

Hewlett Packard Enterprise EDI Implementation Guide

X12/V7050/856 : 856 Ship Notice/Manifest

Version: 7.2 Final

Company:	Hewlett Packard Enterprise
Publication:	5/8/2023
Trading Partner:	HPE Internal and Authorized Partner and Customer Use Only

Notes

INTRODUCTION

This document provides you—a Hewlett Packard Enterprise (HPE) customer and partner, the details to support the EDI integration details. This guide replaces all previous ANSI Implementation Guide versions.

The HPE EDI platform supports the EDI Message Standard, which enables you to send and receive inbound and outbound EDI signals with HPE. Our goal is to simplify and standardize EDI transactions making it easier to do business with HPE.

Please read through the entire document to determine what changes might be needed for your particular situation. If you have questions, please reach out to your HPE Partner Account Operations Manager (PAOM), HPE Customer Account Operations Manager (CAOM) or EDI specialist.

This implementation Guide includes references to the Subscription and Consumption program. We have noted which fields would be aligned to the required information for submitting Subscription and Consumption orders, along with the standard Purchase order submission.

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856 Ship Notice/Manifest

Functional Group=SH

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
	ISA	Interchange Control Header	M	1		
	GS	Functional Group Header	M	1		

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
0100	ST	Transaction Set Header	M	1		
0200	BSN	Beginning Segment for Ship Notice	M	1		
0400	DTM	Date/Time Reference	O	10		

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
LOOP ID - HL					200000	C2/0100L
0100	HL	Hierarchical Level(Shipment)	M	1		C2/0100
0900	PWK	Paperwork	O	25		
1000	PKG	Marking, Packaging, Loading	O	25		
1100	TD1	Carrier Details (Quantity and Weight)	O	20		
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
1400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
1500	REF	Reference Information	O	>1		
2100	FOB	F.O.B. Related Instructions	O	1		
LOOP ID - N1					200	
2200	N1	Party Identification	O	1		
2300	N2	Additional Name Information	O	2		
2400	N3	Party Location	O	2		
2500	N4	Geographic Location	O	1		
2700	PER	Administrative Communications Contact	O	3		
LOOP ID - HL					200000	C2/0100L
0100	HL	Hierarchical Level(Order Level)	M	1		C2/0100
0500	PRF	Purchase Order Reference	O	1		
LOOP ID - HL					200000	C2/0100L
0100	HL	Hierarchical Level(Pack Level)	M	1		C2/0100
1500	REF	Reference Information	O	>1		
1900	MAN	Marks and Numbers Information	O	>1		

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
LOOP ID - HL					200000	C2/0100L
0100	HL	Hierarchical Level(Item Level)	M	1		C2/0100
0200	LIN	Item Identification	O	1		
0300	SN1	Item Detail (Shipment)	O	1		
0400	SLN	Subline Item Detail	O	1000		
0600	PO4	Item Physical Details	O	1		
0700	PID	Product/Item Description	O	200		
0900	PWK	Paperwork	O	25		
1100	TD1	Carrier Details (Quantity and Weight)	O	20		
1500	REF	Reference Information	O	>1		
2000	DTM	Date/Time Reference	O	10		
LOOP ID - AMT					5	N2/3900L
3900	AMT	Monetary Amount Information	O	1		N2/3900

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
0100	CTT	Transaction Totals	O	1		N3/0100
0200	SE	Transaction Set Trailer	M	1		

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
	GE	Functional Group Trailer	M	1		
	IEA	Interchange Control Trailer	M	1		

Notes:

- 2/3900L The AMT loop is used with the Shipment or Order levels, as identified by BSN05. The AMT loop does not replace the use of an Invoice document between the trade parties.
The AMT loop is used to convey monetary amount information pertaining to a shipment or order. The only AMT01 codes that may be used are SM1-Insurance Value, SM2-Declared Value, SM3-Shipment Value, SM4-Pay on Delivery, and SM5-Landed Cost Value.
- 2/3900 The AMT loop is used with the Shipment or Order levels, as identified by BSN05. The AMT loop does not replace the use of an Invoice document between the trade parties.
The AMT loop is used to convey monetary amount information pertaining to a shipment or order. The only AMT01 codes that may be used are SM1-Insurance Value, SM2-Declared Value, SM3-Shipment Value, SM4-Pay on Delivery, and SM5-Landed Cost Value.
- 3/0100 Number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of units shipped (SN102) for each SN1 segment.

Comments:

- 2/0100L The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.
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ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must use
Description: Code identifying the type of information in the Authorization Information						
ISA02	I02	Authorization Information	M	AN	10/10	Must use
Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)						
ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use
Description: Code identifying the type of information in the Security Information						
ISA04	I04	Security Information	M	AN	10/10	Must use
Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)						
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use
Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified						
Code List Summary (Total Codes: 41, Included: 1)						
<u>Code</u> <u>Name</u>						
14 Duns Plus Suffix						
HPE USAGE:						
14 <----- HPE Qualifier						
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use
Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element						
HPE USAGE:						
HPE's Identification: 079834910NGEN <-----HPE ID						
Example: ISA*00* *00* *01*079834910NGEN *14*938178965 *191016*0345*U*00705*000000363*0*P*~						
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use
Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified						
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use
Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them						
HPE USAGE:						
Example Partner ISA: 938178965						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		ISA*00* *00* *14*079834910NGEN *01*938178965 *191016*0345*U*00705*000000363*0*P*~				
ISA09	I08	Interchange Date	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	Interchange Time	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I65	Repetition Separator	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				
ISA12	I11	Interchange Control Version Number Code	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments				
		Code List Summary (Total Codes: 36, Included: 1)				
		Code	Name			
		00705	Standards Approved for Publication by ASC X12 Procedures Review Board through December 2017			
ISA13	I12	Interchange Control Number	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	Acknowledgment Requested Code	M	ID	1/1	Must use
		Description: Code indicating sender's request for an interchange acknowledgment				
ISA15	I14	Interchange Usage Indicator Code	M	ID	1/1	Must use
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information				
ISA16	I15	Component Element Separator	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	Functional Identifier Code	M	ID	2/2	Must use

Description: Code identifying a group of application related transaction sets

Code List Summary (Total Codes: 262, Included: 1)

Code Name

SH Ship Notice/Manifest (856)

GS02	142	Application Sender's Code	M	AN	2/15	Must use
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Description: Code identifying party sending transmission; codes agreed to by trading partners

HPE USAGE:

079834910NGEN <-----**HPE ID**

Example:

