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Message Implementation Guide
ANSI 850
Purchase Order

Document version 1.6

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Message Implementation Guide – ANSI 850 PO

Document Contents

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Header (functional group - PO)

TARGET/TARGET COUNTRY	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat
USE	ST	Transaction Set Header	M	1	
USE	BEG	Beginning Segment for purchase order	M	1	
NOT USED	NTE	Note/special instruction	F	100	
NOT USED	CUR	Currency	O	1	
USE	REF	Reference Numbers	O	12	
NOT USED	PER	Administrative Communications Contact	O	3	
NOT USED	FOB	F.O.B. Related Instructions	O	1	
NOT USED	SSS	Special Services	O	25	
NOT USED	CSH	Header Sale Condition	O	1	
NOT USED	ITA	Allowance, Charge or Service	O	10	
NOT USED	ITD	Terms of Sale/Deferred Terms of Sale	O	5	
USE	DTM	Date /Time reference	O	10	
USE	PKG	Marking, Packaging, Loading	O	200	
NOT USED	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
USE	N1	Name	O	1	N1/200
NOT USED	N2	Additional Name Information	O	2	
NOT USED	N3	Address Information	O	2	
NOT USED	N4	Geographical Location	O	1	

Detail (functional group – PO)

DETAIL

TARGET/TARGET COUNTRY	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat
USE	PO1	Purchase order Baseline Item Data	M	1	PO1/100000
USE	CTP	Pricing Information	O	25	
NOT USED	PID	Product/Item Description	O	1000	
NOT USED	MEA	Measurements	O	40	
USE	PO4	Item Physical Details	O	1	
NOT USED	SSS	Special Services	O	25	
NOT USED	ITA	Allowance, Charge or Service	O	10	
NOT USED	ITD	Terms of Sale/Deferred Terms of Sale	O	5	
USE	SDQ	Destination Quantity	O	500	
NOT USED	SLN	Subline Item Detail	O	1	SLN/1000

SUMMARY

TARGET/TARGET COUNTRY	Seg. ID	Name	Req. Des.	Max. Use	Loop Repeat
USE	CTT	Transaction Totals	M	1	
USE	SE	Transaction Set Trailer	M	1	

ST - transaction set header

Level:	Header	
Loop:	____	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the start of a transaction set and to assign a control number	
Comments:	**A**	The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition.

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
ST01	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set.	**M**	**ID**	**3/3**
		850 X12.1 Purchase Order			
ST02	**329**	**Transaction Set Control Number** Identifying control number assigned by the originator for a transaction set	**M**	**AN**	**4/9**
		The number is sequentially assigned, by the sender, starting with one within each functional group. For each functional group the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.			
		Inserted by Target.			

Example:	ST*850*0001

2

BEG - beginning segment for a Purchase Order

Level:	Header	
Loop:	____	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the beginning of the purchase order transaction set and transmit identifying numbers and dates.	

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
BEG01	**353**	**Transaction Set Purpose Code** Code identifying purpose of transaction set 00 Original 07 Duplicate	M	ID	2/2
BEG02	**92**	**Purchase Order Type Code** Code specifying the type of Purchase Order SA Stand Alone BL Blanket RL Release	M	ID	2/2
BEG03	**324**	**Purchase Order Number** Identifying number for Purchase Order assigned by the orderer/purchaser. Target original PO number	M	AN	1/22
BEG04	**328**	**Release Number** Number identifying a release against a Purchase Order previously placed.	O	AN	1/30
BEG05	**323**	**Purchase Order Date** Date assigned by the purchaser to Purchase Order Target original PO date.	M	DT	6/6
BEG06	**367**	Contract Number **If the first character of the Contract Number is 'Q', this will indicate that it is a Quick Response Purchase Order.**	O	AN	1/30
Example:		BEG*00*SA*00044Q910973**920521*Q910973 BEG*00*BL*00044Q910973**920521*Q910973 BEG*07*RL*00044Q910973**920521*Q910973			

REF – reference numbers

Level:	Header
Loop:	____
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying numbers
Notes:	**There must be one occurrence of this segment to specify the retailer's department, if the retailer has departments. Additional segments may be used to specify other reference numbers.**

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
REF01	**128**	**Reference Number Qualifier** Code qualifying the Reference Number	M	ID	2/2
		DP Department Number			
REF02	**127**	**Reference Number** Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	M	AN	1/30
		Inserted by Target.			

