discount allowance given when an invoice is paid before its due date (anticipation = (agreed rate/365) x invoice amount x number of days early)	

>> ITD02 333 Terms Basis Date Code M ID 1/2

Code identifying the beginning of the terms period

Vendors please note you may receive additional codes with GMS.

- 2 Delivery Date
- 3 Invoice Date
- 4 Specified Date

ITD03	338	Terms Discount Percent	O R 1/6
Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date			
<i>99.999=Discount %</i>			
<i>(Note that digits after the decimal are floating and not fixed. This means ending zeroes will be dropped, e.g. 9.990 will display as 9.99, but 9.999 will display as 9.999)</i>			
ITD04	370	Terms Discount Due Date	X DT 8/8
Date payment is due if discount is to be earned expressed in format CCYYMMDD			
<i>This element is new with GMS for DSD & Mervyn's vendors.</i>			
ITD05	351	Terms Discount Days Due	X N0 1/3
Number of days in the terms discount period by which payment is due if terms discount is earned			
<i>This element is new with GMS for Mervyn's vendors.</i>			
<i># of days in terms discount period</i>			
ITD06	446	Terms Net Due Date	O DT 8/8
Date when total invoice amount becomes due expressed in format CCYYMMDD			
<i>This element is new with GMS for DSD & Mervyn's vendors.</i>			
ITD07	386	Terms Net Days	O N0 1/3
Number of days until total invoice amount is due (discount not applicable)			
<i>This element is new with GMS for Mervyn's vendors.</i>			
<i># of days until total invoice amount due</i>			
ITD08	362	Terms Discount Amount	O N2 1/10
Total amount of terms discount			
<i>Not used by DHC</i>			
ITD09	388	Terms Deferred Due Date	O DT 8/8
Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD			
<i>Not used by DHC</i>			
ITD10	389	Deferred Amount Due	X N2 1/10
Deferred amount due for payment			
<i>Not used by DHC</i>			
ITD11	342	Percent of Invoice Payable	X R 1/5
Amount of invoice payable expressed in percent			
<i>Not used by DHC</i>			
ITD12	352	Description	O AN 1/80
A free-form description to clarify the related data elements and their content			
<i>This element new with GMS for Target vendors.</i>			
<i>The contents of the description will change with GMS for DSD & Mervyn's vendors. See segment examples.</i>			
ITD13	765	Day of Month	X N0 1/2
The numeric value of the day of the month between 1 and the maximum day of			

the month being referenced

This element is new with GMS for DSD and Mervyn's Vendors.

Segment: **DTM** Date/Time Reference
Position: 150
Loop:
Level: Heading:
Usage: Mandatory
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:

Notes:

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*****
Sample DTM Segment
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DTM*037*20000315
DTM*038*20000331

DTM*015*20000405

DTM*063*20001101
DTM*064*20001025
DTM*015*20001027
*****

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Data Element Summary

Ref.	Data Element	Name	Attributes
>> DTM01	374	Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		010 Requested Ship	This code will be eliminated with GMS.
		015 Promotion Start	DHC Promotion Start Date.
		037 Ship Not Before	New with GMS for all vendors. Vendor should not ship product before this date
		038 Ship No Later	Vendor should not ship product after this date.
		063 Do Not Deliver After	This code new with GMS for DSD vendors. Do not deliver product to DHC after this date.
		064 Do Not Deliver Before	This code new with GMS for DSD & Mervyn's Vendors. Do not deliver product to DHC before this date.
			This code new with GMS for DSD & Mervyn's vendors.
DTM02	373	Date	X DT 8/8
		Date expressed as CCYYMMDD	

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 TD505 TD506 or TD512 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.
- 5 If TD513 is present, then TD512 is required.
- 6 If TD514 is present, then TD513 is required.
- 7 If TD515 is present, then TD512 is required.

Semantic Notes:

- 1 TD515 is the country where the service is to be performed.

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.

Notes: *****
This segment new with GMS for DSD vendors.

In SDQ Format this is used only for VCD orders.

Sample TD5 Segment

*TD5*B*2*OVNT*M*

*TD5*B*2*NEMF*C*VIA N ENGLAND MTR FRT*

*TD5*B*92*PREPAID ROADWAY*M*

*TD5*B*92*See Routing Guide*

NOTE: A Routing Guide should have been sent to your shipping department by the DHC Transportation Department.

