



CHAIRMAN OF THE JOINT CHIEFS OF STAFF INSTRUCTION

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DISTRIBUTION: A, B, C, S

CJCSI 6241.04C
20 April 2012

POLICY AND PROCEDURES FOR MANAGEMENT AND USE OF UNITED STATES MESSAGE TEXT FORMATTING

Reference(s): See Enclosure D

1. Purpose. This instruction implements policy and procedures for management and use of United States Message Text Format (USMTF)/Extensible Markup Language-USMTF (XML-MTF) in Department of Defense (DoD) Information Technology (IT) systems, interfaces, and net-centric applications via the Global Information Grid (GIG). The USMTF Program, as set forth in Military Standard 6040 (MIL-STD-6040), establishes the standards and prescribes the rules and conventions governing message text formats (character-oriented information exchange requirements) and their XML-MTF representations, and vocabulary for joint reporting systems. USMTF is to be used for all formatted character-oriented information exchange requirements unless specifically excluded by multinational agreement. Data elements described within the governing Message Text Formats (MTFs) establish standards for all joint reporting systems.

2. Cancellation. CJCSI 6241.04B, "Policy and Procedures for Using United States Message Text Formatting," 15 June 2007, is hereby canceled.

3. Applicability. This instruction applies to the combatant commands, Services, the Joint Staff, and those DoD activities and agencies responsive to the Chairman of the Joint Chiefs of Staff, further referred to as the Chairman.

4. Policy.

a. General. The use of common DoD character-oriented syntax that is visible, understandable, accessible, secure, and trusted in a networked environment provides the foundation for seamless communications and enables situational awareness, sound decision making, and information

superiority. An important element of the DoD syntax is the incorporation of a single set of operationally agreed upon information definitions and expressions for the exchange of information among allied and coalition mission partners, the military forces and supporting agencies of the DoD. The combatant commands, Services, the Joint Staff, and those DoD activities and agencies responsive to the Chairman will use USMTF for character-oriented information exchange. To ensure interoperability within the many-to-many exchanges of a joint, allied, and coalition net-centric environment, United States (US) users and applications needing to interface with DoD compliant systems must use the approved XML-MTF messages governed by MIL-STD-6040 as mandated in the DoD Information Technology Standards Registry (DISR), located on the GIG Technical Guidance Federation portal site at <https://gtg.csd.disa.mil>, to obtain Joint Interoperability Certification or an Interim Certificate to Operate (ICTO). This applies to all DoD system classifications. The associated XML-MTF message schemas are posted to the DoD Metadata Registry on the Data Services Environment portal site at <https://metadata.ces.mil> and <https://metadata.ces.smil.mil>, and the Defense Information Systems Agency (DISA) USMTF Portal site on Army Knowledge Online/Defense Knowledge Online (AKO/DKO) at <https://east1.deps.mil/disa/cop/JINTACCS/USMTF/default.aspx>.

b. Approach. For the purposes of interoperability, supportability, and net-centricity, all IT and National Security Systems (NSS) developed for DoD/US forces' use in joint and combined operations must use references a and b. These systems will be certified as interoperable through joint testing with systems that have a requirement to interface or exchange information. Service-unique systems that are not in compliance with these standards must develop migration plans to ensure compliance for the joint arena. Enclosure A provides a USMTF program overview.

c. Objectives. The objectives of the USMTF program are to:

(1) Produce and conduct configuration management of character-oriented information exchange specifications (IESs) for the DoD as determined and derived from information exchange requirements (IERS).

(2) Provide character-oriented IESs and all associated metadata in a platform independent, tagged XML schema format. Tagged representation will promote structural and semantic understanding of USMTF data assets and allow implementers the ability to more effectively utilize and implement the formatted IERS.

(3) Enable discovery of USMTF XML-MTF schemas by providing the capability to automatically generate discovery metadata cards in accordance with the DoD Discovery Metadata Specification (DDMS). This capability will be developed using Extensible Stylesheets (XSL). Discovery metadata cards will be posted to the Enterprise Catalog portal sites at <https://metadata.ces.mil>

and <https://metadata.ces.smil.mil>), and on the DISA USMTF portal site on AKO/DKO at <https://east1.deps.mil/disa/cop/JINTACCS/USMTF/default.aspx>.

