Department of Defense
DIRECTIVE

SUBJECT: Defense Logistics Management Standards (DLMS)

References: See Enclosure 1

1. <u>PURPOSE</u>. This directive:

a. Reissues DoD Directive (DoDD) 8190.1 (Reference (a)) to establish the DLMS as the DoD standard for transactional information exchanges among the automated information systems (AISs) that comprise assigned business processes of the DoD logistics and global supply chain management system.

b. Designates the Director, Defense Logistics Agency (DLA), as the DoD Executive Agent for DLMS in accordance with DoDD 5101.1 (Reference (b)).

c. Assigns responsibilities for the direction, management, and execution of the DLMS.

2. <u>APPLICABILITY</u>

a. This directive applies to OSD, the Military Departments, the Office of the Chairman of the Joint Chiefs of Staff and the Joint Staff, the Combatant Commands, the Office of the Inspector General of the Department of Defense, the Defense Agencies, the DoD Field Activities, and all other organizational entities within the DoD (referred to collectively in this directive as the "DoD Components").

b. This directive may be adopted by the following organizations conducting logistics business operations with DoD:

(1) Non-government organizations, both commercial and nonprofit.

(2) Non-DoD federal agencies of the U.S. Government and State and local government entities.

(3) Foreign national governments.

(4) International government organizations.

3. <u>POLICY</u>. It is DoD policy that:

a. DLMS is the DoD standard for electronic data interchange (EDI) (transactional information exchanges) among the AISs that comprise assigned business processes of the global supply chain management system.

b. The American National Standards Institute (ANSI) Accredited Standards Committee (ASC) X12 (referred to in this directive as ASC X12) is the baseline standard that supports the DLMS transactional information exchanges.

4. <u>RESPONSIBILITIES</u>. See Enclosure 2.

5. <u>RELEASABILITY</u>. **Cleared for public release**. This directive is available on the Directives Division Website at https://www.esd.whs.mil/DD/.

6. <u>SUMMARY OF CHANGE 3</u>. This change is administrative and updates references and organizational symbols to reflect the reorganization of the Office of the Under Secretary of Defense for Acquisition, Technology, and Logistics, pursuant to the July 13, 2018 Deputy Secretary of Defense Memorandum (Reference (c)). Additionally, this change updates office and organizational names within the Defense Logistics Agency.

7. <u>EFFECTIVE DATE</u>. This directive is effective January 9, 2015.

Robert O. Work
Deputy Secretary of Defense

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ENCLOSURE 1

REFERENCES

(a) DoD Directive 8190.1, "DoD Logistics Use of Electronic Data Interchange (EDI) Standards," May 5, 2000 (hereby cancelled)
(b) DoD Directive 5101.1, "DoD Executive Agent," September 3, 2002, as amended
(c) Deputy Secretary of Defense Memorandum, "Establishment of the Office of the Under Secretary of Defense for Research and Engineering and the Office of the Under Secretary of Defense for Acquisition and Sustainment," July 13, 2018
(d) DoD Directive 5134.12, "Assistant Secretary of Defense for Logistics and Materiel Readiness (ASD(L&MR))," May 25, 2000, as amended
(e) DoD Instruction 4140.01, "DoD Supply Chain Materiel Management Policy," March 6, 2019
(f) DoD Manual 4140.01, "DoD Supply Chain Materiel Management Procedures," dates vary by volume
(g) Defense Logistics Manual 4000.25, "Defense Logistics Management Standards," dates vary by volume
(h) DoD Directive 5105.22, "Defense Logistics Agency (DLA)," June 29, 2017
(i) Defense Logistics Manual 4000.25-1, "Military Standard Requisitioning and Issue Procedures (MILSTRIP)," June 13, 2012, as amended
(j) Defense Logistics Manual 4000.25-2, "Military Standard Transaction Reporting and Accountability Procedures (MILSTRAP)," June 13, 2012, as amended
(k) Defense Logistics Manual 4000.25-4, "Defense Automatic Addressing System (DAAS)," June 5, 2012
(l) Section 2222 of Title 10, United States Code
(m) Subpart 53.105 of the Federal Acquisition Regulation, current edition

