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DEPARTMENT OF DEFENSE

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MILSTAMP
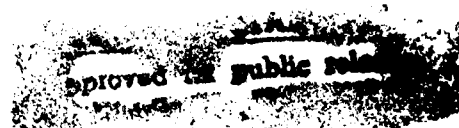
DEFENSE **L**OGISTICS **M**ANAGEMENT **S**YSTEM

ELECTRONIC **D**ATA **I**NTERCHANGE

SUPPLEMENT

Version 1.1

FOREWORD

This supplement is published by the direction of the Assistant Secretary of Defense (Production and Logistics) under the authority of DoD Directive 4000.25, Administration of Defense Logistics Standard Systems. Its purpose is to provide policy and prescribe uniform procedures, data elements and codes, formats, forms, and time standards applicable to the MILSTAMP regulation as implemented under the Defense Logistics Management System.

The provisions of this supplement are effective October 1, 1991, and apply to the Office of the Secretary of Defense, Unified and Specified Commands, organizations of the Joint Chiefs of Staff, Military Departments, Defense Agencies, and by agreement, to other organizations participating in the Defense Logistics Management System.

Department of Defense activities requiring additional copies of this supplement should submit requests through their Service or Agency office responsible for issuing publications. Activities outside the Department of Defense may obtain copies of this supplement from: Headquarters Defense Logistics Agency, ATTN: DLA-XPD, Cameron Station, Alexandria, VA 22304-6100.
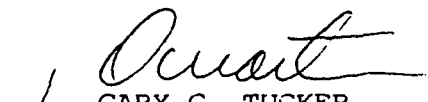
Recommendations for revisions to this supplement are encouraged. All proposed revisions or corrections should be sent to the designated offices identified in chapter 1.

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GARY C. TUCKER
Colonel, USA
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ACRONYMS AND ABBREVIATIONS

Acronyms and Abbreviations Include the following:

ACRONYM OR ABBREVIATION	DEFINITION
ANSI	American National Standards Institute
ASC	Accredited Standards Committee
CCB	Configuration Control Board
DLMS	Defense Logistics Management System
DLSS	Defense Logistics Standard Systems
LDM	Logistics Data Manager
LOGDESMAP	Logistics Data Element Standardization and Management Program
MODELS	Modernization of Defense Logistics Standard Systems
S/A	Service(s)/Agency(ies)

REFERENCES

References Include the following:

(1)   "Modernization of Defense Logistics Standard Systems (MODELS) Site
        Conversion Guide," June 1990, prepared by Defense Logistics Standard
        Systems Division, 6301 Little River Turnpike, Suite 220, Alexandria,
        VA 22312-3508.

(2)   DoD 4000.25-13-M-S-5, "DoD LOGDESMAP Defense Logistics Management
        System Electronic Data Interchange Supplement," effective
        October 1, 1991.

(3)   Document ASC X12S/90-850, "Electronic Data Interchange Standards,
        Draft Version 3, Release 1," December 1990, published by Data
        Interchange Standards Inc., Alexandria, VA 22314-2852.

DEFINITIONS AND TERMS

Definitions and Terms Include the following:

CROSS-REFERENCE FORMATS. These formats provide a mapping of the DLSS data elements to their location within the corresponding EDI transaction set.

DATA ELEMENT. The smallest of EDI building blocks, equivalent to fields in the DLSS. Elements represent the actual alphanumeric, date, time, and other information related directly to a transaction.

DATA SEGMENT. A group of functionally related data elements. The data segment begins with a segment identifier, includes data elements in a predefined sequence and ends with a segment terminator.

ELECTRONIC DATA INTERCHANGE. The standardized computer-to-computer exchange of business information using standards jointly developed and established by standards groups.

IMPLEMENTATION CONVENTIONS. Implementation conventions explain an industry's (in this case, DoD's) use of ANSI X12 EDI transaction sets. They indicate which optional segments of a transaction set are used, which optional elements of a segment are used, which code assignments for a data element are permitted, etc. Conventions define each data element in an EDI transaction and provide instructions for data entry. For transactions being converted to or from fixed-length formats, the conventions also specify where the data elements can be found in the fixed-length record format or hard-copy form. The implementation conventions provide very detailed information regarding correlation between the DLSS and EDI formats.

TRANSACTION SET. A transaction set is a collection of data that is exchanged in order to convey meaning between the parties engaged in electronic data interchange. A transaction set is composed of the specific group of segments that represent a complete document, such as a requisition or a Transportation Control and Movement Document. The set also specifies the sequence of data with a transaction. Three-digit numbers identify a transaction set.

INTRODUCTION

Introduction. Add a new introduction as follows:

A. BACKGROUND

1. In 1962 the DLSS were established providing procedures for communicating requirements, moving materiel, and performing other inter-Service tasks needed to ensure the continuing operation of DoD's logistics system. The DLSS performed satisfactorily for a number of decades. However, over the course of time, the fixed-length DLSS transactions reached their saturation point, and it became virtually impossible - within the existing structure - to satisfy the ever-growing logistics information requirements. Inflexibility and complexity of DLSS transactions created a backlog of approved but unimplemented changes. With the growth of electronic commerce between DoD and industry and other factors, such as increasing transaction traffic and the need for more timely management information, it became apparent that a new system was required.

2. Recognizing that the latest technologies provide opportunities for performing the DoD logistics mission more efficiently and effectively, OSD initiated the Modernization of Defense Logistics Standard Systems program in 1984. Under the MODELS program the Defense Logistics Management System has been established employing Electronic Data Interchange to support current requirements as well as new initiatives. Through EDI, the DLMS gains maximum flexibility to meet the needs of tomorrow although incorporating all the functional requirements of today.

B. SCOPE

1. While it is the objective of the DLMS to integrate the logistics process into a single system spanning all logistics functions, current demands necessitate the continued support of the DLSS individual functions. Supplements for each of the standard systems manuals have been prepared, thereby seeking to smooth the transition process. Each supplement includes the essential guidance for conversion from a specific standard system to its DLMS equivalent as well as policy, procedures, and formats for Service/Agency approved changes with post-Initial Operating Capability implementation dates. Services/Agencies may elect to secure

an early implementation of approved changes where an EDI-compatible trading partner is available.

2. Approved changes included in this supplement will be identified in this paragraph when and as appropriate.

3. Enhancements to the DLSS which were recognized during development of the baseline have been included in the implementation conventions for planning purposes. Pending publication of related policy and procedures, Service/Agencies capable of EDI must request approval for implementation of enhancements identified as "not used." Internal Service-unique data may be transmitted in the appropriate segment without prior approval.

CHAPTER 1

GENERAL INFORMATION

Chapter 1 This chapter contains new and revised information. This chapter must be read in its entirety prior to attempting use of the supplement.

A. AUTHORITY

This supplement is issued under the authority of DoD Directive 4000.25 (reference a.).

B. PURPOSE

This supplement provides policies and prescribes uniform procedures for recording information governed by the MILSTAMP as enhanced under the Defense Logistics Management System. Using electronic data interchange, the DLMS offers expanded capabilities over the fixed-length format employed by the DLSS. Each DLSS manual or regulation has its own supplement structured to correspond closely to its parent manual or regulation and provide the specific guidance necessary to apply the benefits of improved communication techniques to the transfer of logistics information. This supplement is not a stand-alone document and must be used in conjunction with the basic MILSTAMP regulation. Unless specifically rescinded or superseded herein, all policy and procedures addressed in the basic regulation remain in effect.

1. Content

a. Approved DLSS change letters with an implementation date of January 1, 1992, or later are included in the supplement. Approved DLSS changes implemented before this date will be included in the basic regulation through interim or formal changes and will not be published in this supplement.

b. To augment the policy and procedures addressed in the narrative portion, the supplement includes an appendix composed of transaction formats comparable to those of the basic regulation. Called cross-reference formats, a series of subappendices reprise the input instructions of the basic regulation and provide mapping of the DLSS data elements to their location on the corresponding DLMS EDI transaction.

Unique to the supplement, is an appendix made up of implementation conventions. These conventions provide very specific and detailed information to enable translation of DLSS to DLMS EDI formats. Additionally, the implementation conventions incorporate enhancements to the DLSS which may be employed where an agreement has been reached between trading partners and with prior approval from DLSSD. Other standard appendices to the supplement offer further information regarding use, structure, and content of the DLMS EDI transactions.

    2. **Supplement Structure**. The supplement is structured to correlate to the chapters, sections, paragraphs, and appendices of the basic regulation. That is, within the supplement, areas affected by an approved change are generally carried under the same paragraph designation or subappendix number appearing in the basic regulation. The information conveyed in the supplement not only reflects the revised policy or procedures authorized by approved change letters, but also reflects new terminology and processing changes imposed by the DLMS. For example, where DLSS document identifiers were previously sufficient to identify a particular transaction type, under the DLMS it is more appropriate to specify the transaction set number. Although an effort has been made not to replicate information found in the basic regulation, some changes authorized by approved changes letters are so extensive that for ease of understanding the entire section or chapter may be included in the supplement. Introductory statements are provided immediately preceding new or revised information in the supplement to inform the reader how this information relates to the basic regulation. Bold italics are used to highlight substantive changes contained within paragraphs replicated from the basic regulation.

C. APPLICABILITY

    This supplement carries the same applicability as the basic regulation without exception.

D. EXCLUSIONS (RESERVED FOR FUTURE USE)

E. POLICY

    This supplement is governed by the policy prescribed in the basic regulation.

F. RESPONSIBILITIES

Areas of responsibility for this supplement are identified in the basic regulation. Additionally, prior approval from the DLSSD is required for transmission of enhanced data identified as "not used" in the implementation conventions.

G. DISTRIBUTION OF THE SUPPLEMENT

Distribution of the supplement is accomplished in the same manner as the basic regulation.

H. NUMBERING SYSTEM

1. In addition to the front matter (Foreword, Table of Contents, Acronyms and Abbreviations, etc.), the supplement is organized into chapters and appendices. With the exception of new material, chapter and appendix numbers represent the same content as those in the basic regulation. The numbering and formatting practices are also duplicated to the extent possible. Page numbers do not correlate to those in the basic regulation except as occurs by the nature of their parallel structure.

2. Each chapter is divided into sections and paragraphs. Where possible, section, paragraph, and subparagraph numbers correlate to those in the basic regulation. Introductory statements for sections and paragraph containing new or revised material are preceded with the complete applicable section/paragraph/subparagraph number in bold type and double underscore. When necessary to delete, insert new material, or realign paragraphs, the introductory statement provides renumbering instructions. Where an entire chapter is replaced due to extensive revision, section and paragraph numbers may not correspond to the original documentation. (Chapter 1 works as an exception to this in that it provides both new and revised information, but refers the reader back to the basic publication where specific portions remain applicable.)

3. References to particular appendices, chapters, sections, or paragraphs normally pertain to the basic publication unless the supplement is specifically cited, e.g., "see chapter 4, section B of this supplement." However, reference to a particular area of the basic publication does not preclude the possibility that the supplement contains modification to that area. The reader must use the supplement

and the basic publication in tandem to assure that all relevant policy, procedures, codes, etc., become evident.

4. Referenced material first cited in the basic regulation retains its alphabetic reference designation from the basic regulation in the supplement. Referenced material cited first in the supplement carries a numeric designation to differentiate it from the basic regulation.

5. Within the cross-reference formats both alphabetic and numeric footnote designators are used. The alphabetic footnotes convey new information relative to the DLMS. The use of a numeric designation indicates that the footnote first appeared in the basic regulation and is repeated without change in the subappendix. Elsewhere in the supplement, alphabetic footnotes are used exclusively. However, the reader may be refered back to the basic regulation's footnote, indicating that the basic regulation footnote information still applies with no change required for the supplement.

I. CONFIGURATION CONTROL

The purpose of configuration control is to regulate changes to the DLMS. Control of changes includes documentation, justification, systematic evaluation coordination, decision, release, and implementation. The configuration control process ensures that the full impact is defined and evaluated on the related disciplines and considerations listed below before a decision is made to approve and implement a change.

> Functional requirements
> Change justification
> Quality assurance
> Operational readiness
> Systems interfaces
> Technical reviews
> Return on investment analysis

1. **Change Request Submission**. It is planned that the configuration control system become an on-line system. In the interim, the staffing procedures for requested changes will be as follows:

a. The initiator prepares a change request which is routed to the appropriate Service or Agency Process Review Committee member. The PRC member must assure that the change request is prepared in the approved format shown in appendix T of this supplement and that all required change criteria are included. This encompasses:

(1) a description of the requested change and supporting procedures,

(2) functional justification for the requested change including a return on investment analysis and any economic benefits, and

(3) impact of the requested change including those items listed above.

b. The Service/Agency PRC member forwards the change request to the DLSSD Logistics Data Manager or returns it to the initiator with a nonconcurrence and supporting rationale. Change requests should be addressed to the Director, DLSSD, ATTN: DLSSD-R (LDM), at the address in section K.

c. The LDM reviews the change request, assesses the impact, enter comments as appropriate, and forwards the ch... e request to the chair of the applicable PRC. If the change is unacceptable, the LDM may return it to the Service/Agency PRC member with supporting rationale.

d. The chair of the applicable PRC reviews and assesses the affect of the change request and forwards it to DAASO and the Service/Agency PRC members for evaluation, comment, and preferred implementation date. Service/Agency PRC members are allowed 90 days from the date of the change request cover letter to provide their response. Extensions may be granted at the discretion of the PRC chair. Should any member fail to respond within the allotted timeframe, a single followup letter with a 14 day suspense is sent warning that failure to reply will be deemed intentional and concurrence with the proposed change will be assumed. Using all submitted commentaries, the PRC chair evaluates and documents, to the maximum extent possible, each consideration listed in the introductory paragraph of this section. The PRC chair submits the change request package to the CCB recommending approval/disapproval along with a recommended implementation date.

e. The CCB reviews and approves/disapproves the change request package, prioritizes implementation of approved changes, and forwards the change request to DAASO for implementation and/or to ANSI for approval, if required. The Board must inform the LDM of disapproved change requests and the LDM, in turn, initiates the notification of Service/Agency PRC members.

2. **Implementation of Approved Changes**. Implementation of changes will be priortized according to DAASO workload and CCB ranking. All changes to the version/release must be implemented by participating

trading partners. Changes to the version/release will be identified by
the sequential formal change number, which will be issued simultaneously
to each DLMS supplement to maintain consistency. If a system is not
directly affected by the change, its DLMS supplement change will consist
only of a cover page, so stating. In this manner, the baseline version/
release number will be maintained at version 1.1 until such time as
version 2.0 (reflecting ANSI-approved standards and extensive
streamlining of the DLMS transactions) is ready for publication. With
the publication of version 2.0 changes to version 1.1 will be fr

J. PUBLICATION OF CHANGES TO THE SUPPLEMENT

As with the basic regulation, both formal and interim changes may be
issued as required to revise, amplify, or correct material contained in
this supplement. Administrative changes may be issued at any time as a
interim change. Substantive changes to the DLMS baseline affecting
transaction sets, segments, or data elements are permissible only via
controlled changes to the version release as indicated above.

K. FOCAL POINTS

Under the DLMS, the military standard systems are incorporated in
the appropriate DLMS functional area. Functions of the system
administrators have be assumed by the chair of the applicable PRC.
Correspondence for the Transportation PRC should be addressed to the
Director, DLSSD, ATTN: Transportation PRC, at the address below. The
following offices have been designated to represent the Services/Agencies
on the Transportation PRC:

SERVICE/AGENCY	FOCAL POINT ADDRESS
To be established:	To be established.
All DoD Joint Groups, DoD Components not represented by the preceeding focal points	Director, Defense Logistics Standard Systems Division ATTN: Transportation Process Review Committee 6301 Little River Turnpike, Suite 220 Alexandria, VA 22312-3508

L. COMMUNICATIONS

1. **Transition to DDN**. The functional modernization of the DLMS relies heavily on supporting technology. This includes renovation of the communications network which allows users to send and receive logistics information. While the DLSS primarily employs the AUTODIN for this purpose, one modernization objective is to replace AUTODIN with the DDN. Transition to the DDN has been mandated by OSD and is highly recommended and supported by DLSSD; however, the exchange of transactions through AUTODIN will continue to be supported by DAASO until this is accomplished.

2. **Logistics Gateway Nodes**. Network interface devices, known as logistics gateway nodes, will perform a translation service to permit continued use of fixed-length DLSS transactions until DoD components and participating agencies become fully EDI-compatible. This feature will permit logistics activities to continue to send and receive the familiar 80-column transactions during the lengthy transition process. When their internal systems can handle them, activities may start sending and receiving variable-length EDI transactions in compliance with procedures outlined in this supplement.

3. **System Network Problems**. System network problems do not require staffing and are reported directly to DAASO for resolution according to the procedures outlined herein.

   a. If a system network problem is noted, the activity experiencing the difficulty will determine whether the problem is due to their local operating system or hardware or to factors outside of their control.

   (1) If it is within their capability to rectify, appropriate action should be taken at the local level; and DAASO should be notified to hold or reroute their incoming transactions, if necessary, until the problem has been corrected.

   (2) If the problem is due to a factor beyond the activity's control, such as a system network malfunction or a program logic or hardware problem with a DLMS transaction, then the activity should ascertain the nature and extent of the problem and report it electronically to DAASO for resolution.

   b. DAASO receives all system network problems reported by the participating DLMS activities, develops and executes corrective actions, and notifies all affected activities of the problems and corrective action to be taken. DAASO assigns their highest workload priority to

system network problem reports and holds or reroutes transactions as necessary until the problem has been corrected.

      c. DAASO immediately enters all system network problem reports into the change request system and records all subsequent related actions.

      4. **Additional Information**. For additional information on communications features and to facilitate understanding and planning for the DLMS, the Modernization of Defense Logistics Standard Systems (MODELS) Site Conversion Guide (reference (1)) is available from the Director, DLSSD, ATTN: MODELS Program Manager, at the address in section K.

APPENDIX A

DEFINITIONS

Appendix A   For new definitions not included in appendix A of the basic
regulation, see Definitions and Terms in this supplement.

APPENDIX B

ACRONYMS

Appendix B For new acronyms not included in the basic regulation, see Acronyms and Abbreviations in this supplement.

APPENDIX D

CROSS-REFERENCE FORMATS

INDEX

APPENDIX D

CROSS-REFERENCE FORMATS

INTRODUCTION

A. GENERAL INFORMATION

1. This appendix is a cross-reference between the TCMD formats in the MILSTAMP basic regulation, and the ANSI Transaction 858 - Shipment Information. It has been prepared to assist in the implementation of the transaction to meet the Defense transportation data exchange requirements. The cross-reference is a compilation of the record layout figures adopted from MILSTAMP.

2. The original MILSTAMP fixed length format layout has been retained with additional information added. The original included the first three of the following columns. The fourth column has been added to provide the cross-reference information.

  Field Legend
  Record Position(s)
  Entry and Instructions
  DLMS Data Element Reference Designator

3. Each fixed length transaction data element is listed in record position order. The DLMS Data Element Reference Designator column shows where this same data element is located in the EDI transaction. The reference designator always consists of two or three alphanumeric characters followed by two numerics. The two numerics are the data element position within the EDI segment, and the alphanumerics are the unique EDI segment name. The example, N104 is the fourth data element in the N1 segment. See appendix O of this supplement for greater detail on the DLMS transaction.

4. Terms used in the right margin of the cross-reference are defined as follows:

Term	Definition
H	The data is Located in the Heading.
Computed	DLMS Translation Software will Compute the Data as Required. May Include Note on Source of Data.
NA	Not Applicable.
P	Data is Carried in the Prime Record. ᴬ
Implied	DLMS Translation Software will Enter the Data Required.

B. DOCUMENT IDENTIFIER CROSS-REFERENCE TO DLMS TRANSACTION SET

1. The following shows the relationship of the MILSTAMP Vol. I, figure D-1 document identifier and the corresponding EDI transaction set.

Transaction Set	DI Code	Title
858	T_0	TCMD Prime Document for Release Unit (RU) Shipment (Including Empty SEAVAN, CONEX, etc.) Not in a Consolidation Container.
858	T_1	TCMD Prime Document for Less than Release Unit (LRU) Shipment (Including Empty SEAVAN, CONEX, etc.) Not in a Consolidation Container.
858	T_2	TCMD Prime Document (Header) for Loaded RORO, SEAVAN, MILVAN, or Air Pallet.
858	T_3	TCMD Prime Document (Header for CONEX, Unitized Pallet load, or Other Consolidation Container Containing Multiple Shipment Units.
858	T_4	TCMD Prime Document for Shipment Units Consolidated in a Container (CONEX, SEAVAN, MILVAN, 463L Pallet, RORO, or Unitized Pallet Load).
858	T_5	TCMD Trailer Document for Cargo with Outsized Dimensions.
858	T_6	TCMD Trailer Document for Identifying Ammunition Round Count and Coding Data Peculiar to Ammunition, Explosives, and Other Hazardous Material.
858	T_7	TCMD Trailer Document for Listing the Net Explosive Weight (NEW) and Lot Number of Ammunition and Explosives.

ᴬ P indicates data from a prime or "content prime" record. A "content prime" represents a shipment unit prime card that is subordinate to a consolidation prime.

Transaction set	DI Code	Title
858	T_8	TCMD Trailer Document for Listing Personal Property Information.
858	T_9	Trailer Document for Listing Miscellaneous Information Both in General and as Specified in Appendix D of MILSTAMP.

2. Special Instructions

a. The second position of the TCMD DI code is determined by the type of shipment in accordance with the following:

Code	Type Shipment
B	Accompanied Baggage.
C	Armed Forces Courier Service (ARFCOS).
E	Ammunition and Explosives.
F	Unaccompanied Baggage.
G	Mail from Postal Concentration Centers.
H	Household Goods.
J	Hazardous Materials (Except Ammunition and Explosives or Consumer Commodities ORM-D).
L	Dunnage and Lashing Gear.
P	Privately Owned Vehicles.
U	Equipment in Sets or Systems.
V	Government Vehicles, Trailers, Wheeled Guns, and Aircraft.
X	Shipments (Including ORM-D) Not Otherwise Covered Above.

b. The code "D" in the second position indicates intraservice use only.

c. The code "R" in the first position indicates a simulated mobilization exercise. No physical movement of material is required.

C. TITLE CROSS-REFERENCE TO DLSS APPENDIX

The following lists the DLSS transactions which comprise DLMS Transaction
Set 858, and gives the figure number in the basic publication for each one.

APPENDIX D1

SHIPMENT/INFORMATION
(TRANSACTION SET 858)

PRIME DATA TCMD ENTRIES FOR
SINGLE SHIPMENT UNITS
(INCLUDING EMPTY SEAVAN/MILVAN/CONEX)

DD Form 1384 Block	Prime Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
1	1 – 3	Enter a three-position code. The first digit is always a "T." The second and third digits are selected from the list in appendix F, paragraph 2.b.(1).	N901 & 02	
2	4 – 8	Enter the trailer, van, or container number, if any, as explained in appendix F, paragraph 3. If none, leave blank. For all air shipments, enter the FSC in rp 5-8. Leave rp 4 blank. For Army shippers, the Army ACA will provide FSC data to USTRANSCOM as required.	N702 N901&02	500 500
3	9 – 14	Enter the DoDAAC of the consignor. The in-the-clear address may be added on the DD Form 1384, Transportation Control and Movement document.	N901 & 02	500
4	15 – 19	Enter the applicable commodity code from appendix F, paragraph 4. For water, enter a five-position code. For air, enter a two-position code in rp 18-19. For short shelf-life items, enter one of the following codes in rp 15: K for GSA-managed sealants/adhesives, "M" for medical items, "Z" for all other short-shelf life items.	L501, 03, & 04	500
5	20	For air, enter a code from appendix F, paragraph 5.	N901 & 02	500
6	21 – 23	Enter the appropriate aerial or water port of embarkation identifier code from appendix F, paragraphs 6 or 7.	R401 – 03	H
7	24 – 26	Enter the appropriate aerial or water port of debarkation identifier code from appendix F, paragraphs 6 or 7.	REF01 & 02	
8	27	Enter the mode/method code from appendix F, paragraph 9 for movement from origin to the POE.	BX01 – 03	H
9	28 – 29	Enter the type pack code from appendix F, paragraph 10.	L505	500
10	30 – 46	Enter the shipment TCN.	N901&02 B/	500
11	47 – 52	Enter the DoDAAC of the consignee. The in-the-clear address may be added on the DD Form 1384. For personal property, identify the Military activity responsible for receiving/processing the shipment at destination.	N901 & 02 C/	500
12	53	Enter the transportation priority.	N901 & 02 A/	500
13	54 – 56	Enter the RDD, if any. (See chapter 2, paragraph B.1.b.(3).)	N904 A/	500
14	57 – 59	Enter the project code, if any. (See chapter 2, paragraph B.1.b.(4).)	N901 & 02	500
15	60 – 62	Enter the code for the date the shipment moved to the POE. (See appendix F, paragraph 11.)	N904 & 05 B/	500
16	63	Enter the ETA code. (See appendix F, paragraph 12.)	N904 C/	500

A/ RDD in same N9 segment with transportation priority.

B/ Date shipment moved to POE in same N9 segment as TCN.

C/ ETA code in same N9 segment as consignee DoDAAC.

DD Form 1384 Block	Prime Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
17	64 – 67	Enter the shipment unit TAC.	N901 & 02	500
22	68 – 71	Enter total number of pieces in the shipment unit. (See chapter 2, paragraph B. 1. b.(7)(d).) When shipping a Government vehicle, trailer, wheeled gun, or aircraft with BII, see footnote 3, page D1-14.	L008 & 09	510
23	72 – 76	Enter the total weight of the shipment unit. (See chapter 2, paragraph B.1 b.(7)(d).)	L004, 05 & 11	510
24	77 – 80	Enter the total cube of the shipment unit. (See chapter 2, paragraph B.1.b.(7)(d).)	L006 & 07	510

PRIME DATA TCMD ENTRIES FOR SINGLE SHIPMENTS BY THE ARMED FORCES COURIER SERVICE (ARFCOS)

DD Form 1384 Block	Prime Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
1	1 – 3	Enter TC1.	N901 & 02	500
2	4 – 8	For all air shipments, leave rp 4 blank and enter the FSC in rp 5-8.	N901 & 02	500
3	9 – 14	Enter CTS plus the APOE air terminal identifier code.	N901 & 02	500
4	15 – 17	Leave blank.		
4	18 – 19	Enter the air commodity code. (See appendix F, paragraph 4.)	L501, 03, & 04	500
5	20	Enter a code selected from appendix F, paragraph 5.	N901 & 02	500
6	21 – 23	Enter the APOE air terminal identifier code from appendix F, paragraph 6.	R402 –03 C/	H
7	24 – 26	Enter the APOD air terminal identifier code from appendix F, paragraph 6.	REF01 & 02	500
8	27	Enter "9" if CTS and APOE are collocated; otherwise, enter "X."	R401 C/	H
9	28 – 29	Enter the type pack code. (See appendix F, paragraph 10.)	L505	500
10	30 – 46	Enter the TCN. (See appendix C, paragraph 6.)	N901 & 02 A/	5
11	47 – 52	Enter CTS plus the APOD air terminal identifier code.	N901 & 02 B/	500
12	53	Enter the transportation priority	N901 & 02	500
13	54 – 56	Leave blank.		
14	57 – 59	Leave blank.		
15	60 – 62	Enter the GMT code for the date shipment released to the APOE. (See appendix F, pararaph 11.c.)	N904 & 05 A/	500
16	63	Enter the ETA code. (See appendix F, paragraph 12.)	N904 B/	500
17	64 – 67	Enter 0003.	N901 & 02	500
22	68 – 71	Enter the total pieces in shipment unit.	L008 & 09	510
23	72 – 76	Enter the total weight of shipment unit.	L004, 05 & 11	510
24	77 – 80	Enter the total cube of shipment unit.	L006 & 07	510

A/ GMT code for date shipment released to a POE in same N9 segment as TCN.

B/ ETA code in same N9 segment as CTS and a POD code.

C/ APOE code and collocation code are carried in the same R4 segment.