GS*SH*079834910NGEN*938178965*20191016*1120*123*X*007050~

GS03	124	Application Receiver's Code	M	AN	2/15	Must use
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Description: Code identifying party receiving transmission; codes agreed to by trading partners

GS04	373	Date	M	DT	8/8	Must use
------	-----	-------------	---	----	-----	----------

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

GS05	337	Time	M	TM	4/8	Must use
------	-----	-------------	---	----	-----	----------

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

GS06	28	Group Control Number	M	N0	1/9	Must use
------	----	-----------------------------	---	----	-----	----------

Description: Assigned number originated and maintained by the sender

GS07	455	Responsible Agency Code	M	ID	1/2	Must use
------	-----	--------------------------------	---	----	-----	----------

Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

Code List Summary (Total Codes: 2, Included: 1)

Code Name

X Accredited Standards Committee X12

GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use
------	-----	---	---	----	------	----------

Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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formats are allowed

Code List Summary (Total Codes: 98, Included: 1)

<u>Code</u>	<u>Name</u>
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007050	Standards Approved for Publication by ASC X12 Procedures Review Board through December 2017
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ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use
		Description: Code identifying a Transaction Set				
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

BSN Beginning Segment for Ship Notice

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BSN01	353	Transaction Set Purpose Code	M	ID	2/2	Must use
Description: Code identifying purpose of transaction set						
Code List Summary (Total Codes: 76, Included: 1)						
Code Name						
14 Advance Notification						
BSN02	396	Shipment Identification	M	AN	2/30	Must use
Description: A unique control number assigned by the original shipper to identify a specific shipment						
HPE USAGE:						
HPE Delivery Number						
BSN03	373	Date	M	DT	8/8	Must use
Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						
BSN04	337	Time	M	TM	4/8	Must use
Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)						
BSN05	1005	Hierarchical Structure Code	O	ID	4/4	Used
Description: Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set						
Code List Summary (Total Codes: 83, Included: 1)						
Code Name						
0001 Shipment, Order, Packaging, Item						

DTM Date/Time Reference

Pos: 0400	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

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

Code List Summary (Total Codes: 1332, Included: 1)

Code Name

011 Shipped

HPE USAGE:

Actual Ship Date

DTM02	373	Date	X	DT	8/8	Used
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Loop Hierarchical Level (Shipment)

Pos: 0100	Repeat: 200000
Mandatory	
Loop: HL	Elements: N/A

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>
0100	HL	Hierarchical Level(Shipment)	M	1	
0900	PWK	Paperwork	O	25	
1000	PKG	Marking, Packaging, Loading	O	25	
1100	TD1	Carrier Details (Quantity and Weight)	O	20	
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
1400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
1500	REF	Reference Information	O	>1	
2100	FOB	F.O.B. Related Instructions	O	1	
2200		Loop N1	O		200

HL Hierarchical Level(Shipment)

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
		Description: Code specifying the characteristic of a level in a hierarchical structure				
		Code List Summary (Total Codes: 251, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		S	Shipment			
HL04	736	Hierarchical Child Code	O	ID	1/1	Used
		Description: Code indicating if there are hierarchical child data segments subordinate to the level being described				
		Code List Summary (Total Codes: 2, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		1	Additional Subordinate HL Data Segment in This Hierarchical Structure.			

PWK Paperwork

Pos: 0900	Max: 25
Detail - Optional	
Loop: HL	Elements: 3

Purpose: To identify the type or transmission or both of paperwork or supporting information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PWK01	755	Report Type Code	M	ID	2/2	Must use

Description: Code indicating the title or contents of a document, report or supporting item

Code List Summary (Total Codes: 570, Included: 2)

Code Name

MF Manufacturing Specification

Description:

Instructions and or recipes to be followed in the manufacture of a product, or component of a product

SM Shipping Manifests

HPE USAGE:

Delivery Instruction

For China USE ONLY - will reflect the delivery instruction of shipment

PWK04	98	Entity Identifier Code	O	ID	2/3	Used
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Description: Code identifying an organizational entity, a physical location, property or an individual

Code List Summary (Total Codes: 1538, Included: 1)

Code Name

M9 Manufacturing

HPE USAGE:

Manufacturing Instructions

Product Set up instructions.

PWK07	352	Description	O	AN	1/80	Used
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Description: A free-form description to clarify the related data elements and their content

HPE USAGE:

Examples: On packaging, In manual, Online link.

PKG Marking, Packaging, Loading

Pos: 1000	Max: 25
Detail - Optional	
Loop: HL	Elements: 3

Purpose: To describe marking, packaging, loading, and unloading requirements

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PKG01	349	Item Description Type Code	X	ID	1/1	Used

Description: Code indicating the format of a description

Code List Summary (Total Codes: 4, Included: 1)

Code Name

F Free-form

PKG02	753	Packaging Characteristic Code	O	ID	1/5	Used
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Description: Code specifying the marking, packaging, loading and related characteristics being described

Code List Summary (Total Codes: 49, Included: 2)

Code Name

10 Shipping Package Labeling

HPE USAGE:

Pack/Ship Instructions

This will be placed on the shipping/ delivery document, which the supply chain team will use to process the shipment.

36 Package Specifications

HPE USAGE:

Packing List Comments

Any additional information that is requested to be visible on the packing list.

PKG05	352	Description	X	AN	1/80	Used
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Description: A free-form description to clarify the related data elements and their content

TD1 Carrier Details (Quantity and Weight)

Pos: 1100	Max: 20
Detail - Optional	
Loop: HL	Elements: 7

Purpose: To specify the transportation details relative to commodity, weight, and quantity

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD101	103	Packaging Code	O	AN	3/5	Used

Description: 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

Code List Summary - Part 1/2 (Total Codes: 163, Included: 2)

Code Name

BOX Box

CTN Carton

Code List Summary - Part 2/2 (Total Codes: 67, Included: 1)

Code Name

90 Standard

TD102	80	Lading Quantity	X	N0	1/7	Used
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Description: Number of units (pieces) of the lading commodity

HPE USAGE:

Total Number of Boxes

For China USE ONLY - will reflect the total number of boxes of shipment.

TD102 used when TD101 = "BOX"

TD106	187	Weight Qualifier	O	ID	1/2	Used
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Description: Code specifying the type of weight

Code List Summary (Total Codes: 54, Included: 1)

Code Name

G Gross Weight

TD107	81	Weight	X	R	1/10	Used
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Description: Numeric value of weight

HPE USAGE:

Total Gross Weight

TD108	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
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Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code List Summary (Total Codes: 919, Included: 2)

Code Name

KG Kilogram

LB Pound

TD109	183	Volume	X	R	1/8	Used
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Description: Value of volumetric measure

HPE USAGE:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Total Volume For China USE ONLY - will reflect the total volume of shipment				
TD110	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Code List Summary (Total Codes: 919, Included: 1) Code Name CR Cubic Meter	X	ID	2/2	Used

HPE USAGE:

This segment will be suppressed for intangible products (shipped without hardware).