Example:	REF*DP*9100

DTM – date and time reference

Level:	Header
Loop:	_____
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax:	1 At least one of DTM02 or DTM03 must be present
Notes:	**This segment is used to specify order processing dates.**

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
DTM01	374	**Date/Time Qualifier** Code specifying type of date or time, or both date and time.	M	ID	3/3
		064 Do Not Deliver Before If the retailer allows delivery before the requested date then this is the earliest date delivery can occur			
		063 Do Not Deliver After If the order has not been delivered by this date the order is considered cancelled.			
DTM02	373	**Date** Date (YYMMDD).	C	DT	6/6

Example: DTM*064*920313
             DTM*063*920415

PKG – packaging, marking and loading

Level:	Header
Loop:	____
Usage:	Optional
Max Use:	200
Purpose:	To describe marking, packaging, loading and unloading requirements.
Syntax:	1 If PKG04 is present, then PKG03 is required.
	2 At least one of PKG04 or PKG05 must be present.
Comments:	**A** Use MEA (Measurements segment to define dimensions, tolerances weights, counts, physical restrictions, etc.
	B When PKG01 is "F", PKG04 is not used.
	C PKG01 relates only to PKG04 and PKG05.
	D Use PKG03 to indicate the organisation that uses the code list being referred to.
	E PKG04 should not be used for Industry-specific packaging description codes.

Data Element Summary

PKG01	349	**Item Description Type** Code indicating the format of a description	M	ID	1/1
		X Semi structured			
		F Free Form			
PKG02	753	**Packaging Characteristic Code** **Code specifying the packaging characteristic being described**	O	ID	1/5
		10 Shipping Packaging Labelling			
PKG03	559	**Association Qualifier Code**	C	ID	2/2
		AB Assigned by Buyer			
PKG04	754	**Packaging Description Code** **If used,** this code (assigned by Target) is associated with the following description and must appear on the carton label. Supplier systems should be able to accept any character string up to 7 characters to print as 3 characters on top and 4 characters below as per the "AD DDMM" example.	C	ID	1/7

AD DDMM - Packaging Description Code AD + Advertised Date DDMM

RC - Packaging Description Code RC

NL DDMM - Packaging Description Code NL + New Line date DDMM
<div align="center">

OR
</div>

	ZZ	No Packaging Description Code applicable			
PKG05	352	**Description**	C	AN	1/20

Where PKG 01 has the value X, A free-form description of the Target Store Zone Department. will always be sent by Target as a 10 character string and must be displayed on the carton label.

AND / OR

Where PKG 01 has the value F - A free-form description of the Target Event Type.
Will sometimes be sent by Target as a 20 character string and must be displayed on the carton label.
If there is no event type, this segment will not appear.

N1 - name segment

Level:	Header
Loop:	N1 Repeat : 200
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organisation, name and code

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
N101	**98**	**Entity Identifier Code** Code identifying an organisational entity or a physical location.	**M**	**ID**	**2/2**
		ST Ship To (Address in N104)			
N103	**66**	**Identification Code Qualifier**	**C**	**ID**	**1/2**
		92 Assigned by Buyer			
N104	**67**	**Identification Code** Code identifying a delivery point for the order	**C**	**ID**	**2/17**
		If this segment is present in a document then all products ordered must be delivered to according to the delivery instructions associated with the nominated code.			

Example:	N1*ST**92*5839~	Taras Ave DC
	N1*ST**92*DTS~	Direct to Store

PO1 – Purchase Order item data

Level:	Detail
Loop:	PO1 Repeat: 100000
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic and most frequently used purchase order line item data

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
PO101	**350**	**Assigned Identification** Reference number assigned by Target.	O	AN	1/11
PO102	**330**	**Quantity Ordered** Quantity ordered.	M	R	1/9
PO103	**355**	**Unit of Measurement Code** Code identifying the basic unit of measurement. Target uses 'EA' only.	M	ID	2/2
PO104	**212**	**Unit Price** Price per unit of product, service, commodity etc. **The price will be sent with a decimal point only when needed, eg $15.95 would be sent as "15.95", and $29.00 would be sent as "29".** **Unit price can be up to four decimal points where applicable.**	C	R	1/14
PO105	**639**	**Basis of Unit Price Code** Code identifying the type of unit price for an item. TE Contract Price per Each	O	ID	2/2
PO106	**235**	**Product / Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234). EN Aust. Product Number (2-5-5-1)	O	ID	2/2
PO107	**234**	**Product/Service ID -> 13 digit EAN Product Number** Identifying number for a product or service.	C	AN	1/30
PO108	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product / Service ID (234) CB Target Keycode	O	ID	2/2
PO109	**234**	**Product / Service ID** Identifying number for a product or service Target Keycode.	C	AN	1/30