PRIME DATA TCMD ENTRIES FOR LOADED RORO TRAILERS EXPLANATORY NOTES

DD Form 1384 Block	Prime Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
1	1 – 3	Enter three-position code. The first position is always "T." The second position is selected from appendix F, paragraph 2.b.(1). For RORO trailers, the third position is "2."	N901 & 02	500
2	4 – 8	Enter the number of the RORO trailer. (See appendix F, paragraph 3.d.)	N702	500
3	9 – 14	Enter the DoDAAC of the loading activity. In-the-clear text may be added on the DD Form 1384.	N901 & 02	500
4	15 – 19	For trailers containing more than one commodity; if any is hazardous material, prepare the TCMD as explained in figure D-5, note 1. For all others, enter the applicable commodity code from appendix F; paragraph 4 as follows: For water, enter the five-position code for the commodity with the greatest total cube. For air, enter the two-position code for the commodity with the greatest weight in rp 18-19. For short shelf-life items, enter "K" for GSA-managed sealants/adhesives, "M" for medical items, or "Z" for any other commodity with limited shelf life in rp 15.	L501, 03, & 04	500
5	20	For air shipments, enter a code selected from appendix F, paragraph 5.	N901 & 02	500
6	21 – 23	Enter the appropriate POE air or water port identifier code. (See appendix F, paragraphs 6 and 7.)	R401 –03	H
7	24 – 26	Enter the appropriate POD air or water port identifier code. (See appendix F, paragraphs 6 and 7.)	REF01 & 02	500
8	27	Enter the mode/method code by which the loaded RORO will be delivered to the POE. (See appendix F, paragraph 9.) If loaded at the POE, leave blank.	BX01 –03	H
9	28 – 29	Enter Type Pack Code RT.	L505	500
10	30 – 46	Enter the shipment unit TCN. (See appendix C, paragraph 8.)	N901 & 02 [A]	500
11	47 – 52	Enter the DoDAAC of the RORO consignee. In-the-clear text may be added on the DD Form 1384.	N901 & 02 [B]	500
12	53	Enter the highest transportation priority contained in the loaded RORO	N901 & 02 [C]	500
13	54 – 56	Enter the earliest RDD assigned to any shipment units loaded in the RORO.	N904 [A]	500
14	57	If RORO contents for a single consignee, enter "S;" if for multiple consignees, enter "M."	N714	500
	58 – 59	Enter the total number of shipment units in the RORO. If more than 99, enter "XX" and list the total number in a T_9 entry.	L502	500
15	60 – 62	Enter the date code for the day the RORO is expected to be released for movement to the POE. If loaded at the POE, leave blank. (See appendix F, paragraph 11.)	N904 & 05 [A]	500
16	63	Enter code for ETA at the POE. If loaded at the POE, leave blank. (See appendix F, paragraph 12.)	N904 [C]	500
17	64 – 67	Leave blank.		
22	68 – 71	Enter 0001.	L008 & 09	510
23	72 – 76	Enter the total weight of RORO and its contents preceded by zeros if less than five digits.	L004, 05 & 11	510
24	77 – 80	Enter gross cube of RORO preceded by zeros if less than four digits.	L006 & 07	510

[A] The day the RORO is expected to be released in the same N9 segment as the TCN.

[B] Code for ETA at POE in same N9 segment as the RORO consignee DoDAAC.

[C] RDD in same N9 segment as the transportation priority.

PRIME DATA TCMD ENTRIES FOR LOADED SEAVAN/MILVAN (VAN)

DD Form 1384 Block	Prime Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
1	1 – 3	Enter a three-position code. The first position is always a "T." The second position is selected from appendix F. paragraph 2.b.(1). For MILVAN/SEAVAN, the third position is "2." (See Note 1)	N901 & 02	500
2	4 – 8	Enter the last five digits of the SEAVAN/MILVAN number. (See appendix F, paragraph 3.b.)	N702	500
3	9 – 12	Enter the SEAVAN ownership code (appendix F, paragraph 14).	N712	500
3	13 – 14	Enter the length, in feet, of the van used.	N715	500
4	15 – 17	Enter the appropriate commodity code from appendix F, paragraph 4. For vans. containing more than one commodity, use the code for the commodity with the greatest cube. [1]/ In the T__2 entries descriptive data is not required for NOS commodities. Enter the applicable code from the following list: 130 Chill subsistence NOS 135 Chill, Other than subsistence NOS 192 Freeze subsistence NOS 195 Freeze, other than subsistence NOS 40X Ammunition/explosives 500 Subsistence NOS 610 – 614 Mail 690 – 692 Empty containers 70D Consumer commodity ORM-D 70X Hazardous materials other than 40X and 700 D 700 General cargo NOS 894 Wheeled or tracked vehicles	L501, 03 & 04 A/	500
4	18 – 19	Enter the type cargo/special handling code. (See appendix F, paragraph 4).	L503 & 04 A/	500
5	20	Leave blank.		
6	21 – 23	Enter POE water port identifier codes (see appendix F, paragraph 7).	R401 – 03	II
7	24 – 26	Enter POD water port identifier codes.	REF01 & 02	500
8	27	Enter the mode/method code for movement to the POE. (See appendix F, paragraph 9.) If the van is loaded at the POE leave blank.	BX01 – 03	H
9	28 – 29	Enter the type pack code from appendix F, paragraph 10.d.	L002 & 03	510

[1]/ If a SEAVAN/MILVAN contains multiple commodities, any of which are hazardous:

The DI code is TE2 for ammunition and explosives, TX2 for ORM-D not loaded with any other hazardous materiel, or TJ2 for all other hazardous materiel.

A/ RP 15-17 and RP 18-19 entered in same L5 segment as though they were a single entry.

DD Form 1384 Block	Prime Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
10	30 – 46	Enter the SEAVAN/MILVAN TCN. (see appendix C, paragraph 10.).	N901 & 02 B/	500
11	47 – 52	Enter the DoDAAC of the van consignee. For stopoff, show intermediate consignee(s) and final consignee in T__9 data.	N901 & 02 C/	500
12	53	Enter the highest transportation priority of any shipment unit loaded in the van.	N901 & 02 D/	500
13	54 – 56	Enter the earliest RDD of any shipment unit in the van.	N904 D/	500
14	57	Enter code for single or multiple consignees and method of delivery from the following list:	N714	500
		S Single consignee at a single destination.		
		M Multiple consignees via a breakbulk point for distribution to the appropriate consignees.		
		C Multiple consignees via a centralized receiving point for distribution to the ultimate consignees		
		1 – 9 Multiple consignees via stopoffs. Enter the number of stopoffs, excluding the final consignee.		
14	58 – 59	Enter the total number of shipment units loaded in the van. If more than 99, enter "XX" and show the number of shipment units loaded in T__9 data entries.	L502	500
15	60 – 62	Enter the code for the date the van will be released for movement to the POE (see appendix F, paragraph 11.). If the van is loaded at the POE, leave blank.	N904 B/	500
16	63	Enter the code for the ETA at the POE. If the van is loaded at the POE, leave blank. (See appendix F, paragraph 12).	N904 & 05 C/	500
17	64 – 67	Enter the van cubic capacity in whole cubic feet as listed on the van, preceded by zeros if less than four digits.	N708 & 09	500
22	68 – 71	For MILVANS, enter "0001;" for SEAVANS, enter the total number of pieces preceded by zeros, if than than four digits.	L008 & 09	510
23	72 – 76	For MILVANS, enter the total weight of the van and its contents. For SEAVANS, enter only total weight of the contents of the van preceded by zeros, if less than five digits.	L004, 05 & 11	510
24	77 – 80	For MILVANS, enter the outside cube of the van. For SEAVANS, enter the total cube of the van contents preceded by zeros, if less than four digits.	L006 & 07	510

B/ Code for date van will be released to move to POE in same N9 segment as TCN.

C/ Code for ETA at POE in same N9 segment as DoDAAC of the van consignee.

D/ RDD in same N9 segment as the transportation priority.

PRIME DATA TCMD ENTRIES FOR CONEX (CONTAINING CARGO), UNITIZED PALLET LOADS, AND ALL LOADED CONSOLIDATION CONTAINERS (OTHER THAN RORO/SEAVAN/MILVAN)

DD Form 1384 Block	Prime Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
1	1 – 3	Enter three-position code. The first position is always "T." Select the second position from the list in appendix F, paragraph 2.b.(1). For consolidation containers, the third position is always "3."	N901 & 02	500
2	4 – 8	Enter the number marked on the consolidation container. (See appendix F, paragraphs 3.b. and c.) [1]	REF01 & 02	500
3	9 – 14	Enter the DoDAAC of the activity loading the consolidation container. In-the-clear text may be added on DD Form 1384.[1]	N901 & 02	500
4	15 – 19	Enter the applicable commodity code. (See appendix F, paragraph 4.) For water, enter the five-position code for the commodity with the greatest cube. For air, enter the two-position code for the commodity with the greatest weight in rp 18-19. For short shelf-life items, enter "K" for GSA managed sealants/adhesives, "M" for medical items, or "Z" for all others in rp 15.	L501, 03 & 04	500
5	20	For air shipments, enter code from appendix F, paragraph 5.	N901 & 02	
6	21 – 23	Enter the appropriate POE air or water port identifier code. (See appendix F, paragraphs 6 and 7.)	R401 –03	H
7	24 – 26	Enter the appropriate POD air or water port identifier code.	REF01 & 02	500
8	27	Enter the mode/method code for movement of the consolidation container to the POE. (See appendix F, paragraph 9.) For consolidation containers loaded at the POE, leave blank.	BX01 –03	H

[1] When a consolidation container is loaded in a RORO, MILVAN, or SEAVAN, the following entries apply:

2	4 – 8	Enter the RORO/SEAVAN/MILVAN number.	N702	P
3	9 – 14	Enter the consolidation container number.	REF01 & 02	500

DD Form 1384 Block	Prime Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
9	28 – 29	Enter the type pack code. (See appendix F, paragraph 10.)	L505 L002 & 03 A/	500 519
10	30 – 46	Enter the shipment unit TCN. (See appendix C, paragraph 8.)	N901 & 02 B/	500
11	47 – 52	Enter the DoDAAC for consignee of the consolidation container. In-the-clear text may be added on DD Form 1384.	N901 & 02 C/	500
12	53	Enter the highest transportation priority for any shipment unit loaded in the consoldiation container.	N901 & 02 D/	500
13	54 – 56	Enter the earliest RDD for any shipment unit loaded in the consolidation container	N904 A/	500
14	57 – 59	Enter the project code, if any. (See chapter 2, paragraph B.1.b.(4).)	N901 & 02	500
15	60 – 62	Enter the code for the date other shipment will be released for movement to the POE. (See appendix F, paragraph 11.)	N904 & 05 E/	500
16	63	Enter the ETA code from appendix F, paragraph 12. 2/	N904 F/	500
17	64 – 67	Leave blank.		
22	68 – 71	Enter 0001.	L008 & 09	510
23	72 – 76	Enter the total weight of the consolidation container and its contents, preceded by zeros if less than five digits.	L004, 05 & 11	510
24	77 – 80	Enter the gross cube of the consolidation container, preceded by zeros if less than four digits.	L006 & 07	510

2/ For shipments of consolidation containers also loaded in a RORO, MILVAN, or SEAVAN, the prime data T__3 entries are changed as follows:

16	63	Enter one of the following codes to indicate if individual shipment units are to be delivered to the RORO, MILVAN, or SEAVAN consignee or at stopoff points:	L506	500

X	There are no stopoffs.
1	Deliver this shipment at first stopoff.
2	Deliver this shipment at second stopoff.
3, 4 ...	Deliver at third, fourth, etc., stopoff.
Z	Deliver at final destination.

A/ L0 used for CONEX.

B/ Code for date shipment will be released for movement to the POE in the same N9 segment as the TCN.

C/ ETA code in same N9 segment as consignee DoDAAC.

D/ RDD in same N9 segment as transportation priority.

E/ Code for date shipment will be released for movement to the POE in the same N9 segment as the TCN.

F/ ETA code in same N9 segment as consignee DoDAAC.

PRIME DATA TCMD ENTRIES FOR SHIPMENT UNITS LOADED INTO ALL CONSOLIDATION CONTAINERS (SEAVAN/MILVAN/RORO/CONEX/UNITIZED PALLET/ETC.)

DD Form 1384 Block	Prime Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
1/32	1 – 3	Enter a three-position code. The first position is always a "T." The second and third positions are selected from the list in appendix F, paragraph 2b (1). On advance TCMDs for shipment units loaded in any consolidation container, the third position is "4."	N901 & 02	500
2/33	4 – 8	Enter the number of the RORO trailer, SEAVAN/MILVAN, or other consolidation container as explained in appendix F, paragraph 3. The number entered is always identical to the number in block 2 (rp 4 – 8) of the corresponding T__2 or T__3 entry.[1]	N702 REF01 & 02	P
3/34	9 – 14	Enter the DODAAC of the consignor of the actual shipment unit loaded in the RORO trailer, SEAVAN, MILVAN or other consolidation container; the clear text may be added on DD Form 1384. [1]	N901 & 02	500
4/35	15 – 19	Enter the applicable code for the mode of overseas movement. For water, enter the applicable five-position code from appendix F, paragraph 4. For air, enter the applicable two-position code from appendix F, paragraph 4. On punchcards, rp 15 – 17 are left blank except for short shelf life items. These items are identified in rp 15 by a "K" for GSA-managed sealants/adhesive, "M" for medical items, and "Z" for all other with limited remaining shelf life. (NOTE: HQ MAC deletes the rp 15 data before sending the TCMD to the APOE.)	L501, 03 & 04	500
5/36a	20	Used only for air shipments, the code applies to the actual shipment unit in the RORO trailer, SEAVAN, MILVAN, or other consolidation container and is selected from appendix F, paragraph 5.	N901 & 02	500
6/36b 7/37	21 – 23 24 – 26	Enter the aerial port codes from paragraph F-6 or the water port codes from appendix F, paragraph 7.	R401 – 03, REF01 & 02	H 500
8/38	27	Enter the code from appendix F, paragraph 9 representing the mode/method by which the consolidated shipment will be delivered to the POE. The code entered is always identical to the code in block 8 (rp 27) of the corresponding T__2 or T__3 entry. Whenever the shipment is loaded into any consolidation container at the POE, leave blank.	BX01 –03	P
9/39	28 – 29	Enter the type pack code selected from appendix F, paragraph 10 for the individual shipment unit in any consolidation container.	L505	500

[1] For shipment units in consolidation containers also loaded in RORO/SEAVAN/MILVAN, the prime data T__4 entries are changed as follows:

2/33	4 – 8	Enter the RORO/SEAVAN/MILVAN number from the prime data T__2 entry in Block 2 (rp 4 – 8).	N702	P
3/34	9 – 14	Enter the number marked on the consolidation container as explained in appendix F, paragraphs 3b and c. Leave rp 14 blank.	REF01 & 02	500

DD Form 1384 Block	Prime Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
10/40	30 – 46	Enter the TCN (of the individual shipment unit) constructed as detailed in appendix C.	N901 & 02 [B]	500
11/41	47 – 52	Enter the DODAAC for the ultimate consignee of the individual shipment unit; the clear text may be added on DD Form 1384.	N901 & 02 [C]	500
12/42	53	Enter the transportation priority (of the individual shipment unit) as explained in paragraph 2-B-1b(2).	N901 & 02 [A]	500
13/43	54 – 56	Enter the required delivery date (of the individual shipment unit) as explained in paragraph 2-B-1b(3); if none, leave blank.	N904 [A]	500
14/43	57 – 59	Enter the project code (of the individual shipment unit), if any, as explained in paragraph 2-B-1b(4).	N901 & 02	500
15/43	60 – 62	Enter the code for the (expected) date of release for movement of the individual shipment unit to the POE as explained in appendix F, paragraph 11.	N904 & 05 [B]	500
16/43	63	Enter the estimated time of arrival code (for the individual shipment unit) from appendix F, paragraph 12. [2]	N904 [C]	500
17/41	64 – 67	Enter the transportation account code for the individual shipment unit from MILSTAMP, Volume II, or other source document.	N901 & 02	500
22/44	68 – 71	Enter the number of pieces in the individual shipment unit. If greater than 9999, see paragraph 2-B-1b(7)(d).	L008 & 09	510
23/44	72 – 76	Enter the total weight of the individual shipment unit. If greater than 99,999, see paragraph 2-B-1b(7)(d).	L004, 05 & 11	510
24/44	77 – 80	Enter the total cube of the individual shipment unit. If greater than 9999, see paragraph 2-B-1b(7)(d).	L006 & 07	510

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[1] For all shipments in a SEVAN/MILVAN the prime data T__4 entries are changed as follows:

16/43	63	Enter the code indicating whether the individual shipment unit is to be delivered at a particular stopoff point or at the ultimate destination of the SEAVAN/MILVAN. Select the code from the following list.	L506	500

Code	Explanation
X	There are not intermediate stopoffs.
1	This shipment unit is to be delivered at the first stopoff.
2	This shipment unit is to be delivered at the second stopoff.
3, 4 . . .	This shipment unit is to be delivered at the third, fourth . . . stopoff.
Z	There are intermediate stopoffs, but this shipment is to be delivered to the SEAVAN/MILVAN consignee shown in the Block 11/rp 47 – 52, T__2 entry.

[A] Expected date or release in same N9 segment as TCN

[B] ETA code in same N9 segment as consignee DoDAAC.

[C] RDD in same N9 segment as transportation priority.

TRAILER DATA TCMD ENTRIES
FOR OUTSIZED DIMENSIONS

DD Form 1384 Column [1]	Trailer Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
32	1 – 3	Enter a three-position code. The first position is always a "T." The second and third positions are selected from the list in paragraph F-2b(1). The second position is always the same as the second position of the corresponding prime data entry On advance TCMDs for shipments with outsized dimensions, the third position is a "5." [2]	N901 & 02	500
33	4 – 8	Enter the trailer, van, or container number, if any, as explained in appendix F, paragraph 3. If none, leave blank. Any number entered is always the same as the corresponding prime data entry.	N702. REF01 & 02	P P
34	9 – 14	For Government vehicles, trailers, wheeled guns, and aircraft, enter the model or abbreviated nomenclature. For all other items, leave blank.	L501 & 02 [a]	500

[1] On the DD Form 1384, the only required T__5 entries are those in columns 32, 34, 35, 40, 43 and 44; others may be left blank.

[2] For shipments of vehicles to Central and South America, a trailer data TV9 entry is made indicating the "make" and "year" in columns 43 – 44 (rp 54 – 79), and the trailer data TV5 entries are changed as follows:

DD Form 1384 Column	Trailer Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
34	9 – 14	Enter the "model" instead of nomenclature.	L502	500

[a] Rp 9 – 19 entered in a single L502 for Government vehicles, trailers, wheeled guns, and aircraft.

DD Form 1384 Column	Trailer Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
35	15 – 19	For Government vehicles, trailers, wheeled guns, and aircraft, enter "BII" in rp 15 – 17 and the number of pieces of BII per vehicle in rp 18 – 19; e g., "BII02" for two pieces, "BII00" for none, etc. 3/ For all other items, enter the commodity code used in the prime data T_0, T_1, or T_4 entries.	L501 & 02, A/ L501, 03 & 04	500 P
36a	20	Used for air shipments only. The code is selected from appendix F, paragraph 5.	N901 & 02	P
36b 37	21 – 23 24 – 26	Enter the same aerial port codes or water port codes used in the corresponding prime data entry.	R401 –03, REF01 & 02	P P
38	27	Enter the same mode/method code used in the corresponding prime data entry.	BX01 –03	P
39	28 – 29	Enter the same type pack code used in the corresponding prime data entry.	L002 & 03, L505	P
40	30 – 46	Enter the same TCN used in the corresponding prime data entry.	N901 & 02	P
41	47 – 52	Enter the same consignee DODAAC used in the corresponding prime data entry.	N901 & 02	P
42	53	Enter the same transportation priority used in the corresponding prime data entry.	N901 & 02	P

3/ The following illustrates selected TCMD entries for shipments of vehicles with basic issue items and/or detached component parts.

A single MILSTRIP requisition consists of two road construction vehicles each with two pieces BII and one detached component part a clamshell bucket). Each vehicle weighs 8000 pounds and measures 960 cube. Each piece of BII weighs 50 pounds and measures three cube. Each clamshell bucket weighs 1000 pounds and measures 100 cube. Selected TCMD entries are as follows:

	DI (rp 1 – 3)	Commodity/ Spec. Hdlg. (rp 15 – 19)	TCN Last 3 Pos. (rp 44 – 46)	Pieces	Weight (rp 68 – 80)	Cube
1st vehicle	TVO	885Z9	XAA	0001	08100	0960
(BII)	TV5	B1102	XAA		Serial Number	
(Clamshell bucket	TX0	597Z9	XAB	0001	01000	0100
2nd vehicle	TV0	885Z9	XBA	0001	08100	0960
(BII)	TV5	BII02	XBA		Serial Number	
(clamshell bucket)	TX0	597Z9	XBB	0001	01000	0100

NOTE: DI TV0 is assigned to identify that the two vehicles, with component parts, constitute a RU requiring an export traffic release. The TV0 weight includes the BII. When BII is attached to the vehicle in such a manner to increase the vehicle dimensions, the cube is increased accordingly. The partical codes in TCN position 16 identify each vehicle and its related component part moving as partial shipment units under a single requisition. The split codes in TCN position 17 relate the component part with the vehicle for movement as an integral unit.

A/ Rp 9 – 19 entered in a single L502 for Government vehicles, trailers, wheeled guns, and aircraft.

DD Form 1384 Column	Trailer Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
43	54 – 59	Enter the length of the item in inches (preceded by zeros if less than five digits) followed by the letter "L," e.g., "00235L."	MEA02 – 04	510
	60 – 63	Enter the width in inches (preceded by zeros if less than three digits) followed by the letter "W," e.g.,"096W."	MEA02 – 04	510
	64 – 67	Enter the height of the item in inches (preceded by zeros if less than three digits) followed by the letter "H," e.g., "053H."	MEA02 –04	510
44	68 – 71	Enter the number of pieces to which the dimensions apply. (Precede the number by zeros if less than four digits. If greater than 9999, see paragraph 2-B-1b(7)(d).) [4]	L008 & 09	510
	72 – 76	Enter the weight of one piece to which the dimensions apply. (Precede the number by zeros if less than five digits. If greater than 99,999, see paragraph 2-B-1b(7)(d).) [4]	L004, 05 & 11	510
	77 – 80	Enter the cube of one piece to which the dimensions apply. (Precede the number by zeros if less than four digits. If greater than 9999, see paragraph 2-B-1b(7)(d).) [4]	L006 & 07	510

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[4] For shipments of Government vehicles, trailers, wheeled guns, and aircraft, the trailer data TV5 entries are changed as follows:

DD Form 1384 Column	Trailer Data rp	Procedure		
44	68 – 80	For single vehicle shipment units, enter the serial number. For multiple vehicle shipment units, leave blank.	N901 –02	500

TRAILER DATA TCMD ENTRIES FOR AMMUNITION ROUND COUNT, HAZARDOUS MATERIAL, STOCK NUMBER, AND IMCO CLASSIFICATION

DD Form 1384 Column [1]	Trailer Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
32	1 – 3	Enter a three-position code. The first position is always a "T." The second and third positions are selected from the list in paragraph F-2b(1). The second position is always the same as the second position of the corresponding prime data entry. On advance TCMDs for shipments of ammunition, explosives, and other hazardous materials, the third position is a "6."	N901 & 02	500
33	4 – 8	Enter the trailer, van, or container number, if any, as explained in appendix F, paragraph 3. If none, leave blank. Any number entered is always the same as the corresponding prime data entry.	N702, REF01 & 02	P P
34	9 – 14	For all hazardous materials other than ammunition, leave blank. For all ammunition shipments, enter the total round count in the shipment unit. If the quantity exceeds 999,999, enter the number in thousands followed by an "M" (to represent thousands). If the quantity exceeds 999,999 and is not shipped in units of 1000, enter the number in thousands followed by an "M" and indicate the total round count in column 43 – 44 (rp 54 – 79) of an accompanying TE9 entry. In all cases, precede the TE6 entry by zeros as needed to fill six positions. For example: 9,900 rounds enter as "009900;" 9,999,000 enter as "09999M;" 9,999,500 enter as "09999M" on the TE6 and "Total RD count 9,999,500" on an accompanying TE9.	LH101 & 02	520
35	15 – 19	Enter the applicable code (for the mode of overseas movement) as used in the prime data T__0, T__1, or T__4 entry. For water, enter the five-position code from appendix F, paragraph 4.	L501, 03 & 04 [A]	P
		For air, enter (in rp 18 – 19) the two-position code from appendix F, paragraph 4. In addition, preceding the commodity/special handling code, enter (in rp 16 – 17) the loading and storage group designation. The L/S groups are designated in the joint publication "Preparation of Hazardous Materials for Military Air Shipment" (AFM 71 – 4, et al). Leave rp 15 blank.	L501, 03 & 04 [A]	500
36a	20	Used for air shipments only, the code is selected from appendix F, paragraph 5.	N901 & 02	P
36b	21 – 23	Enter the same aerial port codes or water port codes used in the corresponding	R401 –03,	P
37	24 – 26	prime data entry.	REF01 & 02	P
38	27	Enter the same mode/method code used in the corresponding prime data entry.	BX01 –03	P
39	28 – 29	Enter the same type pack code used in the corresponding prime data entry.	L002 & 03, L505	P
40	30 – 46	Enter the same TCN used in the corresponding prime data entry.	N901 & 02	P
41	47 – 52	Enter the same consignee DODAAC used in the corresponding prime data entry.	N901 & 02	P
42	53	Enter the same transportation priority used in the corresponding prime data entry.	N901 & 02	P
43	54 – 66	Enter the national stock number. If the NSN is not known to the shipper, enter "NNSN" (in rp 54 – 57) and leave the balance of the space (rp 58 – 66) blank. When multiple line items are consolidated, enter the federal stock classification (in rp 54-57) and fill the balance of the space (rp 58 – 66) with "X"s.	REF01 & 02	500

[1] On the DD Form 1384, the only required T__6 entries are those in columns 32, 34 (TE6, ammunition only), 35 (air shipments only), 40, 43, 44; others may be left blank.

[A] Code from prime record is entered for water shipments, data from T__6 record is carried for air shipments.

DD Form 1384 Column	Trailer Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
44	67 – 70	For ammunition and explosives (TE6), enter the DODIC as explained in paragraph 2-B-1b(14)(a)4. For all other hazardous materials (TJ6), enter the letters "IMO."	LHR01 & 02 or Translator	520
	71 – 72	Enter the two-digit UN class and division number including the decimal fraction (omitting the decimal point in automated entries) from IMDGC, 49 CFR 172.102, or other source publication.	LH201	520 ---
	73	Leave blank.		
	74 – 75	Enter the applicable letters "UN" or "NA" (according to the type number entered in rp 76 – 79).	LH103 B/	520
	76 – 79	Enter the four-digit United Nations or North American identification number from the IMDGC, 49 CFR 172.101/2, or other source publication.	LH103 C/	520
	80	For ammunition and explosives (TE6), enter the compatibility group code from the IMDGC or 49 CFR 172.102 (i.e., the letter following the IMDGC class and division number). For all other hazardous materials (TJ6), leave blank.	LH302	520

B/ UN, NA, ID, and code entered together in LH103.

C/ Code from prime record is entered for water shipments, data from T_6 record is carried for air shipments.

TRAILER DATA TCMD ENTRIES FOR NET EXPLOSIVE WEIGHT (NEW) AND LOT NUMBER(S)

DD Form 1384 Column [1]	Prime Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
32	1 – 3	Enter a three-position code. The first position is always a "T." The second and third positions are selected from the list in paragraph F – 2b(1). The second position is always the same as the second position of the corresponding prime data entry, in this case "E." On advance TCMDs, showing net explosive weight and ammunition lot numbers, the third position is a "7."	N901 & 02	500
33	4 – 8	Enter the trailer, van, or container number, if any, as explained in appendix F, paragraph 3. If none, leave blank. Any number entered is always the same as the corresponding prime data entry.	N702, REF01 & 02	P P
34	9 – 14	Enter net explosive weight for class A (IMO classes 1.1 and 1.2), class B (IMO class 1.3), and class C (IMO class 1.4) explosives. [2]	LH408	520
35	15 – 19	Enter the applicable code (for the mode of overseas movement) used in the prime data TEO, TE1, or TE4 entry. For water, enter the five-position code from appendix F, paragraph 4. For air, enter (in rp 18 – 19) the two-position code from appendix F, paragraph 4. Leave rp 15 – 17 blank.	L501, 03 & 04	P
36a	20	Used for air shipments only, the code is selected from appendix F, paragraph 5.	N901 & 02	P
36b 37	21 – 23 24 – 26	Enter the same aerial port codes or water port codes used in the corresponding prime data entry.	R401 –03, REF01 & 02	P P
38	27	Enter the same mode/method code used in the corresponding prime data entry.	BX01 –03	P
39	28 – 29	Enter the same type pack code used in the corresponding prime data entry.	L002 & 03, L505	P
40	30 – 46	Enter the same TCN used in the corresponding prime data entry.	N901 & 02	P
41	47 – 52	Enter the same consignee DODAAC used in the corresponding prime data entry.	N901 & 02	P
42	53	Enter the same transportation priority used in the corresponding prime data entry.	N901 & 02	P
43	54 – 67	Enter the lot number. [2]	N901 & 02	500
44a	68 – 71	Enter the number of pieces in the portion of the lot documented by this TE7 entry. If greater than 9999, see paragraph 2-B-1b(7)(d).	LH101 & 02	520

[1] On the DD Form 1384, the only required TE7 entries are those in columns 32, 34, 40, 43, and 44; others may be left blank.