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 1200	Max: 12
Detail - Optional	
Loop: HL	Elements: 7

Purpose: To specify the carrier and sequence of routing and provide transit time information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD501	133	Routing Sequence Code	O	ID	1/2	Used
<p>Description: Code specifying the relationship of a carrier to a specific shipment movement</p> <p>Code List Summary (Total Codes: 24, Included: 2)</p> <p>Code Name</p> <p>O Origin Carrier (Air, Motor, or Ocean)</p> <p>Z Mutually Defined</p>						
TD502	66	Identification Code Qualifier	X	ID	1/2	Used
<p>Description: Code specifying the system/method of code structure used for Identification Code (67)</p> <p>Code List Summary (Total Codes: 258, Included: 1)</p> <p>Code Name</p> <p>2 Standard Carrier Alpha Code (SCAC)</p>						
TD503	67	Identification Code	X	AN	2/80	Used
<p>Description: Code identifying a party or other code</p> <p>HPE USAGE: SCAC Code</p>						
TD504	91	Transportation Method/Type Code	X	ID	1/2	Used
<p>Description: Code specifying the method or type of transportation for the shipment</p> <p>HPE USAGE: Mode of Transport China use only - will reflect the mode of transport of shipment</p>						
TD505	387	Routing	X	AN	1/35	Used
<p>Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity</p> <p>HPE USAGE: Carrier Name</p>						
TD507	309	Location Qualifier	O	ID	1/2	Used
<p>Description: Code identifying type of location</p> <p>Code List Summary (Total Codes: 184, Included: 1)</p> <p>Code Name</p> <p>PD Place of Delivery</p>						
TD508	310	Location Identifier	X	AN	1/30	Used
<p>Description: Code which identifies a specific location</p> <p>HPE USAGE:</p>						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Place of Dispatch				

HPE USAGE:

For intangible shipment (no Hardware); only TD501 and TD504 elements will be sent with "Z" and "ZZ", respectively

TD4 Carrier Details (Special Handling, or Hazardous Materials, or Both)

Pos: 1400	Max: 5
Detail - Optional	
Loop: HL	Elements: 2

Purpose: To specify transportation special handling requirements, or hazardous materials information, or both

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD401	152	Special Handling Code	X	ID	2/3	Used

Description: Code specifying special transportation handling instructions

Code List Summary (Total Codes: 589, Included: 3)

Code Name

TS Transit Shipment

HPE USAGE:

Do Not Preship

Pre-Shipment Indicator (Yes/No)

For Orders where pre-shipment is allowed, "Yes" is sent in TD404

For Orders where pre-shipment is not allowed "No" is sent in TD404

This will be defaulted to "No" unless indicated otherwise.

OPT Partial Shipment

HPE USAGE:

Below Partial Line item

This indicator will help in determining the behaviour of the schedule lines, if it has to be multiple schedule lines or not.

OTS Total Shipment

HPE USAGE:

Ship complete flag

For China USE ONLY - will reflect the ship complete flag of shipment

TD404	352	Description	X	AN	1/80	Used
-------	-----	-------------	---	----	------	------

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

REF Reference Information

Pos: 1500	Max: >1
Detail - Optional	
Loop: HL	Elements: 2

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code identifying the Reference Identification

Code List Summary (Total Codes: 1881, Included: 13)

Code Name

23 Client Number

HPE USAGE:

Sold-To

For China USE ONLY

Name and address of the China customer Sold-to, to be used for compliance purposes.

2F Consolidated Invoice Number

HPE USAGE:

Consolidated Invoice

Multiple sales orders and combining the billing into one invoice instead of multiple invoices in order to consolidate.

2I Tracking Number

HPE USAGE:

Carrier Tracking/Delivery Number

8X Transaction Category or Type

HPE USAGE:

Order type

For China USE ONLY.

Order type. Specific to customer validation.

9V Payment Category

HPE USAGE:

Payment Term

Key for defining payment terms composed of cash discount percentages and payment periods.

BM Bill of Lading Number

HPE USAGE:

Bill of Lading

Represents the Bill of lading shipping with the product (this is different than the shipment tracking number).

Examples:

Delivery information:

BOL: 833473291, Tracking #: EC54871467

Code Name

EU End User's Purchase Order Number

HPE USAGE:

End Customer PO Number

For China USE ONLY - will reflect the China end customer po number of shipment

KK Delivery Reference

HPE USAGE:

Delivery Preference <----- **NEW FIELD**

For orders with AAS and HW, the below delivery options are available with option #5 as the default with Partial Delivery last HW Ship. By making a different selection, you are indicating to hold the as a Service product based on that selection.

VALUES	DESCRIPTION
1	Partial Delivery Opt Out HW Ship
2	Complete Delivery Opt Out HW Ship
3	Complete Delivery Full HW Ship
4	Partial Delivery First HW Ship
5	Partial Delivery Last HW Ship (default)
6	Partial BTL Opt Out HW Ship
7	Partial BTL Last HW Ship
8	Partial BTL First HW Ship

PD Promotion/Deal Number

HPE USAGE:

Deal ID

Provide the full deal id which may include a version identifier.

Example: 1100000050 TEN digit Alpha Numeric field

Q1 Quote Number

HPE USAGE:

NGQ/DQM Quote Number

NGQ/DQM quote number and version. This is captured from the inbound orders.

RB Rate code number

HPE USAGE:

Run Rate Indicator

For China USE ONLY. Enter "BD" or "RR" value for Supply Chain/logistics instruction for shipping box indicator.

RR indicates HPE logo boxes only.

BD Indicates HPE logo and industry specific model boxes.

If blank, will default to HPE standard shipping boxes.

Code Name

ZH Carrier Assigned Reference Number

HPE USAGE:

Carrier code

For China USE ONLY.

Carrier code. Assigned by China distributor for Shipping compliance requirements.

CAI Process Identifier

HPE USAGE:

Config ID

For China USE ONLY. Reflects the Config ID to be tracked for shipment purposes.