(4) Make all USMTF data assets visible and accessible to the DoD by registering them in the DoD Metadata Registry on the Data Services Environment portal site at <https://metadata.ces.mil> and <https://metadata.ces.smil.mil>, and posting data content in shared spaces such as the DISA USMTF portal site on AKO/DKO at <https://east1.deps.mil/disa/cop/JINTACCS/USMTF/default.aspx>.

(5) Facilitate warfighter (or user) comprehension as well as readability of USMTF messages and data elements. Incorporate perspectives of users and implementers of USMTF data assets.

(6) Facilitate and support interoperability by providing translation capabilities between the US, NATO, and other allied and coalition commands.

(7) Reduce the time and effort required to draft, transmit/post, analyze, interpret, and process messages.

(8) Provide a standard baseline for training that encompasses train-the-trainer/facilitator and end-user training.

(9) Respond to emerging DoD net-centric requirements that support making USMTF data assets visible, accessible, understandable, trusted, interoperable, and responsive to the warfighter and DoD communities. Data assets that contain the contents of an organizational message shall meet the basic requirements of reliability, accuracy, and security of the original message.

(10) Facilitate communication among DoD and DoD-related entities through doctrine, organization, training, materiel, leadership and education, personnel, facilities, and policy (DOTMLPF-P) support of a common standard for messages.

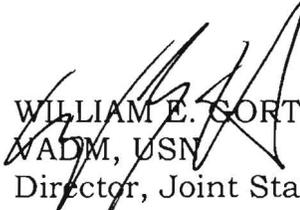
5. Responsibilities. See Enclosure B.

6. Summary of Changes. This instruction:

- a. Aligns document with emerging DoD net-centric requirements.
- b. Updates organizations and responsibilities to reflect recent changes.
- c. Updates Web sites and uniform resource locators.

7. Releasability. This directive is approved for public release; distribution is unlimited. DoD Components (to include the Combatant Commands), other Federal Agencies, and the public, may obtain copies of this directive through the Internet from the CJCS Directives Electronic Library at: http://www.dtic.mil/cjcs_directives.

8. Effective Date. This instruction is effective upon receipt.


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WADM, USN
Director, Joint Staff

Enclosures:

- A - USMTF Program Overview
- B - Responsibilities
- C - Procedures
- D - References
- E - Glossary

DISTRIBUTION

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ENCLOSURE A

USMTF PROGRAM OVERVIEW

1. Program Applicability. The USMTF program applies to all character-oriented IESs, as determined and derived from IERs, in support of DoD operations. This program is intended to cover all received, processed, and disseminated messages between US, NATO, and other allied and coalition commands reporting systems. The USMTF program supports the migration to a net-centric environment by adhering to the goals outlined in the DoD's Net-Centric Data Strategy (reference d), by standardization of character-oriented data processed into or emanating from systems or applications interfacing with the GIG. MIL-STD-6040 is the mandatory standard cited in the DISR, which mandates the minimum set of standards and guidelines for the acquisition of all DoD systems that produce, use, or exchange information.

2. Scope. The USMTF program establishes the standard for preparation, processing, storage, and discovery of USMTF data assets in support of DoD operations. The USMTF program includes all associated processes and organizations that participate and share USMTF data elements.

3. USMTF Training Program. The purpose of the USMTF training program is to train personnel/users and ensure standardization among US, NATO, and other allied and coalition commands in the use of USMTF. USMTF training will be developed and conducted based on the approved and current USMTF program documents and information on the DISA USMTF Portal site (reference c) and the USMTF Web Based Trainer (WBT) Community Share portal site (reference f).

a. The Joint Staff J7, Deputy Director for Joint Coalition Warfare (DD-JCW), Joint Interoperability Division (JID), is the designated USMTF trainer/facilitator. Joint USMTF training will be provided to end users, trainers, support personnel, and executives covering the spectrum from basic through advanced USMTF knowledge and applications.

b. Approved USMTF Program online training resources can be found at the following Web site:

(1) The DISA USMTF Portal site is accessible through AKO/DKO at <https://east1.deps.mil/disa/cop/JINTACCS/USMTF/default.aspx>.

(2) Information concerning the JID's USMTF training programs is accessible at Joint Knowledge Online (JKO), USMTF WBT Community Share portal site at <https://portal.js.mil/sites/J7/JED/JID/default.aspx>.

