

DEFENSE TRANSPORTATION ELECTRONIC BUSINESS COMMITTEE

MEETING MINUTES 19 JULY 2016

INTRODUCTION

The Defense Transportation Electronic Business (DTEB) Committee convened 19 July 2016. The meeting was chaired by Mr. Jim DeCarli, DTEB Co-Chair, USTRANSCOM J6-C. Meeting facilitator was Mr. Pete Varone, DTEB Support, USTRANSCOM J6-C. Meeting attendance was recorded by the facilitator.¹

Briefing slides from the meeting are posted on the [ITS DTEB website](#). A summary of action items from meeting is located at the bottom of these minutes.

TECHNICAL SECRETARY REPORT (MR. VARONE)

X12 MEETINGS

- The last ASC X12 meeting was held 01-07 June 2016 as a virtual meeting; minutes for all Transportation Subcommittee and task groups have been posted to the [ASC X12 Inc. website](#) for review
- The next meeting of the ASC X12 committee is scheduled for 25-29 September 2016 as a standing meeting in Cincinnati, OH for all Transportation Subcommittee and task group work

X12 MEETING SUMMARY

- X12I (Transportation) reviewed 25 Data Maintenance (DM) Items; majority of DMs for tracking CICA XML message development
- DM 029216 submitted on behalf of USTRANSCOM has been approved and released for member ballot; closing date for the ballot is 01 Aug 16
 - This DM changes the N1 loop repeats in the 219 – Transportation Service Request and 220 – Transportation Service Response transaction sets in support of DFTS requirements
- DM 013115 submitted by Norfolk Southern requests changes to simple data elements 1654 and 1655 min/max attributes from 7/7 to 7/10 to support passing GPS longitude and latitude coordinates in DDDMM.SS or DDDMMSS.SS formats
 - DM adds two new simple data elements for passing GPS longitude and latitude coordinates in decimal degrees format (e.g. 123.4567)

¹ Please contact the DTEB Support Staff (transcom.scott.tcj6.mbx.DTEB-Committee@mail.mil) at USTRANSCOM if you need contact information for any of the Attendees. For a complete list of meeting attendees, members can access the DTEB meeting webpage on the [ITS DTEB Site](#). The list of attendees is at the bottom of the page.

- DM impacts X12 transaction sets 112, 133, 158, 212, 214, 620, and 625
- DM remains deferred pending additional coordination by rail industry
- Due to personnel changes within the coordinating task group and lack of response from the process owners within the rail industry this DM is will likely not be progressed
- DM 032215 submitted by X12C related to changes in support of decoupling code value use from standard version was discussed extensively by X12C, X12I, X12J
 - DM was discussed extensively by X12C, X12I, and X12J
 - Adds verbiage to X12.6 – Application Control Structure
 - Based on disapproval votes at the September 2016 meeting, modified verbiage was submitted
 - Subcommittees I (Transportation), F (Finance), and N (Insurance) all disapproved of the modified verbiage based on the fact that practice does not uphold the purpose of a standards setting body
 - DM will continue to be progressed through X12C and coordinated with DLMSO and USTRANSCOM as necessary
- Context Inspired Component Architecture (CICA) XML development issues
 - ASC X12 Board of Directors has elected to discontinue support for CICA XML development
 - Isomorphic XML schema based on X12 EDI standard to replace CICA XML development
 - Remaining XML related DM items will likely be withdrawn
 - Three DM items were withdrawn that requested modification to the CICA design rules and development tools
- Next X12 Meeting Issues:
 - Code value decoupling verbiage
 - Isomorphic XML schema development
 - Elections for X12I – Transportation Subcommittee chair and vice chair

DFTS CONTRACT STATUS

- 30 Dec 15 DFTS contract award announced
- 11 Jan 16 protests submitted
- 15 Apr 16 protest period end; protest upheld
- 01 May 16 protest corrective actions completed
- Early September 2016 estimated new contract award date
- Work by the PM, SE IPTs, and DOD systems continues

