850 Purchase Order - Target Corporation SDQ Format

REVISED: August 22, 2001

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:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	ST	Transaction Set Header	M	1		
M	020	BEG	Beginning Segment for Purchase Order	M	1		
M	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		
M	130	ITD	Terms of Sale/Deferred Terms of Sale	M	>1		
M	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		
	320	N2	Additional Name Information	O	2		
	330	N3	Address Information	O	2		
	340	N4	Geographic Location	O	>1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
M	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		

| | 490 | PID | Product/Item Description | O | 1 | | |

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
M	010	CTT	Transaction Totals	M	1		n2
M	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) 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:	
Notes:	

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

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

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:	

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*******************************************************
Sample BEG Segment
_____
BEG*00*SA*SSSS-PPPPPPP**20000320  (Non-VCD)

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

BEG*00*SA*SSSS-PPPPPPP-LLLL**20000616  (Predistro)
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Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**BEG01**	**353**	**Transaction Set Purpose Code**	**M**	**ID 2/2**

Code identifying purpose of transaction set

00	Original
06	Confirmation

This code is new with GMS for Marshall Field's & 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).

M	**BEG02**	**92**	**Purchase Order Type Code**	**M**	**ID 2/2**

Code specifying the type of Purchase Order

Pre GMS, Mervyn's vendors will continue to receive Bulk and Stand Alone (only one ship to location) Orders in the Basic Format.

BK	Blanket Order (Quantity Firm)

An order with a purchase order type code of "BK," CANNOT be released for shipment. A release order (purchase order type of "RL") must be received, before a shipment can be released for delivery.

This code is new with GMS for Target.

RL	Release or Delivery Order

An order for goods and services placed against a pre-existing contract or blanket order

This code is new with GMS for Target.

SA	Stand-alone Order

An order that is approved and allocated on the same day with one or more locations.

M	BEG03	324	**Purchase Order Number**	**M**	**AN 1/22**

Identifying number for Purchase Order assigned by the orderer/purchaser

The SDQ PO Number format is: SSSS-PPPPPPP
SSSS=Source Code
PPPPPPP=Purchase Order Number

If the SDQ order is a VCD (Vendor Cross Dock), the PO number format will be SSSS-PPPPPPP-LLLL. Where LLLL = the Ship To Location (DC).

The Predistro PO number format will be:
SSSS-PPPPPPP-LLLL. Where LLLL = the Ship To/Bill To Location (DC).

	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.

M	BEG05	373	**Date**	**M**	**DT 8/8**

Date expressed as CCYYMMDD

The date the purchase order was created in the Target Corporation 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:	

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Target Corporation will send at least two occurrences of the REF. The first occurrence
will contain a Target Corporation internal vendor number identifying the company
receiving the PO. The second occurrence will contain the Target Corporation 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
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Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			DP Department Number		
			IA Internal Vendor Number		
			This is new with GMS for Marshall Field's vendors		
			PD Promotion/Deal Number		
	REF02	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
	REF03	352	**Description**	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
			Vendor Name. This is new with GMS for Target & Marshall Field's vendors.		

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
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Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	PER01	366	**Contact Function Code**	M	**ID 2/2**
			Code identifying the major duty or responsibility of the person or group named		
			DC Delivery Contact		
	PER02	93	**Name**	O	**AN 1/60**
			Free-form name		
			Guest Name		
	PER03	365	**Communication Number Qualifier**	X	**ID 2/2**
			Code identifying the type of communication number		
			EM Electronic Mail		
			FX Facsimile		
			TE Telephone		
	PER04	364	**Communication Number**	X	**AN 1/80**
			Complete communications number including country or area code when applicable		
			Guest Contact Number		

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 Marshall Field's vendors. Sample FOB Segment _____ FOB*DF*DE*MINNEAPOLIS, MN **

Data Element Summary

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

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

Sample CSH Segment
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CSH*Y
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Data Element Summary