[2] If the shipment unit contains more than one lot, a separate TE7 entry is made for each lot. The NEW (column 34 (rp 9 – 14)), pieces (column 44a (rp 68 – 71)), weight (column 44b (rp 72 – 76)), and cube (Column 44c (rp 77 – 80)) reflect that data only for the lot covered by each TE7 entry. If any single piece (i.e., a consolidation container/pallet) in the shipment unit contains multiple lots, the lot numbers and applicable NEW is detailed in additional TE9 entries.

FOR EXAMPLE:

rp 1 – 3	rp 30 – 46	rp 54 – 79	rp 80
TE9	(Shipment TCN)	PC0001 of 0003 INCL LOT	(Sequence Number)
TE9	(Shipment TCN)	123456/NEW 00105	(Sequence Number)
TE9	(Shipment TCN)	004026/NEW 01017	(Sequence Number)

DD Form 1384 Column	Prime Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
44b	72 – 76	Enter the weight of the portion of the lot documented by this TE7 entry. If greater than 99,999, see paragraph 2-B-1b(7)(d).	L004, 05 & 11	510
44c	77 – 80	Enter the cube of the portion of the lot documented by this TE7 entry. If greater than 9999, see paragraph 2-B-1b(7)(d).	L006 & 07	510

TRAILER DATA TCMD ENTRIES FOR HOUSEHOLD GOODS AND BAGGAGE OWNERSHIP DATA

DD Form 1384 Column [1]	Trailer Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
32	1 – 3	Enter a three-position code. The first-position is always a "T." The second and third positions are selected from the list in paragraph F-2b(1). The second position is always the same as the second position of the corresponding prime data entry. On advance TCMDs for personal property ownership data, the third position is always an "8."	N901 & 02	500
33	4 – 8	Enter the trailer, van, or container number, if any, as explained in appendix F, paragraph 3. If none, leave blank. Any number entered is always the same as the corresponding prime data entry.	N702, REF01 & 02	P P
34	9 – 14	For household goods or baggage: Enter the DoDAAC of the consignor (origin Transportation Officer) used in the corresponding prime data entry. May be left blank on DD Form 1384.	N901 & 02	P
		For privately owned vehicles:		500
	rp9 – 10	Enter the last two digits of the POV year.	L501 & 02	
	rp11 – 14	Enter the first four letters of the vehicle, make, e.g., Chev, Ford, Plym, etc.		
35	15 – 19	Enter the applicable code (for the mode of overseas movement) used in the corresponding prime data entry. For water, enter the five-position code from appendix F, paragraph 4. For air, enter (in rp 18 – 19) the two-position code from appendix F, paragraph 4. Leave rp 15 – 17 blank.	L501, 03 & 04	P
36a	20	Used for air shipments only. The code is selected from appendix F, paragraph 5.	N901 & 02	P
36b	21 – 23	Enter the same aerial port codes or water port codes used in the corresponding prime data entry.	R401 –03,	P
37	24 – 26		REF01 & 02	P
38	27	Enter the same mode/method code used in the corresponding prime data entry.	BX01 –03	P
39	28 – 29	Enter the same type pack code used in the corresponding prime data entry.	L001 & 02, L505	P
40	30 – 46	Enter the same TCN used in the corresponding prime data entry.	N901 & 02	P
41	47 – 52	Enter the same consignee DODAAC used in the corresponding prime data entry, i.e., the military activity responsible for receiving or processing the shipment at destination.	N901 & 02	P
42	53	Enter the same transportation priority used in the corresponding prime data entry.	N901 & 02	P
43	54 – 66	Enter the personal property owner's last name.	N901 & 02 [A]	500
	67 – 68	Enter the personal property owner's initials.	N901 & 02 [A]	500
	69 – 70	Enter the personal property owner's military or civilian grade code from appendix F, paragraph 13.	N903 [B]	500

[1] On the DD Form 1384, the only required T__8 entries are those in columns 32, 34 (POVs only), 40, 43, and 44 (DPM shipments from overseas to CONUS and all POVs); others may be left blank.

[A] Combined in a single N902 data element.

[B] Carried in the same N9 segment as the owner's name.

DD Form 1384 Column	Trailer Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
44	71 – 80	For household goods or baggage:		
	rp 71	Leave blank.		
	rp 72 – 76	Activities outside CONUS enter the net weight of DPM shipments to CONUS; otherwise, leave blank.	L004 & 05	510
	rp 77 – 80	Leave blank, or if HHG or baggage GBL, with codes "T," "J," or "S," enter carrier SCAC.	N702 & 12	500
		For privately owned vehicles:		
	rp 71 – 72	Enter the abbreviation for the state issuing the license plate attached to the vehicle; if none, enter "NO."	N901 & 02 C/	500
	rp 73 – 77	Enter the last five characters (numbers and/or letters) on the attached license plate; if none, leave blank. If the license plate has fewer than five characters, precede the characters with zeros.	N901 & 02 C/	500
	rp 78 – 80	Enter an abbreviation for the predominate vehicle color, e.g., blk, blu, red, ylo, etc.	N903 D/	500

C/ Combined in a single N902 data element.

D/ Carried in the same N9 segment as the license information.

TRAILER DATA TCMD ENTRIES FOR GENERAL MISCELLANEOUS INFORMATION NOT OTHERWISE DETAILED

DD Form 1384 Column 1/	Trailer Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
32	1 – 3	Enter a three-position code. The first position is always a "T." The second and third positions are selected from the list in appendix F, paragraph 2b(1). The second position is always the same as the second position of the corresponding prime data entry. On advance TCMDs the third position entry is always "9" for miscellaneous information.	N901 & 02	500
33	4 – 8	Enter the trailer, van, or container number, if any, as explained in appendix F, paragraph 3. If none, leave blank. Any number entered is always the same as the corresponding prime data entry. For all air shipments enter the FSC in rp 5 - 8, leave rp 4 blank.	N702 N901 & 02, REF01 & 02	P P P
34	9 – 14	Leave blank.		
35	15 – 19	Enter the applicable code (for the mode of overseas movement) used in the corresponding prime data entry. For water, enter the five-position code from appendix F, paragraph 4. For air, enter (in rp 18 – 19) the two-position code from appendix F, paragraph 4. Leave rp 15 – 17 blank.	L501, 03 & 04	P
36a	20	Used for air shipments only. The code is selected from appendix F, paragraph 5 and always the same as the corresponding prime data entry.	N901 & 02	P
36b	21 – 23	Enter the same aerial port codes or water port codes used in the corresponding	R401 –03,	P
37	24 – 26	Prime data entry.	REF01 & 02	P
38	27	Enter the same mode/method code used in the corresponding prime data entry.	BX01 & 02	P
39	28 – 29	Enter the same type pack code used in the corresponding prime data entry.	L002 & 03, L505	P
40	30 – 46	Enter the same TCN used in the corresponding prime data entry.	N901 & 02	P
41	47 – 52	Enter the same consignee DODAAC used in the corresponding prime data entry.	N901 & 02	P
42	53	Enter the same transportation priority used in the corresponding prime data entry.	N901 & 02	P
43 – 44b	54 – 79	Using as many T__9 entries as necessary, enter the clear text information necessary for shipment, but not detailed in other data entries, e.g.,: a. Further description of cargo code with an NOS type of water commodity code. b. For shipments of liquor, the type (gin, rye, etc.), bottle size (liter, gallon, etc.), and number of bottles per case. c. For shipments of cigarettes, the number of cartons per case. d. For shipments between CONUS and Hawaii or Guam, the clear text NMFC/UHC description of the highest rated article in each shipment unit other than hazardous materials (see paragraph 2-B-1b(10)(b). e. The Turkish Defense Affairs authorization number (see paragraph D-3c). f. For classified shipments, the container and seal numbers, if any.	REF03	500

1/ On the DD Form 1384, the only required T__9 entries for general miscellaneous information are those in columns 32, 40, 43, and 44; others may be left blank.

DD Form 1384 Column	Trailer Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
		g. For personal property TGBL shipments, the name of the origin household goods carrier and GBL number.		
		h. For SEAVANS/MILVANS containing more than 99 shipment units, the total number of shipment units.		
		i. Any other pertinent information.		
44c	80	Enter a sequence number, i.e., the first T__9 entry for any shipment unit is 1, the second is 2, etc.	REF01 & 02	500

TRAILER DATA TCMD ENTRIES FOR SEAVAN/MILVAN (VAN) MISCELLANEOUS INFORMATION (INCLUDES EMPTY SEAVAN/MILVAN/CONEX)[2/]

DD Form 1384 Column [1/]	Trailer Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
32	1 – 3	Enter a three-position code. The first position is always a "T." The second and third positions are selected from the list in appendix F, paragraph 2b(1). The second position is always the same as the second position of the corresponding prime data entry. On advance TCMDs the third position entry is always "9" for miscellaneous information.	N901 & 02	500
33	4 – 8	Enter the last five digits of the number on the van as explained in appendix F, paragraph 3b. The number is always the same as the corresponding prime data entry.	N702	P
34	9 – 14	Enter an "X" in rp 9 followed, in rp 10 – 14, by the five digit ZIP code for the van's point of origin.	N901 & 02	500
35	15 – 19	For reefer vans: Enter an "F" in rp 15 followed, in rp 16 – 19 by the temperature or termperature range at which the cargo is to be maintained. The entries are in degrees Farenheit; for example, 34° is entered as "F34XX" and 34° – 41° as "F3441." For all other vans: Enter the same commodity/special handling code used in the corresponding SEAVAN/MILVAN prime data T__2 entry.	N713 or L501, 03 & 04	500 P
36a	20	Leave blank.		
36b	21 – 23	Enter the same aerial port codes or water port codes used in the corresponding	R401 – 03,	P
37	24 – 26	prime data T__2 entry.	REF01 & 02	P
38	27	Enter "V."	Implied	
39	28 – 29	Enter the length (in feet) of van ordered from the WCA/OCCA, e.g., "20," "35," "40," etc. For empty vans, indicate the actual size; for empty CONEX, the type pack.	N501, L002 & 03	500 P
40	30 – 46	Enter the same SEAVAN/MILVAN TCN used in the prime data T__2 entry.	N901 & 02	P
41	47 – 52	Indicate the van's ultimate consignee by entering the same DODAAC used in the corresponding prime data T__2 entry.	N901 & 02	P
42	53	Enter the same transportation priority used in the corresponding prime data T__2 entry.	N901 & 02	P
43	54 – 55	Enter "VN."	Implied	
	56 – 63	Enter the complete van number including any suffix such as a check digit. Precede the number with zeros if less than eight digits. For example: Container number 123456 is entered as "00123456;" number 123456/1, as "01234561.	N702	500
	64 – 65	Enter "SN."	Implied	

[1/] On the DD Form 1384, the only required T__9 entries for SEAVAN/MILVAN miscellaneous information are those in columns 32, 34, 35, 39, 40, 43 and 44; others may be left blank.

[2/] Any additional appropriate information about the SEAVAN/MILVAN itself (other than stopoffs which are detailed in Figure D – 13) is entered in additional T__9 entries. The information in columns 32 – 42 (rp 1 – 53) is identical to that listed above and the additional information is detailed in columns 43 – 44b (rp 54 – 79) leaving unused columns blank. Sequence numbers 2 – 9 are entered in column 44c (rp 80) for each entry as appropriate

DD Form 1384 Column	Trailer Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
	66 – 73	Enter the complete seal number [3]	M701	500
44a,b	74 – 77	For loaded vans, enter the ocean carrier code identifying the carrier that transports the SEAVAN/MILVAN as explained in appendix F, paragraph 15. For empty SEAVANs/MILVANs, enter the SEAVAN ownership code from appendix F, paragraph 14. For CONEX: Leave blank.	N712	500
	78 – 79	FOR MILVANs: Enter the number of beam assemblies in each van equipped with a mechanical bracing system; if not so equipped, enter "00." For SEAVANS: Leave blank.	N901 & 02	500
44c	80	Enter sequence number "1." [4]	REF01 & 02	500

[3] If for any reason a van must be opened while enroute to the final destination, a new seal is affixed. Whenever a second seal is required, the second (or subsequent) seal number and the activity or carrier placing the seal are identified in columns 43 – 44b (rp 54 – 79) of an additional T__9 entry as follows:

DD Form 1384 Column	Trailer Data rp	Procedure		
32 – 42	1 – 53	Enter the same information as detailed above.		
43	54 – 65	Enter "SECOND SEAL"; leave rp 65 blank.	REF03 [A]	500
	66 – 73	Enter the new seal number.	REF03 [A]	
44b	74 – 79	Identify the activity or carrier which applied the new seals by entering the DODAAC of the activity or the code (from appendix F, paragraph 15) of the ocean carrier (in rp 74 – 77 with rp 78 – 79 blank).	REF03 [A]	500
44c	80	Enter the next T-9 sequence number, i.e., 2 – 9 as appropriate.	REF01 & 02	500

[4] See footnote 2 on previous page.

[A] Information identifying subsequent seals from rp 54 – 79 is carried in REF03 in the same manner as depicted for the T__9 in Figure D-12.

TRAILER DATA TCMD ENTRIES FOR SEAVAN/MILVAN STOPOFF POINTS

DD Form 1384 Column [1]	Trailer Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
32	1 – 3	Enter a three-position code. The fist position is always a "T." The second and third positions are selected from the list in appendix F, paragraph 2b(1). The second position is always the same as the second position of the corresponding prime data entry. On advance TCMDs, the third position entry is always "9" for SEAVAN/MILVAN stopoff information.	N901 & 02	Implied
33	4 – 8	Enter the last five digits of the number on the van as explained in appendix F, paragraph 3b. The number is always the same as the corresponding prime data entry.	N702	P
34	9 – 14	Enter an "X" in rp 9 followed, in rp 10 – 14, by the five digit zip code for the van's point of origin.	N901 & 02	Related T__9 [A]
35	15 – 19	For reefer vans: Enter an "F" in rp 15 followed, in rp 16 – 19, by the temperature or temperature range at which the cargo is to be maintained. The entries are in degrees Farenheit; for example, 34° is entered as "F34XX" and 34° – 41° as "F3441." For all other vans: Enter the same commodity/special handling code used in the corresponding SEAVAN/MILVAN prime data T__2 entry.	N713 or L501,03 & 04	P P
36a	20	Leave blank.		
36b	21 – 23	Enter the same aerial port codes or water port codes used in the corresponding prime data T__2 entry.	R401 –03,	P
37	25 – 26		REF01 & 02	P
38	27	Enter "V".	Implied	
39	28 – 29	Enter the length (in feet) of van ordered from the WCA/OCCA; e.g., "20", "35," "40," etc.	N501	Related T__9 [A]
40	30 – 46	Enter the same SEAVAN/MILVAN TCN used in the prime data T__2 entry.	N901 & 02	P
41	47 – 52	Indicate the van's ultimate consignee by entering the same DODAAC used in the corresponding prime data T__2 entry.	N901 & 02	P
42	53	Enter the same transportation priority used in the corresponding prime data T__2 entry.	N901 & 02	P
43	54 – 59	Enter "STOP" and the stopoff number, e.g., "STOP01."	S501	400
	60 – 65	Enter the DODAAC of the consignee for the stopoff indicated in rp 54 – 59.	N101 –04	410
	66 – 67	Leave blank.		

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[1] On the DD Form 1384, the only required T__9 entries for SEAVAN/MILVAN stopoff information are those in columns 32, 40, 43 and 44; others may be left blank.

[A] Reconstructed from data in the related T__9 that has the full van number in rp 56 – 63.

DD Form 1384 Column	Trailer Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
44a-b	68 – 73	If there are additional stopoffs to indicate, enter "STOP" and the next stopoff number, e.g., "STOP02." If all stopoffs have been listed, leave blank.	S501	400
----	74 – 79	Enter the DODAAC of the consignee for the stopoff indicated in rp 68 – 73, if any; if none, leave blank.	N101 – 04	410
44c	80	Enter the sequence indicator for the T__9 stopoff data entry in alphabetics; i.e., the first (card/line) entry is "A," the second "B," etc. 2/	REF01 & 02	400

2/ Additional stopoffs are indicated in additional T__9 entries sequenced with alphabetics as indicated for column 44c (rp 80) above. The information in columns 32 – 42 (rp 1 – 53) of the additional T__9 stopoff entries is identical to that listed above for the corresponding columns.

TRAILER DATA TCMD ENTRIES FOR ADDITIONAL REQUIRED HAZARDOUS MATERIEL INFORMATION

DD Form 1384 Column [1]	Trailer Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
32	1 - 3	Enter a three-position code. The first position is always a "T." The second and third positons are selected from the list in appendix F, paragraph 2b(1). The second position is always the same as the second position of the corresponding prime data entry. On advance TCMDs, the third position entry is always "9" for additional, required information on hazardous materials	N901 & 02	500
33	4 - 8	Enter the trailer, van, or container number, if any, as explained in appendix F, paragraph 3. If none, leave blank. Any number entered is always the same as the corresponding prime data entry. For all air shipments enter the FSC in rp 5 - 8.	N702, N901 & 02, REF01 & 02	P P P
34	9 - 14	Leave blank.		
35	15 - 19	Enter the applicable code (for the mode of overseas movement) used in the corresponding prime data entry. For water, enter the five-position code from appendix F, paragraph 4. For air, enter (in rp 18 - 19) the two-position code from appendix F, paragraph 4. Leave rp 15 - 17 blank.	L501, 03 & 04	P
36a	20	Used for air shipments only. The code is selected from appendix F, paragraph 5 and always the same as the corresponding prime data entry.	N901 & 02	P
36b	21 - 23	Enter the same aerial port codes or water port codes used in the corresponding	R401 -03,	P
37	25 - 26	Prime data entry.	REF01 & 02	P
38	27	Enter the same mode/method code used in the corresponding prime data entry.	BX01 -03	P
39	28 - 29	Enter the same type pack code used in the corresponding prime data entry.	L002 & 03, L505	P
40	30 - 46	Enter the same TCN used in the corresponding prime data entry.	N901 & 02	P
41	47 - 52	Enter the same consignee DODAAC used in the corresponding prime data entry.	N901 & 02	P
42	53	Enter the same transportation priority used in the corresponding prime data entry.	N901 & 02	P
43 - 44b	54 - 79	Using as many T_9 entries as necessary, enter, in the order listed, the following clear text information:	LH302	520
		a. The proper shipping name (without abbreviations) as listed in 49 CFR 172.101/2, IMDGC, or AFR 71-4, et al. When the material is described in 49 CFR, IMDGC, or AFR 71-4 by an "NOS" entry, the technical name of the material must be included in parenthesis immediately following the proper shipping name. For example: "Corrosive liquid, NOS (Caprylyl Chloride)."		520
		b. The hazard class from 49 CFR or AFR 71-4, et al.		520
		c. "RQ", if appropriate, to indicate the quantity of hazardous material meets or exceeds the reportable quantity listed in 49 CFR or AFR 71-4, et al.		520

[1] On the DD Form 1384, the only required T_9 entries for additional hazardous material information are those in columns 32, 40, 43, and 44; others may be left blank.

DD Form 1384 Column	Trailer Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
		d. The total quantity (number of pieces, type pack, and weight or volume) of the material covered by the description. The actual number of pieces on a pallet or unitized load is reported with the type pack and total weight. For example: Twelve 100 pound cylinders on a pallet are listed as "12 cyl 1200 lbs."		
		e. The flash point (for flammable liquids) in degrees Centigrade or Fahrenheit; e.g., "Closed cup flashpoint _____ degrees C or F."		520
44c	80	Enter a sequence number; i.e., the first T__9 entry for any shipment unit is "1," the second is "2," etc.	REF01 & 02	520

TRAILER DATA TCMD ENTRIES FOR PERSONAL PROPERTY ADDRESS INFORMATION

DD Form 1384 Column [1]	Prime Data rp	Procedure	MODELS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
32	1 – 3	Enter a three-position code. The first position is always a "T." The second and third positions are selected from the list in appendix F, paragraph 2b(1). The second position is always the same as the second position of the corresponding prime data entry. On advance TCMDs the third position entry is always "9" for personal property address information.	N901 & 02	500
33	4 – 8	Enter the trailer, van, or container number, if any, as explained in appendix F, paragraph 3. If none, leave blank. Any number entered is always the same as the corresponding prime data entry.	N702, REF01 & 02	P P
34	9 – 14	Enter the DODAAC of the consignor listed in the corresponding prime data entry.	N101, 03 & 04	P
35	15 – 19	Enter the applicable code (for the mode of overseas movement) used in the corresponding prime data entry. For water, enter the five-position code from appendix F, paragraph 4. For air, enter (in rp 18 – 19) the two-position code from appendix F, paragraph 4. Leave rp 15 – 17 blank.	L501, 03 & 04	P
36a	20	Used for air shipments only. the code is selected from appendix F, paragraph 5 and always the same as the corresponding prime data entry.	N901 & 02	P
36b	21 – 23	Enter the same aerial port codes or water port codes used in the corresponding prime data entry.	R401 –03,	P
37	24 – 26		REF01 & 02	P
38	27	Enter the same mode/method code used in the corresponding prime data entry.	BX01 –03	P
39	28 – 29	Enter the same type pack code used in the corresponding prime data entry.	L002 & 03, L505	P
40	30 – 46	Enter the same TCN used in the corresponding prime data entry.	N901 & 02	P
41	47 – 52	Enter the same consignee DODAAC used in the corresponding prime data entry, i.e., the military activity responsible for receiving or processing the shipment at destination.	N901 & 02	P
42	53	Enter the same transportation priority used in the corresponding prime data entry.	N901 & 02	P

[1] On the DD Form 1384, the only required T__9 entries for personal property address information are those in columns 32, 40, 43, and 44; others may be left blank.

DD Form 1384 Column	Prime Data rp	Procedure	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
43 – 44b	54 – 79	For personal property consigned to a civil address: Using as many T__9 entries as necessary, enter the complete consignment address in clear text. For unaccompanied baggage of TDY USAF personnel (military and civilian): Use the first TF9 entry to list the travel order number and the ADSN/fiscal station number (items number 22 and 19, respectively) from the DD Form 1610, Request and Authorization for TDY travel of DoD Personnel. Additional TF9 entries are made to list the organization that issued the travel order (from item 19, DD Form 1610) including sufficient data to allow MAC/ACIA billing.	REF03 ᴬ⁄	500
44c	80	Enter a sequence number, i.e., the first T__9 entry for any shipment unit is "1," the second is "2," etc.	REF01 & 02 ᴬ⁄	500

_____

ᴬ⁄ Sequence number and text carried in same REF segment.

GBL HEADER DATA FORMAT FOR SHIPMENTS TO WATER PORTS [1]

Record Position	Data Element or Description	DLMS DATA ELEMENT REFERENCE DESIGNATOR	LOOP REF.
1 – 3	Advance shipment information, always enter – "GBL".	N901 & 02 [A]	H
4 – 11	GBL number – 8 Digits – alpha/numeric entry	BX01 –4	H
12 – 16	Always enter – "TCMDS".	Implied	
17 – 19	Total number of TCNs (shipping units) on this GBL.	N903 [A]	H
20 – 25	DoDAAC of shipper, example – "SW3400".	N101, 03 & 04	200
26	Blank.		
27 – 30	Day of the year shipment was or is planned to be released to carrier, example – "3111".	G6201 –2	H
31 – 33	POE, example – "3DK".	R401 –3	H

---

[1] A properly formatted GBL header data for batch transmission of TCMDs would read as follows:

GBLA1234567TCMDS175SW3400 31113DK

EDI translation follows (@ represents the segment terminator):

ST*858*0001@
BX* 00*ZZ*NS*A1234567@
N9*DD*GBL*175@
G62*47*830421@
R4*L*1M*3DK@
N1*CI**10*SW3400@
SE*7*0001@

[A] "GBL" equates to a DI code for the GBL header, number of TCNs and DI Code "GBL" will be carried in same N9 segment.

APPENDIX O

IMPLEMENTATION CONVENTIONS

INDEX

APPENDIX O

IMPLEMENTATION CONVENTIONS

INTRODUCTION

A. SCOPE

   1. These conventions are to be used to map the translation of MILSTAMP data into DLMS EDI formats. They use the existing DLSS fixed-length records as the source of most data but also provide for additional data that are not currently included in the fixed-length formats. As with the existing DLSS, these transactions are intended to be direct computer-to-computer transfers of inter/intra-Service/Agency logistics data through appropriate electronic means such as the DDN.

   2. In addition to providing for the transmission of all TCMD data currently in MILSTAMP, this DLMS EDI transaction can accommodate enhancements approved by participating S/A. This will allow S/A to take advantage of the improved capabilities offered by EDI as soon as possible. However, when actually transmitting enhanced data, care must be taken to ensure that the recipient is capable of receiving them, and no problems will result if only the standard data is processed upon receipt.

   3. The formats defined in these conventions are a means of transmitting additional MILSTAMP policy and must be used in conjunction with the basic MILSTAMP regulation. The formats are based on the March 15, 1987, version of the basic MILSTAMP regulation with Change 1 dated October 20, 1988, as amended.

   4. The EDI transaction included in these conventions is based on:

      a. The DoD 4000.25-13-M-S-5 [reference (2)], EDI standards for DLMS and

      b. The ANSI ASC X12 transaction schematic, segments and data elements continued in the Draft Version 3, Release 1 (003010)[reference (3)].

B. DESCRIPTION OF THE CONVENTIONS

   1. Introduction. Each MILSTAMP DLMS transaction is listed as a separate subappendix within this appendix. Each transaction begins with an introduction containing a transition statement. A transition statement is a brief description

of the transaction followed by a brief summary of any significant changes in the transaction from the previous version, if applicable.

2. <u>Structure of Conventions Pages</u>. Following the introduction are the actual conventions. The convention pages are divided by a vertical line. The right-hand portion of the page displays the DLMS EDI standards (transaction set, segment, or data element). The left-hand side contains notes about the specific usage of the standard in the context of the specific transaction set being documented. The number opposite the transaction set and segment name on each page is the ASC X12 version and release number upon which the DLMS standards are based. At the segment and data element level, these notes will generally contain specific and detailed information about the data format and its relationship to the fixed-length records.

3. <u>Transaction Set Segment Hierarchy</u>

a. The Transaction Set Segment Hierarchy contains the designation of the specific usage of segments. This permits readers to quickly identify which segments are pertinent and which are not.

b. The ANSI X12.6 Application Control Structure portion of the ASC X12 standards contains the formal definitions of all terms related to EDI. The following terms and definitions used in the Transaction Set Segment Hierarchy are consistent with those formal definitions:

(1) <u>Use Designator Application (USE)</u>. This designator indicates whether the application uses the segment. The designation "USE" appears in the left-hand column if the application uses the specific segment and is left blank if the industry does not use the specific segment.

(2) <u>Segment Identifier (Seg ID)</u>. Each segment has a unique identifier composed of a combination of one uppercase letter and one or two uppercase letter(s) and/or digit(s). The identifier serves as a name for the segment and occupies the first character positions of the segment. The segment identifier is not a data element.

(3) <u>Segment Name</u>. The name of the segment as defined in the DLMS EDI standards.

(4) <u>Segment Requirement Designator</u>. This column identifies the usage of this segment within this transaction according to the DLMS EDI standards. The Transaction Set Segment Hierarchy shows which segments may be used in the transaction set and their proper sequence within the transaction set. Segments may not appear in any other sequence without violating the compliance rules of the

ASC X12 syntax. A segment has one of the following two requirement designators to appear within the transaction set. The requirement designators are each followed by their code abbreviation in parentheses.