REVIEW OF NOVEMBER DTEB MEETING MINUTES

- The DTEB Committee reviewed and approved the February 2016 meeting minutes as submitted

DM & IC UPDATE (MR. ARONIN)

DATA MAINTENANCE REVIEW

DM 1216

- Affected IC: 300A - Reservation (BOOKING) (OCEAN)
- In the L505, DE 103 at Index 19-05 request the following changes to the DOD definitions of X12 codes:
 - VEH == Vehicles == Use 'VEH' to denote Vehicles Inoperable (INOP)
 - WHE == On Own Wheel == Use 'WHE' to denote Self Propelled
- Status: Approved by member vote 19 February 2016; implemented in 300A Version 11

DM 1217

- Affected IC: 858R – Freight Bill of Lading Information
- In section 6 on the table for Accessorial/Protective Service for Motor Shipments used in the H301, DE152 at index [32-01] and the L108, DE150 at index [173-08] add the following X12 codes with associated DOD definitions:
 - Z01 == Protective Service Rule 25 == Motor Surveillance (1-hour calls)
 - Z04 == Protective Service Rule 75 == Motor Surveillance (4-hour calls)
 - Z08 == Protective Service Rule 165 == Motor Surveillance (8-hour calls)
- For each of these codes add a DOD implementation note that reads: "Only available for use on CONUS based motor freight movements where Satellite Motor Surveillance (code SNS) is not applied."
- Status: Approved by member vote 14 March 2016; implemented in 858R Version 9

DM 1218

- Affected IC: 858B - Transportation Control and Movement Document (TCMD)
- In the L007, DE184 at index [191-07] in data group 9801 remove the code N - Cubic Inches and add the code E - Cubic Feet
- Status: Approved by member vote 14 March 2016; implemented in 858B Version 5

DM 1219

- Affected IC: 300A Reservation (BOOKING) (OCEAN)
- In the Y208, DE464 at index [5-08] change the implementation note to read: "These are the conveyance service codes, TCN positions 15-17, as described in Code Source 350, Defense Transportation Regulation (DTR), 4500.9-R-Part II, Appendix L. This manual can be obtained from the United States Transportation Command web site at <http://www.transcom.mil/dtr/index.cfm>."
- Status: Approved by member vote 13 November 2015; implemented in 300A Version 11

DM 1220

- Affected IC: 220D – 3rd Party Logistics Transportation Service Response
- Flag the ITA segment at table/position 1/090 as used, with usage requirement as 'Conditional', at (new) index [10] and renumber all subsequent indices; apply DOD segment name of 'Time-Definite Service Level'. Add segment condition note that reads:

"SEGMENT CONDITION: Only used for DFTS shipments where Time-Definite Service Level requirements are met. If used, the N722 - Equipment Type code must equal 'QQ'."

- In the ITA segment at (new) index [10-01] flag the ITA01, DE 284 as used, with usage requirement as mandatory, and DOD usage name of 'Time-Definite Service Level Indicator'. Add the following X12 code 'S - Service'.
- In the ITA segment at (new) index [10-03] flag the ITA03, DE 560 as used, with usage requirement as mandatory, and DOD usage name of 'Time-Definite Service Code'. Add the following X12 codes with DOD definitions:
 - D1 == One - Day Service
 - D2 == Two - Day Service
 - DA == Delivery Acknowledgment == Three – Day
- Status: Approved by member vote 11 April 2016; implemented in 220D Version 3

DM 1221

- Affected IC: 300A – Reservation (BOOKING) (OCEAN)
- In the H301, DE 152 at index 15-01 and in Section 6 for the Special Handling Code, add the following X12 codes and associated DOD definitions (* denotes code borrowed from DE 150):
 - * 075 == Air Express Charge == 75% Ocean Differential – 20 From 40
 - * 085 == Airline Opening Fee == 85% Inland Differential - 20 From 40
- Status: Approved by member vote 20 April 2016; implemented in 300A Version 11

