650 Maintenance Service Order

Functional Group ID=MO

Introduction:

This Draft Standard for Trial Use contains the format and establishes then data contents of the Maintenance Service Order Transaction Set (650) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides a uniform, singular medium for the exchange of maintenance related information among organizations involved in the reporting, requesting, scheduling, planning, estimating, coordinating and performing of maintenance actions. It provides the structure to convey maintenance-related information, including maintenance action directives, maintenance actions, cost estimates, maintenance action assignments, maintenance action status, and completion reports. This transaction set can be used in a bi-directional environment alone or in conjunction with the Project Schedule Reporting Transaction Set (806) to link schedule and maintenance action information as well as with the Specifications/Technical Information Transaction Set (841) to link maintenance-related, media independent, technical data.

Notes:

1. This transaction set is used by the Assembly Activity to notify the Assembly Manager that packing has been completed at the Assembly Activity for the designated component within the specified parameters.

2. DoD logistics users should refer to the Defense Logistics Management System (DLMS) Supplement to the Federal Implementation Convention (IC) available at URL: http://www.dla.mil/j-6/dlmso. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
4	0100	ST	Transaction Set Header	M	1		
5	0200	BGN	Beginning Segment	M	1		
7	0300	REF	Reference Identification	O	>1		
Not Used	0400	DTM	Date/Time Reference	O	>1		
			LOOP ID - N1			>1	
9	0500	N1	Name	O	1		n1
Not Used	0600	N2	Additional Name Information	O	2		
Not Used	0700	N3	Address Information	O	2		
Not Used	0800	N4	Geographic Location	O	1		
Not Used	0900	PER	Administrative Communications Contact	O	>1		
Not Used	1000	REF	Reference Identification	O	>1		
			LOOP ID - LM			>1	
11	1100	LM	Code Source Information	O	1		
12	1200	LQ	Industry Code	M	>1		

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	1300	PER	Administrative Communications Contact	O	>1		
Not Used	1400	REF	Reference Identification	O	>1		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - HL			>1	
13	0100	HL	Hierarchical Level	M	1		n2
Not Used	0200	SPI	Specification Identifier	O	1		
15	0300	REF	Reference Identification	O	>1		
17	0400	LIN	Item Identification	O	>1		
Not Used	0500	DTM	Date/Time Reference	O	>1		
20	0600	QTY	Quantity	O	>1		
Not Used	0700	YNQ	Yes/No Question	O	>1		n3
Not Used	0800	AMT	Monetary Amount	O	>1		
Not Used	0900	PCT	Percent Amounts	O	>1		
Not Used	1000	MEA	Measurements	O	>1		
			LOOP ID - CLI			>1	
Not Used	1100	CLI	Cost Line Item	O	1		
Not Used	1200	QTY	Quantity	O	>1		
Not Used	1300	AMT	Monetary Amount	O	>1		
Not Used	1400	RPA	Rate Amounts or Percents	O	>1		
			LOOP ID - LM			>1	
Not Used	1500	LM	Code Source Information	O	1		n4
Not Used	1600	LQ	Industry Code	M	>1		
Not Used	1700	REF	Reference Identification	O	>1		
Not Used	1800	DTM	Date/Time Reference	O	>1		
			LOOP ID - NM1			>1	
Not Used	1900	NM1	Individual or Organizational Name	O	1		n5
Not Used	2000	N2	Additional Name Information	O	2		
Not Used	2100	N3	Address Information	O	2		
Not Used	2200	N4	Geographic Location	O	1		
Not Used	2300	COM	Communication Contact Information	O	>1		
Not Used	2400	REF	Reference Identification	O	>1		
			LOOP ID - MTX			>1	
Not Used	2500	MTX	Text	O	1		
Not Used	2600	DTM	Date/Time Reference	O	>1		
Not Used	2700	NM1	Individual or Organizational Name	O	>1		
Not Used	2800	REF	Reference Identification	O	>1		
22	2900	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The N1 segment identifies the organization originating and receiving the transaction set.
2. The HL levels are group work candidate and work candidate. Valid HL parent-child relationships are 1)

group work candidate-group work candidate and 2) group work candidate-work candidate.

3. The YNQ segment identifies conditions related to a maintenance or repair requirement.

4. The LM loop identifies management data that pertains to each use of the HL loop.

5. The NM1 segment identifies individuals and organizations involved in identifying, coordinating or performing maintenance.