(a) Mandatory (M). This segment shall appear in the transaction set at least once. (See the paragraph on "Loops of Segments" below.)

(b) Optional (O). The appearance of this segment in the transaction set is either at the option of the sending party or is based on the mutual agreement of the interchange parties.

(5) Maximum Use of Segments (Max Use). Some segments may be repeated many times at their specific locations in the transaction set. "Max Use" refers to the maximum number of times a segment is permitted to appear in succession at that specific location within the transaction.

(6) Loops of Segments (Loop ID). Loops identify how a specific group of segments may repeat within a transaction set. Loops may be nested, but may not be crossed. Each loop within is identified by a four digit number. The first loop is 0100, the second loop is 0200, etc. Nested loops are identified by additional digits (for example, 0110). Nesting is limited to three levels (for example, 0211).

(a) If the requirement designator of the first segment is mandatory (M), then at least one iteration of the loop is required.

(b) If a loop is used, the first segment is required to be used for each iteration of the loop.

(c) Mandatory segments in a loop are mandatory only if the loop is used.

(7) Loop Index. The loop index defines the maximum number of times a loop may be repeated.

4. Application Model. The model is a second listing of the Transaction Set Segment Hierarchy. This is simply an abbreviated listing of only the segments designated as "USE" by the application Use Designator column of the preceding Transaction Set Segment Hierarchy section. The model permits the reader to visualize the actual content of an implemented transaction set. The "Page No." refers the reader to the corresponding page within the subappendix for further information about the particular segment.

5. <u>Segment Directory</u>. The segment directory is a listing of each segment "Used" in the transaction set in the order of its appearance (hence, the same segment may appear more than once). Each segment begins a page. At the top of the page is information regarding the segment as a whole followed by details regarding each data element within the segment. The following paragraphs describe the segment directory in detail.

    a. There are several connotations of the 33/67 split of the segment directory page.

    b. Each segment directory page displays the DLMS EDI standard, on the right-hand side. The specific application usage designators and notes are presented on the left-hand side of the page. There are two types of left side notes.

    (1) Notes applicable to the use of the segment as a whole at this location in the transaction set are listed at the top left of the page under the heading "SIDE Notes." Typical information provided might be: general explanation of the purpose of the segment; specific DI codes where the segment is or is not used; or whether the segment is providing enhanced information not currently available in the DLSS [see B.5.(i) below]. Each side note is identified by a letter: A., B., etc.

    (2) Notes applicable to specific data elements within the segment are described in section B.5.f. below.

    c. Between the two sides of the page is a narrow column for designating an industry variation from the ASC X12 standard. The "<" symbol is used to draw the attention of the reader to an application variation from the standards.

    d. For identifier (ID) type data elements, acceptable code values used in this application are either listed on the right-hand side of the page under the definition of the data element or found in the source manual, which is referenced.

    e. When data elements are not used in a specific application, the definition of the data element does not appear. This is to avoid confusion as well as conserve space.

    f. Notes may appear on the left-hand side of the page or may appear after the last data element of the segment. When notes appear at the end, they are referenced by number and may span the entire width of the page. These notes provide detailed information regarding converting data between the DLSS and DLMS formats. The left side notes are generally organized in three parts.

(1) When appropriate, there will be reference to another appendix, manual, or other information source.

(2) Origin of the data [see B.5.(i) below]. In most instances "SOURCE(S):" is used. "SOURCE(S):" identifies the DLSS DI codes and record positions where the data to be entered into the DLMS data element may be found. Each origin note is sequentially numbered.

(3) Additional information such as: specific codes or constants to be used; alternative placement of the data in the DLMS; exceptions, etc., immediately follows the origin information under the heading of "NOTE(S):". Notes are identified by a letter: A., B., etc.

g. A segment directory contains the definitions and formats used by the application in the construction of each particular transaction set. This segment-by-segment description permits the reader to examine the specific usage of each data element and segment in the transaction set.

h. Terms and definitions used in the segment directory:

(1) Level. Identifies the level of use as the header, detail, or summary level of the transaction. (This is not used in the DLMS. See loop instead.)

(2) Loop. Identifies the loop by number (ID) in which this occurrence of the segment appears.

(3) Repeat (Loop Index). Indicates the maximum number of times this loop may be used.

(4) Maximum Use of Segments (Max Use). An application may set a lower "maximum use" than the maximum use defined by the DLMS EDI standard, but may not define a higher max use.

(5) Segment Requirement Designator (Req Des). The follow: 1 definitions are for use in interpreting the requirement designators in the industry-specific (left-side) segment directory section of the implementation conventions.

(a) Mandatory (M). This segment is mandatory as defined by DLMS EDI standards. If it is not present the transaction is subject to rejection and return to the originator. Segments identified as mandatory on the right side must also be mandatory on the left side.

(b) <u>Optional (O)</u>. Segments defined as optional on the right side may be one of the following on the left side:

[1] <u>Optional</u> - This segment is used at the option of the sender.

[2] <u>Required</u> - This specific application requires the use of this segment. Failure to include it can result in the transaction being rejected.

[3] <u>Recommended</u> - This specific application utilizes information included in the segment. However, the transaction will be forwarded even if the segment is not included, and the sender will receive a notification of the error.

(6) <u>Data Element Requirement Designator</u>. The data element requirements designator for each data element is listed on the right side under "Attributes." This reflects its usage as defined in the DLMS EDI standards. The following definitions are for use in interpreting the data element requirement designators in the industry-specific (left-side) section of the implementation conventions. Elements identified as mandatory on the right side must also be mandatory on the left side. Elements identified as optional or conditional on the right side may be any of the following on the left side except "Mandatory."

(a) <u>Mandatory</u>. This data element is mandatory as defined in the DLMS EDI standards and must be present in the segment. If this data element is not present, the transaction is subject to rejection and return to the originator.

(b) <u>Required</u>. This data element is required for the specific transaction set being defined in the implementation convention. If this data element is not present, the transaction is subject to rejection and being returned to the originator.

(c) <u>Recommended</u>. This data element is expected for the specific transaction set being defined in the implementation convention and should be present. However, if it is not, the transaction will still be processed by the recipient. A warning message will be issued to the originator.

(d) <u>Conditional</u>. The presence of this data element is dependent on the value or presence of other data elements in the transaction set.

(e) <u>Optional</u>. This data element is used at the option of the sending party or is based upon the mutual agreement of the trading partners.

(f) <u>Not Used</u>. This data element is not used in this application.

i. As indicated above, the right-side represents the segment and data element usages as defined in the DLMS EDI standards. In many cases, they represent capabilities not currently supportable in the fixed-length record environment. The information on the left-side reflects what is actually implementable at this time. For each data element one of the following categories will be stated for its use:

(1) <u>Source</u>. Indicates the record position(s) of the fixed-length records from which the data are to be obtained and placed in the EDI data element. A/ Due to the complexity of many of the fixed-length formats this may be expressed in conditional ("if-then") terms based on such factors as specific DI Code or data in other record positions.

(2) <u>Enhancement</u>. Data elements so labeled cannot be obtained from the fixed-length DLSS records. They were added as enhancements during the development of the EDI transactions. However, they are noted and explained here so that S/A can plan for their eventual inclusion in the standards. DLSSD is developing and staffing applicable policies/procedures for implementation. In the interim, S/A capable of generating EDI transactions may use these data immediately for Intra-S/A transactions or with another S/A by mutual agreement. S/A are required to request approval for use of these enhancements from DLSSD who will grant approval on an exception basis pending completion of the staffing process.

(3) <u>Qualifier</u>. This data element is used by EDI transactions but does not relate directly to data in the fixed-length records. The left-side notes will include instructions on how to complete this data element.

j. Usage notes may be accompanied by other notes to assist in explaining the EDI transactions and how they relate to the fixed-length records.

A/ This sentence is written in terms of translating from the fixed-length records to EDI, but is equally applicable to translating from EDI to fixed length.

APPENDIX O1

TRANSACTION SET 858

SHIPMENT INFORMATION

A. INTRODUCTION

Conversion of the automated TCMD formats in MILSTAMP appendix D and the automated GBL header format in MILSTAMP Figure 2-B-5 are explained in this section.

B. IMPACT

The translations described in these conventions will be transparent to MILSTAMP users. The ANSI X12 transaction structure, with its flexibility and variable-length data fields, offers significant improvement over the fixed 80 rp formats for TCMDs. Use of this increased capability by Service/Agency users of TCMDs is encouraged. However, use of additional segments/data elements must not conflict with the translation guidance in these conventions. Additional data will be disregarded by the translator unless DoD approval has been obtained in advance. Similarly, TCMDs which do not conform to MILSTAMP standards may result in error conditions in the translation process.

C. MILSTAMP USAGE NOTES

1. Users of these conventions (systems analyst and transportation functional analyst) must have access to the DLMS EDI standards and related DLMS technical guidance. Access to ANSI X12 standards and technical guidance, and DoD 4500.32-R, March 15, 1987; with Change 1, October 21, 1988 and Interim Changes 2-1 through 2-22 will also be required.

2. EDI is computer-to-computer data exchange; therefore, functional users should not be concerned with the structure/format of the data in the 858. They should, however, be concerned that the necessary data is provided in a usable format at the point required.

3. The functional relationship of TCMD prime and trailer cards is shown in the Decision Table for TCMD preparation in Figure D-1 of the basic regulation. In the translation process, each separate TCMD (prime and associated trailer cards)

is treated as a transaction (one 858). The GBL header and its related TCMDs are also treated as a single transaction. Each record (DI code) is one LX loop plus some common segments in the header. The system recognizes the relationship among TCMD records as depicted in MILSTAMP appendix D, and between TCMD records and the GBL header which is depicted in Figure 2-B-5 of the basic regulation.

4. These conventions are arranged in the EDI transaction sequence and depict the logic required to convert MILSTAMP 80 rp TCMD formats to and from EDI. For brevity, there is minimal repetition of the TCMD preparation instructions found in the basic regulation. Translation instructions are based on the assumption that the basic regulation standards have been met. If they have not and the transaction cannot be translated, instructions are provided that will allow the data to be transmitted in the 80-rp format as received and identify the conversion failure.

5. Strict adherence to MILSTAMP rules is essential when translating an 858 from its EDI format to the appropriate 80-rp MILSTAMP format. Data must be placed in the precise record positions specified in the crosswalk. In those instances where blank data fields occur, the blank record positions must be inserted when constructing the 80-position MILSTAMP record.

6. Much of the data in T_9 records is not structured with delimiters that a computer can recognize. For example, it would be preferable to map the hazardous material information carried in TJ9 and TE9 records to specific positions in the LH1 (511) loop. However, since the TJ9 and TE9 data is unformatted text, it must be mapped to a single LHR segment suitable for unformatted text.

D. ENHANCEMENTS

The DLMS (858) version of the TCMD does not carry any additional or enhanced functionality beyond that of the DLSS fixed-length version.

E. IMPLEMENTATION CONVENTIONS

The following pages contain the implementation conventions for Transaction Set 858.

858   SHIPMENT INFORMATION
Segment Hierarchy

VERSION: 002040   FUNCTION: XX   SMAR/DM:

DLSS DI CODE: TB0,   TB1,   TB2,   TB3,   TB4,   TB5,
TB8,   TB9,   TC0,   TC1,   TE0,   TE1,   TE2,   TE3,   TE4,
TE5,   TE6,   TE7,   TE9,   TF0,   TF1,   TF2,   TF3,   TF4,
TF5,   TF8,   TF9,   TG0,   TG1,   TG2,   TG3,   TG4,   TG5,
TG9,   TH0,   TH1,   TH2,   TH3,   TH4,   TH5,   TH8,   TH9,
TJ0,   TJ1,   TJ2,   TJ3,   TJ4,   TJ5,   TJ6,   TJ9,   TL0,
TL1,   TL2,   TL3,   TL4,   TL5,   TL9,   TP0,   TP1,   TP2,
TP3,   TP4,   TP5,   TP8,   T 9,   TUC,   TU1,   TU2,   TU3,
TU4,   TU5,   TU9,   TV0,   TV1,   TV2,   TV3,   TV4,   TV5,
TV9,   TX0,   TX1,   TX2,   TX3,   TX4,   TX5,   TX9.

INITIATOR:
SHIPPER, SHIPPER'S AGENT, OR BROKER.

PURPOSE:
THIS STANDARD PROVIDES THE FORMAT AND
ESTABLISHES THE DATA CONTENT OF A SHIPMENT
INFORMATION TRANSACTION SET.   THE SHIPMENT
INFORMATION TRANSACTION SET PROVIDES THE
SENDER WITH THE CAPABILITY TO TRANSMIT
DETAILED BILL-OF-LADING, RATING, AND/OR
SCHEDULING INFORMATION PERTINENT TO A
SHIPMENT.

	SEG ID	SEGMENT NAME	REQUIRE-MENT	MAX USE	LOOP ID	LOOP INDEX
USE	ST	TRANSACTION SET HEADER	M	1	0	0
	ZC1	BEGINNING SEGMENT FOR DATA CORRECTION OR CHANGE	O	1	0	0
USE	BX	GENERAL SHIPMENT INFORMATION	M	1	0	0
	BNX	RAIL SHIPMENT INFORMATION	O	1	0	0
	M3	RELEASE	O	1	0	0
USE	N9	REFERENCE NUMBER	O	30	0	0
	CM	CARGO MANIFEST	O	3	0	0
	Y6	AUTHENTICATION	O	4	0	0
	Y7	PRIORITY	O	1	0	0
	C3	CURRENCY	O	1	0	0
	ITD	TERMS OF SALE/DEFERRED TERMS OF SALE	O	1	0	0
USE	G62	DATE/TIME	O	10	0	0
	PER	ADMINISTRATIVE COMMUNICATIONS CONTACT	O	3	C	0
	NA	CROSS REFERENCE EQUIPMENT	O	999	0	0
	F9	ORIGIN STATION	O	1	0	0
	D9	DESTINATION STATION	O	1	0	0
	R1	ROUTE INFORMATION (AIR)	O	1	0	0
	R2	ROUTE INFORMATION	O	13	0	0
	R3	ROUTE INFORMATION - MOTOR	O	13	0	0
USE	R4	PORT	O	5	0	0
	MEA	MEASUREMENTS	O	1	0	0
	H3	SPECIAL HANDLING INSTRUCTIONS	O	20	0	0
	PS	PROTECTIVE SERVICE INSTRUCTIONS	O	5	0	0
	H6	SPECIAL SERVICES	O	6	0	0
	E1	EMPTY CAR DISPOSITION-PENDED DESTINATION CONSIGNEE	O	1	0	0
	E4	EMPTY CAR DISPOSITION - PENDED DESTINATION CITY	O	1	0	0
	E5	EMPTY CAR DISPOSITION - PENDED DESTINATION ROUTE	O	13	0	0
	M1	INSURANCE	O	1	0	0
	M2	SALES/DELIVERY TERMS	O	1	0	0
	L7	TARIFF REFERENCE	O	30	0	0
	NTE	NOTE/SPECIAL INSTRUCTIONS	O	30	0	0

858   SHIPMENT INFORMATION
Segment Hierarchy, Continued ...

	SEG ID	SEGMENT NAME	REQUIRE-MENT	MAX USE	LOOP ID	LOOP INDEX
	XH	PRO FORMA - B13 INFORMATION	O	1	0	0
	GA	CANADIAN GRAIN INFORMATION	O	1	0	0
	N7	EQUIPMENT DETAILS	O	1	0200	600
	NA	CROSS REFERENCE EQUIPMENT	O	30	0200	0
	M7	SEAL NUMBERS	O	5	0200	0
	N5	EQUIPMENT ORDERED	O	1	0200	0
	REF	REFERENCE NUMBERS	O	5	0200	0
	IC	INTERMODAL CHASSIS EQUIPMENT	O	1	0200	0
	VC	MOTOR VEHICLE CONTROL	O	21	0200	0
USE	N1	NAME	O	1	0300	10
	N2	ADDITIONAL NAME INFORMATION	O	2	0300	0
	N3	ADDRESS INFORMATION	O	2	0300	0
	N4	GEOGRAPHIC LOCATION	O	1	0300	0
	REF	REFERENCE NUMBERS	O	12	0300	0
	PER	ADMINISTRATIVE COMMUNICATIONS CONTACT	O	3	0300	0
USE	S5	STOP-OFF DETAILS	O	1	0400	5
	G62	DATE/TIME	O	6	0400	0
	N9	REFERENCE NUMBER	O	10	0400	0
	H6	SPECIAL SERVICES	O	6	0400	0
USE	N1	NAME	O	1	0410	5
	N2	ADDITIONAL NAME INFORMATION	O	2	0410	0
	N3	ADDRESS INFORMATION	O	2	0410	0
	N4	GEOGRAPHIC LOCATION	O	1	0410	0
USE	REF	REFERENCE NUMBERS	O	12	0410	0
	PER	ADMINISTRATIVE COMMUNICATIONS CONTACT	O	3	0410	0
USE	LX	ASSIGNED NUMBER	M	1	0500	999
USE	N7	EQUIPMENT DETAILS	O	1	0500	0
	NA	CROSS REFERENCE EQUIPMENT	O	1	0500	0
USE	M7	SEAL NUMBERS	O	5	0500	0
USE	N5	EQUIPMENT ORDERED	O	1	0500	0
USE	REF	REFERENCE NUMBERS	O	5	0500	0
	IC	INTERMODAL CHASSIS EQUIPMENT	O	1	0500	0
	VC	MOTOR VEHICLE CONTROL	O	24	0500	0
	L7	TARIFF REFERENCE	O	10	0500	0
USE	N9	REFERENCE NUMBER	O	10	0500	0
	X1	EXPORT LICENSE	O	6	0500	0
	X2	IMPORT LICENSE	O	1	0500	0
USE	L5	DESCRIPTION, MARKS AND NUMBERS	O	10	0500	0
USE	L0	LINE ITEM - QUANTITY AND WEIGHT	O	1	0510	10
	L1	RATE AND CHARGES	O	20	0510	0
USE	MEA	MEASUREMENTS	O	10	0510	0
USE	LH1	HAZARDOUS IDENTIFICATION INFORMATION	O	1	0520	100
USE	LH2	HAZARDOUS CLASSIFICATION INFORMATION	O	2	0520	0
USE	LH3	HAZARDOUS MATERIAL SHIPPING NAME	O	10	0520	0
USE	LH4	CANADIAN DANGEROUS REQUIREMENTS	O	1	0520	0
USE	LHR	HAZARDOUS MATERIAL IDENTIFYING REFERENCE NUMBERS	O	10	0520	0
	LHE	EMPTY EQUIPMENT HAZARDOUS MATERIAL INFORMATION	O	1	0520	0
	LH5	HAZARDOUS MATERIAL SHIPMENT CONTACTS	O	2	0500	0
	LH6	HAZARDOUS CERTIFICATION	O	5	0500	0
	L3	TOTAL WEIGHT AND CHARGES	O	1	0	0
USE	SE	TRANSACTION SET TRAILER	M	1	0	0

858   **SHIPMENT INFORMATION**
            SEGMENTS USED BY MILSTAMP

PAGE NO.	SEG ID	SEGMENT NAME	REQUIRE-MENT	MAX USE	LOOP ID	LOOP INDEX
6	ST	TRANSACTION SET HEADER	M	1	0	0
8	BX	GENERAL SHIPMENT INFORMATION	M	1	0	0
12	N9	REFERENCE NUMBER	O	30	0	0
13	G62	DATE/TIME	O	10	0	0
14	R4	PORT	O	5	0	0
16	N1	NAME	O	1	0300	10
17	S5	STOP-OFF DETAILS	O	1	0400	5
19	N1	NAME	O	1	0410	5
21	REF	REFERENCE NUMBERS	O	12	0410	0
22	LX	ASSIGNED NUMBER	M	1	0500	999
23	N7	EQUIPMENT DETAILS	O	1	0500	0
26	M7	SEAL NUMBERS	O	5	0500	0
27	N5	EQUIPMENT ORDERED	O	1	0500	0
28	REF	REFERENCE NUMBERS	O	5	0500	0
30	N9	REFERENCE NUMBER	O	10	0500	0
33	L5	DESCRIPTION, MARKS AND NUMBERS	O	10	0500	0
37	L0	LINE ITEM - QUANTITY AND WEIGHT	O	1	0510	10
40	MEA	MEASUREMENTS	O	10	0510	0
42	LH1	HAZARDOUS IDENTIFICATION INFORMATION	O	1	0520	100
44	LH2	HAZARDOUS CLASSIFICATION INFORMATION	O	2	0520	0
45	LH3	HAZARDOUS MATERIAL SHIPPING NAME	O	10	0520	0
46	LH4	CANADIAN DANGEROUS REQUIREMENTS	O	1	0520	0
47	LHR	HAZARDOUS MATERIAL IDENTIFYING REFERENCE NUMBERS	O	10	0520	0
48	SE	TRANSACTION SET TRAILER	M	1	0	0

858 SHIPMENT INFORMATION
ST TRANSACTION SET HEADER

	Segment:	**ST**	- TRANSACTION SET HEADER
	Level:		
Mandatory	Req. Des.:	M	
1	Max Use:	1	
	Loop:	-	

Purpose: TO INDICATE THE START OF A
TRANSACTION SET AND TO ASSIGN A CONTROL
NUMBER.

Comments: A. THE TR. ヽ CTION SET IDENTIFIER (ST01)
IS INTENDED FOR USE BY THE TRANSLATION
ROUTINES OF THE INTERCHANGE PARTNERS TO
SELECT THE APPROPRIATE TRANSACTION SET
DEFINITION (E.G., 810 SELECTS THE
INVOICE TRANSACTION SET).

-------------------------- Data Element Summary --------------------------

Ref Des.	Data Element	Name	Attributes
Mandatory	ST 01	143	TRANSACTION SET IDENTIFIER CODE	M ID 03/03

ST 01 143 TRANSACTION SET IDENTIFIER CODE   M ID 03/03
CODE UNIQUELY IDENTIFYING A TRANSACTION SET.

CODE   DEFINITION
858 X12.18 SHIPMENT INFORMATION

SOURCE(S):
1. ASSIGNED BY TRANSLATOR BASED ON CONTENT
   OF RP1-3 OF TCMD OR GBL HEADER RECORD
NOTE(S):
A. "GBL" IN RP 1-3 INDICATES GBL HEADER
B. T_0-9 WITH B, C, E, F, G, H, J, L, P, U
   V, OR X IN THE SECOND POSITION INDICATES
   TCMD INFORMATION.
C. NORMAL TCMD TRANSACTIONS CONSIST OF TCMD
   PRIME DATA RECORD (T_0/1, T_2, OR T_3)
   AND TRAILER RECORDS (ANY OF T_4-9).
   TRAILER RECORDS ARE SUBORDINATE TO THE
   PRIME RECORD WITH WHICH THEY ARE
   ASSOCIATED. A T_3 MAY BE A TRAILER TO A
   T_2 WHEN A CONSOLIDATION SHIPMENT IS
   LOADED IN A RORO/SEAVAN/MILVAN. WHEN
   THIS OCCURS, THE RORO/SEAVAN/MILVAN
   NUMBER WILL APPEAR IN RP 4-8 OF THE T-3.
   A T_4 MAY HAVE OTHER TRAILER RECORDS
   SUBORDINATE TO IT. IT IS RECOGNIZED
   THAT T_0-4 ARE ALL CONSIDERED PRIME
   RECORDS IN MILSTAMP. HOWEVER, FOR
   ACCURACY OF EDI TRANSLATIONS THE
   SUBORDINATE RELATIONSHIP EXPLAINED
   ABOVE IS THE ONE THAT ACTUALLY EXISTS.
D. TCMDS MAY BE GROUPED UNDER A GBL
   HEADER RECORD. THIS GBL HEADER RECORD
   CREATES AN 858 TRANSACTION. ASSOCIATED
   TCMDs, STRUCTURED AS DESCRIBED ABOVE,
   FOLLOW THE GBL HEADER IN SEQUENCE WITHIN
   THE SAME 858 TRANSACTION.
5. A SYMBOL OR ALPHA CHARACTER IN RECORD
   POSITION 53 INDICATES A TCMD DELETION
   OR CORRECTION. IN THIS SITUATION A T_4
   MAY BE THE PRIME RECORD IF THERE IS NOT
   A RELATED T_2 OR T_3 IN THE DATA
   TRANSMISSION.

858   SHIPMENT INFORMATION
ST   TRANSACTION SET HEADER, Continued ...

Mandatory	ST 02 329	TRANSACTION SET CONTROL NUMBER	M AN 04/09
		IDENTIFYING CONTROL NUMBER ASSIGNED BY THE	
		ORIGINATOR FOR A TRANSACTION SET.	

NOTE(S):
A. ASSIGNED BY THE TRANSLATOR. THE
    TRANSACTION SET CONTROL NUMBER WILL BE
    SEQUENTIALLY ASSIGNED WITHIN EACH
    FUNCTIONAL GROUP. SEQUENTIAL NUMBERING
    AIDS IN ERROR RECOVERY AND RESEARCH.
    THE SAME CONTROL NUMBER MUST APPEAR IN
    THE SE SEGMENT OF THE TRANSACTION.

858 SHIPMENT INFORMATION
BX GENERAL SHIPMENT INFORMATION

Mandatory 1	Segment: **BX** — GENERAL SHIPMENT INFORMATION Level: Req. Des.: M Max Use: 1 Loop: - Purpose: TO TRANSMIT IDENTIFICATION NUMBERS AND OTHER BASIC SHIPMENT DATA. Comments: A. BX05 CONTAINS THE SCAC OF THE ORIGINAL CARRIER RECEIVING THE SHIPMENT.

SIDE Notes:
A. THE COMMENT ON BX05 DOES NOT APPLY TO
   TCMD/GBL HEADER TRANSACTIONS.

-------------------------- Data Element Summary --------------------------

Ref Des.	Data Element	Name	Attributes
Mandatory BX 01	353	TRANSACTION SET PURPOSE CODE CODE IDENTIFYING PURPOSE OF TRANSACTION SET.	M ID 02/02

CODE   DEFINITION
00   ORIGINAL
01   CANCELLATION
04   CHANGE
12   NOT PROCESSED

QUALIFIER(S):
1. ENTER NUMERIC CODE "00" IF CONTENT OF
   RP 1-3 IS "GBL" (GBL HEADER) OR IF A
   TCMD WITHOUT A GBL HEADER AND THE
   CONTENT OF RP 53 OF THE TCMD PRIME
   RECORD IS NUMERIC.

2. ENTER "01" IF THE CONTENT OF RP 53 OF
   THE TCMD PRIME RECORD IS "/", "S", "T"
   OR "U".

3. ENTER "04" IF THE CONTENT OF RP 53 OF
   THE TCMD PRIME RECORD IS "A", "B", "C"
   OR "D".

ENHANCEMENT(S):
1. ENTER "12" IF THE 858 IS CONSTRUCTED
   BECAUSE THE 80 POSITION TCMD RECORD
   CANNOT BE TRANSLATED.

2. WHEN AN 80 RP RECORD DEVIATES FROM
   MILSTAMP RULES IT CAN NOT BE TRANSLATED.
   WHEN THIS OCCURS AND THE UNTRANSLATED
   RECORD CAN BE ASSOCIATED WITH A PRIME
   RECORD IT WILL BE PLACED IN A REF
   SEGMENT OF THE APPROPRIATE 858. IF THE
   UNTRANSLATED RECORD CANNOT BE RELATED TO
   A PRIME RECORD A SEPARATE 858 WILL BE
   GENERATED AND THE CODE "12" WILL BE USED
   TO INDICATE THIS IS AN UNTRANSLATED
   RECORD.

NOTE(S):

858 SHIPMENT INFORMATION
BX GENERAL SHIPMENT INFORMATION, Continued ...

A. ZERO AND TWELVE ZONE OVERPUNCHES ARE USED IN RP 53 (TRANSPORTATION PRIORITY FIELD) TO INDICATE TCMD CANCELLATIONS AND CORRECTIONS. WHEN CANCELLATIONS AND CORRECTIONS ARE TRANSMITTED THE NORMAL SUBORDINATE RELATIONSHIP OF A T_4 IS NOT APPLICABLE. A T_4 MAY BE THE PRIME RECORD IN THE TCMD AND A CORRESPONDING T_2 OR T_3 MAY NOT BE PRESENT.

