



# Department of Defense

## DIRECTIVE

**NUMBER 5205.15E**

**April 26, 2011**

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**USD(AT&L)**

**SUBJECT:** DoD Forensic Enterprise (DFE)

**References:** See Enclosure 1

1. **PURPOSE.** Pursuant to the authority vested in the Secretary of Defense by section 113 of title 10, United States Code (U.S.C.) (Reference (a)), this Directive:

a. Establishes policy and assigns responsibilities within the DoD to develop and maintain an enduring, holistic, global forensic capability to support the full range of military operations (ROMO). The DFE consists of those DoD resources, assets, and processes that provide forensic science analysis linking persons, places, things, and events. These linkages are made in both traditional law-enforcement and medical purviews, as well as in the expeditionary environment. The DFE supports numerous customers, including military criminal investigators, medical examiners, joint force commanders (JFCs), and criminal-intelligence and intelligence analysts. Not included in the DFE are those distinct, non-traditional missions requiring unique forensic disciplines that support technical nuclear, technical chemical, and biological disciplines, and specialized intelligence.

b. Establishes, under the provisions of DoD Instruction (DoDI) 5105.18 (Reference (b)), the Forensic Executive Committee (EXCOM) to coordinate the activities of the DFE (see Enclosure 2).

c. Assigns the Under Secretary of Defense for Acquisition, Technology, and Logistics (USD(AT&L)) the Principal Staff Assistant (PSA) responsibilities pursuant to DoD Directive (DoDD) 5101.1 (Reference (c)) for the DFE.

d. Designates the Secretary of the Army as the DoD Executive Agent (EA) for Forensics, in accordance with Reference (c) and DoDD 5154.24 (Reference (d)), for those forensic disciplines relating to deoxyribonucleic acid (DNA), serology, firearms and tool marks, latent prints, questioned documents, drug chemistry, and trace materials, as well as forensics relating to forensic medicine disciplines such as forensic pathology, forensic anthropology, forensic toxicology, and DNA analysis to identify human remains.

e. Designates the Secretary of the Air Force as the DoD EA for Digital and Multimedia (D/MM) Forensics in accordance with Reference (c) and DoDD 5505.13E (Reference (e)), for

those forensics disciplines relating to computer and electronic device forensics, audio forensics, image analysis, and video analysis.

f. Assigns to the Director, Defense Intelligence Agency (DIA), primary responsibility for intelligence activities and programs related to forensics pursuant to DoDD 5105.21 (Reference (f)).

g. Cancels the USD(AT&L) Memorandum (Reference (g)).

2. APPLICABILITY. This Directive:

a. 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 (IG, DoD), the Defense Agencies, the DoD Field Activities, and all other organizational entities within the DoD (hereinafter referred to collectively as the “DoD Components”).

b. Does not apply to:

(1) Technical nuclear or technical chemical and biological forensics, including forensic disciplines that support these efforts, which are distinct, non-traditional missions requiring unique capabilities that are governed by title 50, U.S.C. (Reference (h)), and DoDDs 5160.05E and S-2060.04 (References (i) and (j)).

(2) Specialized intelligence collected through reconnaissance programs by the DoD offices described at subsection 3.5(h)(7) of Executive Order 12333 (Reference (k)), which involve the quantitative measurement and interpretation of signatures performed outside the scope of the Capstone Concept of Operations for DoD Forensics (Reference (l)).

3. DEFINITIONS. See Glossary.

4. POLICY. It is DoD policy that:

a. The Forensic EXCOM shall oversee the implementation of this Directive and facilitate the coordination of forensic activities throughout DoD.

b. Enhancement of forensics capabilities within DoD shall minimize redundancies by leveraging existing capabilities and programs to the fullest extent feasible.

c. The DoD forensic functions -- recognize, preserve, collect, analyze, store, and share -- shall be conducted in a manner that maximizes consistency and interoperability across the DoD and at the national and international levels.

d. Forensic capabilities shall be fully integrated into military operations across the ROMO as appropriate.

e. Nothing in this Directive shall supersede the roles and responsibilities of the Heads of the DoD Components to exercise their authorities pursuant to References (a) and (h) and title 5, U.S.C. Appendix, also known as “The Inspector General Act of 1978” (Reference (m)).

