APPENDIX W

IN-TRANSIT DATA REPORTING

A. PURPOSE

This appendix provides the guidance and details necessary for shipments that are normally processed through the Defense Transportation System (DTS) (i.e., shipper, trans-shipper, port of embarkation [POE], port of debarkation [POD], breakbulk point [BBP], Theater Distribution Center [TDC], and receiver). The procedures contained in this appendix apply to reporting shipments for the Army and may be modified as agreed between the Army and shippers, trans-shippers, POE, POD, BBP, TDC, and receivers. The procedures outlined in this appendix do not apply to any shipments by the Defense Logistics Agency.

B. INPUT TO LOGISTICS REPORTS

The data collected using these procedures provides input to uniform defense-wide logistics performance reports:

1. Validation or revision of the Time Definite Delivery (TDD) standards.
2. Evaluation of performance against TDD time standards.
3. Evaluation of performance of each segment of the logistics pipeline by point to point and carrier performance reports.
4. Determination of supply systems workload and materiel availability.
5. Analysis of the use of issue and logistics movement priorities.
6. Provide in-transit data to support distribution planning.
7. Provide a basis for logistics and distribution analysis.

C. IN-TRANSIT DATA REPORTING

Department of Defense activities report in-transit data for use in measuring distribution performance in the movement of DTS sustainment shipments. Table W-1 through Table W-8 contain the detailed instructions for preparing in-transit data. The following document identifiers identify the formats and the segments covered:

1. TK4, Bill of Lading (BL) Shipments Within the Continental United States (CONUS) (Table W-1). This format indicates the period from shipment (day of year) by the consignor to receipt (day of year) by the consignee transportation element. The shipper makes all entries on the TK4 (including consignee receipt date) when, under the provisions of Federal Acquisition Regulation-based contracts, electing to use the carrier delivery receipt to obtain the information.
2. TK6, Air Mobility Command Aerial Port of Debarkation (APOD) Receipt and Lift (Table W-2). The TK6 record is the receipt notification for all shipments received at Global Air Transportation Execution System (GATES) sites that include POEs and PODs. This record provides in-transit data, such as the date the shipment arrives at an air terminal, as the shipment enters and flows through GATES. Cargo Movement Operating System (CMOS) surface departures reported to GATES as commercial bills of lading (CBL) will also be reported as TK6 records. The format also allows entry of the date (day of year) received by the consignee or the day of year the Supply Support Activity (SSA) received the shipment. The SSA submits this transaction.