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	TD501	133 Routing Sequence Code	M ID 1/2
		Code describing the relationship of a carrier to a specific shipment movement	
		B Origin/Delivery Carrier (Any Mode)	
>>	TD502	66 Identification Code Qualifier	M ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		2 Standard Carrier Alpha Code (SCAC)	
		92 Assigned by Buyer or Buyer's Agent	
>>	TD503	67 Identification Code	M AN 2/80
		Code identifying a party or other code	
		<i>If TD502 = 2, this will be the carrier's SCAC.</i>	
		<i>If TD502 = 92, this will be a text message.</i>	
	TD504	91 Transportation Method/Type Code	X ID 1/2

Code specifying the method or type of transportation for the shipment

A	Air
C	Consolidation
H	Customer Pickup
M	Motor (Common Carrier)
U	Private Parcel Service

TD505

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Routing

X AN 1/35

Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

Assigned by DHC Transportation

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:

Notes:

Sample N9 Segment

*N9*ZZ*TRA*

Data Element Summary

Ref.	Data	Attributes
Des.	Element Name	
>> N901	128 Reference Identification Qualifier Code qualifying the Reference Identification ZZ Mutually Defined	M ID 2/3
N902	127 Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>This element will contain codes explaining contents of the following MSG segment, such as: SPH =Special Handling Instructions or TRA for routing instructions.</i>	X AN 1/30

Segment: **MSG** Message Text
Position: 300
Loop: N9 Optional
Level: Heading:
Usage: Optional
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: *****
In the SDQ format this segment will be used to transmit routing instructions for non-VCD orders, and if needed, special order instructions.

Routing instructions are new with GMS for DSD & Mervyn's.

MSG Segment Examples:

MSG*PPD 0552 0553 0554

MSG*CALC0551 0552 0553 0554 0555
MSG*CALB0556 0557 0558

The following example shows how a break will occur when the message content exceeds 60 characters.
MSG*RPSI2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 20
MSG*11 2012 2013 2014 2015 2016 2017 2018

MSG*CALB0551W0552W0553W0554W
Where W = Bill To a Store and Ship to a DC.
A space between locations means Bill To and Ship To are the same.

MSG*See Routing Guide

MSG*"Special order instructions will appear here"

Data Element Summary

Ref.	Data Element	Name	Attributes
>> MSG01	933	Free-Form Message Text Free-form message text	M AN 1/60
<i>Note: Message Length is 60 characters.</i>			

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.

Notes: *****
*With GMS the N1 segment use will change as follows:
In SDQ format, an N1 segment will be sent for POs if the PO is a VCD (Vendor Cross Dock) or a Direct Ship to a Guest. If no N1 segment is sent, ship to and bill to are in the SDQ segment.*

Sample N1 Segments

*N1*ST*SHIP VIA VCD*92*0551 (Ship To)*

*N1*ST*Guest Name (Direct Ship to Guest)*

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>> N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser) This is the DHC Location to be invoiced OB Ordered By Used by DHC Big Ticket ST Ship To DHC will only send an ST N1 Segment if merchandise goes through the DHC DC's Vendor Cross Dock or is shipped direct to the guest.	M ID 2/3
N102	93	Name Free-form name <i>This element is new with GMS for Mervyn's vendors. Used for VCD or Ship Direct to Guest.</i>	X AN 1/60
N103	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
N104	67	Identification Code Code identifying a party or other code <i>4-digit location</i>	X AN 2/80

Segment: N3 Address Information
Position: 330
Loop: N1 Optional
Level: Heading:
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes:

```

*****
The use of the N3 segment changes with GMS as follows:
In SDQ format, an N3 segment will be sent only when an N1 segment is sent and will
contain the Ship To address.

Sample N3 Segment

-----
N3*14750 MILLER AVE
*****

```

Data Element Summary

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

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 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.

Notes: *****
*The use of the N4 segment changes with GMS as follows:
 In SDQ format, an N4 will be sent only when an N1 segment is sent and will contain the Ship To Address.*

Sample N4 Segment

 N4*FONTANTA*CA*92336

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Free-form text for city name	O AN 2/30
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 3/15
N404	26	Country Code Code identifying the country <i>The use of this code is new with GMS.</i>	O ID 2/3

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.