f. Individual rights and privacy shall be protected in accordance with applicable laws and policies. Reference (k) and DoD 5240.1-R (Reference (n)) apply to the activities of DoD Intelligence Components. Incidents that constitute questionable intelligence activities shall be reported pursuant to procedure 15 in Reference (n).

g. DoD forensic functions, material, and data collected for forensic analysis and the results of that forensic analysis shall be protected at the appropriate classification level pursuant to established security classification guides and DoDI 5200.01 (Reference (o)) to facilitate information sharing.


h. Forensic material and data collected pursuant to DoD’s law enforcement mission shall be protected and handled in accordance with applicable criminal evidentiary standards.

i. DoD shall, through the Forensic EXCOM, promulgate appropriate enterprise standards for expeditionary forensic laboratories and personnel performing forensic analyses.

5. RESPONSIBILITIES. See Enclosure 3.

6. RELEASABILITY. This Directive is approved for public release and is available on the Internet from the DoD Issuances Website at <http://www.dtic.mil/whs/directives>.

7. EFFECTIVE DATE. This Directive is effective upon its publication to the DoD Issuances Website.

  
William J. Lynn III  
Deputy Secretary of Defense

Enclosures

1. References
  2. Forensic EXCOM
  3. Responsibilities
- Glossary

ENCLOSURE 1

REFERENCES

- (a) Title 10, United States Code
- (b) DoD Instruction 5105.18, "DoD Intergovernmental and Intragovernmental Committee Management Program," July 10, 2009
- (c) DoD Directive 5101.1, "DoD Executive Agent," September 3, 2002
- (d) DoD Directive 5154.24, "Armed Forces Institute of Pathology (AFIP)," October 3, 2001
- (e) DoD Directive 5505.13E, "DoD Executive Agent (EA) for the DoD Cyber Crime Center (DC3)," March 1, 2010
- (f) DoD Directive 5105.21, "Defense Intelligence Agency (DIA)," March 18, 2008
- (g) Under Secretary of Defense for Acquisition, Technology, and Logistics Memorandum, "Defense Forensics Executive Steering Group," January 14, 2008 (hereby cancelled)
- (h) Title 50, United States Code
- (i) DoD Directive 5160.05E, "Roles and Responsibilities Associated with the Chemical and Biological Defense (CBD) Program (CBDP)," October 9, 2008
- (j) DoD Directive S-2060.04, "DoD Support to the National Technical Nuclear Forensics (NTNF) Program (U)," April 1, 2009
- (k) Executive Order 12333, "United States Intelligence Activities," December 4, 1981, as amended
- (l) Director of Defense Research and Engineering, "Capstone Concept of Operations for DoD Forensics," August 5, 2008<sup>1</sup>
- (m) Title 5, United States Code, Appendix, also known as "The Inspector General Act of 1978"
- (n) DoD 5240.1-R, "Procedures Governing the Activities of DoD Intelligence Components that Affect United States Persons," December 1982
- (o) DoD Instruction 5200.01, "DoD Information Security Program and Protection of Sensitive Compartmented Information," October 9, 2008
- (p) Under Secretary of Defense for Business Transformation DoD Architecture Framework (DoDAF) Working Group, "DoDAF Version 2.0," May 28, 2009
- (q) DoD Directive 5530.3, "International Agreements," June 11, 1987
- (r) DoD Directive 2310.07E, "Personnel Accounting -- Losses Due to Hostile Acts," November 10, 2003
- (s) DoD Instruction 1400.25, Volume 250, "DoD Civilian Personnel Management System: Volume 250, Civilian Strategic Human Capital Planning (SHCP)," November 18, 2008
- (t) DoD Directive 2000.19E, "Joint Improvised Explosive Device Defeat Organization (JIEDDO)," February 14, 2006
- (u) DoD Directive 5106.01, "Inspector General of the Department of Defense," April 13, 2006
- (v) DoD Instruction 5525.07, "Implementation of the Memorandum of Understanding (MOU) Between the Departments of Justice (DoJ) and Defense Relating to the Investigation and Prosecution of Certain Crimes," June 18, 2007
- (w) Annex II to National Security Presidential Decision Directive 46/Homeland Security Presidential Directive 15, "U.S. Policy and Strategy in the War on Terror" January 4, 2007<sup>2</sup>
- (x) National Security Presidential Directive 54/Homeland Security Presidential Directive 23, "Cyber Security and Monitoring," January 8, 2008<sup>2</sup>

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<sup>1</sup> This document can be accessed by contacting Director, Defense Biometrics, ASD(R&E).