DM 1222

- Affected IC: 858R – Freight Bill of Lading Information
- In the N9 Segment of the HL loop, request to add 2 indices for the shipment unit level contract number and purchase order number. Indices should be added after the Requisition Number and before the TCN.
- Status: Approved by member vote 29 April 2016; implemented in 858R Version 10

DM 1223

- Affected IC: 219D – 3rd Party Logistics Transportation Service Request
- In Section 6 for the ITA13, DE 352, at index [5-13] added numerous codes for various Accessorial / Protective Service Tables
- Status: Approved by member vote 20 November 2015; implemented in 219D Version 3

DM 1224

- Affected IC: 220D– 3rd Party Logistics Transportation Service Response
- In Section 6 for the L901, DE 150, at index [10-01] added numerous codes for various Accessorial / Protective Service Tables
- Status: Approved by member vote 20 May 2016; implemented in 220D Version 4

DM 1225

- Affected IC: 858R– Freight Bill of Lading Information
- In Section 6 for the H301, DE 152, at index [32-01] and L108, DE 150, at index [173-08] added numerous codes for various Accessorial / Protective Service Tables
- Status: Approved by member vote 20 May 2016; implemented in 858R Version 10

DM 1226

- Affected IC: 219D – 3rd Party Logistics Transportation Service Request
- In Section 6 for the N722, DE 24, at index [8-22] add the following codes under the Type of Equipment table for Motor and TOFC:
 - AF4 == Flat bed w/Conestoga trailers 30 ft and less
 - AF5 == Flat bed w/Conestoga trailers 31-40 ft
 - AF6 == Flat bed w/Conestoga trailers over 40 ft
- Status: Approved by member vote 20 May 2016; implemented in 219D Version 3

DM 1227

- Affected IC: 220D – 3rd Party Logistics Transportation Service Response
- In Section 6 for the N722, DE 24, at index [13-22] add the following codes under the Type of Equipment table for Motor and TOFC:
 - AF4 == Flat bed w/Conestoga trailers 30 ft and less
 - AF5 == Flat bed w/Conestoga trailers 31-40 ft
 - AF6 == Flat bed w/Conestoga trailers over 40 ft
- Status: Approved by member vote 20 May 2016; implemented in 220D Version 4

DM 1229

- Affected IC: 304B – Verified Shipping Instruction (VSI) Notification
- Add new occurrence of N9 segment at index [7] as 'Conditional' with DOD data name of "Verified Gross Mass (VGM) Method" and renumber all subsequent indices. Add segment condition note that reads: "Used to identify the method for obtaining VGM of containerized shipments in support of the International Maritime Organization (IMO) Safety of Life at Sea (SOLAS) requirements."
- Add new N901, DE 128, at index [7-01] as 'Mandatory' with DOD attributes of ID, 2/2, and DOD data name of "Verified Gross Mass Weight Method Qualifier". Add the following X12 code with DOD definition:
 - WM == Weight Agreement Number == Verified Gross Mass Weight Method
- Add new N902, DE 127, at index [7-02] as 'Mandatory' with DOD attributes of AN, 1/1, and DOD data name of "Verified Gross Mass Weight Method". Add DOD usage note that reads: "Use '1' to indicate that VGM was obtained by certified scale weight after the container has been packed/stuffed. Use '2' to indicate that VGM was obtained by calculation using the commodity weight + dunnage weight + container tare weight. See International Maritime Organization (IMO) amendment to the International Convention for the Safety of Life at Sea (SOLAS) Chapter VI, Part A, Regulation 2 - Cargo information for complete details."
- Status: Approved by member vote 29 June 2016; implemented in 304B Version 3

DM 1230

- Affected IC: 304B – 3rd Party Logistics Transportation Service Response
- Add new G61 segment at index [12] as 'Conditional' with DOD data name of "Verified Gross Mass (VGM) Certifying Official" and renumber all subsequent indices. Add segment condition note that reads: "Required for all containerized shipments being transported by ocean going conveyance in support of the International Maritime

Organization (IMO) Safety of Life at Sea (SOLAS) requirements. Used to identify the certifying official's name, representing the shipping entity, responsible for the VGM."