Ref. Des.	Data Element	Name		Attributes
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:
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This segment is new with GMS for Mervyn's vendors. Marshall Field's & 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
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SAC*N**VI*OHPR
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Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**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		
			Not used by Target Corporation		
	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:

For Marshall Field's BTK Vendors Only:
order type will be replaced as follows:
S - Vendor Warehouse In Stock will come as an order purpose code of Mutually Defined (OHZQ) in the header SAC04.
 Vendor Warehouse Next Available will come as an order purpose of Raincheck (OHRC) in the header SAC04.
F - Special Order designation as an order purpose code of Guest Request (OHSO) in the header SAC04.
P - buyers order - no special designation.

Code	Description
DS	Drop Ship
	Guest Request, Vendor to Guest
KO	Closeout Order
KT	Key Titles
NP	New Product Introduction Order
NS	New Store Order
PR	Promotional Order
RC	Raincheck Order
	For Marshall Field's BTK vendors this code is used to designate Vendor Warehouse Next Available. This order purpose code is also used for CSS backorders.
RO	Rush Order
SB	Seasonal Buildup Order
SO	Special Order
SP	Sample Order
ZQ	Vendor Warehouse

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:
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Sample ITD Segment
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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
*********************************************************
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Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	ITD01	336	**Terms Type Code** Code identifying type of payment terms	M	ID 2/2
			01 Basic		
			02 End of Month (EOM)		
			10 Instant		
			14 Previously agreed upon		
M	ITD02	333	**Terms Basis Date Code** Code identifying the beginning of the terms period	M	ID 1/2
			2 Delivery Date		
			3 Invoice Date		
	ITD03	338	**Terms Discount Percent** Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date 99.999=Discount % (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)	O	R 1/6
	ITD04	370	**Terms Discount Due Date** Date payment is due if discount is to be earned expressed in format CCYYMMDD This element is new with GMS for Marshall Field's & Mervyn's vendors.	X	DT 8/8

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

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

# of days in terms discount period

ITD06	**446**	**Terms Net Due Date**	**O**	**DT 8/8**

Date when total invoice amount becomes due expressed in format CCYYMMDD

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

ITD07	**386**	**Terms Net Days**	**O**	**N0 1/3**

Number of days until total invoice amount is due (discount not applicable)

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

# of days until total invoice amount due

ITD08	**362**	**Terms Discount Amount**	**O**	**N2 1/10**

Total amount of terms discount

Not used by Target Corporation

ITD09	**388**	**Terms Deferred Due Date**	**O**	**DT 8/8**

Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD

Not used by Target Corporation

ITD10	**389**	**Deferred Amount Due**	**X**	**N2 1/10**

Deferred amount due for payment

Not used by Target Corporation

ITD11	**342**	**Percent of Invoice Payable**	**X**	**R 1/5**

Amount of invoice payable expressed in percent

Not used by Target Corporation

ITD12	**352**	**Description**	**O**	**AN 1/80**

A free-form description to clarify the related data elements and their content

This element new with GMS for Target vendors.

The contents of the description will change with GMS for Marshall Field's & Mervyn's vendors. See segment examples.

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 Marshall Field's 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. Des.	Data Element	Name		Attributes
M	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	
	Target Corporation Promotion Start Date.	
	New with GMS for all vendors.	
037	Ship Not Before	
	Vendor should not ship product before this date	
038	Ship No Later	
	Vendor should not ship product after this date.	
	This code new with GMS for Marshall Field's vendors.	
063	Do Not Deliver After	
	Do not deliver product to Target Corporation after this date.	
	This code new with GMS for Marshall Field's & Mervyn's Vendors.	
064	Do Not Deliver Before	
	Do not deliver product to Target Corporation before this date.	
	This code new with GMS for Marshall Field's & Mervyn's vendors.	