Segment:	**ST** Transaction Set Header		
Position:	0100		
Loop:			
Level:	Heading		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To indicate the start of a transaction set and to assign a control number		
Syntax Notes:			
Semantic Notes:	1	The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).	
	2	The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.	
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	ST01	143	**Transaction Set Identifier Code**	M	1	ID 3/3
			Code uniquely identifying a Transaction Set			
			650 Maintenance Service Order			
M	ST02	329	**Transaction Set Control Number**	M	1	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			
			A unique number assigned by the originator of the transaction set, or the originator's application program.			
	ST03	1705	**Implementation Convention Reference**	O	1	AN 1/35
			Reference assigned to identify Implementation Convention			

Segment:	**BGN** Beginning Segment	
Position:	0200	
Loop:		
Level:	Heading	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the beginning of a transaction set	
Syntax Notes:	1	If BGN05 is present, then BGN04 is required.
Semantic Notes:	1	BGN02 is the transaction set reference number.
	2	BGN03 is the transaction set date.
	3	BGN04 is the transaction set time.
	4	BGN05 is the transaction set time qualifier.
	5	BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	BGN01	353	**Transaction Set Purpose Code**	M	1	ID 2/2

Code identifying purpose of transaction set

00	Original
77	Simulation Exercise

	Ref. Des.	Data Element	Name	Attributes		
M	BGN02	127	**Reference Identification**	M	1	AN 1/50

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

Use code 'Z' for this data element to satisfy mandatory X12 Requirements.

	Ref. Des.	Data Element	Name	Attributes		
M	BGN03	373	**Date**	M	1	DT 8/8

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

This date corresponds to the Universal Time Coordinate (UTC).

	Ref. Des.	Data Element	Name	Attributes		
Not Used	BGN04	337	**Time**	X	1	TM 4/8

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)

	Ref. Des.	Data Element	Name	Attributes		
Not Used	BGN05	623	**Time Code**	O	1	ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

| **Not Used** | **BGN06** | **127** | **Reference Identification** | **O** | **1** | **AN 1/50** |

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

| | **BGN07** | **640** | **Transaction Type Code** | **O** | **1** | **ID 2/2** |

Code specifying the type of transaction

   ZB   Report of Work Candidate

| **Not Used** | **BGN08** | **306** | **Action Code** | **O** | **1** | **ID 1/2** |

Code indicating type of action

| **Not Used** | **BGN09** | **786** | **Security Level Code** | **O** | **1** | **ID 2/2** |

Code indicating the level of confidentiality assigned by the sender to the information following

Segment:	**REF** Reference Identification		
Position:	0300		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	>1		
Purpose:	To specify identifying information		
Syntax Notes:	1	At least one of REF02 or REF03 is required.	
	2	If either C04003 or C04004 is present, then the other is required.	
	3	If either C04005 or C04006 is present, then the other is required.	
Semantic Notes:	1	REF04 contains data relating to the value cited in REF02.	
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	REF01	128	**Reference Identification Qualifier**	M	1	ID 2/3
			Code qualifying the Reference Identification			
			Use any code.			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
	REF02	127	**Reference Identification**	X	1	AN 1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
Not Used	REF03	352	**Description**	X	1	AN 1/80
			A free-form description to clarify the related data elements and their content			
Not Used	REF04	C040	**Reference Identifier**	O	1	
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier			
Not Used	C04001	128	**Reference Identification Qualifier**	M		ID 2/3
			Code qualifying the Reference Identification			
Not Used	C04002	127	**Reference Identification**	M		AN 1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
Not Used	C04003	128	**Reference Identification Qualifier**	X		ID 2/3
			Code qualifying the Reference Identification			
Not Used	C04004	127	**Reference Identification**	X		AN 1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
Not Used	C04005	128	**Reference Identification Qualifier**	X		ID 2/3
			Code qualifying the Reference Identification			
Not Used	C04006	127	**Reference Identification**	X		AN 1/50

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

	Segment:	**N1** Name

Segment:	**N1** Name
Position:	0500
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	*Must use this 1/N1/0500 loop to identify the organizations originating the transaction set and to receive the transaction set.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	N101	98	**Entity Identifier Code**	M	1	ID 2/3

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

Use any code.

Refer to 004030 Data Element Dictionary for acceptable code values.

