

**Program Executive Office (PEO)
Standard Army Management
Information Systems (STAMIS)**



**INTERFACE AGREEMENT
Transportation Coordinators' Automated Information
for Movement System II (TC-AIMS II)
and
Worldwide Port System (WPS)**

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1. General

1.1 Purpose.

The purpose of this Interface Agreement (IA) is to define the functional and physical interface established between the Military Traffic Management Command (MTMC) Worldwide Port System (WPS) and Transportation Coordinators' Automated Information for Movement System II (TC-AIMS II).

1.2 Scope.

This IA applies to all functional proponents, assigned responsible agencies, software developers, operators, users, and all others involved with the transfer of data between WPS and TC-AIMS II. It encompasses requirements pertaining to data, physical and logical interfaces, communications, service levels, and security.

1.3 Functional Requirement.

This IA provides for a one-way data exchange between TC-AIMS II and WPS of Advance Transportation Control and Movement Documents (ATCMDs) with associated trailers for non-unit ocean cargo to be released for shipment to the Port of Embarkation (POE). WPS provides the water port operator with the capability to document, account for and manage DoD cargo moving via surface within the Defense Transportation System (DTS) and to provide Intransit Visibility (ITV) information to other DoD Automated Information Systems (AIS).

1.4 Interface Overview.

Data records to be exchanged will be prepared in a DOS formatted American Standard Code for Information Interchange (ASCII) text file for exchange via the Defense Information System Network (DISN) using DDN COMN Hosts with store-forward and virtual connectivity (end-to-end acknowledgment) capabilities. Connectivity will be determined by locally available capability. 3.5 HD diskette will be used as backup means of communication when electronic means are not available.

1.5 Responsibilities.

1.5.1 TC-AIMS II Project Manager.

The TC-AIMS II Joint Project Management Office (JPMO) will incorporate into TC-AIMS II the functionality in the Program Executive Office (PEO) Standard Army Management Information Systems (STAMIS) Operational Requirements Document (ORD) to include the capability to export the data files described in Appendix A.

1.5.2 WPS Project Manager.

The WPS Project Management Office (PMO) will maintain the capability import and process the TC-AIMS II data files described in Appendix A.

1.6 Procedural and System Changes.

1.6.1 General.

During the life cycles of WPS and TC-AIMS II, the PMO of either system may discover new or changed operational requirements that will affect this interface. All affected parties will be notified in writing 120 days prior to implementing the proposed/required change(s). Notification will clearly describe the intended

change(s) and will identify transaction changes that will affect the interface between WPS and TC-AIMS II. Modifications to TC-AIMS II will be submitted in accordance with established Configuration Management (CM) procedures and approved by the JPMO or the Joint Configuration Control Board (CCB). The party making the change will initiate the required notification.

1.6.2 Regulatory Changes.

If a procedural change is the result of a Service or Agency regulatory change, both parties to the IA will mutually agree on the implementation actions and an effective date.

1.6.3 Functional or Technical Changes.

Changes that result in functional, technical or procedural changes, or changes to standard data tables and elements affecting only one system will be initiated by the responsible PMO. That system's PMO will propose a mutually acceptable implementation date for the change(s).

1.6.4 Year 2000 (Y2K) Compliance.

The April 1997 Department of Defense (DoD) Year 2000 Management Plan directs system developers and maintainers, along with the system's functional proponent, to certify and document each system's Year 2000 (Y2K) compliance. The TC-AIMS II software suite will be certified Y2K compliant. The interface exchange data requires Y2K compliance or implementation of consistent Y2K corrections to enable correct date data passage between your system and TC-AIMS II.

1.6.5 Modifications.

Upon agreement, all modifications to this interface will be documented herein and recorded on the change sheet. Revised page(s) will be produced and the IA signed and dated by all concerned parties.

1.7 Life-Cycle Maintenance.

This agreement will be reviewed and augmented as required.

2. TC-AIMS II Attributes

2.1 System Attributes.

The TC-AIMS II is a top-down directed program aimed at addressing a critical shortfall in the movement of material and personnel in support of DoD transportation operations as defined in the TC-AIMS II Mission Needs Statement. TC-AIMS II falls within the DoD mission area supporting Mobility/Transportation of the DoD Personnel and Cargo. TC-AIMS II will provide unit mobility and Installation Transportation Office/Transportation Movement Offices (ITO/TMO) support throughout DoD with a single, effective, and efficient Automated Information System (AIS) which provides transportation management of unit movement, passengers, and cargo during day-to-day operations within the Defense Transportation System (DTS).