	Ref. Des.	Data Element	Name		Attributes
	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:

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**********************************************************
This segment new with GMS for Marshall Field's vendors.

In SDQ Format this is used only for VCD orders.

Sample TD5 Segment
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TD5*B*2*OVNT*M

TD5*B*2*NEMF*C

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
Target Corporation Transportation Department.
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Data Element Summary

	Ref. <u>Des.</u>	Data Element	Name		Attributes
M	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)		
M	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		
M	TD503	67	**Identification Code**	M	AN 2/80
			Code identifying a party or other code		
			If TD502 = 2, this will be the carrier's SCAC.		
			If TD502 = 92, this will be a text message.		
	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

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:	

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**********************************************************
Sample N9 Segment
_____

N9*ZZ*TRA
**********************************************************
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Data Element Summary

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

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:

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This segment is used to transmit PO Notes & special order instructions.

This segment is also used to transmit Routing instructions for non-VCD orders for Target.

MSG Segment Examples

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PO Notes:
MSG*Special Order Instructions or PO notes will appear here

Routing Instructions for Target:

Pre GMS:
Ship via Vendor Cross Dock (VCD)
MSG*CALB0551W0552W0553W0554W
Where W = Bill to a Store and Ship to a DC

Non-VCD
MSG*CALC0551 0552 0553 0554 0555
MSG*CALB0556 0557 0558
A space between locations means the Bill To and Ship To locations are the same.

Post GMS:
Non-VCD SDQ
MSG*CALC0551 0552 0553 0554 0555
MSG*CALB0556 0557 0558
A space between locations means the Bill To and Ship To locations are the same.

For VCD orders, the Ship To location will be in an N1 segment with an "ST" qualifier.
****

Data Element Summary

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

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.

In Predsitro SDQ format, an N1 segment will be sent for all PO's. This N1 indicates the Ship To/Bill To Location.

An additional N1 for Vendor Factory will be sent when a Target Corporation owned brand item is included on the PO.

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

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

N1*BS*SHIP PREDISTRO*92*0551 (Ship To/Bill To)

N1*MF*FACTORY NAME
```
************************************************************
```

Data Element Summary

	Ref. <u>Des.</u>	Data Element	Name		Attributes
M	N101	98	**Entity Identifier Code**	M	**ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

BS	Bill and Ship To
MF	Manufacturer of Goods
ST	Ship To

Target Corporation will only send an ST N1 Segment if merchandise goes through the Target Corporation DC's Vendor Cross Dock or is shipped direct to the guest.

	Ref. Des.	Data Element	Name		Attributes
	N102	93	**Name**	X	**AN 1/60**

Free-form name
This element is new with GMS for Mervyn's vendors.
Used for VCD or Ship Direct to Guest.

	Ref. Des.	Data Element	Name		Attributes
	N103	66	**Identification Code Qualifier**	X	**ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

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

Segment: N2 Additional Name Information

Position:	320
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify additional names or those longer than 35 characters in length
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	**

This segment is used only when a Vendor Factory is sent.

Sample N2 Segment
_____
N2*MANUFACTURERS ID
****

Data Element Summary

	Ref. <u>Des.</u>	Data Element	Name		Attributes
M	N201	93	**Name**	M	AN 1/60
			Free-form name		
			This will contain the manufacturer's ID.		

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.

In SDQ Predistro format, an N3 segment will be sent and will contain the Ship To/Bill To address.

If N101 ="MF", an N3 will be sent with the factory address.

Sample N3 Segment
_____

N3*14750 MILLER AVE
```
************************************************************
```

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	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.

In SDQ Predistro format, an N4 segment will be sent and will contain the Ship To/Bill To address.

If N101 ="MF", an N4 will be sent with the factory address.

Sample N4 Segment
_____
N4*FONTANTA*CA*92336
****

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
N401	19	**City Name**	O	**AN 2/30**
		Free-form text for city name		
N402	156	**State or Province Code**	O	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency		
N403	116	**Postal Code**	O	**ID 3/15**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	26	**Country Code**	O	**ID 2/3**
		Code identifying the country		
		The use of this code is new with GMS.		