- Add new G6101, DE 366, at index [12-01] as 'Mandatory' with DOD attributes of ID, 2/2, and DOD data name of "Verified Gross Mass Certifying Official Qualifier". Add the following X12 code with DOD definition:
CE == Certifier == Verified Gross Mass Certifying Official
- Add new G6102, DE 93, at index [12-02] as 'Mandatory' with DOD attributes of AN, 1/60, and DOD data name of "Verified Gross Mass Certifying Official Name"
- Add new G6103, DE 365, at index [12-03] as 'Mandatory' with DOD attributes of ID, 2/2
- Add the following X12 code and definition:
TE == Telephone
- Add new G6104, DE 364, at index [12-04] as 'Mandatory' with DOD attributes of AN, 1/80
- Status: Approved by member vote 29 June 2016; implemented in 304B Version 3

DM 1231

- Affected IC: 304B – Verified Shipping Instruction (VSI) Notification
- In the N703 at index [20-03] replace the element note that reads: “Cargo + dunnage (does not include weight of container or chassis).” with an element note that reads: “If N704 equals ‘CE’ this will be the combined weight of Cargo + dunnage (does not include weight of container or chassis). If N704 equals ‘A6’ this will be the Verified Gross Mass (VGM) of the shipment (includes cargo + dunnage + container tare weight).”
- In the N704 at index [20-04] add the code value 'A6' to include the following DOD definition:
A6 == Verified Gross Mass
- Status: Approved by member vote 29 June 2016; implemented in 304B Version 3

DM 1228 ADJUDICATION (MR. DECARLI)

Mr. DeCarli led the committee in a discussion of the requested changes and ballot comments received during voting on DTEB DM 1228. This DM requested modifications to the 315A – Status Detail (Ocean) DTEB IC. Mr. Aaron Slaughter, MITRE support to IGC and submitter of the DM provided a brief overview of the requested changes and reason for change.

- In the B411, DE310 at index [2-11], Location Identifier, add the following remark:
 - c. When identifying locations for B4 events that match one of the four mandatory R4 Port or Terminal loops – Consignor, Port of Embarkation (POE), Port of Discharge (POD), and Consignee – use the following formats. For DODAACS (associated with Consignor (R401 = “O”) and Consignee (R401 = “R”) Port or Terminal function): “DODAAC [actual DODAAC of the consignor/consignee]”; both components are required and should be separated by a space. Example: “DODAAC SW3185”. For MILSEA Water Port Codes (associated with POE (R401 = “L”) and POD (R401 = “1”) Port or Terminal function): “MILSEA [actual MILSEA port code of the POE/POD]”. Example: “MILSEA 1G9”.
- In the R402, DE309 at index [5-02], Location Qualifier, add the following remark:

- Use of “IM” to denote DoD water port code is mandatory when R401 = “1” or “L”.
- In the R406, DE174 at index [5-06], Terminal name, add the following remark: The Consignor DODAAC is Mandatory.
- In the R4 segment at index [5], R4 SEGMENT – Port Identification, add the following remark:
 - There should be an R4 loop for the activity location for B4 event.
- In the R401, DE115 at index [5-01], Port or Terminal Function Code, add the following remark under 5 – Activity Location (Operational):
 - Use 5 to denote the activity location for the event reported in the B4 segment.