Example: PO1*1*50*EA*1.75*TE*EN*9312345543210*CB*55555555
PO1*2*25*EA*4.20*TE*EN*9312358820194*CB*12345678

CTP – pricing information (for future use)

Level:	Detail
Loop:	PO1
Usage:	Optional
Max Use:	25
Purpose:	To specify pricing information
Syntax:	1 CO405
	If CTP04 is present, then CTP05 is required
	2 CO607
	If CTP06 is present, then CTP07 is required

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
CTP01	**687**	**Class of Trade Code** Code indicating class of trade.	O	ID	2/2
		RS Resale			
CTP02	**236**	**Price Identifier Code** Code identifying pricing specification.	O	ID	3/3
		RES Resale, Retail Price PRP Promotional Price			
CTP03	**212**	**Unit Price** Price per unit of product, service, commodity. **The price will be sent with a decimal point only when needed, eg $15.95 would be sent as "15.95", and $29.00 would be sent as "29".** **Unit price can be up to four decimal points where applicable.**	C	R	1/14

Example:	CTP*RS*RES*32.95 CTP**PRP*29

PO4 – item physical detail

Level:	Detail	
Loop:	PO1	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the physical qualities, packaging, weights and dimensions relating to the item.	
Comments:	**A** PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401)/size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356=24; Element 357=12; Element 355=OZ	
	B PO410 defines the unit of measure for PO408,PO409, and PO410.	
Notes:	**This segment is used to specify the inner pack of identical SKU's, e.g. if the total SKU's in the carton were 72, packed in 6 inner packs with 12 SKU's per inner pack, PO401 would be 6. PO402 would be 12, and PO403 would contain code EA. This may be used by the buyer to specify packaging requirements or it may be used by the seller to define item packaging variations. If a manufacturer sells the item in a specific pack, e.g. 6 to a box, then PO402 would contain 6 and PO403 would contain code EA.**	
	This segment can also be used to specify the weight and/or volume (cube) for the item by using PO406 and PO407, and/or PO408 and PO409.	

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
PO401	**356**	**Pack** Number of inner pack units per out pack unit (Not used by Target)	O	N0	1/6
PO402	**357**	**Size** Size of supplier units in pack **This will be the quantity of SKU's within the inner pack, or the number of SKU's in the pack if there are no inner packs used.**	O	R	1/8
PO403	**355**	**Unit of Measurement Code** Code identifying the basic unit of measurement.	C	ID	2/2

Example:	PO4**12*EA (Items packed 12 EA to a box)

SDQ – destination quantity

Level:	Detail
Loop:	PO1
Usage:	Optional
Max Use:	500
Purpose:	To specify destination and quantity detail
Notes:	**This segment is used to distribute the line item quantity to various locations. SDQ02 serves the same purpose as N103, and all occurrences of data element number 67, in this segment, function as N104. The SDQ segment functions as the N1 and N101 equal to BY, that is, the SDQ specifies various buying locations. The N1, in the basic order specifies only one location. The sum of all quantities in all SDQs, for a line item, must equal the quantity in the line item, (PO1).**

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
SDQ01	**355**	**Unit of Measurement Code** Code identifying the basic unit of measurement. Target use 'EA' only.	M	ID	2/2
SDQ02	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67). 92 Assigned by Buyer	O	ID	1/2
SDQ03	**67**	**Identification Code** Code identifying a store	M	ID	2/17
SDQ04	**380**	**Quantity** Numeric value of quantity	M	R	1/15
SDQ05	**67**	**Identification Code** Code identifying a store	O	ID	2/17
SDQ06	**380**	**Quantity** Numeric value of quantity	C	R	1/15
SDQ07	**67**	**Identification code** Code identifying a store	O	ID	2/17
SDQ08	**380**	**Quantity** Numeric value of quantity	C	R	1/15