Notes:

```
*****
Three Product Identifiers will be sent with GMS, CB, UP or EN, and VA.

Sample PO1 Segment

PO1*000001*36*EA*4.06**CB*DHCSKU*VA*100*UP*0123456789016

PO1*000001*124*EA*2.069**CB*DHCSKU*VA*200*EN*01234567890123
*****
```

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>> PO101	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	M AN 1/20
PO102	330	Quantity Ordered Quantity ordered	X R 1/15
>> PO103	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>CA & LB are for future use.</i>	M ID 2/2
		CA Case	
		EA Each	
		LB Pound	
>> PO104	212	Unit Price Price per unit of product, service, commodity, etc. <i>Note digits after the decimal are floating and not fixed. This means ending zeroes will be dropped; e.g. 9.990 will display as 9.99, but 9.999 will display as 9.999</i>	M R 1/17
PO105	639	Basis of Unit Price Code	O ID 2/2

Code identifying the type of unit price for an item

The use of this element is new with GMS for Target & Mervyn's Vendors.

LE	Catalog Price per Each
QT	Quoted
WD	Wholesale Price per Dozen
WE	Wholesale Price per Each

>> **PO106 235 Product/Service ID Qualifier M ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

There are new codes with GMS.

The qualifiers list for PO106 will also be used in the subsequent data element 235/234 pairs.

CB	Buyer's Catalog Number
	DHC SKU
EN	European Article Number (EAN) (2-5-5-1)
UP	U.P.C. Consumer Package Code (1-5-5-1)
VA	Vendor's Style Number

PO107 234 Product/Service ID X AN 1/48

Identifying number for a product or service

DSD:

When the qualifier=CB, prior to GMS, this field will contain the DSD SKU which = up to 24 digits. With GMS, DSD will use a 9 digit identifier.

MERVYN'S:

When the qualifier=CB, a 10-digit SKU will be sent until some future date. You will receive prior notification of a change.

TARGET:

When the qualifier=CB, Pre & Post GMS, this field will contain the 9-digit Target SKU.

When the qualifier=EN, this field will contain the 13-digit European Article Number.

When the qualifier=UP, this field will contain the full 12-digit UPC Code.

When the qualifier=VA, this field will contain the Vendor Style Number.

PO108 235 Product/Service ID Qualifier X ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

There are new codes for GMS.

The qualifiers list for PO106 will also be used in the subsequent data element 235/234 pairs.

CB	Buyer's Catalog Number
	DHC SKU
EN	European Article Number (EAN) (2-5-5-1)
UP	U.P.C. Consumer Package Code (1-5-5-1)
VA	Vendor's Style Number

PO109 234 Product/Service ID X AN 1/48

Identifying number for a product or service

See Notes in PO107.

PO110 235 Product/Service ID Qualifier X ID 2/2

Code identifying the type/source of the descriptive number used in

Product/Service ID (234)

There are new codes for GMS.

The qualifiers list for PO106 will also be used in the subsequent data element 235/234 pairs.

CB Buyer's Catalog Number

DHC SKU

EN European Article Number (EAN) (2-5-5-1)

UP U.P.C. Consumer Package Code (1-5-5-1)

VA Vendor's Style Number

PO111 234 Product/Service ID X AN 1/48

Identifying number for a product or service

See Notes in PO107.

PO112 235 Product/Service ID Qualifier X ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

There are new codes for GMS.

The qualifiers list for PO106 will also be used in the subsequent data element 235/234 pairs.

CB Buyer's Catalog Number

DHC SKU

EN European Article Number (EAN) (2-5-5-1)

UP U.P.C. Consumer Package Code (1-5-5-1)

VA Vendor's Style Number

PO113 234 Product/Service ID X AN 1/48

Identifying number for a product or service

See Notes in PO107.