	Ref. Des.	Data Element	Name	Attributes		
Not Used	N102	93	**Name**	X	1	AN 1/60

Free-form name

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

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

1	D-U-N-S Number, Dun & Bradstreet
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
10	Department of Defense Activity Address Code (DODAAC)
M4	Department of Defense Routing Identifier Code (RIC)

	Ref. Des.	Data Element	Name	Attributes		
	N104	67	**Identification Code**	X	1	AN 2/80

Code identifying a party or other code

	Ref. Des.	Data Element	Name	Attributes		
Not Used	N105	706	**Entity Relationship Code**	O	1	ID 2/2

Code describing entity relationship

	Ref. Des.	Data Element	Name	Attributes		
	N106	98	**Entity Identifier Code**	O	1	ID 2/3

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

FR	Message From

TO   Message To

Segment:	**LM** Code Source Information					
Position:	1100					
Loop:	LM Optional					
Level:	Heading					
Usage:	Optional					
Max Use:	1					
Purpose:	To transmit standard code list identification information					
Syntax Notes:						
Semantic Notes:						
Comments:	**1** LM02 identifies the applicable industry code list source information.					
Notes:	*Use this 1/LM/1100 loop to identify coded information maintained in department or agency documentation.*					

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	**LM01**	**559**	**Agency Qualifier Code**	**M**	**1**	**ID 2/2**
			Code identifying the agency assigning the code values			
			DF Department of Defense (DoD)			
	LM02	**822**	**Source Subqualifier**	**O**	**1**	**AN 1/15**
			A reference that indicates the table or text maintained by the Source Qualifier			

Segment:	**LQ** Industry Code	
Position:	1200	
Loop:	LM	Optional
Level:	Heading	
Usage:	Mandatory	
Max Use:	>1	
Purpose:	Code to transmit standard industry codes	
Syntax Notes:	1	If LQ01 is present, then LQ02 is required.
Semantic Notes:		
Comments:		
Notes:	*Use to identify codes, as appropriate, consistent with management information requirements.*	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
LQ01	**1270**	**Code List Qualifier Code**	O	1	ID 1/3
		Code identifying a specific industry code list			
		Use any code.			
		Refer to 004030 Data Element Dictionary for acceptable code values.			
LQ02	**1271**	**Industry Code**	X	1	AN 1/30
		Code indicating a code from a specific industry code list			

Segment:	**HL** Hierarchical Level	
Position:	0100	
Loop:	HL Mandatory	
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To identify dependencies among and the content of hierarchically related groups of data segments	
Syntax Notes:		
Semantic Notes:		
Comments:	**1**	The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data. The HL segment defines a top-down/left-right ordered structure.
	2	HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
	3	HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
	4	HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
	5	HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.
Notes:	*For use in Component Packing Confirmation loop.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	HL01	628	**Hierarchical ID Number**	M	1	AN 1/12
			A unique number assigned by the sender to identify a particular data segment in a hierarchical structure			
			In the first 2/HL/0100 loop iteration, cite numeric 1. In each subsequent loop iteration, increase incrementally by 1.			
	HL02	734	**Hierarchical Parent ID Number**	O	1	AN 1/12
			Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to			
M	HL03	735	**Hierarchical Level Code**	M	1	ID 1/2
			Code defining the characteristic of a level in a hierarchical structure			
			Use any code			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
	HL04	736	**Hierarchical Child Code**	O	1	ID 1/1

Code indicating if there are hierarchical child data segments subordinate to the level being described

Refer to 004030 Data Element Dictionary for acceptable code values.

Segment:	**REF** Reference Identification	
Position:	0300	
Loop:	HL Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify identifying information	
Syntax Notes:	1	At least one of REF02 or REF03 is required.
	2	If either C04003 or C04004 is present, then the other is required.
	3	If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1	REF04 contains data relating to the value cited in REF02.
Comments:		
Notes:	*Use in Component Packing Confirmation loop.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	REF01	128	**Reference Identification Qualifier**	M	1	ID 2/3
			Code qualifying the Reference Identification			
			Use any code.			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
	REF02	127	**Reference Identification**	X	1	AN 1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
Not Used	REF03	352	**Description**	X	1	AN 1/80
			A free-form description to clarify the related data elements and their content			
Not Used	REF04	C040	**Reference Identifier**	O	1	
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier			
Not Used	C04001	128	**Reference Identification Qualifier**	M		ID 2/3
			Code qualifying the Reference Identification			
Not Used	C04002	127	**Reference Identification**	M		AN 1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
Not Used	C04003	128	**Reference Identification Qualifier**	X		ID 2/3
			Code qualifying the Reference Identification			
Not Used	C04004	127	**Reference Identification**	X		AN 1/50
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
Not Used	C04005	128	**Reference Identification Qualifier**	X		ID 2/3
			Code qualifying the Reference Identification			
Not Used	C04006	127	**Reference Identification**	X		AN 1/50