The TC-AIMS II system is the result of a joint effort of the US Armed Forces and the Joint Project Management Office (JPMO) headed by the US Army as the Executive Agent. TC-AIMS II provides automated support to functions performed by Unit Movement Officers (UMOs) and Installation Transportation Offices (ITOs/TMOs), who previously used a variety of Service sponsored automated systems and manual processes. TC-AIMS II goal is to improve and expedite unit movements and Transportation Operating Agency (TOA) actions, providing timely and accurate information for use at all Joint Deployment Communities (JDCs) command levels in support of CONUS (Continental United

States), OCONUS (Outside the Continental United States) and in theater RSO&I (Reception, Staging, Onward Movement and Integration) operations.

The TC-AIMS II system includes software and processes installed on service-provided hardware that supports unit movement and sustainment transportation functions, as well as provides access to various load-planning functions. These functions are available to the TC-AIMS II user from a client/server network or stand-alone configuration at the unit/installation level whether in-garrison or deployed. Processing, tracking, and reporting of data from TC-AIMS II will be available to decision-makers at various command levels via the In-transit View (ITV) capability of the Global Transportation Network (GTN).

2.2 Hardware.

The TC-AIMS II program is designed to operate on hardware provided by the Services in both client/server and standalone configurations. The client and standalone workstation hardware platforms require a Pentium II computer or higher with 64 MB of RAM and 4 GB hard disk. The server requires a Pentium II processor or higher with 256 MB RAM and 5GB hard drive.

2.3 Software.

TC-AIMS II client/server and standalone workstation platforms run under MS Windows NT (workstation) supporting a Sybase relational database. The server configuration runs under MS Windows NT (server) supporting a Sybase relational database.

2.4 Interface Attributes

2.4.1 Procedures.

TC-AIMS II will transmit ATCMDs to WPS for cargo that has been released for movement to the water port. The file naming convention for the ATCMD files transmitted from TC-AIMS II will be:

Record Position	Size	Name
1 - 2	2	System ID
3 - 7	5	Julian Date (YYDDD)
8 - 11	4	Time (HHMM)

File extension: ".tcm"

2.4.2 Data Exchange.

The intended method of data exchange for this interface is by means of messages sent via File Transfer Protocol (FTP) file transfer using dial up or DISN. The data will be in a DOS formatted ASCII text file without encryption.

2.4.3 Priority.

The processing priority for this interface will default to routine.

2.4.4 Communications.

The intended method of data exchange for this interface is by means of ASCII files messages sent via FTP file transfer. 3.5 HD diskette exchange will be used as backup if electronic exchange is not available. The actual interfacing will be done manually.

2.5 Service Levels.

No service levels for this interface will be established. Data will be passed on an as required basis. No special processing is required.

2.6 Points of Contact.

2.6.1 Functional.

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2.6.2 Technical, Communications, and Security.

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2.7 Security.

TC-AIMS II is an unclassified system containing Sensitive But Unclassified (SBU) information. TC-AIMS will operate in the systems high mode in accordance with a C2 level of accreditation based on the DOD 5200.28-STD. The TC-AIMS II architecture has been designed with protective mechanisms that ensure the data confidentiality, integrity, and availability of the data being transmitted including:

- Safeguards protecting data from virus or malicious logic
- Diskette will be handled and controlled per local security policies.

2.8 Communication Verification.

No verification is required for a manual interface. The communications software includes verification and notification modules to provide the sender notification of successful/non successful file transfer. Recovery from file transfer problems is built into the various communications protocols. If these built-in recovery functions do not result in successful completion, retransmission of the entire file is required.

2.9 System Problems.

The JPMO will maintain a Help Desk system to coordinate and resolve system problems referred from the Services. The Help Desk will provide a single-track problem resolution interface with the software developers as outline in the Integrated Logistics Support Plan (ILSP).

2.10 Data Requirements (from TC-AIMS II to WPS).

TC-AIMS II will pass ATCMD data to WPS for ocean cargo shipments.

2.10.1 Single Shipment Unit/Loose Cargo and Shipment Units Loaded into Consolidation Containers Record (T_0/1/4) (Appendix A, Table A-1).

This is the prime card for single shipment units, it contains basic information associated with a shipment. This record may be accompanied by various trailer records which carry specific information concerning all or part of the cargo.

2.10.2 MILVAN SEAVAN or RORO (T_2) (Appendix A, Table A-2).

This record contains general information of a van for a given shipment. It may be accompanied by trailer records which apply to more specific aspects of the van

2.10.3 CONEX/Container (T_3) (Appendix A, Table A-3).

This record documents a loaded container, which contains one or more shipment units. In this case, the container is not a RORO, SEAVAN, MILVAN or 463L pallet.