Segment: **CTP Pricing Information**
Position: 040
Loop: CTP Optional
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To specify pricing information
Syntax Notes: 1 If either CTP04 or CTP05 is present, then the other is required.
2 If CTP06 is present, then CTP07 is required.
3 If CTP09 is present, then CTP02 is required.
4 If CTP10 is present, then CTP02 is required.
5 If CTP11 is present, then CTP03 is required.
Semantic Notes: 1 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
2 CTP08 is the rebate amount.
Comments: 1 See Figures Appendix for an example detailing the use of CTP03 and CTP04.
See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

Notes: *****
Sample CTP Segment

CTP*RS*RES*9.99*****3

CTP*RS*UCP*9.067

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
CTP01	687	Class of Trade Code Code indicating class of trade RS Resale	O ID 2/2
CTP02	236	Price Identifier Code Code identifying pricing specification RES Resale UCP Unit cost price Retail Item List Cost (only sent with Letter of Credit) This code new with GMS for DSD & Target Vendors.	X ID 3/3
CTP03	212	Unit Price Price per unit of product, service, commodity, etc.	X R 1/17
CTP04	380	Quantity Numeric value of quantity <i>Not used by DHC</i>	X R 1/15
CTP05	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use) <i>Not used by DHC</i>	X
CTP06	648	Price Multiplier Qualifier Code indicating the type of price multiplier <i>Not used by DHC</i>	O ID 3/3

CTP07	649	Multiplier	X	R 1/10
		Value to be used as a multiplier to obtain a new value		
		<i>Not used by DHC</i>		
CTP08	782	Monetary Amount	O	R 1/18
		Monetary amount		
		<i>Not used by DHC</i>		
CTP09	639	Basis of Unit Price Code	O	ID 2/2
		Code identifying the type of unit price for an item		
		<i>Not used by DHC</i>		
CTP10	499	Condition Value	O	AN 1/10
		Identifies rate restrictions or provisions		
		<i>Not used by DHC</i>		
CTP11	289	Multiple Price Quantity	O	N0 1/2
		Quantity of units for a given price, e.g., 3 for \$10.00		
		<i>This element is new with GMS.</i>		

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.
- 3 If PID07 is present, then PID03 is required.
- 4 If PID08 is present, then PID04 is required.
- 5 If PID09 is present, then PID05 is required.

Semantic Notes:

- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
- 2 PID04 should be used for industry-specific product description codes.
- 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.
- 4 PID09 is used to identify the language being used in PID05.

Comments:

- 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.
- 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- 3 PID07 specifies the individual code list of the agency specified in PID03.

Notes:

This segment is new with GMS for Target vendors.

Sample PID Segment

*PID*F*08***VNECK SWEATER*

*PID*X*08*VI*PP*Mens Shirts*

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
>> PID01	349	Item Description Type Code indicating the format of a description F Free-form S Structured (From Industry Code List) X Semi-structured (Code and Text)	M ID 1/1
PID02	750	Product/Process Characteristic Code Code identifying the general class of a product or process characteristic 08 Product 73 Vendor color description 74 Vendor size description	O ID 2/3
PID03	559	Agency Qualifier Code Code identifying the agency assigning the code values <i>This element new with GMS.</i> VI Voluntary Inter-Industry Commerce Standard (VICS) EDI	X ID 2/2
PID04	751	Product Description Code	X AN 1/12

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 either PO402 or PO403 is present, then the other is required.
- 2 If PO405 is present, then PO406 is required.
- 3 If either PO406 or PO407 is present, then the other is required.
- 4 If either PO408 or PO409 is present, then the other is required.
- 5 If PO410 is present, then PO413 is required.
- 6 If PO411 is present, then PO413 is required.
- 7 If PO412 is present, then PO413 is required.
- 8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
- 9 If PO417 is present, then PO416 is required.
- 10 If PO418 is present, then PO404 is required.

Semantic Notes:

- 1 PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
- 2 PO416 is the package identifier or the beginning package identifier in a range of identifiers.
- 3 PO417 is the ending package identifier in a range of identifiers.
- 4 PO418 is the number of packages in this layer.

Comments:

- 1 PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
- 2 PO413 defines the unit of measure for PO410, PO411, and PO412.

Notes: *****

The PO4 Segment is new with GMS for DSD vendors.

Sample PO4 Segment

*PO4*6*****4
PO4*24*

The Standards state the following:

PO401=The number of inner containers or the number of eaches in the carton, if no inner carton is used (See second example above.)