<sup>2</sup> These are classified document that can be accessed by contacting the Office of the Assistant Secretary of Defense for Homeland Defense and Americas' Security Affairs.

ENCLOSURE 2

FORENSIC EXCOM

1. PURPOSE. The Forensic EXCOM shall oversee the implementation of this Directive and facilitate the coordination of forensic activities throughout DoD.
2. OBJECTIVES. The objectives of the Forensic EXCOM are to:
  - a. Ensure that DoD maintains an enduring, holistic, global forensic capability that includes an expeditionary capacity, necessary reach back, appropriate forensic expertise, and the infrastructure needed to support the range of military operations.
  - b. Address the evolving needs of DoD forensics to support the ROMO and encourage collaboration, coordination, and interoperability of forensic activities to modernize, streamline, and integrate forensic activities across DoD.
  - c. Reduce the cost of forensic-related military and business operations and enhance the use of current resources that maximize value and manage risk.
  - d. Identify responsible stakeholders for developing, sourcing, and executing forensic-related requirements.
3. MEMBERSHIP. The Forensic EXCOM shall be chaired by the USD(AT&L) or a designated representative. Its membership shall consist of one senior general or flag officer or civilian equivalent from each of the DoD Components that provide or require forensic capabilities and support, as well as those making strategic management decisions related to forensic activities.
4. FUNCTIONS. The Forensic EXCOM shall advise and assist the USD(AT&L) in making key strategic management decisions relating to forensic activities and serve as a forum to:
  - a. Coordinate and integrate strategic-level forensic activities within DoD.
  - b. Develop strategic-level forensics policy and set programmatic priorities.
  - c. Develop clear, objective-associated performance measures and monitor progress toward fulfilling the objectives set forth in this Directive.
  - d. Monitor DFE initiatives and programs to avoid unnecessary duplication of effort.
  - e. Recommend changes or additions to the assignment of authorities and responsibilities within the DFE.

5. RELATIONSHIPS

a. The Chair shall preside over meetings and shall seek the consensus of committee members. If resolution or consensus cannot be achieved, the Chair shall serve as the final decision maker except with respect to matters for which primary responsibility is assigned to another PSA.

b. The Chair may invite full or part-time Federal officers or employees from non-DoD organizations to serve as temporary or full time members as the need arises. Invitees that are private citizens or representatives from the private sector or non-profit organizations may not exercise member-like privileges (participating in deliberations and voting specifically) and are limited to providing his or her individual opinion on technical or expert information to aid in the deliberation of the membership.

c. The members shall work closely with the Chair to manage the priorities, plans, programs, and schedules for work to be jointly accomplished by the DoD Components.

ENCLOSURE 3

RESPONSIBILITIES

1. USD(AT&L). The USD(AT&L) shall:

- a. Execute the PSA authorities and responsibilities for the DFE pursuant to Reference (c).
- b. In coordination with the members of the Forensic EXCOM, establish the programs and policies of the DFE.
- c. Appoint a Director for Defense Forensics to coordinate and synchronize forensic requirements, doctrine, policy, organization, training, material, logistics, architecture, standards, and funding. The Director for Defense Forensics will be the representative for DoD on forensic-related matters with other U.S. Government (USG) agencies and international entities as appropriate.
- d. Oversee the activities of the DoD EAs for Forensics and D/MM Forensics in their functional areas of responsibility.
- e. Review the adequacy of forensic-related acquisition programs and associated budget submissions to ensure they meet DFE program requirements and objectives.
- f. Serve as the Chair of the Forensic EXCOM (or designate an alternate), provide administrative support as needed for its effective operation and establish working groups to address issues and make recommendations as needed.
- g. Serve as the senior point of contact with other USG agencies and international entities on forensic capabilities unless otherwise assigned.
- h. Coordinate with the Under Secretary of Defense for Intelligence (USD(I)) on forensic programs, activities, and agreements that may affect intelligence-related authorities and missions.
- i. Coordinate and synchronize forensic research, development, test, and evaluation (RDT&E) efforts among DoD Components and USG agencies that contribute to the DFE.
- j. Coordinate and publish a DFE strategic plan, supported by a communications outreach plan.
- k. Coordinate with the DoD Chief Information Officer (DoD CIO) on programs, policies, and activities pertaining to D/MM forensics.
- l. Unless otherwise assigned, establish and maintain forensic information-sharing agreements with non-DoD organizations.

m. Oversee the development and integration of the DFE architecture in accordance with the DoD Architecture Framework Version 2.0 (Reference (p)).