2.10.4 Outsized Dimensions (T_5) (Appendix A, Table A-4).

The T_5 record is required for outsized cargo and for Government vehicles, trailers, wheeled/tracked guns, and aircraft. A T_E is associated with a TCMD T_A or T_D record. The T_E is tied to the TCMD record through the TCN and ID. The first two positions of the document ID on the T_E match the associated TCMD record.

2.10.5 Hazardous/Non-Hazardous Materials Trailer Data (T_6) (Appendix A, Table A-5).

Ammunitions and Explosives, Hazardous Materials, and Stock Number trailer records are required to be associated with a TCMD record for single shipment units not in a consolidation container. The Ammunitions and Explosives, Hazardous Materials, and Stock Number trailer record is tied to the TCMD record through the TCN and document ID. The first two positions of the document ID on the Ammunitions and Explosives, Hazardous Materials, and Stock Number trailer record match the associated TCMD record.

2.10.6 Explosive and Dangerous Articles (T_7) (Appendix A, Table A-6).

These records are required to be associated with a TCMD record when the shipment unit is ammunition or explosives.

2.10.7 Household Goods and Baggage Ownership Data (T_8) (Appendix A, Table A-7).

This record pertains to the shipment of household goods and baggage.

2.10.8 Miscellaneous Trailer Data (T_9) (Appendix A, Table A-8).

The T_9 record contains specific information for a loose shipment unit or a containerized shipment unit, to include empty SEAVAN/MILVAN/CONEX. This record provides additional information that is not covered elsewhere in the TCMDs.

3. WPS Attributes**3.1 System Description.**

The WPS is a single standard AIS designed to support the function of cargo documentation, accountability and management at common user ocean terminals associated with MTMC, US Navy and US Army Forces Command (FORSCOM) Active and Reserve Automated Cargo Documentation Detachments (ACD), Transportation Groups, Battalions and Brigades. WPS supports the operation of common user water terminal worldwide, during peacetime and wartime operations, and contingency operations.

3.2 Hardware.

WPS operates in multiple hardware platforms supporting a regional network configuration, a standalone configuration and a deployable unit configuration.

3.3 Software.

WPS uses a commercial-off-the-shelf (COTS) Oracle Relational Database Management System.

3.4 Interface Attributes.

3.4.1 Procedures.

WPS will receive and process ATCMDs from TC-AIMS II for export shipments that have been cleared for movement to the POE based on the receipt of an Export Traffic Release (ETR) from the Integrated Booking System (IBS).

3.4.2 Data Exchange.

The data exchange from TC-AIMS II to WPS is by means of File Transfer Protocol (FTP) file transfer using dial up or DISN. The data will be in a DOS formatted ASCII text file without encryption.

3.4.3 Priority.

The processing priority for this interface will default to routine.

3.4.4 Communications.

The intended method of data exchange for this interface is by means of ASCII text files sent via FTP file transfer. 3.5 HD diskette exchange will be used as backup if electronic exchange is not available. The actual interfacing will be done manually.

3.5 Service Levels.

No service levels for this interface will be established. Data will be passed on an as required basis. No special processing is required.

3.6 Points of Contact.

3.6.1 Technical.

Terminal and OCONUS Systems

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3.7 Security.

The WPS architecture is designed to accommodate US2 data. Information availability and integrity are the primary data projection requirements for WPS. Confidentiality of information and data will be protected in accordance with the Computer Security Act of 1987 and Army Regulation (AR) 380-19. Valid passwords are required and access is limited to only that information required to meet mission requirements.

3.8 Communication Verification.

No verification is required for a manual interface. The communications software includes verification and notification modules to provide the sender notification of successful/non successful file transfer. Recovery from file transfer problems is built into the various communications protocols. If these built-in recovery functions do not result in successful completion, retransmission of the entire file is required.

3.9 System Problems.

Problems encountered will be resolved by the local System Administrator or forwarded to WPS PMO for resolution.

3.10 Data Requirements (from WPS to TC-AIMS II).

No data will be sent from WPS to TC-AIMS II. Notification of Receipt and Lift Transactions (TTA) and (TTG) will be obtained from GTN.