PO414=The number of eaches per inner container. This is the quantity of SKUs within the inner carton (See the first example above)

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>> PO401	356	Pack	M N0 1/6
		The number of inner containers, or number of eaches if there are no inner containers, per outer container	
PO402	357	Size	X R 1/8
		Size of supplier units in pack	
		<i>Not used by DHC</i>	
PO403	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		<i>Not used by DHC</i>	

PO404	103	Packaging Code	X	AN 3/5
		Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required		
		<i>Not used by DHC</i>		
		PCK Packed - not otherwise specified		
		71 Not Otherwise Specified		
PO405	187	Weight Qualifier	O	ID 1/2
		Code defining the type of weight		
		<i>Not used by DHC</i>		
PO406	384	Gross Weight per Pack	X	R 1/9
		Numeric value of gross weight per pack		
		<i>Not used by DHC</i>		
PO407	355	Unit or Basis for Measurement Code	X	ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		<i>Not used by DHC</i>		
PO408	385	Gross Volume per Pack	X	R 1/9
		Numeric value of gross volume per pack		
		<i>Not used by DHC</i>		
PO409	355	Unit or Basis for Measurement Code	X	ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		<i>Not used by DHC</i>		
PO410	82	Length	X	R 1/8
		Largest horizontal dimension of an object measured when the object is in the upright position		
		<i>Not used by DHC</i>		
PO411	189	Width	X	R 1/8
		Shorter measurement of the two horizontal dimensions measured with the object in the upright position		
		<i>Not used by DHC</i>		
PO412	65	Height	X	R 1/8
		Vertical dimension of an object measured when the object is in the upright position		
		<i>Not used by DHC</i>		
PO413	355	Unit or Basis for Measurement Code	X	ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		<i>Not used by DHC</i>		
PO414	810	Inner Pack	O	N0 1/6
		The number of eaches per inner container		

Segment: SAC Service, Promotion, Allowance, or Charge Information
Position: 130
Loop: SAC Optional
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
 - 2 If either SAC03 or SAC04 is present, then the other is required.
 - 3 If either SAC06 or SAC07 is present, then the other is required.
 - 4 If either SAC09 or SAC10 is present, then the other is required.
 - 5 If SAC11 is present, then SAC10 is required.
 - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
 - 7 If SAC14 is present, then SAC13 is required.
 - 8 If SAC16 is present, then SAC15 is required.

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
 - 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 - 3 SAC08 is the allowance or charge rate per unit.
 - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
 - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
 - 7 SAC16 is used to identify the language being used in SAC15.

- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
 - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: *****

The SAC segment is new with GMS for DSD & Target vendors.

Sample SAC Segments

*SAC*N**VI*HA*

*SAC*N**VI*TC990101 *****TICKETING CODE*

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		N No Allowance or Charge	
	SAC02	1300 Service, Promotion, Allowance, or Charge Code	X ID 4/4
		Code identifying the service, promotion, allowance, or charge	
		<i>Not used by DHC</i>	
	SAC03	559 Agency Qualifier Code	X ID 2/2

		Code identifying the agency assigning the code values		
		VI		Voluntary Inter-Industry Commerce Standard (VICS)
				EDI
SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN 1/10
		Agency maintained code identifying the service, promotion, allowance, or charge		
		HA		Hanger Service
		TC990101		Ticketing Service
SAC05	610	Amount	O	N2 1/15
		Monetary amount		
		<i>Not used by DHC</i>		
SAC06	378	Allowance/Charge Percent Qualifier	X	ID 1/1
		Code indicating on what basis allowance or charge percent is calculated		
		<i>Not used by DHC</i>		
SAC07	332	Percent	X	R 1/6
		Percent expressed as a percent		
		<i>Not used by DHC</i>		
SAC08	118	Rate	O	R 1/9
		Rate expressed in the standard monetary denomination for the currency specified		
		<i>Not used by DHC</i>		
SAC09	355	Unit or Basis for Measurement Code	X	ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		<i>Not used by DHC</i>		
SAC10	380	Quantity	X	R 1/15
		Numeric value of quantity		
		<i>Not used by DHC</i>		
SAC11	380	Quantity	O	R 1/15
		Numeric value of quantity		
		<i>Not used by DHC</i>		
SAC12	331	Allowance or Charge Method of Handling Code	O	ID 2/2
		Code indicating method of handling for an allowance or charge		
		<i>Not used by DHC</i>		
SAC13	127	Reference Identification	X	AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
		<i>This field will contain the ticketing code.</i>		
		<i>New Ticketing Codes will be sent with GMS. Please refer to the Vendor Partnership Manual.</i>		

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.