2. UNDER SECRETARY OF DEFENSE FOR POLICY (USD(P)). The USD(P) shall:

a. Review and endorse interagency cooperation agreements for DoD forensic activities as appropriate and exercise the responsibilities prescribed in DoDD 5530.3 (Reference (q)) regarding international cooperative agreements.

b. Serve as the principal advisor to the USD(AT&L) for personnel accounting and personnel recovery programs, activities, and agreements that may affect the DFE.

c. Establish policy, monitor and evaluate program performance, and provide guidance with respect to all DoD DFE activities related to efforts to account for personnel unaccounted for due to hostile actions pursuant to DoDD 2310.07E (Reference (r)).

3. UNDER SECRETARY OF DEFENSE FOR PERSONNEL AND READINESS (USD(P&R)). The USD(P&R) shall:

a. Serve as the principal advisor to the USD(AT&L) on forensic medicine disciplines.

b. Participate in forensic committees when issues related to human capital management are addressed.

c. Coordinate with the appropriate Functional Community Manager, pursuant to Volume 250 of DoDI 1400.25 (Reference (s)), on civilian human capital management planning issues, including those dealing with the civilian expeditionary workforce.

d. Establish policy, monitor and evaluate program performance and provide guidance with respect to all DoD DFE activities related to forensic medicine disciplines.

4. USD(I). The USD(I) shall:

a. Serve as the principal advisor to the USD(AT&L) on intelligence activities affecting the DFE.

b. Direct policy development and implementation for the application of forensics to defense intelligence, counterintelligence, and established security requirements, as needed.

c. Establish and oversee all Defense Intelligence Component plans, programs, and budgets that support the intelligence requirements of the DFE; disseminate implementing guidance for intelligence programs and activities to support forensics.



d. In conjunction with the DoD CIO, ensure that forensic-derived intelligence information is accessible through an intelligence-sharing environment to tactical and operational users as well as the USG-wide intelligence, counterintelligence, foreign intelligence, and security communities as appropriate under existing policy and statutes.

e. Coordinate with the USD(AT&L) on intelligence programs, activities, and agreements that may affect the DFE.

5. DIRECTOR, DIA. The Director, DIA, under the authority, direction, and control of the USD(I), and in addition to the responsibilities in section 9 of this enclosure, shall:

a. Serve as the intelligence lead for forensic activities and programs.

b. Coordinate with the DoD EAs for Forensics and D/MM Forensics on intelligence activities and programs that may affect forensic-related authorities and missions.

c. Establish and coordinate intelligence-related forensic mission area applications among the Defense Intelligence Component and DoD EAs for Forensics and D/MM Forensics.

d. Propose implementing guidance for the USD(I) directing the application of forensic resources to support intelligence, collection, processing, analysis, and production in partnership with other Defense Intelligence Components.

e. Develop joint intelligence doctrine for intelligence-related forensics functions.

f. Coordinate with the other members of the Forensic EXCOM to establish, incorporate, and maintain intelligence-sharing agreements related to forensics with foreign partners, as appropriate.

g. Provide intelligence-related training and professional certification activities that support the DFE.

h. Program and budget for expeditionary forensic laboratory capability to support intelligence requirements not otherwise provided by the DoD EAs for Forensics and D/MM Forensics.

i. Develop, maintain, and publish the forensics security classification guide for the DoD. Nothing in the forensic security classification guide will supersede existing classification guides pertaining to forensic products produced by the DoD community.

j. Establish the standards, processes, and procedures required for the application of forensics to weapons technical intelligence (WTI) collection, processing, analysis, and exploitation processes. Coordinate with the Director, Joint Improvised Explosive Device Defeat Organization (JIEDDO) when these standards, processes, and procedures pertain to the

exploitation of improvised explosive devices (IEDs) and their components in accordance with DoDD 2000.19E (Reference (t)).

k. Develop, maintain, and publish a list of existing and potential security threats to DoD forensic technologies and systems.

6. DoD CIO. The DoD CIO shall:

a. Provide policy oversight and guidance for information systems and networks necessary to support the DFE.

b. Coordinate with the USD(AT&L) on programs, policies, and activities pertaining to the DoD Cyber Crime Center, as they relate to the DFE, pursuant to Reference (e).