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*WE*VA*100*UP*123456789016*CB*Target Corporation DPCI

PO1*000001*124*EA*2.069*WE*VA*200*EN*01234567890123*CB*Target Corporation DPCI

PO1*000001*124*EA*2.069*WE*VA*200*UP*491234567890*CB*123456789

*DPCI = Department, Class, Item

*If one item is ordered in two different casepacks then it should be treated as two separate items.
****

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	**PO101**	350	**Assigned Identification**	M	**AN 1/20**
			Alphanumeric characters assigned for differentiation within a transaction set		
	PO102	330	**Quantity Ordered**	X	**R 1/15**
			Quantity ordered		
M	**PO103**	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 & LB are for future use.		
			CA Case		
			EA Each		

			LB	Pound		

M	PO104	212	**Unit Price**		M	R 1/17
			Price per unit of product, service, commodity, etc.			
			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.			
	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		
M	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		
				Target Corporation 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			

MARSHALL FIELD'S:
When the qualifier=CB, prior to GMS, this field will contain the Marshall Field's SKU which = 9 digit identifier.

MERVYN'S:
When the qualifier=CB, starting July 17, 2000, this will be a 9 digit DPCI. This 9 digit DPCI will replace the Mervyn's 10 digit item identifier that you will receive until that date.

TARGET:
When the qualifier=CB, Pre & Post GMS, this field will contain a 9-digit Target DPCI.

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 or a 12-digit "4 code" DPCI.

The 4 code UPC is a 12 digit number made up from the DPCI. It will have "49" on the front and a check digit at the end. You will receive this code if you are not a UPC vendor.

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
	Target Corporation 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
	Target Corporation 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
	Target Corporation 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

Ref. Des.	Data Element	Name		Attributes
CTP01	687	**Class of Trade Code**	O	ID 2/2
		Code indicating class of trade		
		RS Resale		
CTP02	236	**Price Identifier Code**	X	ID 3/3
		Code identifying pricing specification		
		RES Resale		
		Retail		
		UCP Unit cost price		
		Item List Cost (only sent with Letter of Credit)		
		This code new with GMS for Marshall Field's & Target Vendors.		
CTP03	212	**Unit Price**	X	R 1/17
		Price per unit of product, service, commodity, etc.		
CTP04	380	**Quantity**	X	R 1/15
		Numeric value of quantity		
		Not used by Target Corporation		
CTP05	C001	**Composite Unit of Measure**	X	
		To identify a composite unit of measure (See Figures Appendix for examples of use)		
		Not used by Target Corporation		
CTP06	648	**Price Multiplier Qualifier**	O	ID 3/3
		Code indicating the type of price multiplier		
		Not used by Target Corporation		
CTP07	649	**Multiplier**	X	R 1/10
		Value to be used as a multiplier to obtain a new value		
		Not used by Target Corporation		
CTP08	782	**Monetary Amount**	O	R 1/18

		Monetary amount		
		Not used by Target Corporation		
CTP09	**639**	**Basis of Unit Price Code**	**O**	**ID 2/2**
		Code identifying the type of unit price for an item		
		Not used by Target Corporation		
CTP10	**499**	**Condition Value**	**O**	**AN 1/10**
		Identifies rate restrictions or provisions		
		Not used by Target Corporation		
CTP11	**289**	**Multiple Price Quantity**	**O**	**N0 1/2**
		Quantity of units for a given price, e.g., 3 for $10.00		
		This element is new with GMS.		