Mandatory	BX 02	91	TRANSPORTATION METHOD CODE	M ID 01/02

CODE SPECIFYING THE METHOD OF TRANSPORTATION FOR THE SHIPMENT.

CODE	DEFINITION
6	MILITARY OFFICIAL MAIL (MOM)*
7	EXPRESS MAIL*
A	AIR
AC	AIR CHARTER
AE	AIR EXPRESS
AQ	QUICKTRANS*
AR	ARMED FORCES COURIER SERVICE (ARFCOS)*
B	BARGE
BU	BUS
C	CONSOLIDATION
CE	CUSTOMER PICKUP/CUSTOMER'S EXPENSE
D	PARCEL POST
DW	DRIVEAWAY, TRUCKAWAY, TOWAWAY*
E	EXPEDITED TRUCK
ED	EUROPEAN DISTRIBUTION SYSTEM/PACIFIC DISTRIBUTION SYSTEM*
FA	AIR FREIGHT FORWARDER*
H	CUSTOMER PICKUP
I	COMMON IRREGULAR CARRIER
J	MOTOR
L	CONTRACT CARRIER
LA	LOGAIR*
LP	LOADED AT PORT*
LT	LESS THAN TRAILER LOAD (LTL)
O	CONTAINERIZED OCEAN
P	PRIVATE CARRIER
PL	PIPELINE
Q	CONVENTIONAL OCEAN
R	RAIL
RC	RAIL, LESS THAN CARLOAD (INCLUDES TOFC/COFC (EXCLUDING SEAVAN))*
S	OCEAN
SR	SUPPLIER TRUCK
T	BEST WAY (SHIPPERS OPTION)
U	PRIVATE PARCEL SERVICE
W	INLAND WATERWAY
X	INTERMODAL (PIGGYBACK)
Y	MILITARY INTRATHEATER AIRLIFT SERVICE*
ZZ	MUTUALLY DEFINED

SOURCE(S):
1. RP 27 OF T_0-3, EXCLUDING TC1.
2. IF RP 2 OF T_1 IS C, TRANSLATOR ENTERS "AR".
3. IF RP 27 OF T_2, 3 IS BLANK, TRANSLATOR ENTERS "LP".

NOTES(S):
A. CODE IS PERPETUATED THROUGHOUT ALL RELATED T_4-9 RECORDS IN THE TRANSACTION SET.
B. "ZZ" IS ALWAYS ENTERED FOR GBL HEADER.

858   SHIPMENT INFORMATION
BX GENERAL SHIPMENT INFORMATION, Continued ...

C. TO SATISFY THE X12 MANDATORY
   REQUIREMENT FOR THE USE OF BX01 "AR" IS
   ENTERED FOR DIC TL1 AND "LP" IS ENTERED
   WHEN RP 27 OF T_2,3 IS BLANK.
D. THE FOLLOWING TABLE PROVIDES A CROSS
   WALK BETWEEN X12 AND MILSTAMP CODES:

X12		MILSTAMP
6	6	MILITARY OFFICIAL MAIL (MOM)
7	7	EXPRESS MAIL
A	Q	COMMERCIAL AIR FREIGHT
AC	F	MAC CHANNEL AND SPECIAL ASSIGNMENT AIRLIFT MISSION
AE	J	AIR-SMALL PACKAGE CARRIER
B	2	GOVERNMENT WATERCRAFT, BARGE, OR LIGHTER
BU	E	BUS
C	C	VAN (UNPACKED, UNCRATED PERSONAL OR GOVERNMENT PROPERTY)
CE	X	BEARER, WALK-THRU (CUSTOMER PICKUP OF MATERIEL)
D	H	AIR PARCEL POST
E	G	SURFACE PARCEL POST
H	O	ORGANIC MILITARY AIR (INCLUDING AIRCRAFT OF FOREIGN GOVERNMENTS)
I	M	SURFACE-FREIGHT FORWARDER
J	A	MOTOR, TRUCKLOAD
L	S	SCHEDULED TRUCK SERVICE (APPLIES TO TO CONTRACT CARRIAGE, GUARANTEED TRAFFIC ROUTINGS AND/OR SCHEDULED SERVICE)
LP		LOADED AT PORT (NO MILSTAMP CODE, SEE BX02, NOTE 3 ABOVE)
LT	8	MOTOR, LESS THAN TRUCKLOAD
O	V	SEAVAN
PL	8	PIPELINE
AR	4	ARMED FORCES COURIER SERVICE (ARFCOS)
Q	P	THROUGH GOVERNMENT BILL OF LADING (TGBL)
R	K	RAIL, CARLOAD (INCLUDES TOFC/COFC (EXCLUDING SEAVAN))
S	Z	MILITARY SEALIFT COMMAND (MSC); CONTROLLED, CONTRACT, OR ARRANGED SPACE
SR	I	GOVERNMENT TRUCKS, FOR SHIPMENT OUTSIDE LOCAL DELIVERY AREA
T	9	LOCAL DELIVERY BY GOVERNMENT OR COMMERCIAL TRUCK INCLUDING ONBASE TRANSFERS AND DELIVERIES BETWEEN AIR, WATER, OR MOTOR TERMINALS, AND ADJACENT ACTIVITIES. LOCAL DELIVERY AREAS ARE IDENTIFIED IN COMMERCIAL CARRIERS' TARIFFS WHICH ARE FILED AND APPROVED BY REGULATORY AUTHORITIES.
U	5	SURFACE-SMALL PACKAGE CARRIER
W	W	WATER, RIVER, LAKE, COASTAL (COMMERCIAL)
X	3	ROLL ON ROLL OFF (RORO) SERVICE
Y	Y	MILITARY INTRATHEATER AIRLIFT SERVICE
AQ	U	QUICKTRANS
DW	D	DRIVEAWAY, TRUCKAWAY, TOWAWAY
ED	R	EUROPEAN DISTRIBUTION SYSTEM/

858   SHIPMENT INFORMATION
BX GENERAL SHIPMENT INFORMATION, Continued ...

PACIFIC DISTRIBUTION SYSTEM
LA N   LOGAIR
FA T   AIR FREIGHT FORWARDER
RC L   RAIL, LESS THAN CARLOAD (INCLUDES
       TOFC/COFC (EXCLUDING SEAVAN))
ZZ   GBL HEADER (NO MILSTAMP CODE,
       SEE BX02, NOTE 2 ABOVE)

Mandatory | BX 03 146 | SHIPMENT METHOD OF PAYMENT | M ID 02/02
CODE IDENTIFYING PAYMENT TERMS FOR TRANSPORTATION
CHARGES.

> CODE   DEFINITION
> NS NOT SPECIFIED

QUALIFIER(S):
1. TRANSLATION PROGRAM. FILLER/INFORMATION
   MANDATORY BY X12 STANDARD, NOT DERIVED
   FROM TCMD OR GBL HEADER.
NOTE(S):
A. SEE APPENDIX Q, NOTE A.

Recommended | < | BX 04 145 | SHIPMENT IDENTIFICATION NUMBER | O AN 01/30
SOURCE(S):
1. RP 4-11 OF GBL HEADER.
NOTE(S):
A. THE SAME NUMBER WILL APPEAR IN THE SAME
   POSITION (BX04) IN EACH TRANSACTION IN
   THE GBL GROUPING. THIS ALLOWS A CROSS-
   REFERENCE BETWEEN THE GBL HEADER AND
   RELATED TCMDS.

IDENTIFICATION NUMBER ASSIGNED TO THE SHIPMENT BY
THE SHIPPER THAT UNIQUELY IDENTIFIES THE SHIPMENT
FROM ORIGIN TO ULTIMATE DESTINATION AND IS NOT
SUBJECT TO MODIFICATION. (DOES NOT CONTAIN BLANKS OR
SPECIAL CHARACTERS.)

Not Used | < | BX 05 140 | STANDARD CARRIER ALPHA CODE (SCAC) | O ID 02/04

Not Used | < | BX 06 188 | WEIGHT UNIT QUALIFIER | O ID 01/01

Not Used | < | BX 07 147 | SHIPMENT QUALIFIER | O ID 01/01

Not Used | < | BX 08 226 | SECTION SEVEN CODE | O ID 01/01

Not Used | < | BX 09 195 | CAPACITY LOAD CODE | O ID 01/01

Not Used | < | BX 10 160 | STATUS REPORT REQUEST CODE | O ID 01/01

Not Used | < | BX 11 501 | CUSTOMS DOCUMENTATION HANDLING CODE | O ID 02/02

Not Used | < | BX 12 199 | CONFIDENTIAL BILLING REQUEST CODE | O ID 01/01

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858   SHIPMENT INFORMATION
N9   REFERENCE NUMBER

```
                                          Segment:  N9   -  REFERENCE NUMBER
                                          Level:
                        Optional          Req. Des.:  O
                        30                Max Use:  30
                                          Loop:  -
                                          Purpose:  TO TRANSMIT IDENTIFYING NUMBERS
                                                    AND DESCRIPTIVE INFORMATION AS SPECIFIED BY
                                                    THE REFERENCE NUMBER QUALIFIER.

                                          Syntax Notes:  1.  AT LEAST ONE OF N902 OR N903 MUST BE
                                                             PRESENT.

SIDE Notes:
A.  USE ONLY FOR GBL HEADER.
B.  WHEN USED FOR GBL HEADER USE OF
    N901-03 IS REQUIRED.


                                          ------------------------- Data Element Summary -------------------------

                                          Ref   Data
                                          Des.  Element Name                                        Attributes
                                          ----  ------- ----                                        ----------

                        Mandatory         N9 01  128    REFERENCE NUMBER QUALIFIER                  M ID 02/02
                                                        CODE QUALIFYING THE REFERENCE NUMBER.

                                                        CODE          DEFINITION
                                                        DD DOCUMENT IDENTIFICATION CODE
QUALIFIER(S):
1.  TRANSLATION PROGRAM BASED ON DATA IN
    RP 1-3 OF GBL HEADER.
NOTE(S):
A.  GBL IN RP 1-3 INDICATES USE OF CODE "DD
B.  LETTERS "GBL" IN THIS SITUATION IS
    CONSIDERED A DIC.

                        Required   <     N9 02  127    REFERENCE NUMBER                             C AN 01/40
SOURCE(S):                                              REFERENCE NUMBER OR IDENTIFICATION NUMBER AS DEFINED    R0203
1.  RP 1-3 OF GBL HEADER.                               FOR A PARTICULAR TRANSACTION SET, OR AS SPECIFIED BY
NOTE(S):                                                THE REFERENCE NUMBER QUALIFIER.*
A.  TO CONFORM TO X12 STANDARDS, N902 IS                ALSO SEE: REFERENCE NUMBER QUALIFIER (128).
    LIMITED TO 30 CHARACTERS.
B.  SEE APPENDIX Q, NOTE A.

                        Conditional       N9 03  369    FREE-FORM DESCRIPTION                        C AN 01/45
SOURCE(S):                                              FREE-FORM DESCRIPTIVE TEXT.                   R0203
1.  RP 17-19 OF GBL HEADER.
NOTE(S):
A.  THE NUMBER IN RP 17-19 IS THE NUMBER OF
    TCMDS GROUPED UNDER THE GBL HEADER.
B.  SEE APPENDIX Q, NOTE A.

                        Not Used   <     N9 04  373    DATE                                         O DT 06/06


                        Not Used   <     N9 05  337    TIME                                         O TM 04/04
```

858   SHIPMENT INFORMATION
G62 DATE/TIME

```
                                    Segment: G62 — DATE/TIME
                                      Level:
                     Optional         Req. Des.: O
                          10            Max Use: 10
                                          Loop: -
                                       Purpose: TO SPECIFY PERTINENT DATES AND
                                                TIMES.

                                 Syntax Notes: 1.  AT LEAST ONE OF G6201 OR G6203 MUST BE
                                                   PRESENT.
                                               2.  IF EITHER G6201 OR G6202 IS PRESENT,
                                                   THEN, THE OTHER IS REQUIRED.
                                               3.  IF EITHER G6203 OR G6204 IS PRESENT,
                                                   THEN THE OTHER IS REQUIRED.


SIDE Notes:
A. USE ONLY FOR GBL HEADER.



                                 ---------------------- Data Element Summary ----------------------

                                 Ref   Data
                                 Des.  Element Name                                        Attributes
                                 ----  ------- ------------------------------------------  ----------
                     Conditional G6201  432   DATE QUALIFIER                              C ID 02/02
                                             CODE SPECIFYING TYPE OF DATE.                  R0103

                                                 CODE          DEFINITION
                                                  47  RELEASED
QUALIFIER(S):
1. TRANSLATION PROGRAM ENTERS "47" IF DATA
   IS CARRIED IN G6202.
                     Recommended |< G6202  373   DATE                                     C DT 06/06
SOURCE(S):                                     DATE (YYMMDD).                                P0102
1. RP 27-30 OF GBL HEADER.
NOTE(S):
A. TRANSLATOR TO CONVERT DATE FROM MILSTAMP
   FORMAT TO X12 YYMMDD FORMAT.
   SEE APPENDIX "R" OF THESE CONVENTIONS
   FOR CONVERSION RULES.
B. SEE APPENDIX Q, NOTE C.


                        Not Used |< G6203  176   TIME QUALIFIER                           C ID 01/01
                                                                                            R0103

                        Not Used |< G6204  337   TIME                                     C TM 04/04
                                                                                            P0304
```

858   SHIPMENT INFORMATION
R4   PORT

```
                                    Segment:  R4  - PORT
                                      Level:
                    Required  |<|  Req. Des.:  O
                           5  | |    Max Use:  5
                              | |      Loop:  -
                              | |    Purpose:  CONTRACTUAL OR OPERATIONAL PORT
                              | |              OR POINT RELEVANT TO THE MOVEMENT OF THE
                              | |              CARGO.
                              | |
                              | |   Comments:  A.  R4 IS REQUIRED FOR EACH PORT TO BE
                              | |                  IDENTIFIED.
SIDE Notes:                   | |
A.  R4 IS USED FOR POE INFORMATION FROM
    EITHER THE TCMD PRIME CARD OR THE GBL
    HEADER.  WHEN A GBL HEADER IS USED THE
    POE WILL BE THE SAME FOR THE RELATED
    TCMDS.

B.  FOR TC1 THE R401 IS USED TO DISTINGUISH
    IF THE CTS AND APOE ARE COLOCATED OR
    NOT.

C.  R401-03 ARE REQUIRED WHEN R4 IS USED.

                              | |  ------------------------ Data Element Summary ------------------------
                              | |
                              | |  Ref   Data
                              | |  Des.  Element Name                                          Attributes
                              | |  ----- ------- ------------------------------------------    ----------
                              | |
                    Mandatory | |  R4 01  115    PORT FUNCTION CODE                            M ID 01/01
                              | |               CODE DEFINING FUNCTION PERFORMED AT THE PORT WITH
                              | |               RESPECT TO A SHIPMENT.
                              | |
                              | |                   CODE          DEFINITION
                              | |                   A  PLACE OF ACCEPTANCE*
                              | |                   L  PORT OF LOADING
QUALIFIER(S):                 | |
1.  TRANSLATION PROGRAM ENTERS "L" WHEN DATA
    IS FROM RP 21-23 OF T_0-3 OR RP 31-33
    OF GBL HEADER OR RP 27 OF TC1 CONTAINS
    "9".
2.  IF RP 27 OF TCI IS "X" ENTER "A".

NOTE(S):
A.  FOR TRANSLATION FROM EDI TO MILSTAMP
    FORMAT ENTER "9" IN RP 27 WHEN DIC IS
    TCI AND CODE "L" IS USED.  ENTER "X" IN
    RP 27 WHEN DIC IS TC1 AND CODE "A" IS
    USED.
                    Required |<|  R4 02  309    LOCATION QUALIFIER                            O ID 01/02
                              | |               CODE IDENTIFYING TYPE OF LOCATION.
                              | |
                              | |                   CODE          DEFINITION
                              | |                   IM  MILSTAMP
QUALIFIER(S):                 | |
1.  TRANSLATION PROGRAM ENTERS "IM."
                              | |
                    Required |<|  R4 03  310    LOCATION IDENTIFIER                           C AN 01/25
SOURCE(S):                    | |               CODE WHICH IDENTIFIES A SPECIFIC LOCATION.
1.  RP 21-23 FROM T_0-3 OR RP 31-33 OF
```

858   SHIPMENT INFORMATION
R4   PORT, Continued ...

GBL HEADER.
NOTE(S):
A. SEE APPENDIX Q, NOTE C.

Not Used	<	R4	04	114	PORT NAME	C AN 02/24
Not Used	<	R4	05	26	COUNTRY CODE	C ID 02/02
Not Used	<	R4	06	174	TERMINAL NAME	C AN 02/19
Not Used	<	R4	07	113	PIER NUMBER	C AN 01/04
Not Used	<	R4	08	156	STATE OR PROVINCE CODE	O ID 02/02

858   SHIPMENT INFORMATION
N1   NAME

```
                                    Segment:  N1  —  NAME
                                      Level:
                    Optional  |   |  Req. Des.:  O
                          1   |   |   Max Use:  1
                                       Loop:  0300
                         10   |   |    Repeat:  10
                                     Purpose:  TO IDENTIFY A PARTY BY TYPE OF
                                               ORGANIZATION, NAME, AND CODE.

                              |   |  Syntax Notes:  1.  AT LEAST ONE OF N102 OR N103 MUST BE
                              |   |                      PRESENT.
                              |   |                  2.  IF EITHER N103 OR N104 IS PRESENT, THEN
                              |   |                      THE OTHER IS REQUIRED.

                              |   |     Comments:  A.  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.
```

SIDE Notes:
A. USE ONLY FOR GBL HEADER.
B. N101, 03, & 04 ARE REQUIRED WHEN N1 IS
    USED.
C. LOOP 300 IS OPTIONAL, BUT IF USED, THIS
    SEGMENT IS MANDATORY FOR EACH OCCURRANCE
    OF THE LOOP.

```
                              |---------------------------- Data Element Summary ----------------------------
                              |   |
                              |   |  Ref   Data
                              |   |  Des.  Element Name                                              Attributes
                              |   |  ----  ------- ----                                              ----------
               Mandatory      |   |  N1 01   98    ENTITY IDENTIFIER CODE                            M ID 02/02
                              |   |                 CODE IDENTIFYING AN ORGANIZATIONAL ENTITY OR A
                              |   |                 PHYSICAL LOCATION.

                              |   |                      CODE          DEFINITION
                              |   |                      CI   CONSIGNOR
QUALIFIER(S):                 |   |
1.  TRANSLATOR ENTERS "CI" FOR GBL HEADER. |
               Not Used   |<  |  N1 02   93    NAME                                              C AN 01/35
                              |   |                                                                    R0203

               Conditional    |   |  N1 03   66    IDENTIFICATION CODE QUALIFIER                    C ID 01/02
                              |   |                 CODE DESIGNATING THE SYSTEM/METHOD OF CODE STRUCTURE  P0304
                              |   |                 USED FOR IDENTIFICATION CODE (67).

                              |   |                      CODE          DEFINITION
                              |   |                      10 DEPARTMENT OF DEFENSE ACTIVITY ADDRESS CODE
                              |   |                         (DODAAC)
QUALIFIER(S):                 |   |
1.  TRANSLATOR ENTERS "10" FOR GBL HEADER. |

               Conditional    |   |  N1 04   67    IDENTIFICATION CODE                              C ID 02/17
SOURCE(S):                    |   |                 CODE IDENTIFYING A PARTY.                           P0304
1.  RP 20-25 OF GBL HEADER.   |   |                 ALSO SEE: IDENTIFICATION CODE QUALIFIER (66).
NOTE(S):
A.  SEE APPENDIX Q, NOTE A.
```

858   SHIPMENT INFORMATION
85   STOP-OFF DETAILS

Segment:	**85** — STOP-OFF DETAILS
Level:	
Req. Des.:	O
Max Use:	1
Loop:	0400
Repeat:	5
Purpose:	TO SPECIFY STOP-OFF DETAILS IN TERMS OF WEIGHT, QUANTITY AND VOLUME.

Optional
1

5

Syntax Notes: 1. IF EITHER S503 OR S504 IS PRESENT, THEN THE OTHER IS REQUIRED.
2. IF EITHER S505 OR S506 IS PRESENT, THEN THE OTHER IS REQUIRED.
3. IF EITHER S507 OR S508 IS PRESENT, THEN THE OTHER IS REQUIRED.

Comments: A. S509 IS THE STOP REASON DESCRIPTION.

SIDE Notes:
A. THE S5 (0400) LOOP IS USED IN THE TCMD TRANSLATION TO CARRY THE STOP-OFF SEQUENCE AND THE CONSIGNEE DODAAC.
B. AN ADDITIONAL ITERATION OF THE STOP-OFF LOOP IS PERFORMED FOR EACH STOP-OFF LISTED.
C. MILSTAMP ALLOWS THE USE OF TWO STOPS PER T_9.
D. THE ALPHA CHARACTER IN RP 80 OF THE STOP OFF T_9 IS CARRIED IN THE S5 LOOP REF SEGMENT. THIS IS USED TO LINK MULTIPLE STOPS LISTED IN A SINGLE T_9 RECORD AND CONTROL THE SEQUENCE OF THE T_9 RECORDS.
E. THE DIC T_9 IS NOT CARRIED IN EDI FOR A STOP OFF T_9 RECORD. THE DIC T_9 IS IMPLIED, BASED ON THE USE OF THE 0400 (S5) LOOP AND WILL BE ENTERED IN RP 1-3 BY THE TRANSLATOR WHEN CONVERTING TO AN 80 RP FORMAT.
F. LOOP 400 IS OPTIONAL, BUT IF USED, THIS SEGMENT IS MANDATORY FOR EACH OCCURRANCE OF THE LOOP.

-------------------------- Data Element Summary --------------------------

Ref Des.	Data Element	Name	Attributes
Mandatory			
S5 01	165	SEQUENCE NUMBER IDENTIFYING NUMBER FOR THE SPECIFIC STOP AND THE SEQUENCE IN WHICH THE STOP IS TO BE PERFORMED PRIOR TO THE MOVEMENT TO FINAL DESTINATION.	M NO 01/02
Mandatory			
S5 02	163	STOP REASON CODE CODE SPECIFYING THE REASON FOR THE STOP.	M ID 02/02

SOURCE(S):
1. RP 58-59 IF STOP IN RP 54-57, OR AN ALPHA CHARACTER IN RP 80 OF T_9.

2. RP 72-73 IF STOP IN RP 68-71, OR AN ALPHA CHARACTER IN RP 80 OF T_9.

CODE   DEFINITION
PU PART UNLOAD

858 SHIPMENT INFORMATION
85 STOP-OFF DETAILS, Continued ...

QUALIFIER(S):
1. ADDED BY TRANSLATOR WHEN DATA PRESENT IN S501.

Not Used	<	S5 03	81	WEIGHT	O R 01/08 P0304
Not Used	<	S5 04	188	WEIGHT UNIT QUALIFIER	C ID 01/01 P0304
Not Used	<	S5 05	382	NUMBER OF UNITS SHIPPED	O R 01/10 P0506
Not Used	<	S5 06	355	UNIT OF MEASUREMENT CODE	C ID 02/02 P0506
Not Used	<	S5 07	183	VOLUME	O R 01/08 P0708
Not Used	<	S5 08	184	VOLUME UNIT QUALIFIER	C ID 01/01 P0708
Not Used	<	S5 09	352	DESCRIPTION	O AN 01/80
Not Used	<	S5 10	154	STANDARD POINT LOCATION CODE (SPLC)	O ID 06/09
Not Used	<	S5 11	190	ACCOMPLISH CODE	O ID 01/01

858   SHIPMENT INFORMATION
N1   NAME

```
                                    Segment:  N1  - NAME
                                    Level:
              Optional    |  |      Req. Des.:  O
                    1      |  |      Max Use:  1
                          |  |      Loop:  0410
                    5      |  |      Repeat:  5
                          |  |      Purpose:  TO IDENTIFY A PARTY BY TYPE OF
                          |  |                ORGANIZATION, NAME, AND CODE.
                          |  |
                          |  |  Syntax Notes:  1.  A. LEAST ONE OF N102 OR N103 MUST BE
                          |  |                     PRESENT.
                          |  |                 2.  IF EITHER N103 OR N104 IS PRESENT, THEN
                          |  |                     THE OTHER IS REQUIRED.
                          |  |
                          |  |      Comments:  A.  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.
```

SIDE Notes:
A. USE IS REQUIRED WHEN S5 LOOP IS USED.
   CARRIES STOP-OFF CONSIGNEE DODAAC.
B. USE OF N101, 03 AND 04 ARE REQUIRED WHEN
   SEGMENT IS USED.

```
                --------------------------- Data Element Summary ---------------------------

                     Ref   Data
                     Des.  Element Name                                         Attributes
                     ----- ------- ---------------------------------------      ----------

        Mandatory    N1 01  98    ENTITY IDENTIFIER CODE                        M ID 02/02
                                  CODE IDENTIFYING AN ORGANIZATIONAL ENTITY OR A
                                  PHYSICAL LOCATION.

                                       CODE           DEFINITION
                                       CN   CONSIGNEE
```

QUALIFIER(S):
1. "CN" ENTERED BY THE TRANSLATOR WHEN THE
   0400 (S5) LOOP IS USED.

```
         Not Used |<|  N1 02  93    NAME                                        C AN 01/35
                                                                                   R0203

         Required |<|  N1 03  66    IDENTIFICATION CODE QUALIFIER               C ID 01/02
                                    CODE DESIGNATING THE SYSTEM/METHOD OF CODE STRUCTURE   P0304
                                    USED FOR IDENTIFICATION CODE (67).

                                         CODE           DEFINITION
                                         10 DEPARTMENT OF DEFENSE ACTIVITY ADDRESS CODE
                                            (DODAAC)
```

QUALIFIER(S):
1. "ID" ENTERED BY THE TRANSLATOR WHEN THE
   0400 (S5) LOOP IS USED.

```
         Required |<|  N1 04  67    IDENTIFICATION CODE                         C ID 02/17
                                    CODE IDENTIFYING A PARTY.                       P0304
                                    ALSO SEE: IDENTIFICATION CODE QUALIFIER (66).
```

SOURCE(S):
1. RP 60-65 OF THE T_9 THAT HAS DATA FROM
   RP 58-59 ENTERED IN DATA ELEMENT S501 OF
   THE 0400 (S5) LOOP THIS SEGMENT IS IN.

858   SHIPMENT INFORMATION
N1   NAME, Continued ...

2. RP 74-79 OF THE T_9 THAT HAS DATA FROM
    RP 72-73 ENTERED IN DATA ELEMENT S501 OF
    THE 0400 (S5) LOOP THIS SEGMENT IS IN.
NOTE(S):
A. SEE APPENDIX Q, NOTE A.