REF02 127 **Reference Identification** X AN 1/80 Used

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

FOB F.O.B. Related Instructions

Pos: 2100	Max: 1
Detail - Optional	
Loop: HL	Elements: 5

Purpose: To specify transportation instructions relating to shipment

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
FOB01	146	Shipment Method of Payment Code	M	ID	2/2	Must use
Description: Code identifying payment terms for transportation charges						
Code List Summary (Total Codes: 31, Included: 1)						
Code Name						
PP Prepaid (by Seller)						
FOB04	334	Transportation Terms Qualifier Code	O	ID	2/2	Used
Description: Code identifying the source of the transportation terms						
Code List Summary (Total Codes: 3, Included: 1)						
Code Name						
01 Incoterms						
FOB05	335	Transportation Terms Code	X	ID	3/3	Used
Description: Code identifying the trade terms which apply to the shipment transportation responsibility						
HPE USAGE:						
Incoterms Code						
FOB06	309	Location Qualifier	X	ID	1/2	Used
Description: Code identifying type of location						
Code List Summary (Total Codes: 184, Included: 1)						
Code Name						
ZZ Mutually Defined						
FOB07	352	Description	O	AN	1/80	Used
Description: A free-form description to clarify the related data elements and their content						
HPE USAGE:						
Incoterms Description						
This will be Sent in FOB07 for FOB01 = "PP"						

Loop Party Identification

Pos: 2200	Repeat: 200
Optional	
Loop: N1	Elements: N/A

Purpose: To identify a party by type of organization, name, and code

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>
2200	N1	Party Identification	O	1	
2300	N2	Additional Name Information	O	2	
2400	N3	Party Location	O	2	
2500	N4	Geographic Location	O	1	
2700	PER	Administrative Communications Contact	O	3	

N1 Party Identification

Pos: 2200	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

Purpose: To identify a party by type of organization, name, and code

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use

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

Code List Summary (Total Codes: 1538, Included: 11)

Code Name

32 Party to Receive Material Release

HPE USAGE:

Entitled Party

Company/Organization which is entitled to receive support services on HPE products. End Customer or HPEFS, OEM, Service Provider providing a solution package to an End Customer could be tracked as Entitled Party. These fields will also be required on sales out reporting.

AG Agent/Agency

HPE USAGE:

Agent Partner

If the partner is using or is part of the Agent Partner program, the Party ID for the agent must be provided on the order, along with the contact information related to the Party ID.

BT Bill-to-Party

HPE USAGE:

Bill To

Party ID -----> Party ID (Loc ID)

Party to be billed for other than freight. It includes the name and address. If you need to route to an invoicing vendor, Party ID Number will become mandatory and will be need to be sent in N104 for Bill To. You will be provided a Bill To LOC ID if one is required.

Example: N1*BT**92*123765280

CM Customs

HPE USAGE:

Customs Ship To

Optional Partner Function

Provide the name, address, city, state/province, country, postal code, email, phone number to the customs ship to location for this order- this address will be where the product will be shipped for customs clearance purposes and would not be the same as the ultimate Ship To location

DS Distributor

<u>Code</u>	<u>Name</u>
	<p>HPE USAGE: Reseller Company/Organization buying products, services or Support from Distributors or Sub-distributors and selling to End Customer. Mandatory for Indirect Route to Market transactions. Can be more than one T2 on a transaction each with different Business Relationship type. e.g. Reseller and a Preferred Service Provider. Required for indirect distributor sales model.</p>
EN	<p>End User</p> <p>HPE USAGE: End Customer Company/Organization paying a price to ultimately use or consume HPE products/services purchased directly from HPE, from an HPE Distributor/Reseller or as part of a third party solution package (provided by OEM, Service Provider). The true driver of product and service demand. End Customer can be different from the Sold to, Ship to or Entitled Party. May also be Entitled to receive support services.</p>
L2	<p>Location of Principal Assets</p> <p>HPE USAGE: Asset Location Actual physical address where the HPE goods will be located and service performed, could be a different legal entity than End Customer Organization (Service Providers data centres/server farms) and different from original Ship To Address.</p>
PR	<p>Payer</p> <p>HPE USAGE: Payer Will require New Mandatory 10 digit Party ID (will replace previously used CBN) to be sent in N104 for Sold To Orders will require manual intervention without New Party ID. Example: N1*PR**91*1237652980~</p>
SF	<p>Ship From</p> <p>HPE USAGE: Identification of the party from where goods will be shipped from.</p>
SO	<p>Sold To If Different From Bill To</p> <p>HPE USAGE: Sold To Company/Organization which is legally requesting a quote or an order. It includes the name and address of the requesting party (legal entity buyer). The Sold to Party ID field in N104 will replace the partner Customer Base Number (CBN) sent previously. Example: N1*SO**91*1000833939~</p>
ST	<p>Ship To</p> <p>HPE USAGE:</p>

N2 Additional Name Information

Pos: 2300	Max: 2
Detail - Optional	
Loop: N1	Elements: 1

Purpose: To specify additional names

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N201	93	Name	M	AN	1/60	Must use

Description: Free-form name

N3 Party Location

Pos: 2400	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 2500	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	State or Province Code	X	ID	2/2	Used
		Description: Code specifying the Standard State/Province as defined by appropriate government agency				
N403	116	Postal Code	X	ID	3/15	Used
		Description: Code specifying international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	Country Code	X	ID	2/3	Used
		Description: Code identifying the country				

PER Administrative Communications Contact

Pos: 2700	Max: 3
Detail - Optional	
Loop: N1	Elements: 9

Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PER01	366	Contact Function Code	M	ID	2/2	Must use

Description: Code identifying the major duty or responsibility of the person or group named

Code List Summary (Total Codes: 241, Included: 10)

Code Name

AG Agent

HPE USAGE:

Agent Contact information

BI Bill Inquiry Contact

Description:

Service Provider contact for making inquires about information on the invoice

HPE USAGE:

Bill To Party Contact Information

FD Primary Control Point

HPE USAGE:

Customs Ship To Contact Information.

FO Office Manager

HPE USAGE:

System manager contact information

Systems Manager Contact is responsible for the customers IT environment. Primary caller into the HPE Response Centre. It is also the contact for sending the software ESD license key / information. Need to ensure First Name, Last Name and email is provided.