4. Relationship to Allied and Coalition Efforts. US and allied message text format standards adopted by international partners contribute to interoperability among US, NATO, and other allied and coalition commands IT and NSS. To achieve and maintain the required level of interoperability and cost effective IT and NSS life-cycle creates the essential need for ongoing, collaborative, and coordinated adoption, implementation and maintenance of related standards. With the complexity and dynamics of the operational environment and the evolution of IT, NSS, and messaging requirements it is necessary that this evolution is done using established and evolving USMTF formatting standards. Moreover, NATO and other allied and coalition commands should be aware of advances of other systems and technologies interacting with USMTF messaging to ensure respective evolution and mediation is conducted with close coordination to ensure continued interoperability.

5. Publication Relationships. Military Standard 6040 (MIL-STD-6040) is the companion to this instruction. MIL-STD-6040 provides technical and procedural guidance for the USMTF program. It establishes the standards and prescribes the rules and conventions governing message text formats and their XML-MTF representations. (Of note, Allied Data Publication (ADatP-3) is the NATO version of standardized message text format and is covered by Standardization Agreement (STANAG) 5500.

ENCLOSURE B
RESPONSIBILITIES

1. Assistant Secretary of Defense (Chief Information Officer (DoD CIO)). The DoD CIO serves in an advisory and oversight role for compliance with policies for interoperability and supportability of IT and NSS.

2. The Joint Staff J6, Director for Command, Control, Communications, and Computers (C4)

a. Oversees the USMTF program, establishes policy for all aspects of the program, and coordinates and resolves issues that may arise as a result of this policy.

b. Monitors USMTF efforts to ensure that US, NATO, and other allied and coalition commands interoperability and information exchange requirements are met and that USMTF program efforts are coordinated and consistent with the DoD Net-Centric Data Strategy.

c. Establishes and validates IT and NSS technical requirements applicable to the USMTF program.

d. Provides guidance and direction to DISA for operational requirements that involve planning, development, and integration of USMTF and associated system programs (e.g., Global Command and Control System – Joint (GCCS-J)). These include prioritization of projects, resource expenditures, operational concepts, policies, and procedures.

e. Reviews and provides recommendations to the Secretary of Defense concerning developmental plans and related programming documents for the USMTF program.

f. In concert with the combatant commanders and the Services, maintains and expands the operational concepts used by US military forces and supporting elements to exchange information.

g. In conjunction with other Joint Staff directorates, combatant commands, Services, and other DoD agencies and activities, ensures the use and effectiveness of USMTF are included as items for evaluation in joint exercise programs such as the Coalition Warrior Interoperability Exercise (CWIX), DoD Interoperability Communications Exercise (DICE), and Joint User Interoperability Communications Exercise (JUICE), as well as major field

experiments, limited objective experiments, and advanced concept technology demonstrations.

h. Ensures the USMTF program considers the needs of NATO and other allied and coalition commands in addressing the combined operational needs of US forces and meeting treaty and other international commitments.

i. Ensures DoD-wide compliance with approved USMTF program guidance and, as appropriate, coordinates compliance with related Intelligence Community programs.

j. Provides guidance and direction to DISA for USMTF program Configuration Management (CM).

k. Ensures USMTF compliance with DoD regulations and directives related to disclosure of military information to foreign governments and international organizations.

l. Serves as the advocate and spokesperson for combatant commands at forums addressing USMTF and character-oriented information exchanges, to include the USMTF Configuration Control Board (CCB).

m. Provides representation to the USMTF Joint Training Committee (JTC).

3. Combatant Commanders

a. Identify to the Joint Staff, for validation and inclusion in the USMTF program, all new and/or changed information exchange requirements for military operations.

b. Ensure that US military forces and support elements assigned or attached to the command operate in accordance with the procedures outlined in this instruction and MIL-STD-6040.

c. Coordinate, review, and submit requirements for changes to USMTF to Joint Staff and DISA.

d. Conduct or participate in exercises and technical tests to evaluate IT and NSS, procedures, and standards developed under the USMTF program. When requested by the Joint Staff, assist in the management of the USMTF program by performing specific CM reviews, testing, or training.

e. Participate in the management of the USMTF program and actively support the management efforts of the designated Program Manager (PM).

f. Evaluate USMTF interoperability in their joint exercise programs such as CWIX, DICE, and JUICE as well as major field experiments, limited-objective experiments, and advanced concept technology demonstrations.