Appendix A, TC-AIMS II to WPS File Structure and Record Layout Information

Table A-1, Single Shipment Unit/Loose Cargo and Shipment Units Loaded into Consolidation Containers Record (T_0/1/4)

DESCRIPTION	POSITIONS	WIDTH	TYPE/CLASS	REMARKS	
DOCUMENT IDENTIFIER CODE	1 - 3	3	A/N	"T_0/1" for loose cargo, or "T_4" for palletized or containerized cargo. The 2 nd position is variable as defined in MILSTAMP Appendix F8.	M
MILSTAMP CONTAINER NO.	4 - 8	5	A/N	For Air and ARFCOS shipments, leave position 4 blank and enter FSC in positions 5-8. Number marked on the consolidation container that the shipment unit is loaded in. (Matches the corresponding T_2 or T_3) If the shipment unit is in a consolidation container (T_3), which is in a RORO/SEAVAN/ILVAN, enter the number from the T_2	O
CONSIGNOR DODAAC	9 - 14	6	A/N	For courier shipments, enter CTS in position 9-11 and Point of Embarkation in position 12-14. DoDAAC of consignor of the actual shipment unit. If the shipment unit is in a consolidation container (T_3), which is in a RORO/SEAVAN/MILVAN, enter the no. from the T_3	M
COMMODITY/SPECIAL HANDLING ID	15 - 19	5	A/N	For Air, enter 2-digit air commodity code in position 18-19.	M
AIR DIMENSION CODE	20	1	A/N	Blank	O
PORT OF EMBARKATION	21 - 23	3	A/N		M
PORT OF DEBARKATION	24 - 26	3	A/N		M
MODE	27	1	A/N	For courier shipments, enter X or 9.	O
TYPE PACK	28 - 29	2	A/N		M
TCN	30 - 46	17	A/N		M
CONSIGNEE DODAAC	47 - 52	6	A/N	For courier shipments, enter CTS in position 47-49 and Point of Debarkation in position 50-52.	M
TRANSPORTATION PRIORITY	53	1	A/N		M
REQUIRED DELIVERY DATE	54 - 56	3	A/N	"A-Z, 1-9" For courier shipments, leave blank.	M
MILSTRAP PROJECT	57 - 59	3	A/N		M
SHIPMENT UNIT RELEASE DATE	60 - 62	3	A/N	For surface shipments, enter Julian date; for air enter Hour/Date code.	M
ESTIMATED TIME OF ARRIVAL	63	1	A/N	"A - Z", 0-9 O/I EXCLUDED	M
TAC	64 - 67	4	A/N	For courier shipments, enter '0003'.	M
TCMD PIECES	68 - 71	4	A/N	Reference MILSTAMP for alternative piece/weight/cube construction for values larger than size of field.	M
TCMD WEIGHT	72 - 76	5	N	POUNDS Reference MILSTAMP for alternative piece/weight/cube construction for values larger than size of field.	M
TCMD CUBE	77 - 80	4	N	CUBIC FEET Reference MILSTAMP for alternative piece/weight/cube construction for values larger than size of field.	M
M = Mandatory field O = Optional field					
A = Alpha N = Numeric					

Table A-2, MILVAN, SEAVAN or RORO (T_2)

DESCRIPTION	POSITIONS	WIDTH	TYPE/CLASS	REMARKS	
DOCUMENT IDENTIFIER CODE	1 - 3	3	A/N	"T_2" for Advanced TCMD or "T_B" for Manifested Cargo. The 2 nd position is variable as defined in MILSTAMP Appendix F8.	M
MILSTAMP CONTAINER NO.	4 - 8	5	A/N		M
LOADING DODAAC	9 - 14	6	A/N		M
COMMODITY/SPECIAL HANDLING ID	15 - 19	5	A/N	For Air, enter 2-digit air commodity code in position 18 - 19.	M
AIR DIMENSION CODE	20	1	A/N	Blank	O
PORT OF EMBARKATION	21 - 23	3	A/N		O
PORT OF DEBARKATION	24 - 26	3	A/N		O
MODE	27	1	A/N		M
TYPE PACK	28 - 29	2	A/N		M
TCN	30 - 46	17	A/N		M

