

# 140 Product Registration

Functional Group ID= **WA**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Product Registration Transaction Set (140) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to specify the manufacturer, seller, secondary warranter, and purchaser or lessee of the product. It can specify the date the product was sold, delivered, and placed in service as well as identify the product model and serial numbers. It can specify the class of service expected from this individual sale, for example: industrial, commercial, or household. This registration information can be used to divide sales commissions among sales associates or attribute license fees to the proper manufacturer. It can be used to submit many product registrations at one time to one receiving organization.

## Notes:

*1. Organizations use this transaction set to report events regarding the custody or status of small arms, inquire into the custody or status of small arms, reconcile small arms data records, reject small arms reconciliation reports, follow up on unacknowledged rejections, and respond to rejections of small arms reconciliation reports.*

*2. Use one occurrence of this transaction set to transmit single or multiple transactions of the same type.*

*3. 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/dlms>. 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
6	010	ST	Transaction Set Header	M	1		
7	020	BGN	Beginning Segment	M	1		n1
Not Used	030	N9	Reference Identification	O	>1		n2
LOOP ID - N1						3	
9	040	N1	Name	M	1		n3
Not Used	050	N2	Additional Name Information	O	2		
Not Used	060	N3	Address Information	O	3		
Not Used	070	N4	Geographic Location	O	1		
Not Used	080	REF	Reference Identification	O	2		
11	090	PER	Administrative Communications Contact	O	2		

## Detail:

## 140A (R2) Small Arms and Light Weapons (SA/LW) Reporting

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
<b>LOOP ID - LX</b>							>1
14	010	LX	Assigned Number	M	1		n4
15	015	REF	Reference Identification	O	>1		n5
<b>LOOP ID - N1</b>							>1
17	020	N1	Name	M	1		n6
Not Used	030	N2	Additional Name Information	O	2		
Not Used	040	N3	Address Information	O	3		
Not Used	050	N4	Geographic Location	O	1		
Not Used	060	PER	Administrative Communications Contact	O	>1		n7
Not Used	070	DTM	Date/Time Reference	O	1		
Not Used	080	REF	Reference Identification	O	>1		n8
<b>LOOP ID - LM</b>							>1
19	086	LM	Code Source Information	O	1		
20	087	LQ	Industry Code	M	100		
<b>LOOP ID - LIN</b>							>1
21	090	LIN	Item Identification	M	1		n9
Not Used	100	PID	Product/Item Description	O	>1		n10
Not Used	110	QTY	Quantity	O	1		n11
24	120	DTM	Date/Time Reference	O	>1		n12
25	130	REF	Reference Identification	O	>1		n13
<b>LOOP ID - N1</b>							>1
27	140	N1	Name	O	1		n14
Not Used	150	N2	Additional Name Information	O	2		
Not Used	160	N3	Address Information	O	3		
Not Used	170	N4	Geographic Location	O	1		
Not Used	180	PER	Administrative Communications Contact	O	>1		n15
<b>LOOP ID - PSC</b>							>1
Not Used	190	PSC	Product Service Contract	O	1		n16
Not Used	200	SSS	Special Services	O	>1		n17
Not Used	210	AMT	Monetary Amount	O	>1		n18
Not Used	220	CUR	Currency	O	1		n19
Not Used	230	ITA	Allowance, Charge or Service	O	1		n20
Not Used	240	TXI	Tax Information	O	1		n21
Not Used	250	ITD	Terms of Sale/Deferred Terms of Sale	O	1		n22
Not Used	260	N9	Reference Identification	O	>1		n23
<b>LOOP ID - SLN</b>							>1
Not Used	270	SLN	Subline Item Detail	O	1		n24
Not Used	280	PID	Product/Item Description	O	>1		
Not Used	290	QTY	Quantity	O	1		
Not Used	300	DTM	Date/Time Reference	O	>1		
Not Used	310	REF	Reference Identification	O	>1		
<b>LOOP ID - N1</b>							>1
Not Used	320	N1	Name	O	1		n25
Not Used	330	N2	Additional Name Information	O	2		
Not Used	340	N3	Address Information	O	3		