4. Joint Staff J7, Deputy Director for Joint Coalition Warfare (DD-JCW)

a. Designated as the executive agent for the Joint Multiple Tactical Data Link School (JMTS) and is delegated oversight responsibility for USMTF training. In addition, Joint Staff J7 DD-JCW will:

- (1) Provide funding for the joint USMTF training program.
- (2) Provide USMTF training curriculum oversight.
- (3) Provide training resources and requirements direction to JID.

b. Joint Interoperability Division (JID). As the Joint Tactical Operations Interface Training organization, the JID will develop, maintain, manage, and conduct USMTF training plans, instructions, and materials to support the USMTF training program. In addition, the JID will:

- (1) Maintain a classroom facility to support joint USMTF training.
- (2) Develop and maintain the USMTF training plan of instruction and course materials to support the joint USMTF training program. Training will be made available via the following methods:
 - (a) Instructor-led classroom training (In-residence at JID facilities and via Mobile Training Teams).
 - (b) Defense Connect Online (DCO), Video Teleconferencing (VTC), and Web-enabled portals as necessary.
 - (c) Web-based and computer-based training.
 - (d) Help desk assistance and on-line tutorials.
- (3) Maintain a USMTF Mobile Training Team (MTT) capability to provide offsite training.
- (4) Maintain the JID Web site, containing information concerning the JID's USMTF training programs, on the JKO, USMTF WBT Community Share portal site at <https://www.us.army.mil/suite/page/524917>.

(5) Provide an annual report to Director, J7 on USMTF training by 31 December. This report will include training accomplished, lessons learned, and appropriate recommendations.

(6) When requested and approved by the responsible foreign assistance authority, assist DISA in providing USMTF training programs for NATO and other allied and coalition commands.

(7) Perform duties as the USMTF JTC chairman. The USMTF JTC is a senior-level forum for the resolution of crucial USMTF training issues and the validation of USMTF training requirements. In addition, the USMTF JTC will:

(a) Make recommendations for improvements and advancement of USMTF training.

(b) Research new methods and technologies for conducting delivery and presentation of USMTF training to the user community.

(c) The USMTF JTC chairman will:

1. Develop, maintain, and administer, in collaboration with the JTC membership, the terms of reference for the USMTF JTC.

2. Coordinate with other Joint Staff directorates, combatant commands, Services, and defense agencies for representation or support in USMTF JTC activities, as required.

3. Prepare and forward JTC recommendations to the Joint Staff J6 for review, action, or approval, as appropriate.

5. Service Chiefs, Directors of Defense Agencies, and Combatant Commanders (as appropriate)

a. Ensure information systems that exchange character-oriented information adhere to USMTF standards.

b. Identify to DISA deletions, new, and/or changed information exchange requirements for joint military operations for validation and inclusion in the USMTF program.

c. Participate in the management of the USMTF program and actively support the management efforts of the designated PM.

d. Provide to the Director, DISA, all proposed schedule, applicable system, or interface specification changes that apply to the USMTF program configuration.

e. Coordinate, review, and submit requirements for changes to the USMTF standard to DISA.

f. Plan, program, and budget for maintenance, testing, and implementation of the approved USMTF standard in those systems implementing the standard.

g. Advise the Chairman and Director, DISA, of changes in funds, personnel, facilities, or materials and Service training issues that would affect the development or implementation of the USMTF standard or that would affect participation in management.

h. Include systems implementing USMTF in the Joint Interoperability Test Command (JTIC) master test schedule. Ensure systems implementing USMTF are certified for interoperability on the current baseline. Participate in joint interoperability certification testing as required.

i. Ensure that US military forces are properly trained in the correct use of USMTF.

(1) USMTF training will be included in training programs and exercises where character-oriented information exchanges are part of the process or overall requirement. Training should be conducted using a USMTF compliant message generation system that has been certified by the JTIC. Program participants will use feedback from training programs and exercise analysis as input to Joint Staff J7 for improving the training program.

(2) Provide representation to the USMTF JTC to coordinate development of training objectives, plans of instruction, and training materials, ensuring programs and materials represent the current USMTF baseline.

(3) Designate a point of contact to coordinate USMTF training and training quotas.

(4) Ensure personnel are designated as USMTF trainers and/or facilitators on successful completion of the USMTF manager's course.

j. Recommend objectives and thresholds for those aspects of tactical system compatibility and interoperability related to training standards.