7. DIRECTOR, DEFENSE INFORMATION SYSTEM AGENCY (DISA). The Director, DISA, under the authority, direction, and control of the DoD CIO and in addition to the responsibilities in section 8 of this enclosure, shall provide engineering and technical support to the EAs as they establish and maintain their required forensics information management systems.

8. IG, DoD. The IG, DoD, in addition to the responsibilities in section 9 of this enclosure, shall:

a. Serve as the principal advisor to the Chair of the Forensic EXCOM on matters related to DoD criminal investigation programs.

b. Establish policy, monitor and evaluate program performance, and provide guidance with respect to all DoD DFE activities related to criminal investigation programs pursuant to DoDD 5106.01 (Reference (u)) and DoDI 5525.07 (Reference (v)).

9. HEADS OF THE DoD COMPONENTS. The Heads of DoD Components shall:

a. Consult and coordinate with the USD(AT&L) on the establishment of programs and development of policies affecting the DFE.

b. Designate representatives to participate in the Forensic EXCOM pursuant to section 4 of Enclosure 2.

c. Coordinate and integrate strategies, concepts, capabilities, and requirements regarding forensic matters within the framework of the Forensic EXCOM to meet forensic requirements and to prevent unnecessary duplication of forensic activities.

d. Formulate and execute forensic program elements for forensic activities in respective budgets.

- e. Field forensics capabilities to meet warfighter needs in accordance with the established strategic-level policy and programmatic priorities.
- f. Negotiate and resolve forensics issues on behalf of their Components.
- g. Ensure DFE activities are incorporated into Military Service exercises.
- h. Comply with standards, processes, and procedures established by the DoD EAs for Forensics and D/MM Forensics as appropriate.
- i. Ensure that Component-level forensic training programs are developed, implemented, and validated in coordination with the DoD EAs for Forensics or D/MM Forensics, as appropriate.

10. SECRETARY OF THE ARMY. The Secretary of the Army, in addition to the responsibilities in section 9 of this enclosure, shall serve as the DoD EA for Forensics for all forensic disciplines specified by paragraph 1.d. above the signature of this Directive, and in that capacity shall, for the forensic disciplines under his or her purview:

- a. Execute DoD EA responsibilities in accordance with applicable law, Reference (c), and this Directive.
- b. Coordinate with the Heads of the DoD Components to:
  - (1) Execute the responsibilities and activities assigned in this Directive.
  - (2) Program for and budget sufficient resources to support common forensic requirements for the forensic disciplines for which the Secretary of the Army is the DoD EA.
  - (3) Ensure that traditional and battlefield (including expeditionary and reach-back) forensic capabilities are planned, programmed, budgeted, and provided to support the JFCs.
  - (4) Establish appropriate standards, processes, and procedures for the forensic disciplines for which the Secretary of the Army is the DoD EA.
  - (5) Establish and maintain training, professional certification, and RDT&E programs for the forensics disciplines for which the Secretary of the Army is the DoD EA.
  - (6) Develop and maintain the DFE architecture pursuant to Reference (p) for the forensic disciplines for which the Secretary of the Army is the DoD EA.
- c. Coordinate with the Director, DIA, on forensic activities and programs that may affect intelligence-related authorities and missions.

d. Designate a DoD Center of Excellence to promote collaboration and the application of best practices for those forensics disciplines for which the Secretary of the Army is the DoD EA and ensure they:

- (1) Develop appropriate standards, processes, and procedures.
- (2) Develop and maintain examiner training and professional certification, and laboratory accreditation.
- (3) Provide integration of joint operational RDT&E of new forensics capabilities to the DoD Components in support of the JFC.

e. Develop and maintain continuity of operations and disaster recovery plans for forensic-related missions and capabilities for which the Secretary of the Army is the DoD EA.

f. Establish and maintain DoD authoritative data repositories and/or develop guidelines to interface with existing authoritative data repositories for those forensic disciplines for which the Secretary of the Army is the DoD EA. Ensure data within these repositories is accessible to strategic, operational, and tactical users across security domains.

g. Provide forensic support to the Department of Justice (DOJ) in support of DoD responsibilities pursuant to Annex II to National Security Presidential Decision Directive 46/Homeland Security Presidential Directive 15 (Reference (w)).

h. Establish and maintain forensic information-sharing agreements within the DoD for those forensic disciplines for which the Secretary of the Army is the DoD EA.

i. Establish and maintain a defense forensics information-sharing capability to support the forensic disciplines within the DFE for which the Secretary of the Army is the DoD EA. This capability will be hosted on the Defense Information Systems Network (DISN) and compliant with Federal and DoD CIO policies and guidance.