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Not Used	350	N4	Geographic Location	O	1	
Not Used	360	PER	Administrative Communications Contact	O	>1	n26
<b>LOOP ID - PSC</b>						<b>&gt;1</b>
Not Used	370	PSC	Product Service Contract	O	1	
Not Used	380	SSS	Special Services	O	>1	
Not Used	390	AMT	Monetary Amount	O	>1	
Not Used	400	CUR	Currency	O	1	
Not Used	410	ITA	Allowance, Charge or Service	O	1	
Not Used	420	TXI	Tax Information	O	1	
Not Used	430	ITD	Terms of Sale/Deferred Terms of Sale	O	1	
Not Used	440	N9	Reference Identification	O	>1	
<b>LOOP ID - LM</b>						<b>&gt;1</b>
28	450	LM	Code Source Information	O	1	
29	460	LQ	Industry Code	M	100	
30	470	SE	Transaction Set Trailer	M	1	

### Transaction Set Notes

1. BGN02 is used as the initial reference identifier for this transaction. BGN03 defines the date of this registration transaction. Normally BGN04 and BGN05 would not be used in this transaction. BGN01 is normally set to 00 to indicate that this is an original registration. Product registration is normally a by-product of a sale.
2. The N9 segment can provide a reference to a previous registration transaction. For example, this could be a replacement of a previous registration transaction.
3. The N1 loop defines the party submitting the product registration, usually the seller of the product rather than the customer, and the party who maintains the registration database, usually the manufacturer of the product. The N1 loop also can be used to specify the product's distributor.
4. Each iteration of the LX loop is used to group one or more products that are being registered to one individual or organization.
5. The REF segment is used to identify the individual registration number. It can include the data element 128, code value Q8, "Registration Number."
6. The N1 loop is used to identify the individual or organization responsible for the registration. This could be the purchaser, the lessee, the operator, etc. This is the party registered to be notified if a product recall is required. Successive iterations could identify other individuals and organizations who are involved in some manner. It also could be used to specify if the product is to be installed or housed at a location that is different than that listed for the registration. An additional use of the N1 loop has been requested to be able to include the salesperson who sold the product or service contract and the service manager who would be responsible for servicing the product.
7. The PER segment is used to provide an individual's or department's name for a particular support function and, if desired, their communication number for a phone, electronic mail, etc.
8. The REF segment could be used to identify the item into or onto which this product being warranted will be residing. For example, when a controller is attached to a numerically controlled machine tool, part of the registration could include information about the machine tool. The machine tool could be identified with multiple occurrences of the REF segment. A similar situation would be if an engine were being replaced in a heavy duty truck. The REF segment could then be used to specify the vehicle.
9. There is a separate LIN segment for each product included in this sale represented by the single iteration of the LX loop. The LIN segment will contain the product's model number and serial number

in data element 234-235 combinations. The other pairs can be used to provide other information about the product.

10. The PID segment can be used to provide additional information regarding the product. However, it seldom will be required. When it is used, PID06, data element 752, is not required.
11. The QTY segment is used to reflect the quantity of items that do not have a serial number. QTY01 will have a discrete quantity qualifier of 01. For all items with a serial number, the value to be used is either explicitly or implicitly set to one.
12. The DTM segment in the LIN loop can be used to specify the dates that are significant to the registration such as delivery, installation, placed in service, failed, brought in for service, etc.
13. The REF segment can identify information about the product that was not able to be coded in the preceding segments. For example, it can be used to specify the warranty coverage code and the warranty registration number.
14. The N1 loop within the LIN loop provides the same capabilities for the single product as the N1 loop above in the LX loop provides for the entire sale.
15. The PER segment is used to provide an individual's or department's name or functional area and, if desired, their communication number for a phone, electronic mail, etc.
16. The PSC loop in the LIN loop refers to the warranty or service contract for the entire product described by the LIN segment. If special operating conditions that could affect the registration are to be noted, such as a household product being used commercially, this would be placed in the PSC segment. Unless noted to the contrary, it will be assumed that the product will be used in its most normal capacity. For example, a kitchen appliance, unless specifically stated to the contrary, will be assumed to be used within a household. The PSC loop also may be used when a for fee registration is being specified, such as an extended warranty or service contract. The PSC segment also may be used without the other segments in the loop to describe conditions of a standard, free warranty registration. The PSC segment is used to specify the period for the warranty or service contract. There may be other measures of service life of a product such as operation counter, an odometer to measure mileage of a vehicle, or a clock that measures operational hours.
17. The SSS special service segment is used in conjunction with the PSC segment to add any extra services to be specified within the service contract. For example, there may be a clause for 24 hour service or a guaranteed service response of no more than so many hours.
18. The repeated use of the AMT segment within the PSC loop allows the total amount of the contract to be specified as well as any special conditions on the amount.
19. The CUR segment is only required when the service contract is to be paid across national boundaries.
20. The ITA segment would be used in those special cases where the normal service contract cost does not apply. For example, in fleet sales, the product and its service contract may be bought from a local dealer, but because one purchaser buys many of them from several dealers spread across a geographic area, they get a discount or extra service on the purchase.
21. The TXI, Tax Information segment, can be used to list the sales tax paid on a service contract. Also it identifies the taxing authority.
22. The ITD segment is to be used in the case where the service contract is to be paid at regular intervals over the life of the contract. For example, the payments might be monthly or quarterly.
23. The N9 segment within the PSC loop can contain a unique code identifying the terms of the service contract. For example, repair order number or contract number as preassigned by the product's manufacturer. It also can be used to record the customer's method of payment for a service contract. It then would be used to contain the check number or charge card number. The expiration date on the charge card does not need to be recorded as the computer program entering the transaction only has to check that the card has not expired. N903 will be able to contain the name of the issuer of the card.
24. The SLN loop is used to describe subassemblies or parts within an assembly that may be covered by separate warranty conditions. A pair of data elements 234 and 235 in the SLN segment will be used to