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SDQ – destination quantity continued

SDQ09	**67**	**Identification Code** Code identifying a store	O	ID	2/17
SDQ10	**380**	**Quantity** Numeric value of quantity	C	R	1/15
SDQ11	**67**	**Identification Code** Code identifying a store	O	ID	2/17
SDQ12	**380**	**Quantity** Numeric value of quantity	C	R	1/15
SDQ13	**67**	**Identification Code** Code identifying a store	O	ID	2/17
SDQ14	**380**	**Quantity** Numeric value of quantity	C	R	1/15
SDQ15	**67**	**Identification Code** Code identifying a store	O	ID	2/17
SDQ16	**380**	**Quantity** Numeric value of quantity	C	R	1/15
SDQ17	**67**	**Identification Code** Code identifying a store	O	ID	2/17
SDQ18	**380**	**Quantity** Numeric value of quantity	C	R	1/15
SDQ19	**67**	**Identification Code** Code identifying a store	O	ID	2/17
SDQ20	**380**	**Quantity** Numeric value of quantity	C	R	1/15
SDQ21	**67**	**Identification Code** Code identifying a store	O	ID	2/17
SDQ22	**380**	**Quantity** Numeric value of quantity	C	R	1/15

Example: SDQ*EA*92*5001*12*5004*10
             ie DELIVER 12 ITEMS TO STORE 5001 AND 10 ITEMS TO STORE 5004

CTT – transaction total

Level:	Summary
Loop:	____
Usage:	Mandatory
Max Use:	1
Purpose:	To transmit a hash total for a specific element in the transaction set
Comments:	**A** This segment is intended to provide hash totals to validate transaction completeness and correctness

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES
CTT01	**354**	**Number of Line Items** Total number of line items in the transaction set. **The number of PO1 segments present in the transaction.**	**M N0 1/6**

Example:	CTT*2 ie 2 PO1 SEGMENTS

SE – transaction set trailer

Level:	Summary
Loop:	____
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).
Comments:	**A** SE is the last segment of each transaction set

Data Element Summary

REF. DES.	DATA ELEMENT	NAME	ATTRIBUTES		
SE01	**96**	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments.	**M**	**N0**	**1/6**
SE02	**329**	**Transaction Set Control Number** Identifying control number assigned by the originator for a transaction set. **This must be the same number as in the ST segment (ST02) for the transaction set.**	**M**	**AN**	**4/9**

Example: SE*16*0001

Event type business examples

With an Event Description:
BEG*00*SA*1012345**100623~
REF*DP*855~
DTM*064*100802~
DTM*063*100806~
PKG*X*10*AB*NL 1203*GIRLS TOYS~
PKG*F*10*AB**NEW DESIGN PASTELS~
N1*ST**92*5839~
PO1*1*1401*EA*41.36*TE*EN*9341321001972*CB*47632455~
PO4**3*EA~

OR

A Rain check event description with no date:
BEG*00*SA*1012345**100623~
REF*DP*855~
DTM*064*100802~
DTM*063*100806~
PKG*X*10*AB*RC*GIRLS TOYS~
PKG*F*10*AB**RAIN CHECK~
N1*ST**92*5839~
PO1*1*1401*EA*41.36*TE*EN*9341321001972*CB*47632455~
PO4**3*EA~

OR

A label with no event or advert description:
BEG*00*SA*1012345**100623~
REF*DP*855~
DTM*064*100802~
DTM*063*100806~
PKG*X*10*AB*ZZ*GIRLS TOYS~
N1*ST**92*5839~
PO1*1*1401*EA*41.36*TE*EN*9341321001972*CB*47632455~
PO4**3*EA~

New Line Example:

PKG*X*10*AB*NL 1203*GIRLS TOYS~
PKG*F*10*AB**NEW DESIGN PASTELS~

Include "**NL 1203**" (New Line Date 12 March) indicator, "**GIRLS TOYS**" as the Store Department Description and "**NEW DESIGN PATELS**" on the carton label as the event description.

Advertised Example:

PKG*X*10*AB*AD 1203*GIRLS TOYS~
PKG*F*10*AB**TOY SALE~

Include "**AD 1203**" (Advertised Date 12 March) indicator, "**GIRLS TOYS**" as the Store Department Description and "**TOY SALE**" on the carton label as the event description.