858   SHIPMENT INFORMATION
REF REFERENCE NUMBERS

```
                                    |  |    Segment:  REF - REFERENCE NUMBERS
                                    |  |     Level:
                        Optional    |  |   Req. Des.:  O
                            12      |  |    Max Use:  12
                                    |  |      Loop:  0410
                                    |  |    Purpose:  TO SPECIFY IDENTIFYING NUMBERS.
```

SIDE Notes:
A. REF IS USED IN THE 410 (S5) LOOP TO
   CONNECT MULTIPLE STOPS IN A SINGLE T_9
   RECORD AND TO CONTROL THE SEQUENCE OF
   T_9 STOP-OFF RECORDS, SINCE MILSTAMP
   ALLOWS UP TO TWO STOPS TO BE IDENTIFIED
   IN A SINGLE T_9 RECORD.

```
                                    ----------------------- Data Element Summary -----------------------

                                      Ref   Data
                                      Des.  Element Name                                            Attributes
                                      ----- ------- ------------------------------------------      ----------

                        Mandatory     REF01  128   REFERENCE NUMBER QUALIFIER                       M ID 02/02
                                                   CODE QUALIFYING THE REFERENCE NUMBER.

                                                       CODE        DEFINITION
                                                        CK CHECK NUMBER
QUALIFIER(S):
1. IF RP 54-57 OR RP 68-71 OF T_9
   CONTAINS "STOP."  TRANSLATOR ENTERS
   "CK."

                        Mandatory     REF02  127   REFERENCE NUMBER                                 M AN 01/40
SOURCE(S):                                         REFERENCE NUMBER OR IDENTIFICATION NUMBER AS DEFINED
1. RP 80 OF T_9 WITH "STOP" IN RP 54-57 OR         FOR A PARTICULAR TRANSACTION SET, OR AS SPECIFIED BY
   AN ALPHA CHARACTER IN RP 80.                    THE REFERENCE NUMBER QUALIFIER.*
NOTE(S):                                           ALSO SEE: REFERENCE NUMBER QUALIFIER (128).
A. TO CONFORM TO X12 STANDARDS THE LENGTH
   OF REF02 IS RESTRICTED TO 30 CHARACTERS.
B. SEE APPENDIX Q, NOTE A.
C. REF02 IS CONDITIONAL IN X12, VERSION 3.1.

                        Optional      REF03  352   DESCRIPTION                                      O AN 01/80
                                                   A FREE-FORM DESCRIPTION TO CLARIFY THE RELATED DATA
                                                   ELEMENTS AND THEIR CONTENT.
```

858   SHIPMENT INFORMATION
LX ASSIGNED NUMBER

```
                                      |  |    Segment:  LX   — ASSIGNED NUMBER
                                      |  |    Level:
                          Optional    |  |    Req. Des.:  O
                                 1    |  |    Max Use:  1
                                      |  |      Loop:  0500
                               999    |  |    Repeat:  999
                                      |  |    Purpose:  TO REFERENCE A NUMBER IN A
                                      |  |              TRANSACTION SET.
```

SIDE Notes:
A. A 500 (LX) LOOP IS USED FOR EACH T_0-9
   RECORD IN THE TCMD EXCEPT T_9s CARRYING
   STOP-OFF INFORMATION. ALL REQUIRED
   STOP-OFF INFORMATION IS CARRIED IN THE
   0400 (S5) LOOP.
B. LOOP 500 IS OPTIONAL, BUT IF USED, THIS
   SEGMENT IS MANDATORY FOR EACH OCCURRENCE
   OF THIS LOOP.

```
                                           ------------------------ Data Element Summary ------------------------

                                           Ref   Data
                                           Des.  Element Name                                        Attributes
                                           ----- ------- ----                                        ----------

                        Mandatory          LX 01  554    ASSIGNED NUMBER                             M NO 01/06
SOURCE(S):                                                NUMBER ASSIGNED FOR DIFFERENTIATION WITHIN A
1.  TRANSLATION PROGRAM WILL ASSIGN A NUMBER              TRANSACTION SET.
    FOR EACH ITERATION OF THE LX LOOP.
```

858 SHIPMENT INFORMATION
N7 EQUIPMENT DETAILS

Optional	Segment: **N7** – EQUIPMENT DETAILS
1	Level:
	Req. Des.: O
	Max Use: 1
	Loop: 0500
	Purpose: TO IDENTIFY THE EQUIPMENT.

Syntax Notes: 1. IF N703 IS PRESENT, THEN N704 IS REQUIRED.
2. IF EITHER N705 OR N716 IS PRESENT, THEN THE OTHER IS REQUIRED.
3. IF EITHER N708 OR N709 IS PRESENT, THEN THE OTHER IS REQUIRED.

Comments: A. N701 IS MANDATORY FOR RAIL TRANSACTIONS.
B. N720 AND N721 ARE EXPRESSED IN INCHES.

SIDE Notes:
A. COMMENTS DO NOT APPLY TO TCMD TRANSLATIONS.

---------------------- Data Element Summary ----------------------

Ref Des.	Data Element	Name	Attributes
Not Used < N7 01	206	EQUIPMENT INITIAL	C AN 01/04
Mandatory N7 02	207	EQUIPMENT NUMBER SEQUENCING OR SERIAL PART OF AN EQUIPMENT UNIT'S IDENTIFYING NUMBER (PURE NUMERIC FORM FOR EQUIPMENT NUMBER IS PREFERRED).*	M AN 01/10

SOURCE(S):
1. RP 4-8 OF T_0-2 EXCEPT WHEN RP 4 IS BLANK.
2. RP 56-63 OF T_9 WHEN "VN" IN RP 54-55.
NOTE(S):
A. TRAILER, VAN, RORO OR CONTAINER NUMBER AS EXPLAINED IN MILSTAMP APPENDIX F PARAGRAPH 3.D.
B. CONTENT OF RP 4-8 PERPETUATED IN ALL SUBORDINATE T_4-9 RECORDS.
C. MANDATORY BY X12 STANDARD. IF DATA FIELDS ARE BLANK IN T_0-3 OR T_9 AND OTHER DATA ELEMENTS IN N7 SEGMENT ARE USED TRANSLATOR SHOULD ENTER "NONE". TRANSLATION OF "NONE" SHOULD BE BLANK DATA FIELDS.
D. SEE APPENDIX Q, NOTE A.

Ref Des.	Data Element	Name	Attributes
Not Used < N7 03	81	WEIGHT	C R 01/08 C0304
Not Used < N7 04	187	WEIGHT QUALIFIER	C ID 01/02 C0304
Not Used < N7 05	167	TARE WEIGHT	C NO 03/08 P0516
Not Used < N7 06	232	WEIGHT ALLOWANCE	C NO 02/06
Not Used < N7 07	205	DUNNAGE	C NO 01/06

858   SHIPMENT INFORMATION
N7 EQUIPMENT DETAILS, Continued ...

| Optional | N7 08 | 183 | VOLUME | O R 01/08 |

VALUE OF VOLUMETRIC MEASURE.
ALSO SEE: VOLUME UNIT QUALIFIER (184)
           UNIT OF MEASUREMENT CODE (355)

P0809

SOURCE(S):
1. RP 64-67 OF T_2 EXCEPT WHEN RP 28-29
   CONTAINS "RT." (CUBIC CAPACITY LISTED
   ON THE VAN.)
NOTE(S):
A. SEE APPENDIX Q, NOTE C.

| Conditional | N7 09 | 184 | VOLUME UNIT QUALIFIER | C ID 01/01 |

CODE IDENTIFYING THE VOLUME UNIT.

P0809

CODE   DEFINITION
E   CUBIC FEET

QUALIFIER(S):
1. TRANSLATOR BASED ON PRESENCE OF T_2
   WITHOUT "RT" IN RP 28-29.

| Not Used < | N7 10 | 102 | OWNERSHIP CODE | O ID 01/01 |

| Not Used < | N7 11 | 40 | EQUIPMENT DESCRIPTION CODE | C ID 02/02 |

| Conditional | N7 12 | 307 | EQUIPMENT OWNER CODE | C ID 01/04 |

CODE USED BY SENDER OF TRANSACTION SET IDENTIFYING
EQUIPMENT OWNER. (THE SCAC IS USED TO INDICATE A
CARRIER OWNER.) (SEE ASC X12 STANDARDS CODE
SOURCE(S): 17.)

SOURCE(S):
1. RP 9-12 OF T_2 WHEN "RT" NOT IN
   RP 28-29 OR "V" IS IN RP 40.
2. RP 74-77 OF T_9 WHEN "VN" IN
   RP 54-55.
3. RP 77-80 OF T_8 IF RP2 IS NOT "P" UNLESS
   RP 77-80 OF T_8 IS BLANK (IF BLANK,
   LEAVE BLANK).
NOTE(S):
A. RP 9-12 OF T_2 IS SEAVAN OWNERSHIP CODE.
B. RP 74-77 OF T_9 IS TRANSPORTING OCEAN
   CARRIER FOR LOADED SEAVAN AND SEAVAN
   OWNER FOR EMPTY SEAVANS (T_0/1 PRIME
   RECORD.)
C. RP 77-80 OF T_8 IS CARRIER SCAC FOR HHG
   OR BAGGAGE WITH CODES "T", "J" OR "5".

| Optional | N7 13 | 319 | TEMPERATURE CONTROL | O AN 03/06 |

FREE-FORM ABBREVIATION OF TEMPERATURE RANGE OR
FLASH-POINT TEMPERATURE.

SOURCE(S):
1. RP 15-19 OF T_9 WITH "F" IN RP 15.
NOTE(S):
A. TEMPERATURE OF RANGE AT WHICH TO
   MAINTAIN CARGO.
B. SEE APPENDIX Q, NOTE A.

| Optional | N7 14 | 219 | POSITION | O AN 01/03 |

RELATIVE POSITION OF SHIPMENT IN CAR, TRAILER, OR
CONTAINER (MUTUALLY DEFINED).

SOURCE(S):
1. RP 57 OF T_2.

| Optional | N7 15 | 567 | EQUIPMENT LENGTH | O NO 04/05 |

LENGTH (IN FEET AND INCHES) OF EQUIPMENT ORDERED OR
USED TO TRANSPORT SHIPMENT. (THE FORMAT IS FFFII
WHERE FFF IS FEET AND II IS INCHES. THE RANGE FOR
II IS 00 THROUGH 11.)

SOURCE(S):
1. RP 13-14 OF T_2 WHEN "RT" IS NOT IN
   RP 28-29.
NOTE(S):
A. FOR TCMD CONVERSION INCHES WILL ALWAYS
   BE 00.
B. SEE APPENDIX Q, NOTE A.

---

858   SHIPMENT INFORMATION
N7   EQUIPMENT DETAILS, Continued ...

Not Used	<	N7 16 571	TARE QUALIFIER CODE	C ID 01/01 P0516
Not Used	<	N7 17 188	WEIGHT UNIT QUALIFIER	C ID 01/01
Not Used	<	N7 18 761	EQUIPMENT NUMBER CHECK DIGIT	O NO 01/01
Not Used	<	N7 19 56	TYPE OF SERVICE CODE	O ID 02/02
Not Used	<	N7 20 65	HEIGHT	O R 01/06
Not Used	<	N7 21 189	WIDTH	O R 01/08
Not Used	<	N7 22 24	CONTAINER SIZE/TYPE CODE	O ID 04/04

858   SHIPMENT INFORMATION
M7   SEAL NUMBERS

```
                                    Segment:  M7  — SEAL NUMBERS
                                    Level:
                        Optional    Req. Des.:  O
                           5        Max Use:  5
                                    Loop:  0500
                                    Purpose:  TO RECORD SEAL NUMBERS USED.

SIDE Notes:
A. "SN" IN RP 64-65 OF T_9 INDICATES
   RP 66-73 CONTAINS SEAL NUMBER.  WHEN
   CONVERTING AN EDI TRANSLATION TO 80
   RP FORMAT "SN" SHOULD BE ENTERED IN
   RP 64-65 OF T_9 WHEN DATA IN M701.

                                   --------------------------- Data Element Summary ---------------------------

                                    Ref   Data
                                    Des.  Element Name                                            Attributes
                                    ----- ------- -------------------------------------------     ----------

                        Mandatory   M7 01  225    SEAL NUMBER                                      M AN 02/15
SOURCE(S):                                        UNIQUE NUMBER ON SEAL USED TO CLOSE A SHIPMENT.
1. RP 66-73 OF T_9 WHEN "SN" IS IN RP 64-65
NOTE(S):
A. SEE APPENDIX O, NOTE A.

                        Not Used  <  M7 02  225    SEAL NUMBER                                     O AN 02/15

                        Not Used  <  M7 03  225    SEAL NUMBER                                     O AN 02/15

                        Not Used  <  M7 04  225    SEAL NUMBER                                     O AN 02/15
```

858   SHIPMENT INFORMATION
N5   EQUIPMENT ORDERED

```
                                      Segment: N5  - EQUIPMENT ORDERED
                                        Level:
                    Optional           Req. Des.: O
                           1             Max Use: 1
                                          Loop: 0500
                                       Purpose: TO SPECIFY CARRIER EQUIPMENT.

                                   Syntax Notes: 1.  IF EITHER N507 OR N508 IS PRESENT, THEN
                                                     THE OTHER IS REQUIRED.

                                       Comments: A.  N506 IS EXPRESSED IN INCHES.

                                   --------------------- Data Element Summary ---------------------

                                   Ref   Data
                                   Des.  Element Name                                        Attributes
                                   ----- ------- ------------------------------------------- ----------

                    Optional       N5 01  567   EQUIPMENT LENGTH                             O NO 04/05
SOURCE(S):                                       LENGTH (IN FEET AND INCHES) OF EQUIPMENT ORDERED OR
1.  RP 28-29 OF T_9 WHEN THE CONTENT IS          USED TO TRANSPORT SHIPMENT.  (THE FORMAT IS FFFII
    NUMERIC AND "VN" APPEARS IN RP 54-55.        WHERE FFF IS FEET AND II IS INCHES.  THE RANGE FOR
NOTE(S):                                         II IS 00 THROUGH 11.)
A.  FOR TCMD CONVERSION INCHES WILL ALWAYS
    BE 00.
B.  SEE APPENDIX Q, NOTE A.


                    Not Used  |<  N5 02  233   WEIGHT CAPACITY                              O NO 02/03


                    Not Used  |<  N5 03  203   CUBIC CAPACITY                               O NO 02/04


                    Not Used  |<  N5 04  196   MECHANICAL CAR CODE                          O ID 02/04


                    Not Used  |<  N5 05  216   METRIC QUALIFIER                             O ID 01/01


                    Not Used  |<  N5 06   65   HEIGHT                                       O R  01/06


                    Not Used  |<  N5 07  643   LADING PERCENTAGE                            C N2 02/04
                                                                                             P0708


                    Not Used  |<  N5 08  644   LADING PERCENT QUALIFIER                     C ID 01/01
                                                                                             P0708


                    Not Used  |<  N5 09   40   EQUIPMENT DESCRIPTION CODE                   O ID 02/02
```

858   SHIPMENT INFORMATION
REF REFERENCE NUMBERS

	Segment: **REF** — REFERENCE NUMBERS
	Level:
Optional	Req. Des.: O
5	Max Use: 5
	Loop: 0500
	Purpose: TO SPECIFY IDENTIFYING NUMBERS.

SIDE Notes:
A. REF SEGMENT IS USED TO CARRY THE POD,
   THE CONSOLIDATION CONTAINER NUMBER, THE
   NATIONAL STOCK NUMBER, TEXT FROM T_9
   RECORDS, T_9 SEQUENCE NUMBERS AND THE
   CONTENT OF RECORDS THAT CANNOT BE
   TRANSLATED.
B. DE128 QUALIFIERS ARE USED TO DISTINGUISH
   AMONG USES.
C. T_9 TEXT IS CARRIED IN REF03.
ENHANCEMENT(S):
1. WHEN THE TRANSLATOR IS UNABLE TO
   TRANSLATE A RECORD THE ENTIRE 80 COLUMN
   RECORD WILL BE ENTERED IN REF03 EXACTLY
   AS RECEIVED. THE QUALIFIER "FE" WILL BE
   USED TO INDICATE THIS IS AN UNTRANSLATED
   RECORD. THE UNTRANSLATED RECORD WILL BE
   INCLUDED WHEN THE 858 IS CONVERTED TO AN
   80 RP FORMAT.

-------------------------- Data Element Summary --------------------------

Ref Des.	Data Element	Name	Attributes
Mandatory REF01	128	REFERENCE NUMBER QUALIFIER	M ID 02/02
		CODE QUALIFYING THE REFERENCE NUMBER.	

```
CODE              DEFINITION
 CB COMBINED SHIPMENT
 CK CHECK NUMBER
 FE FAILURE MECHANISM NUMBER
 NS NATIONAL STOCK NUMBER
 TO TERMINAL OPERATOR NUMBER
```

QUALIFIER(S):
1. TRANSLATOR ENTERS "TO" WHEN DATA
   IN RP 24-26 T_0-4 IS CARRIED IN REF02.
2. TRANSLATOR ENTERS "CB" WHEN DATA IS FROM
   RP 4-8 OR 9-14 OF T_3 RECORD.
3. TRANSLATOR ENTERS "NS" WHEN DATA FROM
   RP 54-66 OF T_6 IS CARRIED IN REF02.
4. TRANSLATOR ENTERS "CK" WHEN DATA FROM
   RP 80 OF T_9 IS CARRIED IN REF02.
ENHANCEMENT(S):
1. TRANSLATOR ENTERS "FE" WHEN THE RECORD
   CANNOT BE TRANSLATED AND THE ENTIRE 80
   COLUMN RECORD IS CARRIED IN REF03.
2. CODE "FE" INDICATES 80 COLUMN RECORD
   COULD NOT BE TRANSLATED.
NOTE(S):
A. CODE "TO" EQUATES TO "POD".
B. CODE "CB" EQUATES TO NUMBER MARKED ON A
   CONSOLIDATION CONTAINER.
C. CODE "CK" EQUATES TO T_9 SEQUENCE NUMBER

**858   SHIPMENT INFORMATION
REF REFERENCE NUMBERS, Continued ...**

| | REF02 127 | REFERENCE NUMBER | M AN 01/40 |

Mandatory

SOURCE(S):
1. RP 24-26 OF T_0-4.
2. RP 4-8 OF T_3 WHEN RP 4-8 DOES NOT MATCH RP 4-8 OF A RELATED T_2.
3. RP 9-14 OF T_3 WHEN RP 4-8 MATCHES RP 4-8 OF A RELATED T_2 OR RP 28 CONTAINS "A", "Y", OR "Z".
4. RP 55-66 OF T_6.
5. RP 80 OF T_9 WHEN CHARACTER IS NUMERIC.
NOTE(S):
A. TO CONFORM TO X12 STANDARDS THE LENGTH OF REF02 IS RESTRICTED TO 30 CHARACTERS.
B. SEE APPENDIX Q, NOTE A.
C. REF02 IS CONDITIONAL IN X12, VERSION 3.1.

REFERENCE NUMBER OR IDENTIFICATION NUMBER AS DEFINED FOR A PARTICULAR TRANSACTION SET, OR AS SPECIFIED BY THE REFERENCE NUMBER QUALIFIER.*
ALSO SEE: REFERENCE NUMBER QUALIFIER (128).

Optional

SOURCE(S):
1. RP 54-79 OF T_9 WHEN RP 54-55 DOES NOT CONTAIN "VN" OR RP 54-59 DOES NOT CONTAIN "STOP" OR RP 2 DOES NOT CONTAIN "E" OR "J".
ENHANCEMENT(S): (NOT USED).
1. RP 1-80 OF T_0-9 WHEN TRANSLATION FROM THE 80 RP FORMAT CANNOT BE ACCOMPLISHED.

REF03 352   DESCRIPTION   O AN 01/80
A FREE-FORM DESCRIPTION TO CLARIFY THE RELATED DATA ELEMENTS AND THEIR CONTENT.

858   SHIPMENT INFORMATION
N9 REFERENCE NUMBER

Optional	Segment: **N9** — REFERENCE NUMBER
10	Level:
	Req. Des.: O
	Max Use: 10
	Loop: 0500
	Purpose: TO TRANSMIT IDENTIFYING NUMBERS AND DESCRIPTIVE INFORMATION AS SPECIFIED BY THE REFERENCE NUMBER QUALIFIER.

Syntax Notes: 1. AT LEAST ONE OF N902 OR N903 MUST BE PRESENT.

SIDE Notes:
A. THE N9 HAS MULTIPLE USES. PURPOSE IS DETERMINED BY CODE IN N901. THE CODE PLACED IN N901 IS SELECTED BY THE TRANSLATOR, BASED ON THE POSITION OF THE TRANSLATED DATA IN THE RECORD AND OTHER UNIQUE CHARACTERISTICS OF THE RECORD. FOR BREVITY, CERTAIN MILSTAMP DATA IS PAIRED IN THE N9 SEGMENT AS INDICATED IN N904 AND N905 DATA ELEMENT NOTES.

--------------------------- Data Element Summary ---------------------------

Ref Des.	Data Element	Name	Attributes
Mandatory N9 01	128	REFERENCE NUMBER QUALIFIER CODE QUALIFYING THE REFERENCE NUMBER.	M ID 02/02

```
                         CODE          DEFINITION
                          AV AIR DIMENSION CODE*
                          BA BEAM ASSEMBLY*
                          CR CUSTOMER REFERENCE NUMBER
                          DD DOCUMENT IDENTIFICATION CODE
                          FF FEDERAL SUPPLY CODE*
                          GP GOVERNMENT PRIORITY NUMBER
                          LT LOT NUMBER
                          LV LICENSE PLATE NUMBER*
                          SE SERIAL NUMBER
                          SF SHIP FROM
                          TG TRANSPORTATION CONTROL NUMBER (TCN)
                          TH TRANSPORTATION ACCOUNT CODE (TAC)
                          XC CARGO CONTROL NUMBER
                          Z8 ULTIMATE CONSIGNEE
                          ZZ MUTUALLY DEFINED
```

QUALIFIER(S):
IF DATA IN N902 IS FROM:
1. RP 1-3 T_0-9 (EXCEPT T_9 WITH "STOP" IN RP 54-59), TRANSLATOR ENTERS "DD".
2. RP 5-8 OF T-0/1, TC1 AND RP 4 IS BLANK AND RP 20 CONTAINS DATA, TRANSLATOR ENTERS "FF".
3. RP 9-14 OF T_0/1, TC1, OR T_2 WITH "RT" IN RP 28-29, OR IF RP 4-8 OF T_3-4 TRANSLATOR ENTERS "SF".
4. RP 20 OF T_0/1, TC1 OR T_2 WITH "RT" IN RP 28-29 OR T_3-4, TRANSLATOR ENTERS "AV".
5. RP 30-46 OF T_0-4, TRANSLATOR ENTERS "TG".

858   SHIPMENT INFORMATION
N9 REFERENCE NUMBER, Continued ...

6. RP 47-52 OF T_0-4 TRANSLATOR ENTERS
    "ZB".
7. RP 53 OF T_0-4, TRANSLATOR ENTERS "GP".
    IF RP 53 BLANK, LEAVE BLANK.
8. RP 57-59 T_0/1, T_3-4, TRANSLATOR
    ENTERS "XC".
9. RP 64-67 OF T_0/1, TC1, T-4, TRANSLATOR
    ENTERS "TH".
10. RP 68-80 OF TV5, TRANSLATOR ENTERS "SE"
11. RP 54-68 OF T_8, TRANSLATOR ENTERS "CR"
12. RP 71-77 OF TP8, TRANSLATOR ENTERS "LV"
13. RP 78-79 OF T_9 WITH "VN" IN RP 54-55,
    TRANSLATOR ENTERS "BA".
14. RP 9-14 OF T_9 WITH "VN" IN RP 54-55
    AND "X" IN RP 9 USE "ZZ".
15. RP 54-67 OF T_7 TRANSLATOR ENTERS "LT".
NOTE(S):
A. THE FOLLOWING TABLE PROVIDES A CROSS
    REFERENCE OF TERMS FROM X12 CODES TO
    TO MILSTAMP.

X12	MILSTAMP
DD	DIC
TG	TCN
SE	VEHICLE SERIAL NUMBER FOR SINGLE GOVERMENT VEHICLE SHIPMENT UNITS
GP	TRANSPORTATION PRIORITY
LV	ISSUING STATE AND LAST 5 DIGITS OF POV LICENSE.
TH	TAC
ZB	T_0-9 CONSIGNEE DODAAC TC1 CTS AND APOD CODES
SF	T_0/1, T_4 CONSIGNOR DODAAC T_2-3 LOAD ACTIVITY DODAAC TC1 CTS AND APOE CODES
XC	PROJECT CODE
CR	PERSONAL PROPERTY OWNERS NAME
ZZ	ZIP CODE FOR VAN ORIGIN

Conditional

SOURCE(S):
1. RP 1-3 T_0-9 (EXCEPT T_9 WITH STOP IN
    RP 54-59).
2. RP 5-8 OF T_0/1, TC1 IF RP 4 IS BLANK
    AND RP 20 CONTAINS DATA.
3. RP 9-14 OF T_0/1, TC1 OR T_2 WITH
    "RT" IN RP 28-29; OR T_3-4 WHEN RP 4-8
    DOES NOT MATCH RP 4-8 OF A T_2.
4. RP 20 OF T_3-4 OR T_0/1, TC1 OR T2 WITH
    "RT" IN RP 28-29.
5. RP 30-46 OF T_0-4.
6. RP 47-52 OF T_0-4.
7. RP 53 OF T_0-4.
8. RP 57-59 OF T_0/1, T_3-4.
9. RP 64-67 OF T_0/1, TC1, T_4.
10. RP 68-80 OF TV5.
11. RP 54-68 OF T_8.
12. RP 71-77 OF TP8.
13. RP 78-79 OF T_9 WITH "VN" IN RP 54-55.
14. RP 9-14 OF T_9 WITH "VN" IN RP 54-55
    AND "X" IN RP 19.
NOTE(S):
A. A ZERO OR TWELVE ZONE OVERPUNCH ARE
    USED IN RP 53 TO INDICATE TCMD
    DELETIONS AND CORRECTIONS. WHEN THIS
    OCCURS DATA ELEMENT BX01 IS USED TO

N9 02 127   REFERENCE NUMBER   C AN 01/40
               REFERENCE NUMBER OR IDENTIFICATION NUMBER AS DEFINED   R0203
               FOR A PARTICULAR TRANSACTION SET, OR AS SPECIFIED BY
               THE REFERENCE NUMBER QUALIFIER.*
               ALSO SEE: REFERENCE NUMBER QUALIFIER (128).

858   SHIPMENT INFORMATION
N9   REFERENCE NUMBER, Continued ...

INDICATE THE TCMD IS A DELETION OR
CORRECTION AND THE ORIGINAL PRIORITY
IS CARRIED IN DATA ELEMENT N902.
OVERPUNCH ENTRIES WILL BE CONVERTED TO
TRANSPORTATION PRIORITIES IN ACCORDANCE
WITH THE FOLLOWING CHART:

ZERO ZONE	TWELVE ZONE	TRANSPORTATION PRIORITY
\	A	1
S	B	2
T	C	3
U	D	4

B. TO CONFORM TO X12 STANDARDS THE LENGTH
    OF N902 IS RESTRICTED TO 30 CHARACTERS.
C. SEE APPENDIX Q, NOTE A.

Conditional

SOURCE(S):
1. RP 69-70 OF T_8 OTHER THAN TP8 (PROPERTY
    OWNER'S GRADE).
2. RP 78-80 OF TP8 (VEHICLE COLOR)
NOTE(S):
A. PLACE PROPERTY OWNER'S GRADE IN SAME N9
    SEGMENT WITH "CR" IN N901.
B. PLACE VEHICLE COLOR IN SAME N9 SEGMENT
    WITH "LV" IN N901.

N9 03 369 FREE-FORM DESCRIPTION   C AN 01/45
            FREE-FORM DESCRIPTIVE TEXT.   R0203

Optional

SOURCE(S):
TRANSLATOR FROM DATA IN:
1. RP 54-56 OF T_0/1-4 (EXCEPT FOR TC1)
    (RDD).
2. RP 60-62 OF T_0-4 (DATE MOVED TO POE).
3. RP 63 OF T_0-4 (ETA AT POE).
NOTE(S):
A. RDD WILL BE PLACED IN N9 SEGMENT WITH
    "GP" IN N901.
B. DATE MOVED TO POE WILL BE PLACED IN
    N9 SEGMENT WITH "TG' IN N901.
C. ETA AT POE WILL BE PLACED IN N9
    SEGMENT WITH "ZB" IN N901.
D. MILSTAMP TO X12 DATE FORMAT CONVERSION
    MUST BE ACCOMPLISHED THROUGH A
    TRANSLATION TABLE. SEE APPENDIX "R" OF
    THESE CONVENTIONS FOR CONVERSION RULES.
E. SEE APPENDIX Q, NOTE C.

N9 04 373 DATE   O DT 06/06
            DATE (YYMMDD).

Optional

SOURCE(S):
1. FROM DATA IN RP 60 OF T_0-4 WHEN RP 20
    IS USED. (HOUR SHIPPED RECEIVED).
NOTE(S):
A. HOUR SHIPPED RECEIVED WILL BE PLACED IN
    N9 SEGMENT WITH "TG" IN N901.
B. MILSTAMP TO X12 TIME FORMAT CONVERSION
    MUST BE ACCOMPLISHED THROUGH A
    TRANSLATION TABLE. SEE APPENDIX "R" OF
    THESE CONVENTIONS FOR CONVERSION RULES.
C. SEE APPENDIX Q, NOTE C.

N9 05 337 TIME   O TM 04/04
            TIME EXPRESSED IN 24-HOUR CLOCK TIME (HHMM, TIME
            RANGE: 0000 THOUGH 2359).