contain the serial number, lot number, model number, etc. of the subassembly being registered. All the loops and segments within the SLN loop perform the same functions for the subassemblies as their counterparts above did for the product.

- 25.** The N1 loop within the SLN loop provides the same capabilities for the single product as the N1 loop above in the LX loop provides for the entire sale. However, the assembly whose information is in the N1 loop is part of the product specified in the SLN loop.
- 26.** The PER segment is used to provide an individual's or department's name or functional area and, if desired, their communication number for a phone, electronic mail, etc.

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).  
**Comments:**

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set 140 Product Registration	M ID 3/3
M	ST02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>	M AN 4/9

**Segment:** **BGN** Beginning Segment  
**Position:** 020  
**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

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	BGN01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set <i>Use any code.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
M	BGN02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <i>Use Code "Z" for this data element to satisfy mandatory X12 syntax requirements.</i>	M AN 1/30
M	BGN03	373	<b>Date</b> Date expressed as CCYYMMDD <i>This date corresponds to the Universal Time Coordinate (UTC).</i>	M DT 8/8
Must Use	BGN04	337	<b>Time</b> 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) <i>1. Express the originating activity's time in UTC.</i> <i>2. Express time in four position (HHMM) format.</i>	X TM 4/8
Not Used	BGN05	623	<b>Time Code</b> Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an	O ID 2/2

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

<b>Not Used</b>	<b>BGN06</b>	<b>127</b>	<b>Reference Identification</b>	<b>O AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
<b>Must Use</b>	<b>BGN07</b>	<b>640</b>	<b>Transaction Type Code</b>	<b>O ID 2/2</b>
			Code specifying the type of transaction	
			W4	Weapons Control Report
			W5	Weapons Control Report Reconciliation
	<b>BGN08</b>	<b>306</b>	<b>Action Code</b>	<b>O ID 1/2</b>
			Code indicating type of action	
			AC	Acknowledge
			T	Status Query
			U	Reject
				Inability to accept for processing due to the lack of required information
<b>Not Used</b>	<b>BGN09</b>	<b>786</b>	<b>Security Level Code</b>	<b>O ID 2/2</b>
			Code indicating the level of confidentiality assigned by the sender to the information following	

**Segment:** **N1** Name  
**Position:** 040  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Mandatory  
**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/N1/040 to identify the organization originating the transaction set.*

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	N101	98	<b>Entity Identifier Code</b>	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			<i>Use any code.</i>	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	N102	93	<b>Name</b>	X AN 1/60
			Free-form name	
Must Use	N103	66	<b>Identification Code Qualifier</b>	X 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)	
			An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions	
		UR	Uniform Resource Locator (URL)	
Must Use	N104	67	<b>Identification Code</b>	X AN 2/80
			Code identifying a party or other code	
Not Used	N105	706	<b>Entity Relationship Code</b>	O ID 2/2
			Code describing entity relationship	
Must Use	N106	98	<b>Entity Identifier Code</b>	O ID 2/3

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

FR

Message From

***Must use with the appropriate 1/N101/040 code to indicate the organizations cited in N104 is originating the transaction set.***

**Segment:** **PER Administrative Communications Contact**  
**Position:** 090  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To identify a person or office to whom administrative communications should be directed

- Syntax Notes:**
- 1 If either PER03 or PER04 is present, then the other is required.
  - 2 If either PER05 or PER06 is present, then the other is required.
  - 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**