Rain check Example:

PKG*X*10*AB*RC*GIRLS TOYS~
PKG*F*10*AB**RAIN CHECK~

Include "**RC**" (Rain check) indicator, "**GIRLS TOYS**" as the Store Department Description and "**RAINCHECK**" on the carton label as the event description.

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Standard Example:

PKG*X*10*AB*ZZ*GIRLS TOYS~

Include "**GIRLS TOYS**" as the Store Department Description

```
CARRIER OWN TRANSPORT
Con No    972048

FROM A SUPPLIER
Melbourne    3000

TO Target DC 5839          FOR Target 5001
30-68 TARAS AVENUE         Westfield Bay City
Altona North    3025       Cnr. Brougham & Moorabool
                           Geelong         3220

SSCC
(00) 393174540000031644              PO 1012345

           GIRLS TOYS

        (421) 0363025   (90) 5001

        (00) 393174540000031644
```

Please note that the item description (Conditional on the carton containing only one product) should no longer be used as this space on the label should now be reserved only for the event description.
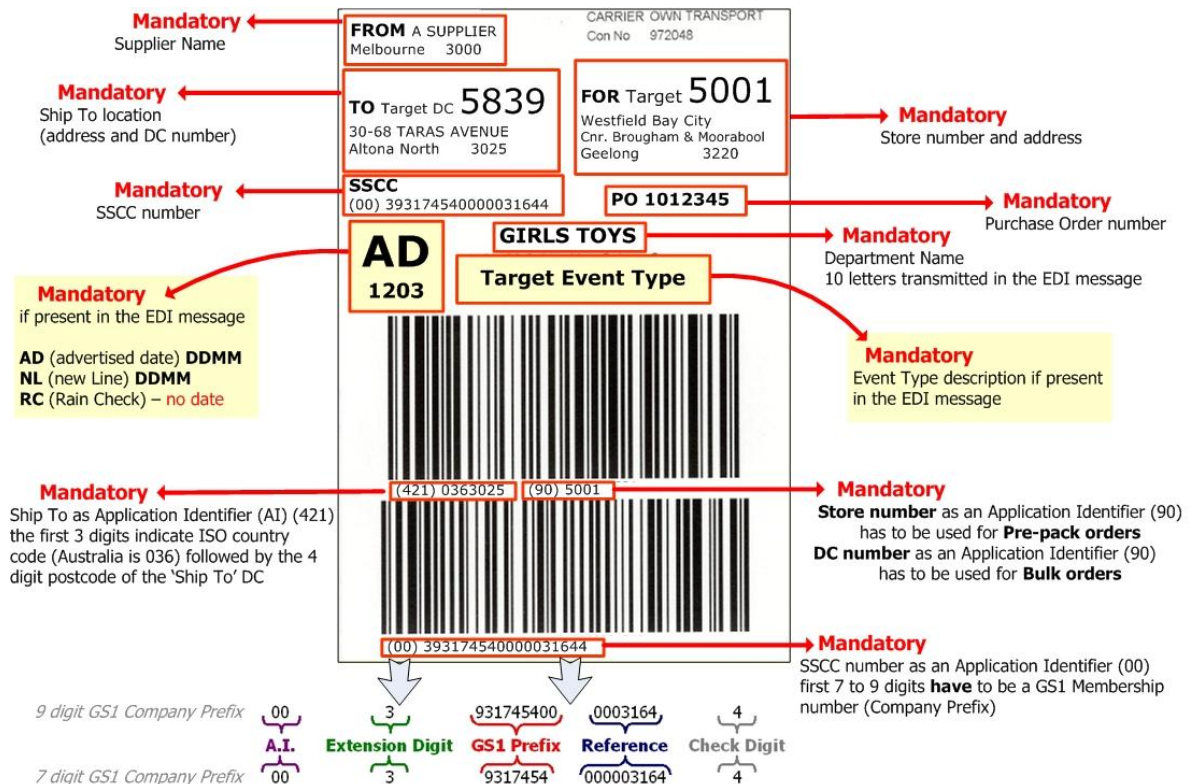
Header Information