The following reasoning for requesting these changes was provided by the DM submitter:

- Functional users of IGC data require the DODAAC for shipment consignee and consignor events, as well as the MILSEA code for shipment POE and POD events. Currently the POE and POD are not mandatory for POE and POD port function codes. Nor is the DODAAC mandatory for consignors. Finally, because the DODAAC, POE, and POD codes are only specified in the R4 (Port or Terminal) segment and not in the B4 (event) segment, there is no feasible way to match the event (from the B4) with the Port or Terminal (in the R4) – which is required in order to identify the port or terminal code (MILSEA or DODAAC) associated with the B4 event. Thus, in order to determine the DODAAC, POE, or POD code associated with the B4 event, the Codes need to be reported in the B4 segment. Adding the Activity Location (“5”) in the R4 will also help provide the location information (City, Port, Terminal Name, etc.) associated with the B4 event. Without the Activity Location, there is no way to reliably identify which R4 loop corresponds to the B4 segment.
- The "affected systems" listed above is a bit misleading - it is not just IGC - it is IGC, IGC web services, IGC web service consumers (e.g. GCCS, GCSS, SMS, etc.) - in essence any system that consumes data from IGC - over 30 systems consume data from IGC.

The following ballot comments were submitted during the voting process:

- DM is not clear whether the requirement to include the DODAAC or MILSEA Code in the B411 is in addition to the required City State/ Province GENC Country Code required for non-airport moves. The assumption is that the DODAAC/MILSEA would be provided in lieu of the current (non-airport) format, as per the examples provided. If this is the case, SDDC business systems modifications would be required in order to decipher and display the DODAAC/MILSEA information received in the B411 in a manner consistent with current reporting requirements.
- The business rules and purpose for implementing the “activity” location in an additional R4 loop is also unclear. It is the position of SDDC that the activity location for a status event should be reported in the same segment as the event – in this case, the B4. The definition of the B411 is “a free-form text for the actual location of the event”. It is almost as if this DM is repurposing current usage of the B411 and then adding another segment (R4*5) to provide the information that the B411 provides today.

- It is understood that the reason for submission of this DM is to provide a mechanism for IGC to “identify the port or terminal code (MILSEA or DODAAC) associated with the B4 event”. Since the B4 segment does not explicitly provide a location for reporting this information, it is recommended that an N9 occurrence be added in lieu of the changes proposed for the B411 and the additional R4 loop (R4*5). For Example: N9*0N*MILSEA 1G9, where the N901=0N represents (Port/DODAAC) information associated to the event reported in the B403.
- Utilization of an N9 segment to provide the DODAAC/MILSEA value would have less impact to SDDC and Carrier systems. IGC could parse on this segment using the same format that was requested in the proposed B411 modification. As the carrier does not always have the Consignor DODAAC and MILSEA Code at the time the 315 is generated, the carrier would be HIGHLY ENCOURAGED to provide the N9 information, when available.
- Although GFM does not use the DTEB 315.A.004010 STATUS DETAILS (OCEAN) IC, we concur with [the SDDC] assessment. Using a code to identify an entity and/or geographic location is more accurate than an in-the-clear name, which lacks standardization. We agree, the N9 Segment is best suited for conveying this info.
- Concur with SDDC. Utilization of an N9 segment to provide the DODAAC/MILSEA value would have less impacts to SDDC [IBS] and Carrier systems vice the B4 segment.
- Codes for location are vital in that free text has caused many ambiguities [example were provided in the ballot comments] in the 315 making it next to impossible to produce consistent and valid results.

Discussion:

Mr. Slaughter advised that, based on these ballot comments and internal coordination within the IGC PMO, they agreed that adding the N9 occurrence to provide the code associated with the free form text location name provided in the B4 is a viable solution.

Additional conversation was held regarding the impact of this change on Data Quality Action Tracker item 332. This issue was directed to the Data Quality Work Group by the IGC PMO to address issues with inaccurate and/or incomplete data in the 315 – Status Detail (Ocean) transactions received at IGC. It was agreed that implementation of the proposed change will improve data quality issues, especially those related to action tracker item 332. At this time the DQWG support staff will place this ticket in a hold status and continue to monitor data quality issues until after implementation of the proposed modification for effectiveness.