858   SHIPMENT INFORMATION
L5 DESCRIPTION, MARKS AND NUMBERS

```
                                    Segment:  L5   - DESCRIPTION, MARKS AND NUMBERS
                                    Level:
                  Optional          Req. Des.:  O
                  10                Max Use:  10
                                    Loop:  0500
                                    Purpose:  TO SPECIFY THE LINE ITEM IN TERMS
                                              OF DESCRIPTION, QUANTITY, PACKAGING, AND
                                              MARKS AND NUMBERS.

                                    Syntax Notes:  1.  IF EITHER L503 OR L504 IS PRESENT THEN
                                                       THE OTHER IS REQUIRED.

                                    Comments:  A.  L503 AND L504 ARE "PAIRED" DATA ELEMENTS.
                                                   IF ONE IS USED, BOTH MUST BE USED EXCEPT
                                                   FOR RAIL TRANSACTION SETS WHERE STCC IS
                                                   UNDERSTOOD.
SIDE Notes:
A.  COMMENT "A" IS NOT IN X12, VERSION 3.1.
```

------------------------------ Data Element Summary ------------------------

```
                                    Ref    Data
                                    Des.   Element Name                                    Attributes
                                    -----  ------- ------------------------------------    ----------

                  Optional          L5 01   213    LADING LINE ITEM NUMBER                 O NO 01/03
SOURCE(S):                                         SEQUENTIAL LINE NUMBER FOR A LADING ITEM.
1.  TRANSLATION PROGRAM.
NOTE(S):
A.  LINE NUMBER IS THE SAME AS IN RELATED
    LX01.

                  Conditional       L5 02   79     LADING DESCRIPTION                      C AN 01/50
SOURCE(S):                                         DESCRIPTION OF AN ITEM AS REQUIRED FOR RATING AND
1.  RP 9-19 OF T_5 WHEN RP 9-14 IS NOT             BILLING PURPOSES.
    BLANK (NOMENCLATURE AND PCS OF BII)
2.  RP 9-14 OF TP8 (POV, YR, AND MAKE).
3.  RP 58-59 OF T_2 (NUMBER OF SHIPMENT
    UNITS).
NOTE(S):
A.  NUMBER OF SHIPMENT UNITS IS CARRIED
    IN SAME L5 SEGMENT AS OTHER T_2 DATA.
B.  SEE APPENDIX Q, NOTE A.

                  Recommended  <|   L5 03   22     COMMODITY CODE                          C ID 01/16
SOURCE(S):                                         CODE DESCRIBING A COMMODITY OR GROUP OF COMMODITIES.    P0304
1.  RP 15-19 OF T_0-4 (COMMODITY CODE).
2.  RP 16-19 OF T_6 WHEN RP 20 CONTAINS DATA
    (LOADING AND STORAGE GROUP DESIGNATION
    AND COMMODITY/SPECIAL HANDLING CODE).

                  Conditional       L5 04   23     COMMODITY CODE QUALIFIER                C ID 01/01
                                                   CODE IDENTIFYING THE COMMODITY CODING SYSTEM USED      P0304
                                                   FOR COMMODITY CODE.

                                                       CODE            DEFINITION
                                                        I  MILSTAMP AITC OR WATER COMMODITY CODE
```

858   SHIPMENT INFORMATION
L5 DESCRIPTION, MARKS AND NUMBERS, Continued ...

QUALIFIER(S):
1. TRANSLATOR ENTERS "I" IF DATA IS CARRIED
   IN L503.

Recommended |<| L5 05 103   PACKAGING CODE   O ID 05/05
                                 CODE IDENTIFYING THE TYPE OF PACKAGING. PART 1.
                                 PACKAGING FORM. PART 2. PACKAGING MATERIAL.

                                 CODE   DEFINITION
                                  01 ALUMINUM
                                  04 AS SPECIFIED BY THE DOT
                                  07 BURLAP
                                  13 CLOTH
                                  34 FIBRE (PAPERBOARD)
                                  58 METAL
                                  70 MULTIPLE-WALL PAPER (3 OR MORE WALLS)
                                  71 NOT OTHERWISE SPECIFIED
                                  74 OTHER THAN METAL OR PLASTIC TUBES, OR GLASS
                                  76 PAPER
                                  79 PLASTIC
                                  89 SPECIAL
                                  90 STANDARD
                                  94 WOOD
                                  BAG BAG
                                  BAL BALE
                                  BBL BARREL
                                  BDL BUNDLE
                                  BOX BOX
                                  BSK BASKET OR HAMPER
                                  CAB CABINET
                                  CAN CAN
                                  CAS CASE
                                  CBY CARBOY
                                  CNT CONTAINER
                                  COL COIL
                                  CRD CRADLE
                                  CRT CRATE
                                  CYL CYLINDER
                                  DRM DRUM
                                  KEG KEG
                                  LSE LOOSE
                                  PAL PAIL
                                  PCK PACKED - NOT OTHERWISE SPECIFIED
                                  PCS PIECES
                                  PLT PALLET
                                  REL REEL
                                  ROL ROLL
                                  SAK SACK
                                  SHT SHEET*
                                  SKD SKID
                                  SPL SPOOL
                                  TBE TUBE
                                  TUB TUB
                                  UNT UNIT
                                  VEH VEHICLES
                                  WHE ON OWN WHEEL
                                  WRP WRAPPED

SOURCE(S):
1. RP 28-29 OF DIC T_0-4 UNLESS RP 28
   CONTAINS "X," "A," "Y" OR "Z." (TYPE
   PACK).
NOTE(S):
A. THE X12 PACKAGING CODE CONSISTS OF
   5 CHARACTERS COMPOSED OF 2 PARTS.
   A THREE-POSITION ALPHA CODE (PART I)

858 SHIPMENT INFORMATION
L5 DESCRIPTION, MARKS AND NUMBERS, Continued ...

FOR PACKAGING FORM. A TWO-POSITION
NUMERIC CODE (PART II) FOR PACKAGING
MATERIEL.
B. TRANSLATOR WILL CONVERT THE DEFENSE
LOGISTICS CODES TO X12 CODES IN
ACCORDANCE WITH THE FOLLOWING TABLE.

X12		MILSTAMP	
BDL	71	BD	BUNDLE
BAL	71	BE	BALE
BAG	07	BG	BAG, BURLAP OR CLOTH
BBL	71	BL	BARREL
BSK	74	BS	BASKET
BOX	71	BX	BOX
CAB	71	CA	CABINET
CBY	71	CB	CARBOY
CNT	94	CC	MHG CONTAINERS, WOOD (FED SPEC)
COL	71	CL	COIL
CNT	01	CM	CONTAINER, MAC-ISO
CAN	71	CN	CAN
CNT	71	CO	CONTAINER, OTHER THAN CC, CM, CU, CW, MW, OR MX
CRT	71	CR	CRATE
CAS	71	CS	CASE
CAS	34	CT	CARTON
CNT	58	CU	CONTAINER, NAVY
CNT	90	CW	CONTAINER, COMMERCIAL HIGHWAY LIFT
CYL	71	CY	CYLINDER
BAG	13	DB	DUFFELBAG
DRM	71	DR	DRUM
CNT	89	EC	ENGINE CONTAINER
CRD	71	ED	ENGINE CRADLER OR DOLLY
BOX	94	FK	FOOTLOCKER
BSK	71	HA	HAMPER
KEG	71	KE	KEG
LSE	71	LS	LOOSE, NOT PACKAGED
CNT	70	MW	MULTIWALL CONTAINER
PCK	71	MX	MIXED (MORE THAN ONE TYPE OF CONTAINER)
PCS	71	PC	PIECE
PAL	71	PL	PAIL
PLT	71	PT	PALLETIZED OTHER THAN MW
REL	71	RL	REEL
ROL	71	RO	ROLL
WHE	71	RT	RORO
SAK	76	SA	SACK, PAPER
SKD	71	SB	SKID, BOX
SKD	90	SD	SKID
SHT	71	SH	SHEET
SPL	71	SL	SPOOL
CAS	89	SW	SUITCASE
TUB	71	TB	TUB
VEH	71	TK	TRUCK
TBE	71	TU	TUBE
UNT	71	UX	UNITIZED (USE RT IF ON RORO)
VEH	89	VC	VAN CHASSIS
VEH	90	VE	VEHICLE
VEH	04	VO	VEHICLE IN OPERATING CONDITION
CNT	79	VS	SEAVAN-TOTE
WRP	71	WR	WRAPPED

Optional

SOURCE(S):
1. RP 63 OF T_3-4 WHEN RP 4-8 MATCHES

L5 06 87 MARKS AND NUMBERS
MARKS AND NUMBERS USED TO IDENTIFY A SHIPMENT OR
PARTS OF A SHIPMENT.

O AN 01/45

858   SHIPMENT INFORMATION
L5 DESCRIPTION, MARKS AND NUMBERS, Continued ...

RP 4-8 OF RELATED T_2 (DELIVERY CODE).
NOTE(S):
A. SEE APPENDIX Q, NOTE A.

Optional	L5 07	88	MARKS AND NUMBERS QUALIFIER CODE SPECIFYING THE APPLICATION OR SOURCE OF MARKS AND NUMBERS (87).	O ID 01/02

858   SHIPMENT INFORMATION
LO   LINE ITEM - QUANTITY AND WEIGHT

```
                                    Segment:  LO   - LINE ITEM - QUANTITY AND WEIGHT
                                    Level:
                        Optional   Req. Des.:  O
                           1        Max Use:  1
                                    Loop:     0510
                           10       Repeat:   10
                                    Purpose:  TO SPECIFY QUANTITY, WEIGHT AND
                                              VOLUME FOR A LINE ITEM INCLUDING APPLICABLE
                                              "QUANTITY/RATED-AS" DATA.

                                    Syntax Notes:  1.  IF EITHER LO02 OR LO03 IS PRESENT, THEN
                                                       THE OTHER IS REQUIRED.
                                                   2.  IF ANY OF LO04, LO05 OR LO11 IS PRESENT,
                                                       THE OTHERS ARE REQUIRED.
                                                   3.  IF EITHER LO06 OR LO07 IS PRESENT, THEN
                                                       THE OTHER IS REQUIRED.
                                                   4.  IF EITHER LO08 OR LO09 IS PRESENT, THE
                                                       OTHER IS REQUIRED.

                                    Comments:  A.  RELATED L5, LO, L1 AND L7 SEGMENTS
                                                   HAVE THE SAME SEQUENCE NUMBER IN THE
                                                   FIRST DATA ELEMENT (LINE NUMBER).

SIDE Notes:
A.  COMMENT "A" IS NOT IN X12, VERSION 3.1.
```

```
------------------------------ Data Element Summary ------------------------------

                   Ref   Data
                   Des.  Element Name                                          Attributes
                   ----- ------- --------------------------------------------  ----------

        Optional   LO 01  213    LADING LINE ITEM NUMBER                       O NO 01/03
                                 SEQUENTIAL LINE NUMBER FOR A LADING ITEM.
```

SOURCE(S):
1. TRANSLATOR ENTERS LO LOOP IDENTIFICATION
    NUMBER.
NOTE(S):
A. RELATED LX AND LO SEGMENT HAVE THE SAME
    SEQUENCE NUMBER.

```
       Conditional  LO 02  220   BILLED/RATED-AS QUANTITY                      C R  01/11
                                 BASIS FOR RATING (MILES, VALUE, VOLUME, ETC.). NOTE:   P0203
                                 WEIGHT MAY BE DEFINED BY EITHER DATA ELEMENT 220 OR
                                 81.
```

SOURCE(S):
1. RP 28-29 OF T_2 WITH "A", "Y", OR "Z"
    IN RP 28 (TYPE PACK).
2. RP 28-29 OF T_3 WITH "X" IN RP 28
    (TYPE PACK).
NOTE(S):
A. WHEN "X" IN RP 28 OF T_3, IT IS NOT TYPE
    PACK CODE DATA. IT IS CONEX
    IDENTIFICATION NUMBER. SEE MILSTAMP
    APPENDIX F, PARAGRAPH 10C.
B. WHEN "A", "Y", OR "Z" IS IN RP 28 OF
    T_3 DATA, IT IS NOT TYPE PACK CODE. IT
    IS TYPE CONTAINER AND LOAD DATA. SEE
    MILSTAMP APPENDIX F, PARAGRAPH 10D.
C. FOR THE TCMD APPLICATION THIS DATA IS
    NOT USED FOR BILLING PURPOSES.
D. SEE APPENDIX Q, NOTE A.

```
       Conditional  LO 03  221   BILLED/RATED-AS QUANTITY QUALIFIER            C ID 02/02
                                 CODE IDENTIFYING THE TYPE OF QUANTITY OR VALUE ON  P0203
                                 WHICH THE RATE OR ITEM PRICING IS BASED.

                                        CODE          DEFINITION
```

858 SHIPMENT INFORMATION
LO LINE ITEM - QUANTITY AND WEIGHT, Continued ...

			NR CONTAINER VA ACTUAL VOLUME	

QUALIFIER(S):
1. TRANSLATOR ENTERS "NR" IF DATA IN
   LOO2 IS FROM RP 28-29 OF T_3.
2. TRANSLATOR ENTERS "VA" IF DATA IN
   LOO2 IS FROM RP 28-29 OF T_2.

Recommended < LO 04 81 WEIGHT — C R 01/08 P040511
NUMERIC VALUE OF WEIGHT.*

SOURCE(S):
1. RP 72-76 OF T_0-5 & 7.
2. RP 72-76 OF T_8 WITH "B", "F", OR "N"
   IN RP2.
NOTE(S):
A. SEE APPENDIX "S" OF THESE CONVENTIONS
   FOR RULES TO CONVERT ENTRIES THAT EXCEED
   THE AVAILABLE MILSTAMP DATA FIELDS OR
   CONTAIN SYMBOLS OR ALPHA CODES.
B. SEE APPENDIX Q, NOTE C.

Recommended < LO 05 187 WEIGHT QUALIFIER — C ID 01/02 P040511
CODE DEFINING THE TYPE OF WEIGHT.

CODE   DEFINITION
A3 SHIPPERS WEIGHT

QUALIFIER(S):
1. TRANSLATOR ENTERS "A3" IF DATA IS
   CARRIED IN LOO4.

Conditional LO 06 183 VOLUME — C R 01/08 P0607
VALUE OF VOLUMETRIC MEASURE.
ALSO SEE: VOLUME UNIT QUALIFIER (184)
          UNIT OF MEASUREMENT CODE (355)

SOURCE(S):
1. RP 77-80 OF T_0-5 & 7.
NOTE(S):
A. SEE APPENDIX "S" OF THESE CONVENTIONS
   FOR RULES TO CONVERT ENTRIES THAT EXCEED
   THE AVAILABLE MILSTAMP DATA FIELDS OR
   CONTAIN SYMBOLS OR ALPHA CODES.
B. SEE APPENDIX Q, NOTE C.

Conditional LO 07 184 VOLUME UNIT QUALIFIER — C ID 01/01 P0607
CODE IDENTIFYING THE VOLUME UNIT.

CODE   DEFINITION
E   CUBIC FEET

QUALIFIER(S):
1. TRANSLATOR ENTERS "E" WHEN DATA IS
   CARRIED IN LOO6.

Recommended < LO 08 80 LADING QUANTITY — C NO 01/07 P0809
NUMBER OF UNITS (PIECES) OF THE LADING COMMODITY.
ALSO SEE UNIT OF MEASUREMENT CODE "355".

SOURCE(S):
1. RP 68-71 OF T_0-5.
NOTE(S):
A. SEE APPENDIX "S" OF THESE CONVENTIONS
   THE RULES TO CONVERT ENTRIES THAT EXCEED
   THE AVAILABLE MILSTAMP DATA FIELDS OR
   CONTAIN SYMBOLS OR ALPHA CODES.
B. "EEEE" MAY APPEAR IN RP 68-71 IF WEIGHT
   AND CUBE ARE ESTIMATES. "EEEE" IS TO BE
   TRANSLATED AS "0" FOR TRANSMISSION IN
   EDI. A VALUE OF "0" IN LOO8 WILL BE
   TRANSLATED AS "EEEE".

858   SHIPMENT INFORMATION
LO   LINE ITEM - QUANTITY AND WEIGHT, Continued ...

C. SEE APPENDIX Q, NOTE C.

Conditional	LO 09	211	LADING QUANTITY QUALIFIER	C ID 03/03
QUALIFIER(S):			CODE FOR THE PACKAGING FORM OF THE LADING QUANTITY.	P0809
1. TRANSLATOR ENTERS "PCS" IF DATA IS			USE CODES FROM PART 1 OF DATA ELEMENT 103.	
CARRIED IN LOO8.				

Not Used < LO 10 458   DUNNAGE DESCRIPTION   O AN 02/25

Conditional   LO 11 188   WEIGHT UNIT QUALIFIER   C ID 01/01
                           CODE SPECIFYING THE WEIGHT UNIT.   P040511

                                    CODE   DEFINITION
                                     L   POUNDS

QUALIFIER(S):
1. TRANSLATOR ENTERS "L" IF DATA IS CARRIED
    IN LOO4.

858 SHIPMENT INFORMATION
MEA MEASUREMENTS

```
                              Segment:  MEA - MEASUREMENTS
                               Level:
         Optional          Req. Des.:  O
             10             Max Use:   10
                               Loop:   0510
                            Purpose:


                        Syntax Notes:  1.  EITHER MEA03 OR MEA05 OR MEA06 OR MEA08
                                           IS REQUIRED.
                                       2.  IF EITHER MEA03, MEA05, OR MEA06 IS
                                           USED, MEA04 IS REQUIRED.
                                       3.  IF MEA07 IS USED MEA03 IS REQUIRED.
                                       4.  EITHER MEA08 OR MEA03 MAY BE USED, BUT
                                           NOT BOTH.

                           Comments:   A.  WHEN CITING DIMENSIONAL TOLERANCES, ANY
                                           MEASUREMENT REQUIRING A SIGN (+ OR -),
                                           OR ANY MEASUREMENT WHERE A POSITIVE (+)
                                           VALUE CANNOT BE ASSUMED, USE MEA05 AS
                                           THE NEGATIVE (-) VALUE AND MEA06 AS THE
                                           POSITIVE (+) VALUE.
SIDE Notes:
A.  COMMENT DOES NOT APPLY TO TCMD
    TRANSLATION.
```

```
--------------------------- Data Element Summary ---------------------------

            Ref   Data
            Des.  Element Name                                        Attributes
            ----- ------- -----------------------------------------   ----------

Not Used  < MEA01  737   MEASUREMENT REFERENCE ID CODE                 O ID 02/02


Optional    MEA02  738   MEASUREMENT QUALIFIER                         O ID 01/03
                         CODE IDENTIFYING THE TYPE OF MEASUREMENT.

                            CODE              DEFINITION
                            HT   HEIGHT
                            LN   LENGTH
                            WD   WIDTH
```

QUALIFIER(S):
1. TRANSLATOR ENTERS "LN" IF MEA03 CARRIES
    DATA FROM T_5, RP 54-59.
2. TRANSLATOR ENTERS "WD" IF MEA03 CARRIES
    DATA FROM T_5, RP 60-63.
3. TRANSLATOR ENTERS "HT" IF MEA03 CARRIES
    DATA FROM T_5, RP 64-67.

```
Conditional   MEA03  739   MEASUREMENT VALUE                          C R  01/10
                           THE VALUE OF THE MEASUREMENT.                R03050608
```

SOURCE(S):
1. T_5, RP 54-59 (LENGTH)
2. T_5, RP 60-63 (WIDTH)
3. T_5, RP 64-67 (HEIGHT)
NOTE(S):
A. SEE APPENDIX Q, NOTE A.

```
Conditional   MEA04  355   UNIT OF MEASUREMENT CODE                   C ID 02/02
                           CODE IDENTIFYING THE BASIC UNIT OF MEASUREMENT.  L04030506
```

858   SHIPMENT INFORMATION
MEA MEASUREMENTS, Continued ...

			CODE DEFINITION	
			LI LINEAR INCH	

SOURCE(S):
1. TRANSLATOR ENTERS "LI".

Not Used	<	MEA05	740	RANGE MINIMUM	C R 01/10 R03050608
Not Used	<	MEA06	741	RANGE MAXIMUM	C R 01/10 R03050608
Not Used	<	MEA07	935	MEASUREMENT SIGNIFICANCE CODE	O ID 02/02 C0307
Not Used	<	MEA08	936	MEASUREMENT ATTRIBUTE CODE	C ID 02/02 E0803
Not Used	<	MEA09	752	SURFACE/LAYER/POSITION CODE	O ID 02/02

858 SHIPMENT INFORMATION
LH1 HAZARDOUS IDENTIFICATION INFORMATION

	Segment: **LH1** — HAZARDOUS IDENTIFICATION INFORMATION
	Level:
Optional	Req. Des.: O
1	Max Use: 1
	Loop: 0520
100	Repeat: 100
	Purpose: TO SPECIFY THE HAZARDOUS COMMODITY IDENTIFICATION REFERENCE NUMBER AND QUANTITY.

Comments: A. LH010 AND LH102 ARE USED TO CONVEY THE NON-BULK MOVEMENTS.PACKAGES FOR BULK AND

B. LH106 AND LH107 ARE USED TO CONVEY THE QUANTITY OR VOLUME AND UNIT OF MEASURE FOR NON-BULK SHIPMENTS ONLY.

C. LH109 VALUE OF "R" REQUIRES THAT THE RECEIVER GENERATE THE WORDS "RESIDUE: LAST CONTAINED" PRIOR TO THE SHIPPING NAME IN ACCORDANCE WITH REGULATIONS AND THE WORDS " RESIDUE" FOLLOWING ALL PLACARDS ASSOCIATED WITH THIS DESCRIPTION.

SIDE Notes:
A. LH1 (520) LOOP IS OPTIONAL BUT, IF USED, SEGMENT LH1 IS MANDATORY.

---------------------------- Data Element Summary ----------------------------

Ref Des.	Data Element	Name	Attributes
Mandatory			
LH101	355	UNIT OF MEASUREMENT CODE	M ID 02/02
		CODE IDENTIFYING THE BASIC UNIT OF MEASUREMENT.	

CODE   DEFINITION
PC PIECE
RO ROUND
ZZ MUTUALLY DEFINED

QUALIFIER(S):
1. TRANSLATOR ENTERS "RO" WHEN RP 1-3 IS "TE6."
2. TRANSLATOR ENTERS "PC" WHEN RP 1-3 IS "TE7."
3. TRANSLATOR ENTERS "ZZ" WHEN RP 1-3 IS "TE9" OR "TJ9."
NOTE(S):
A. LH302 IS USED TO CARRY T_9 HAZMAT INFORMATION. SINCE X12 REQUIRES THE USE OF THE LH1 SEGMENT WHENEVER THE LOOP IS USED. "ZZ" IS USED TO SATISFY THAT REQUIREMENT WHEN INFORMATION FROM TE9 OR TJ9 IS CARRIED IN LH302.

Mandatory	LH102	80	LADING QUANTITY	M NO 01/07

NUMBER OF UNITS (PIECES) OF THE LADING COMMODITY. ALSO SEE UNIT OF MEASUREMENT CODE "355".

SOURCE(S):
1. TE6 RP 9-14 (ROUND COUNT)
2. TE7 RP 68-71 (PIECES DOCUMENTED BY TE7)
3. TRANSLATOR ENTERS "O" WHEN LH302 IS USED TO CARRY T_9 HAZMAT INFORMATION.
NOTE(S):
A. WHEN RP 14 OF TE6 CONTAINS "M" IT REPRESENTS THOUSANDS. FOR EDI TRANSMISSION THE "M" WILL BE REPLACED

858   SHIPMENT INFORMATION
LH1 HAZARDOUS IDENTIFICATION INFORMATION, Continued ...

BY THREE ZEROS (000). WHEN AN EDI
TRANSMISSION IS RECEIVED THAT EXCEEDS 6
CHARACTERS THE THREE TRAILING ZEROS WILL
BE REPLACED IN THE 80 RP FORMAT WITH
AN "M".

B. "0" IS USED TO SATISFY THE X12 MANDITORY
USE OF LH102 WHEN THE LH3 SEGMENT IS
USED TO CARRY T_9 INFORMATION. THE CODE
"0" WILL BE DISREGARDED WHEN TRANSLATING
FROM EDI TO THE 80 RP MILSTAMP FORMAT.

C. SEE APPENDIX Q, NOTE A.

Recommended < LH103 277   UN/NA IDENTIFYING CODE   0 ID 06/06
                                         CODE IDENTIFYING THE HAZARDOUS MATERIAL
SOURCE(S):   IDENTIFICATION NUMBER AS REQUIRED BY TITLE 49 OF THE
1. T_6 RP 74-79   CODE OF FEDERAL REGULATIONS.
NOTE(S):   (CODE SOURCE X12 REFERENCE 83)
A. FOR TCMD TRANSLATION CODE SOURCE IS THE
    T_6, NOT X12 REF83.

Not Used < LH104 200   UN HAZARDOUS MATERIALS PAGE   0 AN 01/06

858   SHIPMENT INFORMATION
LH2 HAZARDOUS CLASSIFICATION INFORMATION

Optional
2

Segment: **LH2** — HAZARDOUS CLASSIFICATION INFORMATION
Level:
Req. Des.: O
Max Use: 2
Loop: 0520
Purpose: TO SPECIFY THE HAZARDOUS CLASSIFICATION, PLACARD NOTATION, AND ENDORSEMENT INFORMATION.

Comments: A. LH203 HAS ONE VALUE OF "NONE" WHICH MUST BE INCLUDED IN THE TRANSACTION, HOWEVER, THE RECEIVER MUST CONSIDER IT TO BE BLANKS WHEN PRINTING A PAPER DOCUMENT.

SIDE Notes:
A. COMMENTS DO NOT APPLY TO TCMD TRANSLATION.

------------------------ Data Element Summary ------------------------

Ref Des.	Data Element	Name	Attributes
Mandatory	LH201	215	HAZARDOUS CLASSIFICATION THE HAZARDOUS CLASSIFICATION CORRESPONDING TO THE SHIPPING NAME OF THE HAZARDOUS COMMODITY. (SEE ASC X12 STANDARDS CODE SOURCE(S): 83.)	M ID 02/30

SOURCE(S):
1. T_6, RP 71-72 (UN CLASS AND DIVISION NUMBER).
2. THE SOURCE FOR TCMD IS T_6 RECORD, NOT X12 REFERENCE 83.
NOTE(S):
A. SEE APPENDIX Q, NOTE A.

Not Used	<	LH202	218	HAZARDOUS PLACARD NOTATION	O ID 16/40
Not Used	<	LH203	222	HAZARDOUS ENDORSEMENT	O ID 04/23
Optional		LH204	759	REPORTABLE QUANTITY CODE CODE TO IDENTIFY PRESENCE OF HAZARDOUS SUBSTANCE.	O ID 02/02

ENHANCEMENT(S): (NOT USED).
NOTE(S):
A. ENTER CODE "RQ" WHEN THE QUANTITY OF HAZARDOUS MATERIALS MEET OR EXCEED LISTING IN 40 CFR.

858   SHIPMENT INFORMATION
LH3 HAZARDOUS MATERIAL SHIPPING NAME

		Segment:	**LH3** – HAZARDOUS MATERIAL SHIPPING NAME
		Level:	
Optional		Req. Des.:	O
10		Max Use:	10
		Loop:	0520
		Purpose:	TO SPECIFY THE HAZARDOUS MATERIAL SHIPPING NAME AND ADDITIONAL DESCRIPTIVE REQUIREMENTS.

Comments: A.   LH302 IS TO BE USED TO CONVEY ADDITIONAL HAZARDOUS INFORMATION THAT DOES NOT MEET THE DEFINITION OF THE OTHER DATA ELEMENTS OF THE LH SEGMENTS.

-------------------------- Data Element Summary --------------------------

	Ref Des.	Data Element	Name	Attributes
Not Used	LH301	224	HAZARDOUS MATERIAL SHIPPING NAME	O AN 01/50
Optional	LH302	228	ADDITIONAL HAZARDOUS INFORMATION ADDITIONAL HAZARDOUS MATERIAL INFORMATION AS DESCRIBED IN THE CODE OF FEDERAL REGULATIONS, TITLE 49. (SEE ASC X12 STANDARDS CODE SOURCE(S): 83.)	O AN 01/50

SOURCE(S):
1. TE6, RP 80 (COMPATABILITY CODE GROUP)
2. T_9, RP 54-79 (HAZMAT TEXT)
NOTE(S):
A. TE6 SEE APPENDIX Q, NOTE A.
B. T_9 SEE APPENDIX Q, NOTE B.