3. TK6, POD Receipt and Lift/Radio Frequency Identification (RFID) TK6/TK4 Close Out (Table W-3). This close-out transaction provides the date (day of year) received by the consignee or the day of year the SSA received the shipment. RFID tag interrogators will send the information to the RF-ITV System. The RF-ITV System will send the data to the Army Logistics Support Activity (LOGSA) in a format agreed upon by the two organizations.
4. TK9, Theater Consolidation and Shipping Point (TCSP) Receipt and Forward (Table W-4). This format indicates the receipt (day of year) at the TDC. The format also includes entry of the date (day of year) the shipment was forwarded to the consignee or (day of year) the SSA received the shipment.
5. TK9, Standard Army Retail Supply System (SARSS) Receipt (Table W-5). The format also allows entry of the date (day of year) received by the consignee or the day of the year the SSA received the shipment. This transaction is submitted by the SSA.
6. Consolidation and Containerization Point (CCP) Receipt Notice (Table W-6). Per Office of the Secretary of Defense (OSD) guidance to eliminate Military Standard (MILS) transactions, the TAW/TAV MILS transaction has been migrated to a new EDI transaction, the Receipt/Shipment Consolidation Notice (SCN). The Receipt Notice documents the receipt of inbound shipment units (SU) and their content line items. The Receipt Notice is transmitted when a package is physically broken down to the content line item document number for receipt; however, any CCP or TDC is required to do a Receipt Notice for all shipments received. If an inbound shipment to the CCP or TDC that does not physically break down (unpacked) to the line item document number for repackaging and onward movement, the Receipt Notice will be generated using line item information available from on-line information systems or external packing list research (i.e., the shipment will not be opened). The A/SPOD, trans-shipper or shipper may prepare a Receipt Notice to document receipt of a SU Transportation Control Number (TCN) and its content line item document numbers when the SU has been unpacked and the content line item document numbers repackaged under a new TCN for onward movement. The Receipt Notice will be prepared IAW Table W-6 and transmitted to Defense Automatic Addressing System (DAAS).
7. SCN (Table W-7). Per OSD guidance to eliminate MILS transactions, the TAW/TAV MILS transaction has been migrated to a new EDI transaction, the Receipt/SCN. Whenever a shipper consolidates two or more SU TCNs into a higher-level SU consolidation, the shipper generates a SCN transaction for routing to the DAAS, IAW with Table W-7. The purpose of the SCN transaction is to provide visibility for all levels of consolidation for shipments in the DTS by linking together the TCNs of nested shipments units in a hierarchical array. The SCN transaction reports the new TCN or TCNs that result from SU TCN-level consolidations; that is, any consolidation that results in another TCN beyond the TCN reported by the origin shipper in the Shipment Status transaction (AS_ or Defense Logistics Management System EDI IC 856S). If an inbound shipment that does not require consolidation to a higher-level SU for repackaging, the SCN is still generated for receipt and ship dates.
8. TAW, TDC Receipt and Forward (Table W-8). To support the ARMY legacy MIL system from the TDC the TAW requirement is produced by the TDC whenever a shipment is received at the TDC and the shipment is re-consolidated and assigned a new TCN. The format includes entry of date (day of year) the shipment was received and forwarded from the TDC.

NOTE: Codes can be accessed by common access card (CAC) holders via the TRANSCOM Reference Data Management (TRDM) system at: https://web.trdm.transport.mil/. From the home page, hover over the Data header tab, then click on DTR from the dropdown to display USTRANSCOM Reference Data for DTR-specific information. They are also accessible by all users, including Department of Defense (DoD) contractors and vendors, through the Defense Transportation Electronic Business (DTEB) website at: https://www.business.ustranscom.mil/cmd/associated/dteb/dod-transportation.cfm and clicking on Reference Data.

Table W-1. TK4, Bill of Lading (BL) Shipments Within the Continental United States (CONUS)

DATA FIELD RP	PROCEDURE
1–3	Enter Document Identifier Code TK4.
4	Leave blank.
5–8	Enter origin carrier Standard Carrier Alpha Code, preceded by blanks if less than four positions.
9–14	Enter the Department of Defense Activity Address Code (DoDAAC) of the consignor.
15–17	Enter the three-position day-of-the-year code for the date shipment received by the Central Receiving Point.
18–26	Leave blank.
27	Enter the method code for movement from the consignor from the TRDM or DTEB website by selecting Transportation Method.
28–29	Leave blank.
30–46	Enter Transportation Control Number or BL number.
47–52	Enter the consignee or transshipper as follows: For shipments with the consignee in the CONUS, enter the consignee DoDAAC. For shipments to a transshipping point: 47–49: Leave blank. 50–52: Enter the air terminal code from the TRDM or DTEB website by selecting Aerial Ports or seaport identifier code by selecting Water Port.
53	Enter the highest transportation priority shown on the BL.
54–59	Leave blank.
60–62	Enter the three-position day-of-the-year code for the date the consignor shipped the materiel.
63–71	Leave blank.
72–76	Enter the total weight of the shipment, preceded by blanks if less than five positions.
77–80	Enter the three-position day-of-the-year code for the date shipment received by the consignee or the Supply Support Activity.