11. SECRETARY OF THE AIR FORCE. The Secretary of the Air Force, in addition to the responsibilities in section 9 of this enclosure, shall serve as the DoD EA for D/MM Forensics and in that capacity shall:

a. Execute DoD EA responsibilities in accordance with applicable law, Reference (c), and this Directive.

b. Coordinate with the Heads of the DoD Components to:

- (1) Execute the responsibilities and activities assigned in this Directive.
- (2) Program for and budget sufficient resources to support common forensic requirements for those disciplines for which the Secretary of the Air Force is the DoD EA.

(3) Establish appropriate standards, processes, and procedures for the forensic disciplines for which the Secretary of the Air Force is the DoD EA.

(4) Establish and maintain training, professional certification, and RDT&E programs for the forensic disciplines for which the Secretary of the Air Force is the DoD EA.

(5) Develop and maintain the DFE architecture pursuant to Reference (p) for the forensic disciplines for which the Secretary of the Air Force is the DoD EA.

c. Coordinate with the Director, DIA, on forensic activities and programs that may affect intelligence-related authorities and missions.

d. Designate a Center of Excellence to promote collaboration and the application of best practices for those forensics disciplines for which the Secretary of the Air Force is the EA and ensure they:

(1) Develop appropriate standards, processes, and procedures.

(2) Develop and maintain examiner training and professional certification, and laboratory accreditation.

(3) Provide integration of joint operational RDT&E of new forensics capabilities to the DoD Components in support of the JFC.

e. Develop and maintain continuity of operations and disaster recovery plans for forensic-related missions and capabilities for which the Secretary of the Air Force is the DoD EA.

f. Establish and maintain DoD authoritative data repositories and/or develop guidelines to interface with existing authoritative data repositories for those forensic disciplines for which the Secretary of the Air Force is the DoD EA. Ensure data within these repositories is accessible to strategic, operational, and tactical users across security domains.

g. Provide forensic support to the DOJ in support of DoD responsibilities pursuant to Reference (w).

h. Establish and maintain forensics information-sharing agreements within DoD for those forensic disciplines for which the Secretary of the Air Force is the DoD EA.

i. Establish and maintain a defense forensics information-sharing capability to support D/MM forensics within the DFE. This capability shall be hosted on the DISN and compliant with Federal and DoD CIO policies and guidance.

j. Support DoD responsibilities pursuant to National Security Presidential Directive 54/ Homeland Security Presidential Directive 23 (Reference (x)).

12. CHAIRMAN OF THE JOINT CHIEFS OF STAFF. The Chairman of the Joint Chiefs of Staff, in addition to the responsibilities in section 9 of this enclosure, shall:

a. Review and assess the adequacy of forensic acquisition programs and budgets to support joint objectives and operational plans and ensure the integration of forensics into strategic and operational plans and training as applicable.

b. Coordinate Combatant Commanders' requirements and arrangements associated with such requirements to the DoD EAs for Forensics or D/MM Forensics, as appropriate, in order to support and facilitate national military objectives across the ROMO.

c. Develop operational joint doctrine related to forensic capabilities.

d. Validate joint requirements for forensics capabilities for the joint force.

e. Coordinate theater-specific requirements for forensic capabilities.

f. Represent the forensics program interest of the Combatant Commanders.

g. Coordinate with the Forensics EXCOM and the DoD EAs for Forensics or D/MM Forensics as appropriate to ensure the forensics capability supports National Military Strategy and Combatant Commander requirements.

13. COMMANDERS OF THE COMBATANT COMMANDS. The Commanders of the Combatant Commands, through the Chairman of the Joint Chiefs of Staff and in addition to the responsibilities in section 9 of this enclosure, shall:

a. Identify, validate, and prioritize theater-specific requirements related to the DFE and submit them to the Joint Staff for coordination.

b. Integrate appropriate aspects of the DFE into plans, policies, and joint force headquarters training and exercises.

c. Provide DFE lessons learned to the Joint Staff.