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

	Segment:	**LIN** Item Identification
	Position:	0400
	Loop:	HL Mandatory
	Level:	Detail
	Usage:	Optional
	Max Use:	>1
	Purpose:	To specify basic item identification data

Syntax Notes:	1	If either LIN04 or LIN05 is present, then the other is required.
	2	If either LIN06 or LIN07 is present, then the other is required.
	3	If either LIN08 or LIN09 is present, then the other is required.
	4	If either LIN10 or LIN11 is present, then the other is required.
	5	If either LIN12 or LIN13 is present, then the other is required.
	6	If either LIN14 or LIN15 is present, then the other is required.
	7	If either LIN16 or LIN17 is present, then the other is required.
	8	If either LIN18 or LIN19 is present, then the other is required.
	9	If either LIN20 or LIN21 is present, then the other is required.
	10	If either LIN22 or LIN23 is present, then the other is required.
	11	If either LIN24 or LIN25 is present, then the other is required.
	12	If either LIN26 or LIN27 is present, then the other is required.
	13	If either LIN28 or LIN29 is present, then the other is required.
	14	If either LIN30 or LIN31 is present, then the other is required.

Semantic Notes:	1	LIN01 is the line item identification
Comments:	1	See the Data Dictionary for a complete list of IDs.
	2	LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes:		*Use in 2/HL/0100 transaction loops to identify the material.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Not Used	LIN01	350	**Assigned Identification**	O	1	**AN 1/20**
			Alphanumeric characters assigned for differentiation within a transaction set			
M	LIN02	235	**Product/Service ID Qualifier**	M	1	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Use any code.			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
M	LIN03	234	**Product/Service ID**	M	1	**AN 1/48**
			Identifying number for a product or service			
	LIN04	235	**Product/Service ID Qualifier**	X	1	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Use any code.			

			Refer to 004030 Data Element Dictionary for acceptable code values.			
	LIN05	**234**	**Product/Service ID**	**X**	**1**	**AN 1/48**
			Identifying number for a product or service			
Not Used	**LIN06**	**235**	**Product/Service ID Qualifier**	**X**	**1**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
Not Used	**LIN07**	**234**	**Product/Service ID**	**X**	**1**	**AN 1/48**
			Identifying number for a product or service			
Not Used	**LIN08**	**235**	**Product/Service ID Qualifier**	**X**	**1**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
Not Used	**LIN09**	**234**	**Product/Service ID**	**X**	**1**	**AN 1/48**
			Identifying number for a product or service			
Not Used	**LIN10**	**235**	**Product/Service ID Qualifier**	**X**	**1**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
Not Used	**LIN11**	**234**	**Product/Service ID**	**X**	**1**	**AN 1/48**
			Identifying number for a product or service			
Not Used	**LIN12**	**235**	**Product/Service ID Qualifier**	**X**	**1**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
Not Used	**LIN13**	**234**	**Product/Service ID**	**X**	**1**	**AN 1/48**
			Identifying number for a product or service			
Not Used	**LIN14**	**235**	**Product/Service ID Qualifier**	**X**	**1**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
Not Used	**LIN15**	**234**	**Product/Service ID**	**X**	**1**	**AN 1/48**
			Identifying number for a product or service			
Not Used	**LIN16**	**235**	**Product/Service ID Qualifier**	**X**	**1**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
Not Used	**LIN17**	**234**	**Product/Service ID**	**X**	**1**	**AN 1/48**
			Identifying number for a product or service			
Not Used	**LIN18**	**235**	**Product/Service ID Qualifier**	**X**	**1**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
Not Used	**LIN19**	**234**	**Product/Service ID**	**X**	**1**	**AN 1/48**
			Identifying number for a product or service			
Not Used	**LIN20**	**235**	**Product/Service ID Qualifier**	**X**	**1**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
Not Used	**LIN21**	**234**	**Product/Service ID**	**X**	**1**	**AN 1/48**