IC Information Contact

HPE USAGE:

Reseller Contact Information

KC Accepting Official

HPE USAGE:

Entitled Party Contact Information

OC Order Contact

HPE USAGE:

Sold To Contact Information

RE Receiving Contact

HPE USAGE:

Invoice Contact Information

SD Shipping Department

HPE USAGE:

		<u>Code</u>	<u>Name</u>				
			Ship-To Contact Information				
		UR	Ultimate Receiver				
			HPE USAGE: End Customer/End User Contact Information				
PER02	93		Name	O	AN	1/60	Used
			Description: Free-form name				
			HPE USAGE: First Name and Last Name				
PER03	365		Communication Number Qualifier	X	ID	2/2	Used
			Description: Code identifying the type of communication number				
			Code List Summary (Total Codes: 51, Included: 1)				
			<u>Code</u> <u>Name</u>				
		TE	Telephone				
PER04	364		Communication Number	X	AN	1/2048	Used
			Description: Complete communications number including country or area code when applicable				
			HPE USAGE: Business Telephone Number.				
PER05	365		Communication Number Qualifier	X	ID	2/2	Used
			Description: Code identifying the type of communication number				
			Code List Summary (Total Codes: 51, Included: 1)				
			<u>Code</u> <u>Name</u>				
		EM	Electronic Mail				
PER06	364		Communication Number	X	AN	1/2048	Used
			Description: Complete communications number including country or area code when applicable				
			HPE USAGE: Business Email Address.				
PER07	365		Communication Number Qualifier	X	ID	2/2	Used
			Description: Code identifying the type of communication number				
			Code List Summary (Total Codes: 51, Included: 1)				
			<u>Code</u> <u>Name</u>				
		AE	Area Code				
PER08	364		Communication Number	X	AN	1/2048	Used
			Description: Complete communications number including country or area code when applicable				
			HPE USAGE: Country of Residence (COR).				
PER09	443		Contact Inquiry Reference	O	AN	1/20	Used
			Description: Additional reference number or description to clarify a contact number				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		HPE USAGE: Person ID Person ID is the Contact Person ID (if provided to you, please include on all orders). It is an ID assigned to a contact person (human being) that has been mastered in HPE Master Contact. - The number will not change for that contact. If you provide first, last name all relevant contact information is required.				
HPE USAGE:						
Must include Email and Phone number with contacts.						

Loop Hierarchical Level (Order)

Pos: 0100	Repeat: 200000
Mandatory	
Loop: HL	Elements: N/A

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>
0100	HL	Hierarchical Level(Order Level)	M	1	
0500	PRF	Purchase Order Reference	O	1	

HL Hierarchical Level(Order Level)

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 4

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL02	734	Hierarchical Parent ID Number	O	AN	1/12	Used
		Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to				
		HPE USAGE:				
		HL02 = "1" which will represent corresponding parent level(Shipment).				
		Example: HL*2*1*O*1				
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
		Description: Code specifying the characteristic of a level in a hierarchical structure				
		Code List Summary (Total Codes: 251, Included: 1)				
		Code	Name			
		O	Order			
HL04	736	Hierarchical Child Code	O	ID	1/1	Used
		Description: Code indicating if there are hierarchical child data segments subordinate to the level being described				
		Code List Summary (Total Codes: 2, Included: 1)				
		Code	Name			
		1	Additional Subordinate HL Data Segment in This Hierarchical Structure.			

PRF Purchase Order Reference

Pos: 0500	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

Purpose: To provide reference to a specific purchase order

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PRF01	324	Purchase Order Number	M	AN	1/22	Must use

Description: Identifying number for Purchase Order assigned by the orderer/purchaser

HPE USAGE:

Purchase Order Number

PRF04	373	Date	O	DT	8/8	Used
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

HPE USAGE:

Purchase Order Date

Loop Hierarchical Level (Pack)

Pos: 0100	Repeat: 200000
Mandatory	
Loop: HL	Elements: N/A

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>
0100	HL	Hierarchical Level(Pack Level)	M	1	
1500	REF	Reference Information	O	>1	
1900	MAN	Marks and Numbers Information	O	>1	

HL Hierarchical Level(Pack Level)

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 4

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL02	734	Hierarchical Parent ID Number	O	AN	1/12	Used
		Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to				
		HPE USAGE:				
		HL02 = "2" which will represent corresponding parent level(Order).				
		Example: HL*3*2*P*1				
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
		Description: Code specifying the characteristic of a level in a hierarchical structure				
		Code List Summary (Total Codes: 251, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		P	Pack			
HL04	736	Hierarchical Child Code	O	ID	1/1	Used
		Description: Code indicating if there are hierarchical child data segments subordinate to the level being described				
		Code List Summary (Total Codes: 2, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		1	Additional Subordinate HL Data Segment in This Hierarchical Structure.			

REF Reference Information

Pos: 1500	Max: >1
Detail - Optional	
Loop: HL	Elements: 2

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code identifying the Reference Identification

Code List Summary (Total Codes: 1881, Included: 1)

Code Name

PKG Package Identifier

HPE USAGE:

Pack ID

For China USE ONLY.

Shipment tracking reference for logistics operation.

REF02	127	Reference Identification	X	AN	1/80	Used
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

MAN Marks and Numbers Information

Pos: 1900	Max: >1
Detail - Optional	
Loop: HL	Elements: 2

Purpose: To indicate identifying marks and numbers for shipping containers

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MAN01	88	Marks and Numbers Qualifier	M	ID	1/2	Must use

Description: Code specifying the application or source of Marks and Numbers (87)

Code List Summary (Total Codes: 31, Included: 1)

Code Name

GM EAN.UCC Serial Shipping Container Code (SSCC) and Application Identifier

HPE USAGE:

BOX ID

Will display the ID for the box / unit. This field represents packaging ID and/or label ID.

MAN02	87	Marks and Numbers	M	AN	1/48	Must use
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Description: Marks and numbers used to identify a shipment or parts of a shipment

Loop Hierarchical Level (Item)

Pos: 0100	Repeat: 200000
Mandatory	
Loop: HL	Elements: N/A

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>
0100	HL	Hierarchical Level(Item Level)	M	1	
0200	LIN	Item Identification	O	1	
0300	SN1	Item Detail (Shipment)	O	1	
0400	SLN	Subline Item Detail	O	1000	
0600	PO4	Item Physical Details	O	1	
0700	PID	Product/Item Description	O	200	
0900	PWK	Paperwork	O	25	
1100	TD1	Carrier Details (Quantity and Weight)	O	20	
1500	REF	Reference Information	O	>1	
2000	DTM	Date/Time Reference	O	10	
3900		Loop AMT	O		5

HL Hierarchical Level(Item Level)

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use

Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure

HL02	734	Hierarchical Parent ID Number	O	AN	1/12	Used
------	-----	--------------------------------------	---	----	------	------

Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to

HPE USAGE:

HL02 = "3" which will represent corresponding parent level(Pack).