Table W-2. TK6, Air Mobility Command Aerial Port of Debarkation (APOD) Receipt and Lift

DATA FIELD RP	PROCEDURE
1–3	Enter Document Identifier Code TK6.
4–6	Enter Document Routing Identifier Code.
7–12	Enter Department of Defense Activity Address Code (DoDAAC) of the consignor.
13–16	Enter the Greenwich Mean Time (GMT) hour/day code for the date the aerial port of embarkation
17	Enter the method code by which the APOE forwarded the shipment to the consignee (from the TRDM or DTEB website by selecting Transportation Method.
18–19	Enter Type Package from the TRDM or DTEB website by selecting Type Pack.
20–22	Enter the air terminal identifier code for the aerial port of debarkation (APOD) from the TRDM or DTEB website by selecting Aerial Ports.

DATA FIELD RP	PROCEDURE
23–29	Enter the shipment pallet number (7th position is 0 filled).
30–46	Enter the shipment unit Transportation Control Number.
47–52	Enter DoDAAC of the consignee.
53–68	Leave blank.
69–72	Enter the GMT hour/day code for the date the APOD received the shipment for the consignee.
73–76	Enter the GMT hour/day code for the date the APOD forwarded the shipment to the consignee.
77–80	Enter the GMT hour/day code for the date the consignee or Supply Support Activity received the shipment.

Table W-3. TK6, POD Receipt and Lift/Radio Frequency Identification (RFID) TK6/TK4 Close Out

DATA FIELD RP	PROCEDURE
1–3	Enter Document Identifier Code TK6.
4–6	Enter Document Routing Identifier Code.
7–12	Enter Department of Defense Activity Address Code (DoDAAC) of the consignor.
13–16	Enter the Greenwich Mean Time (GMT) hour/day code for the date the aerial port of embarkation (APOE) shipped the cargo. (POE JDate.)
17	Enter the method code by which the APOE forwarded the shipment to the consignee from the TRDM or DTEB website by selecting Transportation Method.
18–19	Enter Type Package from the TRDM or DTEB website by selecting Type Pack.
20–22	Enter the air terminal identifier code for the aerial port of debarkation (APOD) from the TRDM or DTEB website by selecting Aerial Ports.
23–29	Enter the shipment Pallet Number (7th position is 0 filled). (Pallet or Container Number.)
30–46	Enter the shipment Unit Transportation Control Number.
47–52	Enter the DoDAAC of the consignee.
53–54	Enter the Radio Frequency (RF) tag label.
55–68	Enter the RF tag identifier.
69–72	Enter the POD Receipt (PODR) JDate.
73–76	Enter the POD Forward (PODF) JDate.
77–80	Enter the SSA Receipt (SSAR) JDate from the XACTION_DTG from the read event.

Table W-4. TCSP Receipt and Forward (TK9)

DATA FIELD RP	PROCEDURE
1–3	Enter Document Identifier Code “TK9”.
4–6	Enter the Document Routing Identifier Code.
7–12	Enter the Department of Defense Activity Address Code (DoDAAC) of the consignor.
13–16	Enter the Greenwich Mean Time (GMT) hour/day code for the date the seaport of embarkation (SPOE) shipped the cargo.
17	Enter the method code by which the seaport of embarkation (SPOE) forwarded the shipment to the consignee TRDM or DTEB website by selecting Transportation Method.

20–22	Enter the seaport terminal identifier code for the SPOD from the TRDM or DTEB website by selecting Water Port.
30–46	Enter the shipment Unit Transportation Control Number.
53	Leave blank.
57–60	Enter the GMT hour/day code for the date the TDC received the shipment.
62–68	Enter the radio frequency tag number.
73–76	Enter the GMT hour/day code for the date the SPOD forwarded the shipment to the consignee.

Table W-5. TK9 SARSS Receipt

1–3	Enter the Document Identifier Code TK9.
7–29	Leave blank.
47–52	Enter the DoDAAC of the consignee.
69–72	Enter the Greenwich Mean Time (GMT) code for the date the SPOD received the shipment for the consignee.
74–77	Enter the GMT hour/day code for the date the consignee or Supply Support Activity received the shipment.