DESCRIPTION	POSITIONS	WIDTH	TYPE/CLASS	REMARKS	
CONSIGNEE DODAAC	47 - 52	6	A/N		M
TRANSPORTATION PRIORITY	53	1	A/N		M
REQUIRED DELIVERY DATE	54 - 56	3	N		M
CONSIGNEE CODE	57	1	A/N		M
TOTAL SHIPMENT UNITS	58 - 59	2	A/N		M
TCMD DATE SHIPPED	60 - 62	3	A/N	For surface shipments, enter Julian date; for air enter Hour/Date code.	M
ESTIMATED TIME OF ARRIVAL	63	1	A/N	A - Z, O/I Excluded	M
VAN CUBIC CAPACITY	64 - 67	4	A/N	If VAN is a RORO leave blank.	M
TOTAL PIECES IN VAN	68 - 71	4	A/N	Reference MILSTAMP for alternative piece/weight/cube construction for values larger than size of field.	M
TOTAL WEIGHT OF VAN	72 - 76	5	A/N	POUNDS Reference MILSTAMP for alternative piece/weight/cube construction for values larger than size of field.	M
TOTAL CUBE OF VAN	77 - 80	4	A/N	CUBIC FEET Reference MILSTAMP for alternative piece/weight/cube construction for values larger than size of field.	M
THE FOLLOWING APPLIES FOR SEAVAN SHIPMENTS:					
SEAVAN OWNERSHIP CODE	9 - 12	4	A/N		M
VAN LENGTH	13 - 14	2	N		M
THE FOLLOWING APPLIES FOR MILVAN SHIPMENTS:					
BLANK	9 - 12	4	A/N		M
VAN LENGTH	13 - 14	2	N		M
M = Mandatory field O = Optional field					
A = Alpha N = Numeric					

Table A-3, CONEX/Container (T_3)

DESCRIPTION	POSITIONS	WIDTH	TYPE/CLASS	REMARKS	
DOCUMENT IDENTIFIER CODE	1 - 3	3	A/N	"T_3" for Advanced TCMD or "T_C" for Manifested Cargo. The 2nd position IS variable as defined in MILSTAMP Appendix F8.	M
MILSTAMP CONTAINER NO.	4 - 8	5	A/N		M
LOADING DODAAC	9 - 14	6	A/N		M
COMMODITY/SPECIAL HANDLING ID	15 - 19	5	A/N	For Air, enter 2-digit air commodity code in position 18 - 19.	M
AIR DIMENSION CODE	20	1	A/N	Blank	O
PORT OF EMBARKATION	21 - 23	3	A/N		O
PORT OF DEBARKATION	24 - 26	3	A/N		O
MODE	27	1	A/N		M
TYPE PACK	28 - 29	2	A/N		M
TCN	30 - 46	17	A/N		M
CONSIGNEE DODAAC	47 - 52	6	A/N		M
TRANSPORTATION PRIORITY	53	1	A/N		M
REQUIRED DELIVERY DATE	54 - 56	3	N		M
TAC	57 - 59	3	A/N		M
TCMD DATE SHIPPED	60 - 62	3	A/N	For surface shipments, enter Julian date; for air enter Hour/Date code.	M
ESTIMATED TIME OF ARRIVAL	63	1	A/N	A - Z, 0-9 O/I Excluded	M
BLANK	64 - 67				M
TOTAL PIECES IN VAN	68 - 71	4	A/N	"0001"	
TOTAL WEIGHT OF VAN	72 - 76	5	A/N	POUNDS Reference MILSTAMP for alternative piece/weight/cube construction for values larger than size of field.	M
TOTAL CUBE OF VAN	77 - 80	4	A/N	CUBIC FEET Reference MILSTAMP for alternative piece/weight/cube construction for values larger than size of field.	M
M = Mandatory field O = Optional field					
A = Alpha N = Numeric					

Table A-4, Outsized Dimensions (T_5)

DESCRIPTION	POSITIONS	WIDTH	TYPE/CLASS	REMARKS	
DOCUMENT IDENTIFIER CODE	1 - 3	3	A/N	"T_5" for ATCMD. The 2 nd position the same as the prime data entry (T_1/4, T_2, or T_3).	M
CONTAINER NO. OR PALLET ID/ HOUR/DATE REC'D	4 - 8	5	A/N	Same as prime TCMD, T-0/1	M
MODEL	9 - 14	6	A/N	Blank except for when the shipment unit is an aircraft, vehicle, trailer, or wheeled gun	M
BASIC ISSUE ITEMS	15 - 19	5	A/N	For Government vehicles and trailers, BII is in first three positions and number of pieces in last two. For all others, enter the commodity code from TCMD	M
AIR DIMENSION CODE	20	1	A/N	Blank	O
PORT OF EMBARKATION	21 - 23	3	A/N	Enter value from prime record.	M
PORT OF DEBARKATION	24 - 26	3	A/N	Enter value from prime record.	M
MODE	27	1	A/N	Enter value from prime record.	M
TYPE PACK	28 - 29	2	A/N	Enter value from prime record. For Air, use MANIFEST REFERENCE.	M
TCN	30 - 46	17	A/N	Enter value from prime record.	M
CONSIGNEE DODAAC	47 - 52	6	A/N	Enter value from prime record.	M
TRANSPORTATION PRIORITY	53	1	A/N	Enter value from prime record.	M
CARGO LENGTH	54 - 58	5	N	Inches	M
CONSTANT	59	1	A	"L" Indicates dimensions in position 54-58 is the length	M
CARGO WIDTH	60 - 62	3	N	INCHES	M
CONSTANT	63	1	A	"W" Indicates dimensions in position 60-62 is the width	M
ITEM HEIGHT	64 - 66	3	N	INCHES	M
CONSTANT	67	1	A	"H" Indicates dimensions in position 64-66 is the height	M
OUTSIZED PIECE NO.	68 - 71	4	A/N	Number of pieces to which above dimensions apply. EXCEPT, when shipment unit is a single gov't vehicle, wheeled/tracked gun or aircraft, enter the serial number for the single shipment unit in positions 68-80. If more than one vehicle, leave spaces.	M
OUTSIZED PIECE WEIGHT	72 - 76	5	N	POUNDS, Weight of one of the pieces to which dimensions apply. TCMD prime has total. If multiple gov't vehicles, leave spaces.	M
OUTSIZED PIECE CUBE	77 - 80	4	N	CUBIC FEET, Cube of one of the pieces. TCMD has total. If multiple gov't vehicles, leave spaces.	M
M = Mandatory field		A = Alpha			
O = Optional field		N = Numeric			