**Comments:**

**Notes:**

*1. Use only under exceptional circumstances when requiring direct communication with the party originating the transaction set.*

*2. Use to identify a POC and multiple communication numbers. When using multiple repetitions to identify different communication numbers for a single POC, repeat the name cited in PER02.*

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	PER01	366	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named IC Information Contact <i>Must use in the first repetition to identify the primary point of contact.</i>	M ID 2/2
Must Use	PER02	93	<b>Name</b> Free-form name <i>Provide the last name, first name, middle initial, and rate/rank/title, as required, of the individual named as POC. Include blank spaces between name components and periods after initials. Do not include NMN or NMI when a middle initial is not available.</i>	O AN 1/60
Must Use	PER03	365	<b>Communication Number Qualifier</b> Code identifying the type of communication number <i>1. Use to identify the preferred method of communications in PER03/04. Use PER05/06 and PER07/08 to identify additional communications numbers. Use additional repetitions of the PER segment to identify more than three communications numbers.</i> <i>2. Do not include blank spaces or dashes between numbers.</i> AU Defense Switched Network Department of Defense telecommunications system	X ID 2/2

			and successor of the Automatic Voice Network (AUTOVON)	
		EM	Electronic Mail	
		FX	Facsimile	
		IT	International Telephone	
			<i>Include country and city code.</i>	
		TE	Telephone	
		TL	Telex	
		TX	TWX	
<b>Must Use</b>	<b>PER04</b>	<b>364</b>	<b>Communication Number</b>	<b>X AN 1/80</b>
			Complete communications number including country or area code when applicable	
	<b>PER05</b>	<b>365</b>	<b>Communication Number Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type of communication number	
			<i>1. Use to identify an alternate, or secondary, communications number which can be used to contact the entity identified in PER01.</i>	
			<i>2. Do not include blank spaces or dashes between numbers.</i>	
		AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
		EM	Electronic Mail	
		EX	Telephone Extension	
			<i>Use immediately following code AU, IT, or TE to identify telephone extension.</i>	
		FX	Facsimile	
		IT	International Telephone	
			<i>Include country and city code.</i>	
		TE	Telephone	
		TL	Telex	
		TX	TWX	
	<b>PER06</b>	<b>364</b>	<b>Communication Number</b>	<b>X AN 1/80</b>
			Complete communications number including country or area code when applicable	
	<b>PER07</b>	<b>365</b>	<b>Communication Number Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type of communication number	
			<i>1. Use to identify an alternate, or secondary, communications number which can be used to contact the entity identified in PER01.</i>	
			<i>2. Do not include blank spaces or dashes between numbers.</i>	

AU	Defense Switched Network Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
EM	Electronic Mail
EX	Telephone Extension
	<i>Use immediately following code AU, IT, or TE to identify telephone extension.</i>
FX	Facsimile
IT	International Telephone
	<i>Include country and city code.</i>
TE	Telephone
TL	Telex
TX	TWX

**PER08 364 Communication Number** **X AN 1/80**  
Complete communications number including country or area code when applicable

**Not Used PER09 443 Contact Inquiry Reference** **O AN 1/20**  
Additional reference number or description to clarify a contact number

**Segment:** **LX** Assigned Number  
**Position:** 010  
**Loop:** LX Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To reference a line number in a transaction set  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** *Must use as a counter to identify the number of 2/LX/010 loop iterations in the transaction set.*

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M		554	Assigned Number	M N0 1/6
			Number assigned for differentiation within a transaction set	
			<i>In the first 2/LX/010 loop iteration cite numeric 1. In each subsequent loop iteration increase incrementally by 1.</i>	

<b>Segment:</b>	<b>REF</b> Reference Identification
<b>Position:</b>	015
<b>Loop:</b>	LX Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	>1
<b>Purpose:</b>	To specify identifying information
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of REF02 or REF03 is required.</li> <li>2 If either C04003 or C04004 is present, then the other is required.</li> <li>3 If either C04005 or C04006 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 REF04 contains data relating to the value cited in REF02.</li> </ol>
<b>Comments:</b>	
<b>Notes:</b>	<i>Must use to identify the transaction number and suffix associated with the transaction.</i>

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification TN Transaction Reference Number	M ID 2/3
Must Use	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80
	REF04	C040	<b>Reference Identifier</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
M	C04001	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification W8 Suffix Differentiates between partial actions taken on the original transaction	M ID 2/3
M	C04002	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