Notes:

An SDQ segment can hold up to 10 locations. When the PO has more than 10 locations, additional SDQ segments will be sent. See the first example below.

Sample SDQ Segment

*SDQ*EA*92*0551*72*0552*48*0553*12*0554*104*0555*72*0556*120*0557*12*0559*24*0560*104*0561*104*

*SDQ*EA*92*0562*124*0563*120*0564*120*

*SDQ*EA*92*2001*6*2002*6*2003*12*2004*6*2005*12*2006*12*

*SDQ*EA*92*0991*6*0992*6*0993*12*

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	SDQ01	355 Unit or Basis for Measurement Code	M ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		CA Case	
		EA Each	
		LB Pound	
>>	SDQ02	66 Identification Code Qualifier	M ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		92 Assigned by Buyer or Buyer's Agent	
>>	SDQ03	67 Identification Code	M AN 2/80
		Code identifying a party or other code	
		<i>This is a 4-digit field denoting the DHC location number</i>	
>>	SDQ04	380 Quantity	M R 1/15
		Numeric value of quantity	
	SDQ05	67 Identification Code	X AN 2/80

		Code identifying a party or other code		
		<i>This is a 4-digit field denoting the DHC location number</i>		
SDQ06	380	Quantity	X	R 1/15
		Numeric value of quantity		
SDQ07	67	Identification Code	X	AN 2/80
		Code identifying a party or other code		
		<i>This is a 4-digit field denoting the DHC location number</i>		
SDQ08	380	Quantity	X	R 1/15
		Numeric value of quantity		
SDQ09	67	Identification Code	X	AN 2/80
		Code identifying a party or other code		
		<i>This is a 4-digit field denoting the DHC location number</i>		
SDQ10	380	Quantity	X	R 1/15
		Numeric value of quantity		
SDQ11	67	Identification Code	X	AN 2/80
		Code identifying a party or other code		
		<i>This is a 4-digit field denoting the DHC location number</i>		
SDQ12	380	Quantity	X	R 1/15
		Numeric value of quantity		
SDQ13	67	Identification Code	X	AN 2/80
		Code identifying a party or other code		
		<i>This is a 4-digit field denoting the DHC location number</i>		
SDQ14	380	Quantity	X	R 1/15
		Numeric value of quantity		
SDQ15	67	Identification Code	X	AN 2/80
		Code identifying a party or other code		
		<i>This is a 4-digit field denoting the DHC location number</i>		
SDQ16	380	Quantity	X	R 1/15
		Numeric value of quantity		
SDQ17	67	Identification Code	X	AN 2/80
		Code identifying a party or other code		
		<i>This is a 4-digit field denoting the DHC location number</i>		
SDQ18	380	Quantity	X	R 1/15
		Numeric value of quantity		
SDQ19	67	Identification Code	X	AN 2/80
		Code identifying a party or other code		
		<i>This is a 4-digit field denoting the DHC location number</i>		
SDQ20	380	Quantity	X	R 1/15
		Numeric value of quantity		
SDQ21	67	Identification Code	X	AN 2/80
		Code identifying a party or other code		
		<i>This is a 4-digit field denoting the DHC location number</i>		
SDQ22	380	Quantity	X	R 1/15
		Numeric value of quantity		

Segment: **SLN** Subline Item Detail

Position: 470

Loop: SLN Optional

Level: Detail:

Usage: Optional

Max Use: 1

Purpose: To specify product subline detail item data

Syntax Notes:

- 1 If either SLN04 or SLN05 is present, then the other is required.
- 2 If SLN07 is present, then SLN06 is required.
- 3 If SLN08 is present, then SLN06 is required.
- 4 If either SLN09 or SLN10 is present, then the other is required.
- 5 If either SLN11 or SLN12 is present, then the other is required.
- 6 If either SLN13 or SLN14 is present, then the other is required.
- 7 If either SLN15 or SLN16 is present, then the other is required.
- 8 If either SLN17 or SLN18 is present, then the other is required.
- 9 If either SLN19 or SLN20 is present, then the other is required.
- 10 If either SLN21 or SLN22 is present, then the other is required.
- 11 If either SLN23 or SLN24 is present, then the other is required.
- 12 If either SLN25 or SLN26 is present, then the other is required.
- 13 If either SLN27 or SLN28 is present, then the other is required.