ENCLOSURE 2

RESPONSIBILITIES

1. UNDERLINE UNDER SECRETARY OF DEFENSE FOR ACQUISITION AND SUSTAINMENT (USD(A&S)). The USD(A&S):

   a. Oversees DLMS as the DoD standard for EDI transactional information exchanges among the AISs that comprise the DoD logistics and global supply chain management system.

   b. In coordination with the DoD Chief Information Officer (DoD CIO) and Joint Staff, ensures that ASC X12 (and any profiles) are kept updated in the DoD Information Technology Standard Registry.

2. ASSISTANT SECRETARY OF DEFENSE FOR SUSTAINMENT (ASD(S)). Under the authority, direction, and control of the USD(A&S) and in accordance with DoDD 5134.12 (Reference (d)), the ASD(S):

   a. Develops and maintains DoD materiel management procedures for DoD standard EDI transactional information exchanges among the AISs that comprise the DoD logistics and global supply chain management system.

   b. Provides direction and oversight through the Director, DLA, with respect to the DLMS global services and DoD supply chain management system in accordance with DoDI 4140.01, DoD Manual 4140.01, and Defense Logistics Manual (DLM) 4000.25 (References (e), (f), and (g)).

3. DIRECTOR, DLA. Under the authority, direction, and control of the USD(A&S), through the ASD(S), in accordance with DoDD 5105.22 (Reference (h)), and in addition to the responsibilities in section 4 of this enclosure, the Director, DLA, in his or her capacity as the DoD Executive Agent for DLMS:

   a. Manages and implements the DLMS.

   b. Resources and manages the DLMS global services providers.

      (1) Resources and manages Enterprise Business Standards Office. The Director, Enterprise Business Management Standards Office:

         (a) Serves as the DLMS change management manager for:

            1. Developing, maintaining, and publishing the DLMS standard business rules in accordance with Reference (f).

2. The DLMS logistics implementation conventions (ICs) of the applicable ASC X12 transaction sets and data standards in Reference (g), DLM 4000.25-1 (Reference (i)), and DLM 4000.25-2 (Reference (j)).

(b) Collaborates with and implements procedures and transactions within the DLMS as requested by and in support of the ASD(S); the Under Secretary of Defense (Comptroller)/Chief Financial Officer, Department of Defense; and the Director, Defense Pricing and Contracting, as appropriate for their respective functional areas.

(c) Provides DoD liaison representation to the ANSI ASC X12 and to other standards bodies as necessary to support the DLMS.

(d) Coordinates with the Defense Transportation Electronic Business Committee to maintain consistency and interoperability between the logistics and transportation domains.

(2) Develops, manages, maintains, and executes the technical infrastructure network through the Defense Automatic Addressing System in support of the DLMS in accordance with Reference (f) and DLM 4000.25-4 (Reference (k)). DLA transaction services:

(a) Provide interoperable connectivity among the AISs that form the global supply chain management system.

(b) Execute validation, routing, archiving, and mediation of DLMS business transactions and provide data warehousing, web services, performance reporting, and the authoritative database services assigned to it.

(3) Through the Defense Automatic Addressing System, develops, manages, maintains, and executes the technical infrastructure that provides the authoritative database services in support of the global supply chain management system and the DLMS.

c. Includes additional information exchange messaging standards that allow for interoperability with the baseline DLMS standards in Reference (f) when needed.

d. Develops, maintains, and applies DLMS global services and technical infrastructure to ensure interoperability and efficiency of the AISs supporting the DoD logistics and supply chain management system.

e. Helps develop domain-relevant industry standards in support of the National Information Exchange Model (NIEM) found on website https://www.niem.gov/, such as ASC X12, to support DoD.

f. Incorporates changes to ASC X12 standards into DLMS in accordance with the NIEM.