Identifying number for a product or service

Not Used	**LIN22**	**235**	**Product/Service ID Qualifier**	**X**	**1**	**ID 2/2**

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

Not Used	**LIN23**	**234**	**Product/Service ID**	**X**	**1**	**AN 1/48**

Identifying number for a product or service

Not Used	**LIN24**	**235**	**Product/Service ID Qualifier**	**X**	**1**	**ID 2/2**

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

Not Used	**LIN25**	**234**	**Product/Service ID**	**X**	**1**	**AN 1/48**

Identifying number for a product or service

Not Used	**LIN26**	**235**	**Product/Service ID Qualifier**	**X**	**1**	**ID 2/2**

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

Not Used	**LIN27**	**234**	**Product/Service ID**	**X**	**1**	**AN 1/48**

Identifying number for a product or service

Not Used	**LIN28**	**235**	**Product/Service ID Qualifier**	**X**	**1**	**ID 2/2**

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

Not Used	**LIN29**	**234**	**Product/Service ID**	**X**	**1**	**AN 1/48**

Identifying number for a product or service

Not Used	**LIN30**	**235**	**Product/Service ID Qualifier**	**X**	**1**	**ID 2/2**

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

Not Used	**LIN31**	**234**	**Product/Service ID**	**X**	**1**	**AN 1/48**

Identifying number for a product or service

Segment:	**QTY** Quantity			
Position:	0600			
Loop:	HL	Mandatory		
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:	To specify quantity information			
Syntax Notes:	1	At least one of QTY02 or QTY04 is required.		
	2	Only one of QTY02 or QTY04 may be present.		
Semantic Notes:	1	QTY04 is used when the quantity is non-numeric.		
Comments:				
Notes:	*Use in 2/HL/0100 transaction loops to identify the quantity being requested.*			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	QTY01	673	**Quantity Qualifier**	M	1	ID 2/2
			Code specifying the type of quantity			
			Use any code.			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
	QTY02	380	**Quantity**	X	1	R 1/15
			Numeric value of quantity			
	QTY03	C001	**Composite Unit of Measure**	O	1	
			To identify a composite unit of measure (See Figures Appendix for examples of use)			
M	C00101	355	**Unit or Basis for Measurement Code**	M		ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			Use to identify the unit of issue for material requested.			
			Refer to 004030 Data Element Dictionary for acceptable code values.			
Not Used	C00102	1018	**Exponent**	O		R 1/15
			Power to which a unit is raised			
Not Used	C00103	649	**Multiplier**	O		R 1/10
			Value to be used as a multiplier to obtain a new value			
Not Used	C00104	355	**Unit or Basis for Measurement Code**	O		ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
Not Used	C00105	1018	**Exponent**	O		R 1/15
			Power to which a unit is raised			
Not Used	C00106	649	**Multiplier**	O		R 1/10
			Value to be used as a multiplier to obtain a new value			
Not Used	C00107	355	**Unit or Basis for Measurement Code**	O		ID 2/2

			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
Not Used	C00108	1018	**Exponent**	**O**		**R 1/15**
			Power to which a unit is raised			
Not Used	C00109	649	**Multiplier**	**O**		**R 1/10**
			Value to be used as a multiplier to obtain a new value			
Not Used	C00110	355	**Unit or Basis for Measurement Code**	**O**		**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
Not Used	C00111	1018	**Exponent**	**O**		**R 1/15**
			Power to which a unit is raised			
Not Used	C00112	649	**Multiplier**	**O**		**R 1/10**
			Value to be used as a multiplier to obtain a new value			
Not Used	C00113	355	**Unit or Basis for Measurement Code**	**O**		**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
Not Used	C00114	1018	**Exponent**	**O**		**R 1/15**
			Power to which a unit is raised			
Not Used	C00115	649	**Multiplier**	**O**		**R 1/10**
			Value to be used as a multiplier to obtain a new value			
Not Used	QTY04	61	**Free-Form Message**	**X**	1	**AN 1/30**
			Free-form information			

Segment: **SE** **Transaction Set Trailer**
Position: 2900
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	SE01	96	**Number of Included Segments**	M	1	N0 1/10
			Total number of segments included in a transaction set including ST and SE segments			
M	SE02	329	**Transaction Set Control Number**	M	1	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			
			Cite the same number as the one cited in ST02.			