858 SHIPMENT INFORMATION
LH4 CANADIAN DANGEROUS REQUIREMENTS

```
                                    Segment:  LH4  — CANADIAN DANGEROUS REQUIREMENTS
                                      Level:
                   Optional        Req. Des.:  O
                      1              Max Use:  1
                                        Loop:  0520        .
                                     Purpose:  TO SPECIFY ADDITIONAL CANADIAN
                                               TRANSPORT GOODS DIRECTORATE REQUIREMENTS
                                               COVERING TRANSPORTATION OF DANGEROUS
                                               COMMODITIES IN CANADA.

                                    Comments:  A.  LH402 IS THE EMERGENCY RESPONSE PLAN
                                                   TELEPHONE NUMBER.

                           --------------------------- Data Element Summary ---------------------------

                           Ref   Data
                           Des.  Element Name                                              Attributes
                           ----- ------- ------------------------------------       ---------- ----------

       Not Used    |<|  LH401  238    EMERGENCY RESPONSE PLAN NUMBER                    O AN 01/12

       Not Used    |<|  LH402  364    COMMUNICATION NUMBER                              O AN 07/21

       Not Used    |<|  LH403  254    PACKING GROUP CODE                                O ID 01/03

       Not Used    |<|  LH404  230    SUBSIDIARY CLASSIFICATION                         O ID 01/03

       Not Used    |<|  LH405  230    SUBSIDIARY CLASSIFICATION                         O ID 01/03

       Not Used    |<|  LH406  230    SUBSIDIARY CLASSIFICATION                         O ID 01/03

       Not Used    |<|  LH407  271    SUBSIDIARY RISK INDICATOR                         O ID 01/02

       Optional    |    LH408  267    NET EXPLOSIVE QUANTITY                            O NO 01/06
                                      NET WEIGHT OF THE EXPLOSIVE QUANTITY OF THE
                                      HAZARDOUS COMMODITY.
```

SOURCE(S):
1. TE7, RP 9-14 (NET EXPLOSIVE WEIGHT)

858   SHIPMENT INFORMATION
LHR HAZARDOUS MATERIAL IDENTIFYING REFERENCE NUMBERS

Segment: **LHR** — HAZARDOUS MATERIAL IDENTIFYING REFERENCE NUMBERS
Level:
Req. Des.: O
Max Use: 10
Loop: 0520
Purpose: TO TRANSMIT SPECIFIC HAZARDOUS
MATERIEL REFERENCE NUMBERS.

Comments: A. WHEN USED IN THE HAZARDOUS MATERIAL LOOP
THE SEGMENT WILL IDENTIFY THE VARIOUS
CERTIFICATION, EXEMPTION, OR SHIPPER
RELATED NUMBERS THAT RELATE TO THE
SPECIFIC ITEM OF THE SHIPMENT THAT ARE
IN ADDITION TO THE UN/UA NUMBER
REFERENCE IN THE LH1 SEGMENT.

Optional
10

------------------------- Data Element Summary -------------------------

Ref Des.	Data Element	Name	Attributes
LHR01	128	REFERENCE NUMBER QUALIFIER CODE QUALIFYING THE REFERENCE NUMBER.	M ID 02/02
LHR02	127	REFERENCE NUMBER REFERENCE NUMBER OR IDENTIFICATION NUMBER AS DEFINED FOR A PARTICULAR TRANSACTION SET, OR AS SPECIFIED BY THE REFERENCE NUMBER QUALIFIER.* ALSO SEE: REFERENCE NUMBER QUALIFIER (128).	M AN 01/40

Mandatory — LHR01

QUALIFIER(S):
TRANSLATOR ENTERS "DG" IF RP 1-3
CONTAINS TE6.

Mandatory — LHR02

SOURCE(S):
1. TE6 RP 67-70 (DODIC)
NOTE(S):
A. TO CONFORM TO X12 STANDARDS THE LENGTH
OF LHR02 IS RESTRICTED TO 30 CHARACTERS.

858   SHIPMENT INFORMATION
SE TRANSACTION SET TRAILER

```
                                      Segment: SE  - TRANSACTION SET TRAILER
                                      Level:
                           Mandatory  Req. Des.: M
                           1          Max Use:  1
                                      Loop:     -
                                      Purpose:  TO INDICATE THE END OF THE
                                                TRANSACTION SET AND PROVIDE THE COUNT
                                                OF THE TRANSMITTED SEGMENTS INCLUDING
                                                ·THE BEGINNING (ST) AND ENDING (SE)
                                                SEGMENTS.

                                      Comments: A.  SE IS THE LAST SEGMENT IN EACH
                                                    TRANSACTION SET.

                           -------------------------- Data Element Summary --------------------------

                                      Ref   Data
                                      Des.  Element Name                                    Attributes
                                      ----- ------- ---------------------------------       ----------
```

		Ref Des.	Data Element	Name	Attributes
ENHANCEMENT(S): 1. SOFTWARE COUNT OF SEGMENTS TRANSMITTED.	Mandatory	SE 01	96	NUMBER OF INCLUDED SEGMENTS TOTAL NUMBER OF SEGMENTS INCLUDED IN A TRANSACTION SET INCLUDING ST AND SE SEGMENTS.	M NO 01/06
ENHANCEMENT(S): 1. THE CONTROL NUMBER IS THE SAME NUMBER AS THAT USED IN THE CORRESPONDING ST SEGMENT.	Mandatory	SE 02	329	TRANSACTION SET CONTROL NUMBER IDENTIFYING CONTROL NUMBER ASSIGNED BY THE ORIGINATOR FOR A TRANSACTION SET.	M AN 04/09

APPENDIX P

SAMPLE COMPARISON OF EDI TRANSACTIONS TO CORRESPONDING FIXED-LENGTH FORMAT RECORDS

A. GENERAL

This appendix shows examples of how EDI transactions appear in relation to their corresponding fixed-length record equivalents.   In the EDI portions of the examples the following conventions are used for the sake of clarity:

1. The "*" is used as a data element delimiter.

2. The "@" character is used to represent the segment terminator.

3. Each segment begins on a new line.   In practice, the transaction would be transmitted as a continuous data stream.

B. SAMPLE TRANSACTIONS

1. Example 1 illustrates a single record TCMD.

2. Example 2 illustrates a multiple trailer record TCMD.

EDI TRANSACTION SET - 858 TCMD Single Shipment Unit With No Trailer Records

Example 1 (variable length)

```
ST*858*0002@
BX*00*LT*NS@
R4*L*IM*IGH@
LX*1@
REF*TO*HA8@
N9*DD*TX1@
N9*SF*SW0100@
N9*TG*FT565022943022XXX**901226@
N9*ZB*FT5650**901228@
N9*GP*3**910122@
N9*TH*SILP@
L5*1**721Z9*1*CAS71@
L0*1***4356*A3*744*E*174*PCS**L@
SE*14*0002@
```

DLSS TRANSACTION
TCMD SINGLE SHIPMENT UNIT, NO TRAILER RECORDS

Example 1 (fixed length)

858-1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
DIC ID			Trailer, Van, or Container Number						DoDAAC of Consignor				Commodity and Special Handling					a		Port of Embarcation			Port of Liebarcation			b	Type Pack	
T	X	1	F	S	6	5	0	2	2	9	4	3	0	2	7	2	1	2	9	1	G	H	A	B	C	S

30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59
Transportation Control Number (TCN)														(TCN)				DoDAAC of Ultimate Consignee					T P		ADD			Project Code	
F	T	S	6	5	0	2	2	9	4	3	0	2	2	X	X	X	F	T	S	6	5	0	3	0	2	2			

60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Date Shipped			T T A		Transportation Account Code (TAC)			Pieces				Weight					Cube			
2	6	0	2	S	1	L	P	0	1	7	4	0	4	3	5	6	0	7	4

a Record Position 20 title is "Air Dimensions"
b Record Position 27 title is "Mode/Method".

EDI TRANSACTION SET - 858 TCMD Single Shipment Unit with Multiple Trailer Records

Example 2 (variable length)

```
ST*858*0005@
BX*00*LT*NS@
R4*L*IM*HA8@
LX*1@
REF*TO*1M6@
N9*DD*TH1@
N9*SF*FB5643@
N9*TG*A3115534420995HXX**910505@
N9*ZB*FB4800**910506@
N9*GP*3**910624@
N9*TH*AH32@
L5*1**390Z9*I*CNT94@
L0*1***3683*A3*459*E*3*PCS**L@
LX*2@
N9*DD*TH8@
N9*CR*BRYAN          WH*04@
LX*3@
N9*DD*TH9*@
N9*CK*1*345 APOLLO DRIVE@
LX*4@
N9*DD*TH9@
N9*CK*2*HAMPTON, VA  23669@
SE*23*0004@
```

DLSS TRANSACTION
SINGLE SHIPMENT UNIT WITH MULTIPLE TRAILER RECORDS

Example 2 (fixed length)

858-2a

Record 1 (positions 1–29):
- DIC — T H I
- Trailer, Van, or container Number
- DoDAAC of Consignor — F B 5 6 4 3
- Commodity and Special Handling — 9 2
- Port of Embarkation (POE) — H A 8 8
- a
- Port of Debarkation (POD) — I M 6
- b
- Type pack — C C

Record 2 (positions 30–59):
- Transportation Control Number — A 3 1 5 5 3 4 4 2 0 9 5 H H X X F B 4 8 8 8
- (TCN)
- DoDAAC of Ultimate Consignee
- T P — 3
- RDD — 1 7 S
- Project Code

Record 3 (positions 60–80):
- Date Shipped — 1 2 5 1
- Transportation Account Code (TAC) — A H 3 2
- E T A
- Pieces — 0 0 0 3
- Weight — 0 3 6 8 3
- Cube — 0 4 5 9

a Air Dimensions
b Mode/method

DLSS TRANSACTION
SINGLE SHIPMENT UNIT WITH MULTIPLE
TRAILER RECORDS (Continued)

Example 2 (fixed length)

8S8-2b

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29

DIC	Trailer, Van, Or container number	DoDAAC of Consignor	Commodity and Special Handling	Port of Embarcation (POL) a	Port of Debarcation (POD)	b	Type Pack
T 8		F B 5 6 4 3	J 0 8 N 9	N A 8	I M 6	B	C

30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53

Transportation Control Number	(TCN)	DoDAAC of Ultimate Consignee	T P
A 3 1 5 3 4 4 2 0 0 9	5 N	X X	B 4 6 6 9	3

54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

Property Owners Last Name	Property owners initials	Property owners grade code	Net Weight of DPM Shipment	Blank
B R Y A N	W H	B R A D K	N 4	

a Air Dimensions
b Mode/method

DLSS TRANSACTION
SINGLE SHIPMENT UNIT WITH MULTIPLE
TRAILER RECORDS (Continued)

Example 2 (fixed length)

858-2c

| DIC | Trailer, Van, Or Container Number | DoDAAC of Consignor | Commodity and Special Handling | Port of Embarcation (POE) | Port of Debarcation (POD) | b | Type Pack |

Transportation Control Number (TCN) — DoDAAC of Ultimate Consignee

Civil Address — APOLLO DRIVE

a Air Dimensions
b Mode/method
c Sequene number

DLSS TRANSACTION
SINGLE SHIPMENT UNIT WITH MULTIPLE
TRAILER RECORDS (Continued)

Example 2 (fixed length)

858-2d

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
	DIC			Trailer, Van, Or container Number					DoDAAC Of Consignor					Commodity and Special Handling					a	Port of Embarcation (POE)			Port of Debarcation (POD)			b	Type Pack	
T	M	9						F	8	5	6	4	3	3	9	0	2	9		H	A	0	1	M	6	B	C	C

30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53
		Transportation Control Number													(TCN)				DoDAAC of Ultimate Consignee				
A	3	1	S	3	4	2	0	9	9	5	N	X	6	B	4	8	0	3	P		

54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
							Civil Address																			c
H	A	M	P	T	O	N						V	A		2	3	6	6	9							2

a Air Dimensions
b Mode-method
c Sequence number

APPENDIX Q

IMPLEMENTATION CONVENTIONS NOTES FOR DLMS DATA ELEMENT LENGTH LIMITS

A. EXPLANATION

1. DLSS data fields are restricted to specific lengths in the current 80 record position transaction formats. The DLMS transactions provide an enhanced capability to use data elements which are both larger and variable in length.

2. In some cases, DLSS fields which were restricted to less than optimal size are being increased as part of DoD policy. For example, the piece weight and cube fields can be expanded, eliminating the substitution of special characters for the first digit. These increased sizes should not be used until this policy has been fully developed.

3. In other cases, DLMS use of ASC X12 EDI standards placed DoD data in ASC X12 data elements which are longer than DoD requirements. For example, the transportation control number which is 17 characters in length is placed in the ASC X12 reference number, data element 127, which can be up to 30 (40 in DLMS) characters in length. In these cases, only 17 characters of the ASC X12 data element may be used. The implementation conventions define the number of characters which may be used. Use of the DLMS data element is restricted to the size limits currently available in the DLSS transaction.

4. A third case highlights very specific anomalies and is exemplified by the date field. Again, because of position restrictions in the fixed-length records, DLSS dates are expressed in various lengths from three to seven characters. DLMS will use a standard six-position format.

B. DATA ELEMENT LENGTH NOTES:

The following notes referred to in appendix O, Implementation Conventions, identify every DLSS data element contained in MILSTAMP for which the DLMS and DLSS lengths vary:

1. **Note A.** The following data elements have a consistent DLSS length which is less than the maximum DLMS data element length. These data elements are

referenced in the implementation conventions as "SEE APPENDIX Q, NOTE A." The maximum data length that can be used is limited to the DLSS length until implementing instructions are published.

DATA ELEMENT NAME	DATA ELEMENT NUMBER	DLSS LENGTH	DLMS LENGTH
GBL number	145	8	1/30
Document identifier for GBL header	127	3	1/40
Total number of TCNs	373	3	1/45
Port of embarkation	310	3	1/25
DoDAAC	67	6	2/17
Sequence indicator	127	1	1/40
Trailer, van or container number	207	5	1/10
Complete van number	207	8	1/10
Van cubic capacity	183	4	1/10
Temperature range	319	5	1/6
Length of van	567	4	4/5
Seal number	225	8	2/15
Port of debarkation	127	3	1/40
Consolidation container number	127	5	1/40
RORO/SEAVAN/MILVAN number	127	5	1/40
National stock number	127	12	1/40
Sequence number	127	1	1/40
Document identifier	127	3	1/40
Federal supply code	127	4	1/40
DoDAAC	127	6	1/40
Air dimension code	127	1	1/40

DATA ELEMENT NAME	DATA ELEMENT NUMBER	DLSS LENGTH	DLMS LENGTH
Transportation control number	127	17	1/40
CTS and APOD codes	127	6	1/40
Transportation priority	127	1	1/40
Project code	127	3	1/40
Transportation account code	127	3	1/40
Vehicle serial number	127	13	1/40
Personal property owners name	127	13	1/40
State and license number	127	7	1/40
Beam assembly	127	2	1/40
Zip code	127	6	1/40
Lot number	127	14	1/40
Nomenclature and pieces of BII	79	11	1/50
POV year and make	79	6	1/50
Number of shipment units	79	2	1/50
Delivery code	87	1	1/45
Type pack	220	2	1/11
Length	739	6	1/10
Width	739	4	1/10
Height	739	4	1/10
Round count	80	6	1/7
Pieces documented by TE7	80	4	1/7
UN class and division number	215	2	2/30
Compatibility code group	228	1	1/50

2. **Note B.** The following data elements have varying DLSS field lengths depending on usage and location within any given transaction, e.g., the DLSS field length is less than the maximum DLMS data element length. These data elements are referenced in the implementation conventions as "SEE APPENDIX Q, NOTE B." The maximum data length that can be used is limited to the DLSS length until implementing instructions are published.

DATA ELEMENT NAME	DATA ELEMENT NUMBER	DLSS LENGTH	DLMS LENGTH
Hazmat text	228	0/25	1/50

3. **Note C.** The following data elements have a DLSS field length which is less than the minimum DLMS field length depending on usage and location within any given transaction. These data elements are referenced in the implementation conventions as "SEE APPENDIX Q, NOTE C." Translation will convert the DLSS entry to the DLMS coding based on the instructions as identified below:

DATA ELEMENT NAME	REFERENCE
Date	See Appendix R
Time	See Appendix R
Weight	See Appendix S
Cube	See Appendix S
Pieces	See Appendix S

APPENDIX R

DATE CONVERSIONS

A. GENERAL

The ANSI ASC X12 standard format for transmission of date/time data is "YYMMDD" for the date and "HHMM" for time. In the date format "YY" = year, "MM" = month, and "DD" = day. For the time format, "HH" = hour and "MM" = minutes. Time is based on a 24-hour clock with a range of 0000 through 2359.

B. CONVERSION INSTRUCTIONS

In MILSTAMP date/time information is carried in four basic formats:

1. Date Shipped Code (GBL Header): Four numeric characters. In this format the first character is the last digit of the year and the remaining three characters represent the day of the year as indicated in the conversion chart in appendix F, figure F-1.

    a. When converting this format to EDI the current decade is assumed. Therefore, through 1999, 9 will be the first "Y" position. The second "Y" position will contain the first MILSTAMP character. The remaining "MMDD" positions will be filled by converting the three character MILSTAMP code to the appropriate month and day.

> Example: MILSTAMP entry 1111 translates to the X12 standard as 910421.

    b. When converting X12 data to this format the first "Y" position is disregarded. the second "Y" position is entered as the first character of the MILSTAMP format. The remaining three positions are filled by converting the X12 month/day information to the appropriate three digit code.

> Example: X12 entry 921029 translates to the MILSTAMP format as 2302.

2. Date Shipped Code (Surface) and RDD: Three numeric characters. In this format, the year is not specified. The month and day are derived through the conversion chart as shown in appendix F, figure F-1.

a. When converting this format to EDI, compliance with the TCMD time submission standards contained in chapter 2, figure 2-b-4 is assumed and is used as the basis for selecting the year. If the standards are not met and the TCMD is translated after the RDD, the year will be in error. This should not create a problem because the year is not currently used. The current year is assumed when the date derived from the conversion chart is the same or later in the year than the date of conversion. If the month and day from the conversion chart occur earlier than the date of conversion, then 1 year is added to the current year. The month and day are determined in accordance with appendix F, figure F-1. In some instances, the RDD entries "555," "777," or "999" will appear as the date shipped entry. These are not dates but priority indicators. When they are present, the entries "050505," "070707," and "090909" respectively will be used.

Example 1: If the date of translation is May 12, 1991, and the MILSTAMP entry is 154 (3 June) the X12 translation would be 910603. Since June is later than May, it is assumed to be June of the same year and 91 (1991) is entered in the "YY" field of the X12 translation.

Example 2: If the date of translation is December 23, 1991, and the MILSTAMP entry is 004 (3 January) the X12 translation would be 921203. Since January occurs before December in the calendar year, it is assumed to be January of the following year. For translation 1 year is added to the current year (1991) and 92 (1992) is entered in the "YY" field of the X12 translation.

b. When converting EDI data to this MILSTAMP format, the "YY" fields are disregarded and the "MMDD" fields are converted to the appropriate three-position identifier in accordance with the conversion chart. When the entries "050505," "070707," or "090909" occur, they will be translated as "555," "777," and "999" respectively.

Example: X12 entry 910730 translates to the MILSTAMP format as 211.

3. Date Shipped Code (Air): Three alphanumeric characters. In this format, the first position code is a letter derived from appendix F, paragraph 11.c.(1), indicating the GMT hour. The last two positions are the last two digits of the applicable month/day code from the conversion chart in appendix F, figure F-1. The year is not specified and the same two position month/day code may occur up to four times in the conversion chart.

a. When converting MILSTAMP data to EDI the latest time in the range of times shown for each letter will be used (1100 for 1001-1100). For consistency

with the X12 standard, "0000" will be entered for code "Z" rather than "2400."
The year will be determined as explained in preceding paragraph 2.a. The month
and day will be selected from the next 99 dates following the date of conversion
based on the conversion chart.

> Example: If the date of translation is February 10, 1991, and the
> MILSTAMP entry is K44, the X12 translation is 1000 for the "HHMM" and
> 910213 for the "YYMMDD." The latest time is 1000 in the range (0901-
> 1000) shown for code "K." February 10 is represented as 041 in the
> conversion chart. The next occurrence of 44 in the chart is 044 or
> February 14 which converts to 0213 in the X12 "MMDD" format. Using
> the rule from paragraph 2.a., February 14 is after February 10;
> therefore, the current year (1991) is selected and entered into the
> "YY" fields as "91."

    b. When converting EDI data to the MILSTAMP format, the "HHMM" format is
converted to a letter using the MILSTAMP conversion chart. The "YY" fields are
disregarded. The "MMDD" fields are converted to the appropriate code from the
MILSTAMP conversion chart and the last two characters entered in the last two
positions of the MILSTAMP format.

> Example: If the EDI entry for time is 1600 and the date is 920822
> (August 22, 1992) the MILSTAMP translation is "R34." R is the
> MILSTAMP code for the time range 1501-1600. The digits 34 are the
> last two digits in the MILSTAMP conversion (234) of August 22.

    4. Estimated Time of Arrival Code: A single alpha or numeric character. In
this format, the character represents the estimated transit days as shown in
appendix F, paragraph 12.b. Neither year, month, nor day is shown and must be
derived by adding the number of days in paragraph 12.b. to established dates.

    a. To translate from the MILSTAMP format to EDI, the number of days
specified in appendix F, paragraph 12.b. is added to the date the shipment was
released [see previous paragraph 2.a.]. For codes W, X, and Y use the latest of
the range of days shown (for MILSTAMP range 30-35 enter 35). For MILSTAMP Code Z,
enter 90.

> Example 1: If the MILSTAMP entry is "C" and the date the shipment is
> released is 910512 (May 12, 1991), the X12 translation is 910524
> (May 24, 1991). MILSTAMP Code "C" converts to 12 days transit time.
> May 24   is 12 days after May 12.

   b. To translate from EDI to the MILSTAMP format, the date of shipment is subtracted from the estimated time of arrival and the difference converted to the appropriate MILSTAMP code.

   Example 1: If the EDI entry for the estimated time of arrival is "921101" and the date of shipment is "911010" then the MILSTAMP translation is "N" for 22 days.

APPENDIX S

MILSTAMP TO EDI CONVERSIONS WHEN PIECES, WEIGHT, AND CUBE ENTRIES EXCEED THE SPACE ALLOCATED IN THE 80 RP MILSTAMP FORMAT

A. GENERAL

1. The ASC X12 data elements that are used to carry TCMD pieces, weight, and cube call for numeric entries. Due to space limitation in the data fields assigned to carry this information in MILSTAMP 80 rp formats, a series of symbols and alpha codes are used when the entries exceed the space allocated. This is explained in chapter 2, section B, subparagraph 1.b.(7).(d).

B. CONVERSION INSTRUCTIONS

1. When converting the MILSTAMP to EDI, the numeric value indicated will be substituted for the MILSTAMP symbol or code.

MILSTAMP Code	X12 Value	MILSTAMP Code	X12 Value
A	11	J	21
B	12	K	22
C	13	L	23
D	14	M	24
E	15	N	25
F	16	O	26
G	17	P	27
H	18	Q	28
I	19	R	29
&	10	-	20

Example 1: MILSTAMP pieces entry 1234 translates to the EDI entry 10234 (10,234).

Example 2: MILSTAMP pounds entry P7373 translates to the EDI entry 277373 (277,373).

2. When converting from EDI to MILSTAMP, the first two digits of EDI entries that exceed the space allocated in the 80 rp format (four positions each for pieces and cube, and five positions for weight) will be converted to the appropriate code. EDI transmissions must be restricted to 29,999 for pieces and cube, and 299,999 for weight. EDI entries that exceed these restrictions cannot be translated because no corresponding MILSTAMP code exists.

Example 1: The EDI entry 15555 (15,555) for pieces will be translated to MILSTAMP as E555. 15555 exceeds the four positions available in the MILSTAMP format for the number of pieces.

Example 2: The EDI entry 15555 (15,555) for weight will be translated to MILSTAMP as 15555. In this example, 15555 does not exceed the five position MILSTAMP field available.

Example 3: The EDI entry 499876 (499,876) for weight cannot be translated to MILSTAMP. The largest number for which there are corresponding MILSTAMP codes is 299,999.

3. Pieces, weight, and cube entries that exceed the capability to translate back to the MILSTAMP format can be carried in T_9 records. When this is done the T_0/4 will contain a 'W' followed by zeros in the Pieces, Weight and/or Cube field. A T_9 trailer will carry specific shipment unit details.

4. When converting from MILSTAMP to EDI the "W" will be converted to a zero and carried in the LO segment as mapped. The specific details will be carried in REFO3 as mapped in appendix D11.

5. When converting from an EDI transaction created from MILSTAMP records, the "W" will be added back to the appropriate pieces, weight and/or cube field and the T_9 record reconstructed.

6. *Enhancement (Not Used):* If an EDI transaction is constructed directly, rather than translating from MILSTAMP records, numbers larger than 29,999 pieces/cube and 299,999 pounds can be entered directly into the LO segment. If this EDI transaction is translated back to the MILSTAMP format, the translator must substitute a "W" followed by zeros in the appropriate T_0/4 record positions and construct a T_9 record with the pieces, weight and/or cube detail in record positions 54 to 79.

APPENDIX T

INSTRUCTIONS FOR PREPARATION OF DLMS CHANGE REQUESTS

Appendix T. Add a new appendix T to read as follows:

Services/Agencies should submit DLMS change requests in the format illustrated in this appendix and in accordance with the entry instructions provided below. Refer to chapter 1, section I, of this supplement for additional information concerning submission and processing of change requests.

A. ORIGINATOR:

1. **Service/Agency:** Identify the Service or Agency submitting the change request.

2. **Originator:** Identify the person who can discuss the concepts, needs, and rationale underlying the proposed change request. Include the name, organization/office symbol, commercial phone, and DSN number.

B. FUNCTIONAL AREA:

1. **Primary:** Identify the DLMS functional area **a/** whose systems, policies, and procedures are most affected by the change.

2. **Secondary(ies):** Identify other functional area(s) which may be affected by or have an interest in the requested change.

C. REQUESTED CHANGE:

1. **Title:** A brief descriptive title for the change requested.

---

a/ Acquisition, Financial, Maintenance, Requirements, Supply, or Transportation.

2. **Description of the Change**: A brief description of:

    a. the fundamental problem or issue the change seeks to resolve, and

    b. the change requested.

3. **Procedures**: Identify changes needed to DLMS publications to support the change and provide the specific wording changes needed. Include changes to the DLMS supplement procedural text, conventions, cross-reference matrices, transaction sets, data segments, and data elements. In addition, if authorized, also include changes to the basic regulation.

4. **Alternative Solutions**: Identify and discuss alternative approaches to resolving the problem or issue.

D. REASON FOR THE CHANGE:

Provide background and support for the problem or issue the change attempts to resolve. Elaborate on the need for the change and place the problem in a context which allows evaluators, who are generally familiar with the process, to understand the full impact of the problem or issue and the impact of maintaining the status quo.

E. ADVANTAGES/DISADVANTAGES:

1. **Advantages**: Identify both tangible and intangible benefits expected from adoption of the change. Include benefits both within and beyond the primary functional area or the DLMS, especially benefits accruing to DoD. Quantify benefits whenever possible. Why is the proposed solution more advantageous than the alternatives?

2. **Disadvantages**: Indicate known or potential problems and costs associated with the change. Consider disadvantages both within and beyond the primary functional area or the DLMS. Quantify costs whenever possible.

F. IMPACT:

1. **Transaction Set(s)**: Identify transaction set(s) which will be added, revised, or deleted as a result of the change.

2. **Segment(s)**: Identify segments which will be added, revised, or deleted as a result of the change.

3. **Data Element(s)**: Identify data elements which will be added, revised, or deleted as a result of the change. Include those data elements wherein code values will be added, revised, or deleted.

4. **Publication(s)**: Identify other DoD publications which need to be revised to remain compatible with the DLMS. Include suggested wording changes.