Table A-5, Hazardous/Non-Hazardous Materials Trailer Data (T_6)

DESCRIPTION	POSITIONS	WIDTH	TYPE/CLASS	REMARKS	
DOCUMENT IDENTIFIER CODE	1 - 3	3	A/N	"T_6" for ATCMD. The 2 nd position is the same as the prime data entry (T_1/4, T_2, or T_3).	M
CONTAINER NO. OR PALLET ID/ HOUR/DATE REC'D	4 - 8	5	A/N	Enter value from prime record. For Air, enter 2-digit air commodity code in position 18-19.	M
AMMUNITION ROUND COUNT	9 - 14	6	A/N	Total round count or number followed by M (thousands). Leave blank for other than ammunition	M
COMMODITY CODE OR HOUR/DATE SHIPPED/AIR COMMODITY CODE	15 - 19	5	A/N	Enter value from prime record.	M
AIR DIMENSION CODE	20	1	A/N	Blank	O
PORT OF EMBARKATION	21 - 23	3	A/N	Enter value from prime record.	M
PORT OF DEBARKATION	24 - 26	3	A/N	Enter value from prime record.	M
MODE	27	1	A/N	Enter value from prime record.	M
TYPE PACK CODE	28 - 29	2	A/N	Enter value from prime record. For Air, use MANIFEST REFERENCE.	M
TCN	30 - 46	17	A/N	Enter value from prime record.	M
CONSIGNEE DODAAC	47 - 52	6	A/N	Enter value from prime record.	M
TRANSPORTATION PRIORITY	53	1	A/N	Enter value from prime record.	M
STOCK NO.	54 - 66	13	A/N	Enter NSN. If stock no. is not known enter NNSN in positions 54-57, leave 58-66 with spaces.	O
NOMENCLATURE	67 - 80	14	A/N		O
THE FOLLOWING APPLYS FOR HAZARDOUS SHIPMENTS:					
DODIC or "IMO "	67 - 70	4	A/N	DoDIC for TE6/TEF; "IMO" for TJ6/TJF.	M
UNITED NATION CLASS NO.	71 - 72	2	A/N	Contains value "UN" or "NA" if TE6/TEF or TJ6/TJF.	M

DESCRIPTION	POSITIONS	WIDTH	TYPE/CLASS	REMARKS	
BLANK	73	1			M
HAZARDOUS MATERIAL ID NO.	74 - 79	6	A/N	Four digit from IMDGC or other pub if TE/TEF or TJ6/TJF.	M
IMDG COMPATIBILITY CODE	80	1	A/N	For TE6/TEF, enter compatibility group code from IMDGC or 49 CFR.	O
M = Mandatory field O = Optional field					
A = Alpha N = Numeric					

Table A-6, Explosive and Dangerous Articles (T_7)