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. Des.	Data Element	Name		Attributes
M	PID01	349	**Item Description Type**	M	ID 1/1

Code indicating the format of a description

F	Free-form
S	Structured (From Industry Code List)
X	Semi-structured (Code and Text)

	Ref. Des.	Data Element	Name		Attributes
	PID02	750	**Product/Process Characteristic Code**	O	ID 2/3

Code identifying the general class of a product or process characteristic

08	Product
73	Vendor color description
74	Vendor size description

	Ref. Des.	Data Element	Name		Attributes
	PID03	559	**Agency Qualifier Code**	X	ID 2/2

Code identifying the agency assigning the code values
This element new with GMS.

VI	Voluntary Inter-Industry Commerce Standard (VICS) EDI

	Ref. Des.	Data Element	Name		Attributes
	PID04	751	**Product Description Code**	X	AN 1/12

A code from an industry code list which provides specific data about a product characteristic
The use of this element is new with GMS.

PP	Prepack

	Ref. Des.	Data Element	Name		Attributes
	PID05	352	**Description**	X	AN 1/80

A free-form description to clarify the related data elements and their content

The content of the description may change with GMS.

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 Marshall Field's 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. Des.	Data Element	Name		Attributes
M	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		
			Not used by Target Corporation		
	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		

		Not used by Target Corporation		

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		
		Not used by Target Corporation		
		PCK Packed - not otherwise specified		
		71 Not Otherwise Specified		
PO405	**187**	**Weight Qualifier**	**O**	**ID 1/2**
		Code defining the type of weight		
		Not used by Target Corporation		
PO406	**384**	**Gross Weight per Pack**	**X**	**R 1/9**
		Numeric value of gross weight per pack		
		Not used by Target Corporation		
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		
		Not used by Target Corporation		
PO408	**385**	**Gross Volume per Pack**	**X**	**R 1/9**
		Numeric value of gross volume per pack		
		Not used by Target Corporation		
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		
		Not used by Target Corporation		
PO410	**82**	**Length**	**X**	**R 1/8**
		Largest horizontal dimension of an object measured when the object is in the upright position		
		Not used by Target Corporation		
PO411	**189**	**Width**	**X**	**R 1/8**
		Shorter measurement of the two horizontal dimensions measured with the object in the upright position		
		Not used by Target Corporation		
PO412	**65**	**Height**	**X**	**R 1/8**
		Vertical dimension of an object measured when the object is in the upright position		
		Not used by Target Corporation		
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		
		Not used by Target Corporation		
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 Marshall Field's & Target vendors.

Sample SAC Segments
_____

SAC*N**VI*HA

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

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	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		
			Not used by Target Corporation		
	SAC03	559	**Agency Qualifier Code**	X	ID 2/2
			Code identifying the agency assigning the code values		

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
Not used by Target Corporation

SAC06   **378**   **Allowance/Charge Percent Qualifier**   **X**   **ID 1/1**
Code indicating on what basis allowance or charge percent is calculated
Not used by Target Corporation

SAC07   **332**   **Percent**   **X**   **R 1/6**
Percent expressed as a percent
Not used by Target Corporation

SAC08   **118**   **Rate**   **O**   **R 1/9**
Rate expressed in the standard monetary denomination for the currency specified
Not used by Target Corporation

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
Not used by Target Corporation

SAC10   **380**   **Quantity**   **X**   **R 1/15**
Numeric value of quantity
Not used by Target Corporation

SAC11   **380**   **Quantity**   **O**   **R 1/15**
Numeric value of quantity
Not used by Target Corporation

SAC12   **331**   **Allowance or Charge Method of Handling Code**   **O**   **ID 2/2**
Code indicating method of handling for an allowance or charge
Not used by Target Corporation

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
This field will contain the ticketing code.

New Ticketing Codes will be sent with GMS. Please refer to the Vendor Partnership Manual.

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:

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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.

For Predistro, the location in the SDQ segment is understood to be the "Mark For" location.