Example: HL*4*3*I

HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
------	-----	--------------------------------	---	----	-----	----------

Description: Code specifying the characteristic of a level in a hierarchical structure

Code List Summary (Total Codes: 251, Included: 1)

Code Name

I Item

LIN Item Identification

Pos: 0200	Max: 1
Detail - Optional	
Loop: HL	Elements: 19

Purpose: To specify basic item identification data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN01	350	Assigned Identification	O	AN	1/20	Used

Description: Alphanumeric characters assigned for differentiation within a transaction set

HPE USAGE:

Customer Line Item Number

Line item number/identifier sent in on the original EDI Purchase Order in PO101.

LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use
-------	-----	------------------------------	---	----	-----	----------

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

Code List Summary (Total Codes: 535, Included: 1)

Code Name

VP Vendor's (Seller's) Part Number

LIN03	234	Product/Service ID	M	AN	1/80	Must use
-------	-----	--------------------	---	----	------	----------

Description: Identifying number for a product or service

HPE USAGE:

BTO

Concatenation of Product number, # and Option will be in LIN03 just as it is sent in on PO.

Example for BTO:

LIN**VP*826876-B21#0D1*BP*3EM17860BWAS~

Non BTO

Product Number will be in PO109

LIN**VP*B1K92A3*BP*3EM17860BWAS~ <-----Parent SKU only

For Complex CTO orders (multiple UCID), the Parent SKU will only be displayed, the Option SKU will be reflected in the PWK segment.

LIN04	235	Product/Service ID Qualifier	X	ID	2/2	Used
-------	-----	------------------------------	---	----	-----	------

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

Code List Summary (Total Codes: 535, Included: 1)

Code Name

BP Buyer's Part Number

LIN05	234	Product/Service ID	X	AN	1/80	Used
-------	-----	--------------------	---	----	------	------

Description: Identifying number for a product or service

HPE USAGE:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Customer part number				
LIN06	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Code List Summary (Total Codes: 535, Included: 1) <u>Code</u> <u>Name</u> MG Manufacturer's Part Number				
LIN07	234	Product/Service ID	X	AN	1/80	Used
		Description: Identifying number for a product or service HPE USAGE: Bundle ID Bundle ID will be provided here, if the products were ordered with a Bundle ID (LIN05) on the original EDI order.				
LIN08	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Code List Summary (Total Codes: 535, Included: 1) <u>Code</u> <u>Name</u> C4 Configuration Item Identifier				
LIN09	234	Product/Service ID	X	AN	1/80	Used
		Description: Identifying number for a product or service HPE USAGE: UCID UCID to identify the configuration to be shipped				
LIN10	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Code List Summary (Total Codes: 535, Included: 1) <u>Code</u> <u>Name</u> CH Country of Origin Code HPE USAGE: Country of Origin The country the product was produced in.				
LIN11	234	Product/Service ID	X	AN	1/80	Used
		Description: Identifying number for a product or service HPE USAGE: Default - Country of Origin Code (MY = Malaysia) For RSP USE Only - will reflect single or multiple COO with Quantity (MY-20,CN-80)				
LIN12	235	Product/Service ID Qualifier	X	ID	2/2	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		Code List Summary (Total Codes: 535, Included: 1)				
		Code Name				
		UX Universal Product Number				
		Description:				
		A unique identifier of a healthcare product				
LIN13	234	Product/Service ID	X	AN	1/80	Used
		Description: Identifying number for a product or service				
		HPE USAGE:				
		UPC (Universal Product Code)				
		Number assigned to a manufacturer's product by the Product Code Council.				
LIN14	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		Code List Summary (Total Codes: 535, Included: 1)				
		Code Name				
		PL Purchaser's Order Line Number				
		HPE USAGE:				
		EB Bundle Line Item Number.				
		This will display the PO Line item number for EB / OCC Bundles only.				
LIN15	234	Product/Service ID	X	AN	1/80	Used
		Description: Identifying number for a product or service				
LIN16	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		Code List Summary (Total Codes: 535, Included: 1)				
		Code Name				
		TV Line of Business				
		HPE USAGE:				
		Quote line item number <----- NEW FIELD				
		For quoted orders only. This will reflect the Quote line item number from the HPE Quote source.				
LIN17	234	Product/Service ID	X	AN	1/80	Used
		Description: Identifying number for a product or service				
LIN18	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		Code List Summary (Total Codes: 535, Included: 1)				
		Code Name				

Code Name
 F6 First Prior Identifier

HPE USAGE:

Ordered Icon ID <----- **NEW FIELD**

For CTO and Partial Quote orders. Provide the Icon ID including version here.

LIN19 234 **Product/Service ID** X AN 1/80 Used

Description: Identifying number for a product or service

HPE USAGE:

BTO will have concatenation of Product number#Option code in LIN03 and in PWK06.

This example is for a BTO with option.

HL*4*3*I~

LIN*10*VP*JG961A#ABA*BP*3EM17860BWAS~

SN1**1*EA*1*1*EA~

PID*F*08***HPE 1950 48G 2SFP+ 2XGT Switch~

PWK*SP****UI*JG961A#ABA*American Localization~

CTO will have Product number in LIN03 along with concatenation of Product number#Option code in PWK06.

CTO with single option

HL*4*3*I~

LIN*10*VP*826876-B21*BP*3EM17860BWAS***C4*6103545674-01*****TV*0100*F6*I
 103669804-01~

SN1**1*EA*1*1*EA~

PID*F*08***HPE DL380 Gen10 Xeon-G 6138 Kit~

PWK*SP****UI*826876-B21#0D1*Factory integrated****20,BPNUM2~

CTO with Multiple Options (can represent any base with multiple options)

HL*4*3*I~

LIN*10*VP*826876-B21*BP*3EM17860BWAS***C4*6103545674-01*****TV*0100*F6*I
 103669804-01~

SN1**1*EA*1*1*EA~

PID*F*08***HPE DL380 Gen10 6138 Xeon-G Kit~

PWK*SP****UI*826876-B21#0D1*Factory Integrated****20,BPNUM2~

PWK*SP****UI*826876-B21#B19*European English****30,BPNUM3~

Example Flexible services with Multiple Options

HL*4*3*I~

LIN*30*VP*H1K92A3*BP*3EM17860BWAS***C4*6103545674-01*****TV*0100*F6*I
 3669804-01~

SN1**1*EA*1*1*EA~

PID*F*08***HPE 3YProactive Care 24x7 SVC~

.....

.....