DESCRIPTION	POSITIONS	WIDTH	TYPE/CLASS	REMARKS	
DOCUMENT IDENTIFIER CODE	1 - 3	3	A/N	"T_7" for ATCMD. The 2 nd position is the same as the prime data entry (T_1/4, T_2, or T_3).	M
CONTAINER NO. OR PALLET ID/ HOUR/DATE REC'D	4 - 8	5	A/N	Enter value from prime record.	M
LOT NET EXPLOSIVE WEIGHT	9 - 14	6	A/N	POUNDS	M
COMMODITY CODE OR HOUR/DATE SHIPPED/AIR COMMODITY CODE	15 - 19	5	A/N	Enter value from prime record.	M
AIR DIMENSION CODE	20	1	A/N	Blank	O
PORT OF EMBARKATION	21 - 23	3	A/N	Enter value from prime record.	M
PORT OF DEBARKATION	24 - 26	3	A/N	Enter value from prime record.	M
MODE	27	1	A/N	Enter value from prime record.	M
TYPE PACK	28 - 29	2	A/N	Enter value from prime record.	M
TCN	30 - 46	17	A/N	Enter value from prime record.	M
CONSIGNEE DODAAC	47 - 52	6	A/N	Enter value from prime record.	M
TRANSPORTATION PRIORITY	53	1	A/N	Enter value from prime record.	M
AMMUNITION LOT NO.	54 - 67	14	A/N		M
LOT PIECES	68 - 71	4	N		M
LOT WEIGHT	72 - 76	5	N	POUNDS	M
LOT CUBE	77 - 80	4	N	CUBIC FEET	M
M = Mandatory field O = Optional field					
A = Alpha N = Numeric					

Table A-7, Household Goods and Baggage Ownership Data (T_8)

DESCRIPTION	POSITIONS	WIDTH	TYPE/CLASS	REMARKS	
DOCUMENT IDENTIFIER CODE	1 - 3	3	A/N	"T_8" for ATCMD. The 2 nd position is the same as the prime data entry (T_1/4, T_2, or T_3).	M
MILSTAMP CONTAINER NO.	4 - 8	5	A/N	Enter value from prime record.	M
CONSIGNOR DODAAC	9 - 14	6	A/N	For POVs: Enter last two digits of POV model year in position 9 - 10 and the first four letters of the POV make in position 11 - 14.	M
COMMODITY/SPECIAL HANDLING ID	15 - 19	5	A/N	Enter value from prime record.	M
AIR DIMENSION CODE	20	1	A/N	Blank	O
PORT OF EMBARKATION	21 - 23	3	A/N	Enter value from prime record.	O
PORT OF DEBARKATION	24 - 26	3	A/N	Enter value from prime record.	O
MODE	27	1	A/N	Enter value from prime record.	M
TYPE PACK	28 - 29	2	A/N	Enter value from prime record.	M
TCN	30 - 46	17	A/N	Enter value from prime record.	M
CONSIGNEE DODAAC	47 - 52	6	A/N	Enter value from prime record.	M
TRANSPORTATION PRIORITY	53	1	A/N	Enter value from prime record.	M
NAME, PROPERTY OWNER	54 - 66	13	A/N		M
INITIALS PROPERTY OWNER	67 - 68	2	A/N		M
OWNER'S GRADE CODE	69 - 70	2	A/N		M
HHGS TYPE SHIPMENT CODE	71	1	A/N		M
NET WEIGHT	72 - 76	5	N	POUNDS, For CONUS activities leave blank.	M
BLANK	77 - 80	4		If ITGBL codes T, J, or 5 enter HHG and baggage carrier SCAC.	M
THE FOLLOWING APPLIES FOR PRIVATELY OWNED VEHICLES (POV):					
POV LICENSE PLATE STATE	71 - 72	2	A/N	If none, enter "NO".	M
POV LICENSE PLATE NUMBER	73 - 77	5	A/N		M
POV COLOR	78 - 80	3	A/N		M
M = Mandatory field O = Optional field					
A = Alpha N = Numeric					

Table A-8, Miscellaneous Trailer Data (T_9)