Table W-6. Consolidation and Containerization Point (CCP) Receipt Notice

Receipt Notice Data Element	Procedures
EDI Purpose Code	Insert a code value of “42” to identify this as a Receipt Notice. A Receipt Notice may not be sent in the same transaction as a Shipment Consolidation Notice
Transaction Date	Enter the date of the notice in Coordinated Universal Time (UTC), also known as Greenwich Mean Time (GMT), using format CCYYMMDD
Transaction Time	Enter the time of the notice in UTC, using format HHMM.
Start Loop for each individual Document Number (only one document number per Receipt Notice transaction)	

RECEIPT NOTICE DATA ELEMENT	PROCEDURES
Quantity	Enter the line item quantity shipped to the consolidation location as indicated by the DD Form 1348-1A, the packing list, or other shipping documents used to identify the shipment's contents.
Unit of Issue	For the line item quantity reported, enter the line item unit of issue as indicated by the DD Form 1348-1A, the packing list, or other shipping documents used to identify the shipment's contents.
Transportation Control Number (TCN)	Enter the shipment TCN of the SU containing the document number being reported. If the shipment TCN has been unitized for movement within a higher level consolidated SU intermediate TCN or conveyance TCN, only report the shipment TCN.
Document Number	Enter the requisition document number, contract number, purchase order number, or other document number for an individual line item in the shipment. Do not include a DLMS requisition document number suffix in this entry. Only one document number shall be identified in each Receipt Notice transaction.
Document Number Suffix	Enter the requisition document number suffix, if available.
Receipt Date	Enter the actual receipt date in UTC using format CCYYMMDD.
Routing Identifier Code (RIC)	Enter the RIC of the Inventory Control Point, if available, as identified by the DD Form 1348-1A, which originated the Material Release Order.
Consignee DoDAAC	Enter the ultimate consignee DoDAAC for the line item document (see Document Number).
Consolidation Location Indicator	Indicator Enter the applicable code to indicate the type of activity processing the receipt for onward movement. "CP" = CCP; "HB" = Hub; "ZZ" = Other than CCP or Hub.
Consolidation Location DoDAAC	Enter the DoDAAC of the consolidation activity receiving the TCN for onward movement.
End Loop for each individual Document Number	

Table W-7. Shipment Consolidation Notice

SHIPMENT CONSOLIDATION NOTICE DATA ELEMENT	PROCEDURES
EDI Purpose Code	Insert a code value of "ZZ" to identify this as a Shipment Consolidation Notice. A Shipment Consolidation Notice may not be sent in the same transaction as a Receipt Notice
Transaction Date	Enter the date of the notice in Coordinated Universal Time (UTC), also known as Greenwich Mean Time (GMT), using format CCYYMMDD
Transaction Time	Enter the time of the notice in UTC, using format HHMM.
Loop Type	Indicate the type of loop for which the data applies. Use an "S" to indicate a shipment loop for data being reported as SU information. Use a "P" to identify a pack loop for the SU's piece of pieces information; the pack loop is subordinate to the shipment loop or to another pack loop if reporting nested RFID tag information. Use an "I" to identify line item loop information; the line item loop is normally subordinate to a pack loop. "I" = Line Item; "P" = Pack;
Start Shipment Loop(s)	
Total Pieces	Enter the total number of pieces in the shipment. For split and partial shipments, this number may be different than the total number of pieces in the SU as documented by the Pieces number in the Military Shipping Label's Piece of Pieces (see Pack Subloop).