6. Director, DISA. In addition to paragraph 5 above, the Director, DISA, will establish the necessary organizational elements to support the USMTF program, to include the establishment of a program management structure and the formal appointment of a PM. The Director, DISA, will provide CM support and oversight for the USMTF program, to include the necessary automation

support tools needed to manage the program. In addition, the Director, DISA, will:

- a. Provide CM guidance for the USMTF program. Execute CM for the USMTF program in support of that guidance. Develop and maintain tools for the CM of USMTF data assets.
- b. Communicate directly with appropriate personnel of other DoD components on matters related to the USMTF program.
- c. Define, develop, test, and maintain the interface specifications required, ensuring interoperability and information flow among IT and NSS that implement the USMTF program.
- d. Develop, test, and maintain USMTF and supporting procedures to be used by IT and NSS in joint military operations and certify that IT and NSS have properly implemented the approved USMTF standards.
- e. Monitor and coordinate with programs of other DoD components and government agencies that may affect interoperability of IT and NSS implementing USMTF standards.
- f. Provide program participants with materials to facilitate USMTF implementation.
- g. Support the development and maintenance of the necessary supporting structures and tools for the USMTF program.
- h. Represent the US, as directed by DoD CIO or the Chairman, in international forums responsible for the development, testing, and maintenance of information standards for use by IT and NSS in combined operations. DISA will provide technical support and function as the US representative and/or US head of delegation, as directed by DoD CIO or the Chairman, at appropriate NATO and other allied and/or coalition interoperability forums.
- i. Monitor and report annually to DoD CIO and the Chairman regarding the compliance of US military forces with approved USMTF program standards.
- j. Support USMTF training as requested by the Joint Staff through DISA's Standards Management Branch, assigned as the USMTF PM. The USMTF PM will:
 - (1) Provide the products of the USMTF program CM process to the JID and other organizations conducting USMTF training.

(2) Review USMTF training materials and curriculums to ensure compliance with USMTF standards.

(3) Maintain the DISA USMTF Portal site, accessible through AKO/DKO at <https://east1.deps.mil/disa/cop/JINTACCS/USMTF/default.aspx>.

(4) Promote and market USMTF training and training products by publishing on the DISA USMTF Portal site and by other means and media as appropriate.

k. Provide oversight for information assurance for the USMTF program.

l. Develop and publish the charter for the USMTF CCB.

m. Define USMTF CCB specific vocabularies and taxonomies. Shared vocabularies should be developed to support machine-to-machine understanding of data elements. Taxonomies should be developed to categorize and classify schemas that the USMTF CCB uses to group and relate its data assets. Both vocabularies and taxonomies should be registered in the DoD Metadata Registry to increase metadata visibility across the Enterprise and to promote possible reuse.

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ENCLOSURE C

PROCEDURES

1. General Concept. A common standard for a text message format will facilitate information exchange across the DoD and related entities. Effective, seamless exchange of this information is achieved through exposure and sharing techniques that leverage common information syntax and data structures to maximize the likelihood that data can be successfully interpreted and utilized regardless of its provider. Operationally agreed information definitions and expressions for the exchange and sharing of information among the military forces and supporting agencies of the DoD serve as the foundation for interoperability. Their visibility, accessibility, and ability to be understood and intelligibly used are critical for warfighting and supporting present and future battlespace management. They provide the means to achieve interoperability at the information level across all functional and mission areas. USMTF data will be leveraged by communications and information systems used throughout the DoD.

2. Management Approach. Management of the USMTF program incorporates a CCB approach and consists of:

a. Managing all changes to the standing USMTF rules, conventions, individual message formats, and standards and interface documentation by the receipt, circulation, review, and approval or disapproval of submitted interface change proposals.

b. Maintenance of supporting USMTF procedures.

c. Documentation and exposure of USMTF standard character-oriented data.

d. Technical liaison and administrative support associated with managing the USMTF effort. This includes providing a namespace manager to manage all USMTF data assets registered in the DoD Metadata Registry.

e. Promote homogenous messaging within the DoD and federal agencies as well as allied and other friendly nations. When necessary, develop and expose mediation capabilities.

f. Application of technological innovations to modernize the program, where practicable; e.g., extensible markup language, data modeling, Web-enabling user access, and electronic-government, market-based concepts.