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<b>Not Used</b>	<b>C04005</b>	<b>128</b>	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	<b>X</b>	<b>ID 2/3</b>
<b>Not Used</b>	<b>C04006</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>X</b>	<b>AN 1/30</b>

<b>Segment:</b>	<b>N1</b> Name
<b>Position:</b>	020
<b>Loop:</b>	N1 Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify a party by type of organization, name, and code
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of N102 or N103 is required.</li> <li>2 If either N103 or N104 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	
<b>Comments:</b>	<ol style="list-style-type: none"> <li>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.</li> <li>2 N105 and N106 further define the type of entity in N101.</li> </ol>

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
<b>M</b>	<b>N101</b>	<b>98</b>	<b>Entity Identifier Code</b>	<b>M ID 2/3</b>
			Code identifying an organizational entity, a physical location, property or an individual	
			<i>Use any code.</i>	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Not Used</b>	<b>N102</b>	<b>93</b>	<b>Name</b>	<b>X AN 1/60</b>
			Free-form name	
<b>Must Use</b>	<b>N103</b>	<b>66</b>	<b>Identification Code Qualifier</b>	<b>X ID 1/2</b>
			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)	
			An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions	
		UR	Uniform Resource Locator (URL)	
<b>Must Use</b>	<b>N104</b>	<b>67</b>	<b>Identification Code</b>	<b>X AN 2/80</b>
			Code identifying a party or other code	
<b>Not Used</b>	<b>N105</b>	<b>706</b>	<b>Entity Relationship Code</b>	<b>O ID 2/2</b>
			Code describing entity relationship	
	<b>N106</b>	<b>98</b>	<b>Entity Identifier Code</b>	<b>O ID 2/3</b>

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

***Use any code.***

Refer to 004010 Data Element Dictionary for acceptable code values.

**Segment:** **LM** Code Source Information  
**Position:** 086  
**Loop:** LM Optional  
**Level:** Detail  
**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:** *Must use the 2/LM/086 loop to identify coded information maintained in department or agency documentation.*

**Data Element Summary**

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

**Segment:** **LQ** Industry Code  
**Position:** 087  
**Loop:** LM Optional  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 100  
**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 consistent with management information requirements.*

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	LQ01	1270 Code List Qualifier Code Code identifying a specific industry code list <i>Use any code.</i>	O ID 1/3
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	LQ02	1271 Industry Code Code indicating a code from a specific industry code list	X AN 1/30

**Segment:** **LIN** Item Identification

**Position:** 090

**Loop:** LIN Mandatory

**Level:** Detail

**Usage:** Mandatory

**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:** *Must use this 2/LIN/090 loop to identify unique identification information.*

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Not Used	LIN01	350 Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
M	LIN02	235 Product/Service ID Qualifier	M ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		<i>Use any code.</i>	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
M	LIN03	234 Product/Service ID	M AN 1/48
		Identifying number for a product or service	
	LIN04	235 Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		ZB	Commercial and Government Entity (CAGE) Code

A code that identifies a commercial contractor  
authorized to do business with the U.S. government

	<b>LIN05</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
<b>Not Used</b>	<b>LIN06</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
<b>Not Used</b>	<b>LIN07</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
<b>Not Used</b>	<b>LIN08</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
<b>Not Used</b>	<b>LIN09</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
<b>Not Used</b>	<b>LIN10</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
<b>Not Used</b>	<b>LIN11</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
<b>Not Used</b>	<b>LIN12</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
<b>Not Used</b>	<b>LIN13</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
<b>Not Used</b>	<b>LIN14</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
<b>Not Used</b>	<b>LIN15</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
<b>Not Used</b>	<b>LIN16</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
<b>Not Used</b>	<b>LIN17</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
<b>Not Used</b>	<b>LIN18</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
<b>Not Used</b>	<b>LIN19</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X AN 1/48</b>
			Identifying number for a product or service	
<b>Not Used</b>	<b>LIN20</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	

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<b>Not Used</b>	<b>LIN21</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/48</b>
<b>Not Used</b>	<b>LIN22</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>X ID 2/2</b>
<b>Not Used</b>	<b>LIN23</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/48</b>
<b>Not Used</b>	<b>LIN24</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>X ID 2/2</b>
<b>Not Used</b>	<b>LIN25</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/48</b>
<b>Not Used</b>	<b>LIN26</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>X ID 2/2</b>
<b>Not Used</b>	<b>LIN27</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/48</b>
<b>Not Used</b>	<b>LIN28</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>X ID 2/2</b>
<b>Not Used</b>	<b>LIN29</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/48</b>
<b>Not Used</b>	<b>LIN30</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>X ID 2/2</b>
<b>Not Used</b>	<b>LIN31</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X AN 1/48</b>