Semantic Notes:

- 1 SLN01 is the identifying number for the subline item.
- 2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
- 3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
- 4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

- 1 See the Data Element Dictionary for a complete list of IDs.
- 2 SLN01 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 SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes:

The SLN segment is new with GMS for DSD & Mervyn's vendors.

Sample SLN Segment

SLN*000001**I*2400*EA*4.52**I*CB*DHCSKU*UP*023456789015*VA*100
 SLN*000001**I*2400*EA*4.52**I*CB*DHCSKU*EN*1234567890123*VA*200

Data Element Summary

Ref.	Data Element	Name	Attributes
>>	SLN01	350 Assigned Identification	M AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
		<i>Sequential counter assigned by DHC</i>	
	SLN02	350 Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
		<i>Not used by DHC</i>	
>>	SLN03	662 Relationship Code	M ID 1/1
		Code indicating the relationship between entities	
		I	Included
>>	SLN04	380 Quantity	M R 1/15
		Numeric value of quantity	
>>	SLN05	C001 Composite Unit of Measure	M
		To identify a composite unit of measure (See Figures Appendix for examples)	

>>	C00101	355	of use) Unit or Basis for Measurement Code	M	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			CA Case		
			EA Each		
			LB Pound		
	SLN06	212	Unit Price	X	R 1/17
			Price per unit of product, service, commodity, etc.		
	SLN07	639	Basis of Unit Price Code	O	ID 2/2
			Code identifying the type of unit price for an item		
			LE Catalog Price per Each		
			QT Quoted		
			WD Wholesale Price per Dozen		
			WE Wholesale Price per Each		
	SLN08	662	Relationship Code	O	ID 1/1
			Code indicating the relationship between entities		
			I Included		
	SLN09	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			CB Buyer's Catalog Number		
			EN European Article Number (EAN) (2-5-5-1)		
			UP U.P.C. Consumer Package Code (1-5-5-1)		
			VA Vendor's Style Number		
	SLN10	234	Product/Service ID	X	AN 1/48
			Identifying number for a product or service		
			<i>DSD:</i>		
			<i>When the qualifier=CB, prior to GMS, this field will contain the DSD SKU which = up to 24 digits. With GMS, DSD will use a 9 digit identifier.</i>		
			<i>MERVYN'S:</i>		
			<i>When the qualifier=CB, a 10-digit SKU will be sent until some future date. You will receive prior notification of a change.</i>		
			<i>TARGET:</i>		
			<i>When the qualifier=CB, Pre & Post GMS, this field will contain the 9-digit Target SKU.</i>		
			<i>When the qualifier=EN, this field will contain the 13-digit European Article Number. (Only used for DSD or Mervyn's)</i>		
			<i>When the qualifier=UP, this field will contain the full 12-digit UPC Code.</i>		
			<i>When the qualifier=VA, this field will contain the Vendor Style Number.</i>		
	SLN11	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		

CB Buyer's Catalog Number
 EN European Article Number (EAN) (2-5-5-1)
 UP U.P.C. Consumer Package Code (1-5-5-1)
 VA Vendor's Style Number

SLN12 234 Product/Service ID X AN 1/48

Identifying number for a product or service

See Notes in SLN10.

SLN13 235 Product/Service ID Qualifier X ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CB Buyer's Catalog Number
 EN European Article Number (EAN) (2-5-5-1)
 UP U.P.C. Consumer Package Code (1-5-5-1)
 VA Vendor's Style Number

SLN14 234 Product/Service ID X AN 1/48

Identifying number for a product or service

See Notes in SLN10.

Segment: **CTT Transaction Totals**

Position: 010

Loop: CTT Mandatory

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 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.

Notes:

Sample CTT Segment

*CTT*12*137*

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
>> 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.

Notes:

```

*****
Sample SE Segment
-----
SE*2*0011
*****
  
```

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments M N0 1/10
>>	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