SHIPMENT CONSOLIDATION NOTICE DATA ELEMENT	PROCEDURES
Transportation Control Number (TCN)	Enter the TCN of the SU. Start with the highest level conveyance TCN for a consolidation (e.g., container or 463L pallet); repeat the loop and its associated pack and line item loops, as required, to document all levels of intermediate TCNs and shipment TCNs.
Transportation Priority	Enter the transportation priority of the highest level SU consolidation (e.g., container or 463L pallet).
Ship Date	Enter the actual ship date of the highest level SU consolidation (e.g., container or 463L pallet) in UTC using format CCYYMMDD.
CCP Code	As applicable, enter the DTR code for the CCP from the TRDM or DTEB website.
Consignee DoDAAC	Enter the consignee DoDAAC for the SU TCN (described in the loop instance).
Consolidation Location Indicator	Enter the applicable code to indicate the type of activity processing the receipt for onward movement. “CP” = CCP; “HB” = Hub; “ZZ” = Other than CCP or Hub.
Consolidation Location DoDAAC	Enter the DoDAAC of the consolidation activity receiving the TCN (described in the loop instance) for onward movement.
Port of Embarkation (POE)	Enter the POE code for the highest-level consolidation SU from the TRDM or DTEB website by selecting Aerial Ports or Water Port.
Port Consolidation Terminal	If the port is serving as a consolidation activity, enter the port code from the TRDM or DTEB website and select Aerial Ports, or for water port select Water Port.
End Shipment Subloop	
Start Pack Subloop (P)	
Piece Number	Enter the piece number if line item information or RFID tag information is available at the piece number level of resolution. Enter the information and repeat the pack loop and its associated line item loop, if required, until each piece number’s related data has been documented.
Total Pieces	If piece number is entered, enter the total number of pieces in the SU or the SU increment. This is the second number in the MSL’s Piece of Pieces entry (e.g., 2 of 5). RFID Tag # As applicable, enter the RFID tag number for the piece.
End Pack Subloop	
Start Line Item Subloop (I)	
NOTE: The line item subloop data element reporting requirements are conditional. DLA CCPs will always report available line item subloop information. All other transshippers are only required to report line item subloop information when a line item has been unpacked to the document number level and repacked under a new shipment TCN.	
Quantity	Quantity Enter the actual quantity packaged and shipped for the line item requisition document number, the packing list, or the other shipping documents used to identify the shipment’s contents. This information is for the individual piece as identified by the parent pack loop or shipment loop for the SU or SU increment.
Unit of Issue	Enter the line item unit of issue as indicated by the DD Form 1348-1A, the packing list, or other shipping documents used to identify the shipment’s contents.
Document Number	Enter the requisition document number, contract number, purchase order number, or other document number for an individual line item in the shipment. Do not include a DLMS requisition document number suffix in this entry.
Document Number Suffix	Enter the requisition document number suffix, if available.

SHIPMENT CONSOLIDATION NOTICE DATA ELEMENT	PROCEDURES
Routing Identifier Code (RIC)	Enter the RIC of the Inventory Control Point, if available, as identified by the DD
Receipt Date	Enter the actual receipt date of the document number in UTC using format CCYYMMDD. If a Receipt Notice was generated for this document number, the receipt dates must match.
End Line Item Subloop End Loop	

NOTE: See the Defense Transportation Electronic Business Committee website at https://www.business.ustranscom.mil/cmd/associated/dteb/dod-transportation.cfm for the programming requirements of the 856A Implementation Convention and its associated XML schemas.

Table W-8. TAW, TDC Receipt and Forward

DATA FIELD RP	PROCEDURE
1–3	Enter Document Identifier Code TAW.
4–6	Enter Document Routing Identifier Code.
7	Enter Shipment Type (H) if HUB shipment. (Shipment type is based on the shipper's location.)
8–24	Enter old Transportation Control Number (TCN) (assigned by the CCP).
25–29	Enter shipment quantity.
30–43	Enter the document number.
44	Enter the suffix.
45–50	Enter the supplementary address.
51–53	Enter the three-position day-of-year code for the date the Theater Distribution Center (TDC) received the materiel.
54–56	Enter the three-position day-of-year code for the date the TDC shipped the materiel.
57–59	Enter the Project Code.
60	Enter Transportation Priority Number.
61–77	Enter the TCN assigned by the TDC.
78–80	Enter the port of embarkation.