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. Des.	Data Element	Name		Attributes
M	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		
M	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		
M	SDQ03	67	**Identification Code**	M	AN 2/80
			Code identifying a party or other code		

			This is a 4-digit field denoting the Target Corporation location number		

M	**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		
			This is a 4-digit field denoting the Target Corporation location number		
	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		
			This is a 4-digit field denoting the Target Corporation location number		
	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		
			This is a 4-digit field denoting the Target Corporation location number		
	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		
			This is a 4-digit field denoting the Target Corporation location number		
	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		
			This is a 4-digit field denoting the Target Corporation location number		
	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		
			This is a 4-digit field denoting the Target Corporation location number		
	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		
			This is a 4-digit field denoting the Target Corporation location number		
	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		
			This is a 4-digit field denoting the Target Corporation location number		
	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		
			This is a 4-digit field denoting the Target Corporation location number		
	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:

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*******************************************************
The SLN segment is new with GMS for Marshall Field's & Mervyn's vendors.

Sample SLN Segment
_____

SLN*1**1*2400*EA*4.52**I*CB*Target Corporation
DPCI*UP*023456789015*VA*100
SLN*1**1*2400*EA*4.52**I*CB*Target Corporation
DPCI*EN*1234567890123*VA*200
SLN*1**I*20*EA (Example for Set Components Only)
*******************************************************
```

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	SLN01	350	**Assigned Identification**	M	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set		
			Sequential counter assigned by Target Corporation		
	SLN02	350	**Assigned Identification**	O	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set		
			Not used by Target Corporation		
M	SLN03	662	**Relationship Code**	M	ID 1/1
			Code indicating the relationship between entities		
			I Included		

M	SLN04	380	**Quantity**	M	**R 1/15**

Numeric value of quantity

M	SLN05	C001	**Composite Unit of Measure**	M	

To identify a composite unit of measure (See Figures Appendix for examples of use)

M	C00101	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

	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

MARSHALL FIELD'S:
When the qualifier=CB, prior to GMS, this field will contain the Marshall Field's SKU which = up to 24 digits. With GMS, Marshall Field's will use a 9 digit identifier.

MERVYN'S:
When the qualifier=CB, starting July 17, 2000, this will be a 9 digit DPCI. This 9 digit DPCI will replace the Mervyn's 10 digit item identifier that you will receive until that date.

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

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 or a 12 digit "4 code" DPCI.

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

	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: **PID** Product/Item Description

Position:	490
Loop:	SLN 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:

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*********************************************************
This segment is new with GMS for Target vendors.

Sample PID Segment
_____
PID*F*08*VI*PP*SHIRT BLUE XL
*********************************************************
```

	Ref. Des.	Data Element	Name		Attributes
M	PID01	349	**Item Description Type**	M	**ID 1/1**

Code indicating the format of a description

F	Free-form
S	Structured (From Industry Code List)
X	Semi-structured (Code and Text)

	Ref. Des.	Data Element	Name		Attributes
	PID02	750	**Product/Process Characteristic Code**	O	**ID 2/3**

Code identifying the general class of a product or process characteristic

08	Product
73	Vendor color description
74	Vendor size description

	Ref. Des.	Data Element	Name		Attributes
	PID03	559	**Agency Qualifier Code**	X	**ID 2/2**

Code identifying the agency assigning the code values

VI	Voluntary Inter-Industry Commerce Standard (VICS) EDI

	Ref. Des.	Data Element	Name		Attributes
	PID04	751	**Product Description Code**	X	**AN 1/12**

A code from an industry code list which provides specific data about a product characteristic

PP	Prepack

	Ref. Des.	Data Element	Name		Attributes
	PID05	352	**Description**	X	**AN 1/80**

A free-form description to clarify the related data elements and their content

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

	Ref. Des.	Data Element	Name		Attributes
M	CTT01	354	**Number of Line Items**	M	N0 1/6
			Total number of line items in the transaction set		
	CTT02	347	**Hash Total**	O	R 1/10
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.		

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