14. DIRECTOR, JIEDDO. The Director, JIEDDO, in addition to the responsibilities in section 9 of this enclosure, shall:

a. In coordination with the DoD EAs for Forensics and D/MM Forensics, accept into the Joint IED Capability Approval and Acquisition Management Process for resourcing consideration Counter IED related forensics requirements that are:

(1) Urgent, emerging, or surge capabilities beyond the Services' abilities to respond to Combatant Command requirements.

(2) Strategic requirements consistent with the policy and programmatic priorities established by the Forensic EXCOM.

b. Coordinate with the Director, DIA, for the application of forensics to WTI when these standards, processes, and procedures pertain to the exploitation of IEDs and their components, in accordance with Reference (t).

## GLOSSARY

### PART I. ABBREVIATIONS AND ACRONYMS

DFE	DoD Forensics Enterprise
DIA	Defense Intelligence Agency
DISA	Defense Information System Agency
DISN	Defense Information Systems Network
D/MM	digital and multimedia
DNA	deoxyribonucleic acid
DoD CIO	DoD Chief Information Officer
DODD	DoD Directive
DODI	DoD Instruction
DOJ	Department of Justice
EA	Executive Agent
EXCOM	Executive Committee
IED	improvised explosive device
IG DoD	Inspector General of the Department of Defense
JFC	joint force commander
JIEDDO	Joint Improvised Explosive Device Defeat Organization
PSA	Principal Staff Assistant
RDT&E	research, development, test, and evaluation
ROMO	range of military operations
U.S.C.	United States Code
USD(AT&L)	Under Secretary of Defense for Acquisition, Technology, and Logistics
USD(I)	Under Secretary of Defense for Intelligence
USD(P)	Under Secretary of Defense for Policy



USD(P&R)	Under Secretary of Defense for Personnel and Readiness
USG	United States Government
WTI	weapons technical intelligence

## PART II. DEFINITIONS

These terms and their definitions are for the purpose of this Directive.

authoritative data repository. The primary DoD-approved repository of information.

business operations. The policies, processes, information, and systems related to the end-to-end financial, logistical, facility management, human capital, acquisition, administrative, and other such functions of the DoD that support the warfighter.

DFE. The DoD resources, assets, and processes required to provide forensic capabilities in support of DoD operations.

D/MM forensics. The application of computer science and investigative procedures involving the examination of D/MM material. D/MM forensics is derived from a combination of definitions as it applies across the spectrum of computer forensics, audio forensics, image analysis, and video analysis.

computer and electronic device forensics. A sub-discipline of D/MM forensics that involves the scientific examination, analysis, and/or evaluation of digital and electronic materials.

audio forensics. A sub-discipline of D/MM forensics that involves the scientific examination, analysis, comparison, and/or evaluation of audio.

image analysis. A sub-discipline of D/MM forensics that involves the application of image science and domain expertise to examine and interpret the content of an image and/or the image itself.

video analysis. A sub-discipline of D/MM forensics that involves the scientific examination, comparison, and/or evaluation of video.

forensic science (often shortened to forensics). The application of multidisciplinary scientific processes to establish facts.

multimedia. The use of different formats for presenting information to convey information and content that utilizes a combination of different content forms. The term can be used as a noun (a medium with multiple content forms) or as an adjective describing a medium as having multiple content forms. The term is used in contrast to media that only utilize traditional forms of printed or hand-produced material. Multimedia includes a combination of text, audio, still images,

animation, video, and interactivity content forms, often packaged on compact disk-read only memory with links to the Internet.

questioned documents. Documents that undergo a forensic document examination to include the analysis and comparison of questioned handwriting, hand printing, typewriting, commercial printing, photocopies, papers, inks, and other documentary items with known material in order to establish the authenticity of the contested material as well as the detection of alterations.

ROMO. The spectrum of operations in which the future joint force is expected to engage.

U.S.-based forensics laboratories. Those DoD laboratories based in the United States that perform forensic analysis to support the Department's full range of military operations. These labs include:

- U.S. Army Criminal Investigation Laboratory
- Defense Computer Forensics Laboratory
- Armed Forces DNA Identification Laboratory
- Joint POW/MIA Accounting Command Central Identification Laboratory

WTI. A category of intelligence derived from the forensic and technical collection and exploitation of IEDs, associated components, improvised weapons, and other weapon systems.