ISA Interchange Control Header

ISA*00*   *00*   *ZZ*9319986009992 *ZZ*9313938000532 *100107*1806*U*00200*000014598*0*P*>

ISA01 Authorization Information Qualifier	ISA09 Interchange Date
ISA02 Authorization Information	ISA10 Interchange Time
ISA03 Security Information Qualifier	ISA11 Interchange Control Standards ID
ISA04 Security Information	ISA12 Interchange Control Version Number
ISA05 Interchange ID Qualifier	ISA13 Interchange Control Number
ISA06 Interchange Sender ID	ISA14 Acknowledgement Requested
ISA07 Interchange ID Qualifier	ISA15 Test Indicator
ISA08 Interchange Receiver ID	ISA16 Subelement Separator

GS Function Group Header

GS*SH*931998600999*931393800053*100107*1806*14598*X*003020

GS01 Functional ID code	GS05 Time
GS02 Application Sender's Code	GS06 Group Control Number
GS03 Application Receiver's Code	GS07 Responsible Agency Code
GS04 Date	GS08 Version/Rel. Ind. ID Code

ST Transaction Set Header

ST*85X*0001   ST01 Transaction set ID code
ST02 Transaction set control number

EDI Document

Actual EDI document (PO, ASN) goes here

Trailer Information

SE Transaction Set Trailer

SE*882*0001   SE01 Number of included segments
SE02 Transaction set control number (same as ST02)

GE Function Group Trailer

GE*1*14598   GE01 Number of Transaction Sets Included in this Function Group
GE02 Group Control Number (same as GS06)

IEA Interchange Control Trailer

IEA*1*000014598 IEA01 Number of Included Functional Groups
IEA02 Interchange Control Number (same as ISA13)

BLanket Order - do not pack

BEG*00*BL*1000683**091015~ Begin Segment * *Original transmission* * *Blanket order* * PO number * Date PO was raised YYMMDD

00 - original   *BL - BLanket order - do not pack*
01 - cancelled   *RL - ReLease order*
07 - duplicate   *SA - Stand Alone order*

REF*DP*275~ Reference * DePartment * Department Number
DTM*064*100125~ Date Time * Not Before Date * YYMMDD
DTM*063*100129~ Date Time * Not After Date * YYMMDD
PKG*X*10*AB*ZZ*HOT OPTION~ Packaging * Semi Stuctured * Shipping Packaging * Assigned by Buyer * *ZZ* * *Department Name*

No packaging description available - ZZ   (10 character string)
Advertised Date in format DDMM - AD
New Line only - NL

N1*ST**92*6897~ Name 1 * Ship To location * * Assigned by Buyer * Delivery DC number (or DTS)

PO1*1*50*EA*11.715*TE*EN*9342024835482*CB*46447616~
Purchase Order Item 1 * Reference number * QTY ordered * Each * Contract Price * EAN (APN) * Product GTIN * Target Keycode * Keycode
PO4**0*EA~
Purchase Order Item 4 * * Product inner quantity * Each
This is the number of APNs within the inner pack, or if no inners are used, the number of APNs in the pack

PO1*2*75*EA*11.715*TE*EN*9342024835499*CB*46447623~
PO4**0*EA~
PO1*3*50*EA*11.715*TE*EN*9342024835505*CB*46447630~   **PO 1 and PO 4 segments repeated**
PO4**0*EA~
PO1*4*25*EA*11.715*TE*EN*9342024835512*CB*46447647~
PO4**0*EA~

CTT*4~ Count Transaction Totals * 4 PO1 segments in this PO

ReLease order - ready to pack

BEG*07*RL*1000683**091015~ Begin Segment * *Duplicate transmission* * *ReLease order* * PO number * Date PO was raised YYMMDD

00 - original   *BL - BLanket order - do not pack*
01 - cancelled   *RL - ReLease order*
07 - duplicate   *SA - Stand Alone order*

REF*DP*275~ Reference * DePartment * Department Number
DTM*064*100125~ Date Time * Not Before Date * YYMMDD
DTM*063*100129~ Date Time * Not After Date * YYMMDD
PKG*X*10*AB*ZZ*HOT OPTION~ Packaging * Semi Stuctured * Shipping Packaging * Assigned by Buyer * *ZZ* * *Department Name*

No packaging description available - ZZ
Advertised Date in format DDMM - AD
New Line only - NL

N1*ST**92*6897~ Name 1 * Ship To location * * Assigned by Buyer * Delivery DC number (or DTS)