3. Implementation Procedures. Detailed implementation procedures for the program are contained in the USMTF CCB Charter.

a. The Director, DISA, will develop and publish the Charter, Terms of Reference, and Configuration Management Technical Procedures documents for the USMTF CCB. These documents will include operating procedures, guidance to program participants, and configuration management procedures. The documents will be approved by the USMTF CCB and will serve as the basis for management of the program.

b. Proposed changes to USMTF standards must be submitted to the USMTF CCB in accordance with procedures established in the USMTF CCB charter. USMTF CCB will review each Service's engineering assessment of the impact of the new message requirements on message catalog systems, to include a comparison and mapping of new-to-old data elements. The identified differences must be reconciled prior to implementation of new messages within the affected architectures. New messages or changes to messages in the USMTF XML-MTF schemas, once approved by the USMTF CCB, are expected to be acted on in a timely manner for implementation by participating members and become new requirements for systems that support the USMTF XML-MTF schemas.

c. USMTF Program Message Sponsorship. Each message included or proposed to be included in the USMTF program will have a voting member sponsor on the USMTF CCB (Joint Staff, combatant command, Service, agency, or activity). General information about USMTF message sponsorship is contained in reference b.

d. Detailed information with regard to procedures for transmitting and receiving USMTF messages in joint operations, to include recommended information exchanges between command and control/information exchange elements is accessible on the DISA USMTF Portal site at AKO/DKO (<https://east1.deps.mil/disa/cop/JINTACCS/USMTF/default.aspx>).

ENCLOSURE D

REFERENCES

- a. CJCSI 6212.01, "Net Ready Key Performance Parameter (NR KPP)"
- b. MIL-STD-6040 series, "Department of Defense Interface Standard: U.S. Message Text Format (USMTF) Description"
- c. DISA USMTF Portal site access is through AKO/DKO at:
<https://east1.deps.mil/disa/cop/JINTACCS/USMTF/default.aspx>
- d. DoD Chief Information Officer Memorandum, 9 May 2003, "DOD Net-Centric Data Strategy"
- e. DoD Metadata Registry access is through the Data Services Environment portal at: <https://metadata.ces.mil> and <https://metadata.ces.smil.mil>
- f. USMTF Web Based Trainer Community Share portal site access is through JKO at: <https://portal.js.mil/sites/J7/JED/JID/default.aspx>
- g. DoD Information Technical Standards Registry (DISR) access is through the GIG Technical Guidance Federation portal site at: <https://gtg.csd.disa.mil>
- h. STANAG 5500 (Edition 7), Concept of NATO Message Text Formatting System (CONFORMETS) - ADatP-3(A)

OTHER RELEVANT PUBLICATIONS

DoDI 5025.12, 14 August 2009, "Standardization of Military and Associated Terminology"

DoD 8320.02-G, 12 April 2006, "Guidance for Implementing Net-Centric Data Sharing"

CJCSI 5705.01 series, "Standardization of Military and Associated Terminology"

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GLOSSARY OF ACRONYMS AND ABBREVIATIONS

ADatP	Allied Data Publication
AKO	Army Knowledge Online
C4	Command, Control, Communications, and Computers
CCB	Configuration Control Board
CIO	Chief Information Officer
CJCS	Chairman of the Joint Chiefs of Staff
CJCSI	Chairman of the Joint Chiefs of Staff Instruction
CM	Configuration Management
CWIX	Coalition Warrior Interoperability Exercise
DCO	Defense Connect Online
DD-JCW	Deputy Director for Joint Coalition Warfare
DDMS	DoD Discovery Metadata Specification
DICE	DoD Interoperability Communications Exercise
DISA	Defense Information Systems Agency
DISR	DoD Information Technology Standards Registry
DKO	Defense Knowledge Online
DoD	Department of Defense
DODI	Department of Defense Instruction
DOTMLPF-P	Doctrine, Organization, Training, Materiel, Leadership and Education, Personnel, Facilities, and Policy
GCCS-J	Global Command and Control System - Joint
GIG	Global Information Grid
ICTO	Interim Certificate to Operate
IER	Information Exchange Requirement
IES	Information Exchange Specification
IT	Information Technology
JID	Joint Interoperability Division
JITC	Joint Interoperability Test Command
JKO	Joint Knowledge Online
JMTS	Joint Multiple Tactical Data Link School
JTC	Joint Training Committee
JUICE	Joint Users Interoperability Communications Exercise

MIL-STD	Military Standard
MTF	United States Message Text Format (Short version to USMTF)
MTT	Mobile Training Team
NATO	North Atlantic Treaty Organization
NR KPP	Net Ready Key Performance Parameter
NSS	National Security Systems
PM	Program Manager
STANAG	Standardization Agreement (NATO)
US	United States
USMTF	United States Message Text Format
VTC	Video Teleconferencing
WBT	Web Based Trainer
XML	Extensible Markup Language
XML-MTF	Extensible Markup Language-USMTF
XSL	Extensible Stylesheet Language