**Segment:** **DTM** Date/Time Reference

**Position:** 120

**Loop:** LIN Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
  - 2 If DTM04 is present, then DTM03 is required.
  - 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**

**Comments:**

**Notes:** *Use to identify dates associated with small arms shipment and receipt inquiries.*

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374		<b>Date/Time Qualifier</b>	<b>M ID 3/3</b>
				Code specifying type of date or time, or both date and time	
				<i>Use any code.</i>	
				Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	DTM02	373		<b>Date</b>	<b>X DT 8/8</b>
				Date expressed as CCYYMMDD	
Not Used	DTM03	337		<b>Time</b>	<b>X TM 4/8</b>
				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)	
Not Used	DTM04	623		<b>Time Code</b>	<b>O ID 2/2</b>
				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	DTM05	1250		<b>Date Time Period Format Qualifier</b>	<b>X ID 2/3</b>
				Code indicating the date format, time format, or date and time format	
Not Used	DTM06	1251		<b>Date Time Period</b>	<b>X AN 1/3/5</b>
				Expression of a date, a time, or range of dates, times or dates and times	

<b>Segment:</b>	<b>REF</b> Reference Identification
<b>Position:</b>	130
<b>Loop:</b>	LIN Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	>1
<b>Purpose:</b>	To specify identifying information
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of REF02 or REF03 is required.</li> <li>2 If either C04003 or C04004 is present, then the other is required.</li> <li>3 If either C04005 or C04006 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 REF04 contains data relating to the value cited in REF02.</li> </ol>
<b>Comments:</b>	
<b>Notes:</b>	<i>Use to provide Unique Identification (UID) information for the purpose of Unique Item Tracking (UIT).</i>

## Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification <i>Use any code.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
	REF02	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	REF03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	REF04	C040	<b>Reference Identifier</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	C04005	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	X ID 2/3

<b>Not Used</b>	<b>C04006</b>	<b>127</b>	<b>Reference Identification</b>	<b>X</b>	<b>AN 1/30</b>
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Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

**Segment:** **N1** Name  
**Position:** 140  
**Loop:** N1 Optional  
**Level:** Detail  
**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.

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	N101	98 <b>Entity Identifier Code</b>	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		<i>Use any code.</i>	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	N102	93 <b>Name</b>	X AN 1/60
		Free-form name	
Must Use	N103	66 <b>Identification Code Qualifier</b>	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		33 Commercial and Government Entity (CAGE)	
Must Use	N104	67 <b>Identification Code</b>	X AN 2/80
		Code identifying a party or other code	
Not Used	N105	706 <b>Entity Relationship Code</b>	O ID 2/2
		Code describing entity relationship	
Not Used	N106	98 <b>Entity Identifier Code</b>	O ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	

**Segment:** **LM** Code Source Information  
**Position:** 450  
**Loop:** LM Optional  
**Level:** Detail  
**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 to identify coded information maintained in department agency documentation.*

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	LM01	559 Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD)	M ID 2/2
Not Used	LM02	822 Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

**Segment:** **LQ** Industry Code  
**Position:** 460  
**Loop:** LM Optional  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 100  
**Purpose:** Code to transmit standard industry codes  
**Syntax Notes:** 1 If LQ01 is present, then LQ02 is required.  
**Semantic Notes:**  
**Comments:**

**Notes:** *1. Use to identify codes, as appropriate, consistent with management information requirements.*  
*2. Use only one repetition for each iteration of the 2/LIN/090 loop.*

**Data Element Summary**

	<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
	<b>Des.</b>	<b>Element Name</b>	
<b>Must Use</b>	<b>LQ01</b>	<b>1270 Code List Qualifier Code</b> Code identifying a specific industry code list <i>Use any code.</i>	<b>O ID 1/3</b>
		Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>Must Use</b>	<b>LQ02</b>	<b>1271 Industry Code</b> Code indicating a code from a specific industry code list	<b>X AN 1/30</b>

**Segment:** **SE** Transaction Set Trailer  
**Position:** 470  
**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.	Data		Attributes
		<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	SE01	96	<b>Number of Included Segments</b>	<b>M N0 1/10</b>
			Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329	<b>Transaction Set Control Number</b>	<b>M AN 4/9</b>
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Cite the same number as the one cited in ST02.</i>	