HL*4*3*I~

LIN*31*VP*H1K92A3#7X4*BP*3EM17860B WAS***C4*6103545674-01*****F6*I1036
69804-01~

SN1**1*EA*1*1*KG~

PID*F*08***HPE 3YProactive Care 24x7 SVC~

.....

.....

COO example for RSP Use Only

HL*4*3*I~

LIN*000001*VP*H1K92A3*BP*3EM17860B WAS*****CH*MY-20,CN-80***PL*000001*~

SN1 Item Detail (Shipment)

Pos: 0300	Max: 1
Detail - Optional	
Loop: HL	Elements: 5

Purpose: To specify line-item detail relative to shipment

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SN102	382	Number of Units Shipped	M	R	1/10	Must use
<p>Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set</p> <p>HPE USAGE: Shipped Quantity</p>						
SN103	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
<p>Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</p> <p>Code List Summary (Total Codes: 919, Included: 1)</p> <p>Code Name EA Each</p>						
SN104	646	Quantity Shipped to Date	O	R	1/15	Used
<p>Description: Number of units shipped to date</p> <p>HPE USAGE: This field will be used to track the Quantity shipped till date. Quantity Shipped to Date = Order Quantity minus Remaining Quantity. Remaining Quantity This field will be used to track the open quantity (remaining quantity). Remaining quantity = Total Order quantity minus Total quantity already delivered (including all partial deliveries).</p>						
SN105	380	Quantity	X	R	1/15	Used
<p>Description: Numeric value of quantity</p> <p>HPE USAGE: Order Quantity</p>						
SN106	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
<p>Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</p> <p>Code List Summary (Total Codes: 919, Included: 1)</p> <p>Code Name EA Each</p>						

SLN Subline Item Detail

Pos: 0400	Max: 1000
Detail - Optional	
Loop: HL	Elements: 7

Purpose: To specify product subline detail item data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SLN01	350	Assigned Identification	M	AN	1/20	Must use
Description: Alphanumeric characters assigned for differentiation within a transaction set						
SLN03	662	Relationship Code	M	ID	1/1	Must use
Description: Code indicating the relationship between entities						
Code List Summary (Total Codes: 6, Included: 1)						
Code Name						
I Included						
SLN04	380	Quantity	X	R	1/15	Used
Description: Numeric value of quantity						
HPE USAGE:						
Ordered Icon ID Quantity <----- NEW FIELD						
Ordered Icon ID Quantity						
SLN09	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
Code List Summary (Total Codes: 535, Included: 1)						
Code Name						
SN Serial Number						
HPE USAGE:						
Serial Number						
SLN10	234	Product/Service ID	X	AN	1/80	Used
Description: Identifying number for a product or service						
SLN11	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
Code List Summary (Total Codes: 535, Included: 1)						
Code Name						
VN Vendor's (Seller's) Item Number						
Description:						
Object of Service. This is the line number association denoting the relationship between ordered service and linked hardware.						
HPE USAGE:						
Object of Service						
Applicable when HW and Services are ordered together						
SLN12	234	Product/Service ID	X	AN	1/80	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Identifying number for a product or service				

PO4 Item Physical Details

Pos: 0600	Max: 1
Detail - Optional	
Loop: HL	Elements: 5

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
PO405	187	Weight Qualifier	O	ID	1/2	Used				
<p>Description: Code specifying the type of weight</p> <p>Code List Summary (Total Codes: 54, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>G</td> <td>Gross Weight</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	G	Gross Weight
<u>Code</u>	<u>Name</u>									
G	Gross Weight									
PO406	384	Gross Weight per Pack	X	R	1/9	Used				
<p>Description: Numeric value of gross weight per pack</p> <p>HPE USAGE: Gross Weight For China USE ONLY - will reflect the gross weight of shipment</p>										
PO407	355	Unit or Basis for Measurement Code	X	ID	2/2	Used				
<p>Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</p>										
PO408	385	Gross Volume per Pack	X	R	1/9	Used				
<p>Description: Numeric value of gross volume per pack</p> <p>HPE USAGE: Gross Volume For China USE ONLY - will reflect the gross volume of shipment</p>										
PO409	355	Unit or Basis for Measurement Code	X	ID	2/2	Used				
<p>Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</p> <p>HPE USAGE: Volume UOM For China USE ONLY - will reflect the volume uom of shipment</p>										

PID Product/Item Description

Pos: 0700	Max: 200
Detail - Optional	
Loop: HL	Elements: 3

Purpose: To describe a product or process in coded or free-form format

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>										
PID01	349	Item Description Type Code	M	ID	1/1	Must use										
<p>Description: Code indicating the format of a description</p> <p>Code List Summary (Total Codes: 4, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>F</td> <td>Free-form</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	F	Free-form						
<u>Code</u>	<u>Name</u>															
F	Free-form															
PID02	750	Product/Process Characteristic Code	O	ID	2/3	Used										
<p>Description: Code identifying the general class of a product or process characteristic</p> <p>Code List Summary (Total Codes: 285, Included: 2)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>08</td> <td>Product</td> </tr> <tr> <td colspan="2">HPE USAGE: Description for product.</td> </tr> <tr> <td>PKG</td> <td>Packaging Materials</td> </tr> <tr> <td colspan="2">HPE USAGE: Bundle Description Description for Bundle if applicable.</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	08	Product	HPE USAGE: Description for product.		PKG	Packaging Materials	HPE USAGE: Bundle Description Description for Bundle if applicable.	
<u>Code</u>	<u>Name</u>															
08	Product															
HPE USAGE: Description for product.																
PKG	Packaging Materials															
HPE USAGE: Bundle Description Description for Bundle if applicable.																
PID05	352	Description	X	AN	1/80	Used										
<p>Description: A free-form description to clarify the related data elements and their content</p>																

PWK Paperwork

Pos: 0900	Max: 25
Detail - Optional	
Loop: HL	Elements: 5

Purpose: To identify the type or transmission or both of paperwork or supporting information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PWK01	755	Report Type Code	M	ID	2/2	Must use

Description: Code indicating the title or contents of a document, report or supporting item

Code List Summary (Total Codes: 570, Included: 1)

Code Name

SP Specification

PWK05	66	Identification Code Qualifier	X	ID	1/2	Used
-------	----	-------------------------------	---	----	-----	------

Description: Code specifying the system/method of code structure used for Identification Code (67)

Code List Summary (Total Codes: 258, Included: 1)

Code Name

UI Unit Identification Code

PWK06	67	Identification Code	X	AN	2/80	Used
-------	----	---------------------	---	----	------	------

Description: Code identifying a party or other code

HPE USAGE:

This field will reflect the Option code as sent on the Purchase order.