PO1*1*50*EA*11.715*TE*EN*9342024835482*CB*46447616~
Purchase Order Item 1 * Reference number * QTY ordered * Each * Contract Price * EAN (APN) * Product GTIN * Target Keycode * Keycode
PO4**0*EA~
Purchase Order Item 4 * * Product inner quantity * Each
This is the number of APNs within the inner pack, or if no inners are used, the number of APNs in the pack
SDQ*EA*92*6086*2*6092*2*6235*4*6305*2*6347*2*6362*2~
Segment Destination Quantity * EAch * Assigned by Buyer * *Store number* * *number of units of above APN (GTIN)*
Store number and number of units of above APN can be repeated many times on one line
SDQ*EA*92*6488*2*6499*2*6555*4*6561*2*6568*2*6570*2~
SDQ*EA*92*6590*2*6538*2*6595*2~

PO1*2*75*EA*11.715*TE*EN*9342024835499*CB*46447623~
PO4**0*EA~
SDQ*EA*92*6086*3*6092*3*6235*6*6305*3*6347*3*6362*3~
SDQ*EA*92*6488*3*6499*3*6555*6*6561*3*6568*3*6570*3~
SDQ*EA*92*6590*3*6538*3*6595*3~
PO1*3*50*EA*11.715*TE*EN*9342024835505*CB*46447630~
PO4**0*EA~   **PO 1, PO 4 and SDQ**
     segments repeated
SDQ*EA*92*6086*2*6092*2*6235*4*6305*2*6347*2*6362*2~
SDQ*EA*92*6488*2*6499*2*6555*4*6561*2*6568*2*6570*2~
SDQ*EA*92*6590*2*6538*2*6595*2~
PO1*4*25*EA*11.715*TE*EN*9342024835512*CB*46447647~
PO4**0*EA~
SDQ*EA*92*6086*1*6092*1*6235*2*6305*1*6347*1*6362*1~
SDQ*EA*92*6590*1*6538*1*6595*1~

CTT*4~ Count Transaction Totals * 4 PO1 segments in this PO

Stand Alone order - ready to pack

BEG*00*SA*1033758**091011~

Begin Segment * *Original transmission* * *Stand Alone order* * PO number * Date PO was raised YYMMDD

        00 - original   *BL - BLanket order - do not pack*

        01 - cancelled   *RL - ReLease order*

        07 - duplicate   *SA - Stand Alone order*

REF*DP*395~   Reference * DePartment * Department Number

DTM*064*091001~   Date Time * Not Before Date * YYMMDD

DTM*063*091008~   Date Time * Not After Date * YYMMDD

PKG*X*10*AB*AD 2201*BABY ESSEN~

Packaging * Semi Stuctured * Shipping Packaging * Assigned by Buyer * *AD* * *Department Name*

        No packaging description available - ZZ   *(10 character string)*

        Advertised Date in format DDMM - AD

        New Line only - NL

N1*ST**92*5839~   Name 1 * Ship To location * * Assigned by Buyer * Delivery DC number (or DTS)

PO1*1*60*EA*1.8337*TE*EN*9326432002322*CB*38171505~

    Purchase Order Item 1 * Reference number * QTY ordered * Each * Contract Price * EAN (APN) * Product GTIN * Target Keycode * Keycode

PO4**6*EA~

    Purchase Order Item 4 * * Pack size 6 * Each

    This is the number of APNs within the inner pack, or if no inners are used, the number of APNs in the pack

SDQ*EA*92*5001*6*5100*12*5990*42~

    Segment Destination Quantity * EAch * Assigned by Buyer * ***Store number*** * ***number of units of above APN (GTIN)***

    Store number and number of units of above APN can be repeated many times on one line

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PO1*2*24*EA*1.1*TE*EN*9342024659217*CB*46212139~

PO4**1*EA~

SDQ*EA*92*5001*4*5100*4*5990*16~

PO1*3*24*EA*1.1*TE*EN*9342024659224*CB*46212146~

PO4**1*EA~   **PO 1, PO 4 and SDQ**

SDQ*EA*92*5001*4*5100*4*5990*16~   **segments repeated**

PO1*4*24*EA*1.1*TE*EN*9342024659231*CB*46212153~

PO4**1*EA~

SDQ*EA*92*5001*4*5100*4*5990*16~

CTT*4~   Count Transaction Totals * 4 PO1 segments in this PO