DESCRIPTION	POSITIONS	WIDTH	TYPE/CLASS	REMARKS	
DOCUMENT IDENTIFIER CODE	1 - 3	3	A/N	"T_9" for ATCMD. The 2 nd position is the same as the prime data entry (T_1/4, T_2, or T_3).	M
CONTAINER NO. OR PALLET ID/ HOUR/DATE REC'D	4 - 8	5	A/N	Enter value from prime record.	M
BLANK	9 - 14	6			
COMMODITY CODE OR HOUR/DATE SHIPPED/AIR COMMODITY CODE	15 - 19	5	A/N	Enter value from prime record	M
AIR DIMENSION CODE	20	1	A/N	Blank	O
PORT OF EMBARKATION	21 - 23	3	A/N	Enter value from prime record.	M
PORT OF DEBARKATION	24 - 26	3	A/N	Enter value from prime record.	M
MODE	27	1	A/N	Enter value from prime record	M
TYPE PACK	28 - 29	2	A/N	Enter value from prime record.	M
TCN	30 - 46	17	A/N	Enter value from prime record.	M
CONSIGNEE DODAAC	47 - 52	6	A/N	Enter value from prime record.	M
TRANSPORTATION PRIORITY	53	1	A/N	Enter value from prime record.	M
REMARKS	54 - 79	26	A/N	For Army deployments enter "ULN:" in 54 - 57, enter the applicable Unit Line Number in 58 - 63.	M
CARD SEQUENCE NO.	80	1	A/N	Use Alpha characters for the Stop Off cards.	M
FOR MILVANS SEAVANS OR EMPTY CONEXs:					
VAN ZIP CODE	9 - 14	6	A/N	"X" followed by the five digit ZIP code for the van's point of origin	M
COMMODITY CODE	15 - 19	5	A/N	Same as prime TCMD, T_2 or T_3. IF the container is a reefer van, enter an "F" followed by the temperature or temperature range required to properly maintain the cargo.	O
MILVAN/SEAVAN/CONEX INDICATOR	27	1	A/N	"V"	M
VAN LENGTH	28 - 29	2	A/N	Length of van ordered, in feet. For empty vans, enter the actual van length in feet. For empty CONEX, enter type Pack Code	M
VAN INDICATOR	54 - 55	2	A/N	"VN"	M
CONTAINER NUMBER	56 - 63	8	A/N	Enter number marked on container. Left zero fill.	M
FILLER	64	1	A/N	Enter "-"	M
CHECK DIGIT	65	1	A/N	Check digit marked on the container. If the container does not have a check digit, leave a space.	M
SEAL NUMBER	66 - 73	8	A/N	If less the 8 characters left fill with zeros ("0").	M
OCEAN CARRIER CODE	74 - 77	4	A/N	For loaded vans, enter the ocean carrier code, otherwise leave spaces.	M
BEAM ASSEMBLIES	78 - 80	2	N	For MILVANS enter the quantity of mechanical bracing systems in the MILVAN. Otherwise leave spaces.	O
FOR MILVANS SEAVANS OR EMPTY CONEXs: Use the MILVANS SEAVANS or EMPTY CONEXs first then over lay with the following elements:					
STOP OFF NUMBER	54 - 59	6	A/N	"STOP" and the stop-off number, e.g., STOP01.	M
STOP DODAAC	60 - 65	6	A/N	The DoDAAC of the stop-off indicated in pos. 54-59.	M
BLANK	66 - 67	2	A/N	Leave spaces.	M
STOP OFF NUMBER	68 - 73	6	A/N	"STOP" and the stop-off number, e.g., STOP01.	O
STOP DODAAC	74 - 79	6	A/N	The DoDAAC of the stop-off indicated in pos. 68-73.	O
M = Mandatory field O = Optional field	A = Alpha N = Numeric				

Appendix B, Acronyms

Acronym	Description
ACD	Automated Cargo Documentation Detachment
AIS	Automated Information System
ASCII	American Standard Code for Information Interchange
ATCMD	Advance Transportation Control and Movement Document
CCB	Configuration Control Board
CM	Configuration Management
CONUS	Continental United States
COTS	Commercial-off-the-Shelf
DASP-E	Department of the Army Standard Port System - Enhanced
DES	Data Encryption Standards
DISN	Defense Information System Network
DOD	Department of Defense
DOS	Disk Operating System
DTS	Defense Transportation System
FORSCOM	[US Army] Forces Command
FTP	File Transfer Protocol
GTN	Global Transportation Network
IA	Interface Agreement
IBS	Integrated Booking System
ILSP	Integrated Logistic Support Plan
IP	Internet Protocol
ITO/TMO	Installation Transportation Office/ Traffic Management Office
ITV	In-Transit Visibility
JDC	Joint Deployment Community
JPMO	Joint Program Management Office
LAN	Local Area Network
MED	Mediterranean Prototype
MTMC	Military Traffic Management Command
OCONUS	Outside the Continental United States
ORD	Operational Requirements Document
PC	Personal Computer
PEO	Program Executive Office
PMO	Program Management Office

Acronym	Description
POE	Port of Embarkation
RSO&I	Reception, Staging, Onward Movement, and Integration
SBU	Sensitive but Unclassified
SMTP	Simple Mail Transfer Protocol
STAMIS	Standard Army Management Information Systems
TC-AIMS II	Transportation Coordinators' Automated Information for Movement System II
TCMD	Transportation Control and Movement Document
TCN	Transportation Control Number
TERMS	Terminal Management System
TOA	Transportation Operating Agency
TSM	Terminal Support Module
TTU	Transportation Terminal Units
UMO	Unit Movement Office/Officer
WPS	Worldwide Port System