4. <u>DoD CIO</u>. In cooperation with the Deputy Chief Management Officer and the USD(A&S), the DoD CIO ensures that the Defense Business Enterprise Architecture includes the DLMS business rules, information exchange ICs, and data standards as specified in References (g), (i), and (j); and section 2222 of Title 10, United States Code (Reference (l)

5. <u>DoD COMPONENT HEADS</u>. The DoD Component heads:

　　a. Support the DLMS change management process in accordance with References (f) and (g).

　　b. Uniformly implement the DLMS in all AISs that perform business functions that support the global supply chain management system and are covered in References (g), (i), and (j).

　　c. Use the services of the DLMS global services providers to support the AISs that perform the business functions covered by References (g), (i), and (j).

　　d. Use DLMS for ASC X12 transactions with contractors in accordance with the Federal Acquisition Regulation, subpart 53.105 (Reference (m)).

GLOSSARY

PART I. ABBREVIATIONS AND ACRONYMS

AIS	automated information system
ANSI	American National Standards Institute
ASD(S)	Assistant Secretary of Defense for Sustainment
ASC	Accredited Standards Committee
DLA	Defense Logistics Agency
DLM	Defense Logistics Manual
DLMS	Defense Logistics Management Standards
DoD CIO	DoD Chief Information Officer
DoDD	DoD Directive
DoDI	DoD Instruction
EDI	electronic data interchange
IC	implementation convention
MILSTRAP	Military Standard Transaction Reporting and Accountability Procedures
MILSTRIP	Military Standard Requisitioning and Issue Procedures
NIEM	National Information Exchange Model
USD(A&S)	Under Secretary of Defense for Acquisition and Sustainment

PART II. DEFINITIONS

These terms and their definitions are for the purposes of this directive.

ASC X12. Accredited by the ANSI in 1979, ASC X12, Electronic Data Interchange, is a voluntary standards group charged with developing American National Standards for electronic data interchange.

ANSI. The national coordinator of voluntary standards for the United States. ANSI approves a standard only when it has verified evidence presented by the standards developer that those materially affected by the standard have reached substantial agreement (consensus) on its provisions.

DLM. A set of manuals that prescribe logistics management responsibilities, procedures, rules, and electronic data communications standards for use in the DoD, to conduct logistics operations

that support sustainment in functional areas such as supply, maintenance, and finance. These manuals collectively comprise the DLMS.

DLMS

   A process governing logistics functional business management standards and practices across DoD. A broad base of business rules, to include uniform policies, procedures, time standards, transactions, and data management, designed to meet DoD requirements for global supply chain management system support.

   DLMS enables transactions for logistics operations to occur accurately and promote interoperability between DoD and external logistics activities at any level of the DoD organizational structure.

   The DLMS supports electronic business capabilities such as: ANSI ASC X12 EDI, upon which the DLMS transaction exchange was founded; automatic identification technology, including passive RFID and linear and 2D bar coding; extensible mark-up language; and web-based technology.

   The DLMS encompasses standardization of logistics processes including, but not limited to: Military Standard Billing System, Military Standard Transaction Reporting and Accountability Procedures, Military Standard Requisitioning and Issue Procedures, and Supply Discrepancy Reporting.

DLMS IC. The composite guideline that documents a specific business interpretation of an ASC X12 transaction set standard. An implementation convention that defines the structure, content, and DLMS business rules for a specific business interpretation; it maps application data requirements into specific data fields within the X12 transaction set, and establishes parameters for its business usage for implementation in the DLMS. DLMS ICs are also known as either DLMS Supplements or DLMS Logistics Implementation Conventions**.**

NIEM. A community-driven, government-wide, standards-based approach to exchanging information. It provides a set of building blocks that are used as a consistent baseline for creating information exchanges so that the sender and receiver of information share a common, unambiguous understanding of the meaning of that information. NIEM ensures that a basic set of information is well understood and carries the same consistent meaning across various communities, thus allowing interoperability to occur.

supply chain. The linked activities associated with providing materiel from a raw material stage to an end user as a finished product.