Resolution:

Based on the discussion and agreement of the committee members, DM 1228 was withdrawn by the submitter. Mr. Slaughter agreed to draft new DM verbiage to modify the N9 segment, adding reference information for the applicable DODAAC or MILSEA code associated to the event location reported in the B4 segment of the 315 transaction set. The proposed verbiage will be coordinated with SDDC G6 and DTEB leadership for concurrence prior to submission on the DTEB web site.

- ACTION ITEM: Mr. Slaughter to draft new DM verbiage and coordinate with the SDDC and DTEB for concurrence prior to submission on the DTEB web site.

SOLAS UPDATE (MR. VARONE)

- Changes applied to 304B – Verified Shipping Instructions
 - See DM/IC update for DMs 1229 - 1231
- SOLAS IWG working on DTR changes
 - DTR changes likely to impact 858B – TCMD & 858R – Freight Bill of Lading ICs
- Enforcement date 01 Jul 16
 - No known issues reported or observed by DTEB
- Based on US Coast Guard ruling, Port/Terminal operators approved to provide VGM to carriers

NIEM UPDATE (MR. DECARLI)

- DTEB leadership continues to remain engaged with the NIEM CCB process
- Next NIEM CCB meeting scheduled to occur in October 2016, no definitive date set

Discussion:

- Ms. Laura Campbell, MITRE support to SDDC G6, noted under the Maritime domain instances of standard terms using TRDM as the data source
 - Data definitions, while closely matched, did not use the exact same term definitions found in TRDM
 - Concerns were raised regarding the re-use of USTRANSCOM reference data that did not use the complete matching term definitions
- Discussion was held regarding the use of NIEM within DoD transportation process IAW DODI 8320.07
 - Excludes systems that are already established and using existing data exchange standards
 - NIEM impact minimal to USTRANSCOM based on DODI 8320.07

OPEN DISCUSSION

Ms. Campbell brought forward an informational item regarding need for additional (new) accessorial service codes in support of GFM requirements for Small Package/Express Bills of Lading. Contract negotiations are still under way and accessorial services are still being addressed. Once identified, DTEB DM will be submitted to request new codes be added to the applicable ICs.

ACTION ITEM REVIEW

The committee was updated on the status of the following action items from the February 2016 meeting.

- Modify 858B Unit of Measure (AI # 2016001)
 - Status: Complete
 - Implementation of DTEB DM 1218 which modified the qualifier code list removing cubic inches and adding cubic feet
- DTEB STG Meeting for 858M & 858B (AI # 2016002)
 - Status: Complete
 - DTEB Support Staff facilitated the Synchronization Task Group meeting on 29 Mar 16 to discuss implementation of changes to the 858M and 858B for UOM used on total cube of 463L pallets
- Archive 219C and 220C ICs (AI # 2016003)
 - Status: Complete
 - DTEB Support Staff archived the 219C and 220C DTEB ICs and submitted ASC X12 DM requesting change of the N1 loop repeats in both transaction sets from 1 to 10 IAW DTEB Committee discussion
- 858E & 858R IC Example Chapter Corrections (AI # 2016004)
 - Status: In Progress
 - DTEB Support Staff to implement correction to the 858E and 858R IC example chapters IAW the IC defined requirements
 - Changes have been identified but not yet implemented
- Container Service Code DM (AI # 2016005)
 - Status: Complete
 - DTEB Support Staff coordinated with SDDC G6 on DTEB DM #1219 correcting implementation notes on the Y208 of the 300A IC

The following is a summary of action item taken during this meeting:

- **ACTION ITEM:** Mr. Slaughter to draft new DM verbiage and coordinate with the SDDC and DTEB for concurrence prior to submission on the DTEB web site.

REMINDER: All action items are posted on the ITS DTEB web site and updated as work is progressed or reported to the DTEB Support Staff.

WRAP UP, NEXT STEP, NEXT MEETING

- Next Meeting
 - 25 October 2016
 - Location: Scott AFB, IL area with DCS and bridge line virtual options provided
- The meeting was adjourned at 1005L hours