Example:

PWK*SP****UI*B1K92A3#7X4*HPE ILO AdvPack NonBl Support~

PWK07	352	Description	O	AN	1/80	Used
-------	-----	-------------	---	----	------	------

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

HPE USAGE:

When Options are ordered, this field will provide the description.

Example:

PWK*SP****UI*B1K92A3#7X4*HPE ILO AdvPack NonBl Support~

PWK11	1271	Industry Code	X	AN	1/30	Used
-------	------	---------------	---	----	------	------

Description: Code indicating a code from a specific industry code list

HPE USAGE:

PO Line Item Number and Buyer Part Number for Options are sent here separated by a comma delimiter.

Example:

PWK*SP****UI*817718-B21#0D1*Factory integrated****30,BPNUM1~

HPE USAGE:

BTO Orders

BTO will have concatenation of Product number#Option code in LIN03 and in PWK06.

This example is for a BTO with option.

```
HL*4*3*I~  
LIN*10*VP*JG961A#ABA*BP*3EM17860BWAS~  
SN1**1*EA*1*1*EA~  
PID*F*08***HPE 1950 48G 2SFP+ 2XGT Switch~  
PWK*SP****UI*JG961A#ABA*American Localization~
```

CTO Orders

The PWK segment will provide the details supporting the parent line with any options, and will provide the PO Line item, and Buyer part number as reflected in the PO1 segment on the purchase order. CTO will have Product number in LIN03 along with concatenation of Product number#Option code in PWK06.

CTO with single option

```
HL*4*3*I~  
LIN*10*VP*826876-B21*BP*3EM17860BWAS***C4*6103545674-01*****TV*0100*F6*I  
103669804-01~  
SN1**1*EA*1*1*EA~  
PID*F*08***HPE DL380 Gen10 Xeon-G 6138 Kit~  
PWK*SP****UI*826876-B21#0D1*Factory integrated*****20,BPNUM2~
```

CTO with Multiple Options (can represent any base with multiple options)

```
HL*4*3*I~  
LIN*10*VP*826876-B21*BP*3EM17860BWAS***C4*6103545674-01*****TV*0100*F6*I  
103669804-01~  
SN1**1*EA*1*1*EA~  
PID*F*08***HPE DL380 Gen10 6138 Xeon-G Kit~  
PWK*SP****UI*826876-B21#0D1*Factory Integrated*****20,BPNUM2~  
PWK*SP****UI*826876-B21#B19*European English*****30,BPNUM3~
```

Example Flexible services with Multiple Options

```
HL*4*3*I~  
LIN*30*VP*H1K92A3*BP*3EM17860BWAS***C4*6103545674-01*****TV*0100*F6*I10  
3669804-01~  
SN1**1*EA*1*1*EA~  
PID*F*08***HPE 3YProactive Care 24x7 SVC~
```

.....

.....

HL*4*3*I~

LIN*31*VP*H1K92A3#7X4*BP*3EM17860B WAS***C4*6103545674-01*****F6*I1036
69804-01~

SN1**1*EA*1*1*KG~

PID*F*08***HPE 3YProactive Care 24x7 SVC~

TD1 Carrier Details (Quantity and Weight)

Pos: 1100	Max: 20
Detail - Optional	
Loop: HL	Elements: 2

Purpose: To specify the transportation details relative to commodity, weight, and quantity

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD101	103	Packaging Code	O	AN	3/5	Used

Description: 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

Code List Summary - Part 1/2 (Total Codes: 163, Included: 2)

Code Name

BDL Bundle

HPE USAGE:

Bundle Quantity

RFT Reinforcement

Description:

In containers and shipping devices, a component (usually temporary) added to a container for a particular application to lend additional support under severe applications

HPE USAGE:

UCID Quantity

Quantity of the UCID invoiced

TD102	80	Lading Quantity	X	N0	1/7	Used
-------	----	------------------------	---	----	-----	------

Description: Number of units (pieces) of the lading commodity

REF Reference Information

Pos: 1500	Max: >1
Detail - Optional	
Loop: HL	Elements: 2

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code identifying the Reference Identification

Code List Summary (Total Codes: 1881, Included: 6)

Code Name

19 Division Identifier

HPE USAGE:

Product Line

For China USE ONLY - will reflect the product line of shipment

IL Internal Order Number

HPE USAGE:

HPE Sales Order Number

LI Line Item Identifier (Seller's)

HPE USAGE:

Document Line ID

HPE's internal line item identifier from SAP system.

PE Plant Number

HPE USAGE:

Shipping Plant

For China USE ONLY - will reflect the shipping plant of shipment.

S3 Specification Number

HPE USAGE:

Config Price ID

An ID generated to be used for pricing (Sales Order and/or Sales Out). This is not an orderable level, will be used for reporting only.

When Config Price ID is sent back on response documents, it will be reflecting the Config Price ID from the HPE Deal. Please ensure the Config Price ID you submit on the Purchase order matches the deal.

Example: 12345678

SI Shipper's Identifying Number for Shipment (SID)

Description:

A unique number (to the shipper) assigned by the shipper to identify the shipment

HPE USAGE:

Shipment Number

DTM Date/Time Reference

Pos: 2000	Max: 10
Detail - Optional	
Loop: HL	Elements: 2

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

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

Code List Summary (Total Codes: 1332, Included: 1)

Code Name

017 Estimated Delivery

HPE USAGE:

Planned Delivery Date

DTM02	373	Date	X	DT	8/8	Used
-------	-----	------	---	----	-----	------

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Loop Monetary Amount Information

Pos: 3900	Repeat: 5
Optional	
Loop: AMT	Elements: N/A

Purpose: To indicate the total monetary amount

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>
3900	AMT	Monetary Amount Information	O	1	

AMT Monetary Amount Information

Pos: 3900	Max: 1
Detail - Optional	
Loop: AMT	Elements: 2

Purpose: To indicate the total monetary amount

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
AMT01	522	Amount Qualifier Code	M	ID	1/3	Must use
Description: Code specifying the amount qualifier						
Code List Summary (Total Codes: 1796, Included: 1)						
Code Name						
		1		Line Item Total		
AMT02	782	Monetary Amount	M	R	1/18	Must use
Description: Monetary amount						

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

Purpose: To transmit a hash total for a specific element in the transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	NO	1/6	Must use

Description: Total number of line items in the transaction set

SE Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

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)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GE01	97	Number of Transaction Sets Included	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	Group Control Number	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IEA01	I16	Number of Included Functional Groups	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	Interchange Control Number	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

HPE USAGE:

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