



# Department of Defense

## **DIRECTIVE**

**NUMBER 5250.01**

January 22, 2013

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USD(I)

**SUBJECT:** Management of Intelligence Mission Data (IMD) in DoD Acquisition

**References:** See Enclosure 1

1. PURPOSE. This Directive:

a. Establishes policies and assigns responsibilities to provide linkages between the management, production, and application of DoD IMD under the Under Secretary of Defense for Intelligence (USD(I)), in accordance with DoD Directive (DoDD) 5143.01 (Reference (a)), and accommodation of IMD in the DoD acquisition processes under the Under Secretary of Defense for Acquisition, Technology, and Logistics (USD(AT&L)), in accordance with DoDD 5134.01 (Reference (b)).

b. Incorporates and cancels DoDD 5250.01 (Reference (c)), continuing the signature support mission (SSM) as part of IMD management within the DoD consistent with sections 139, 2366, and 2399 of title 10, United States Code (U.S.C.) (Reference (d)) and title 50, U.S.C. (Reference (e)).

c. Establishes a USD(I)-led governance structure to oversee IMD development, production, and sharing of IMD functional areas including, but not limited to, signatures, electronic warfare integrated reprogramming (EWIR), order of battle (OOB), system characteristics and performance (C&P), and geospatial intelligence (GEOINT). The governance structure, as described in Enclosure 2, also provides a means for examining intelligence support to acquisition-related issues requiring senior leadership attention.

2. APPLICABILITY. This Directive applies to:

a. OSD, the Military Departments, the Office of the Chairman of the Joint Chiefs of Staff (CJCS) 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 (hereinafter referred to collectively as the "DoD Components").

b. All acquisition programs and efforts, as defined in DoDD 5000.01 (Reference (f)) and DoD Instruction 5000.02 (Reference (g)), which are dependent upon IMD in development, testing, production, or operations.

c. IMD development, production, and sharing in support of acquisition programs and efforts.

3. DEFINITIONS. See Glossary.

4. POLICY. It is DoD policy that:

a. Standardized maintenance and dissemination processes shall be established to achieve the highest degree of efficiency and effectiveness in response to DoD requirements for IMD as defined in this Directive, DoDD 5240.01 (Reference (h)), and Director of Central Intelligence Directive 6/7 (Reference (i)).

b. Appropriate security regulations shall be followed and classification authority maintained over all IMD holdings. Disclosure and release shall adhere to Reference (i), DoD Manual 5200.01 (Reference (j)), DoDD 5230.11 (Reference (k)), and National Disclosure Policy-1 (Reference (l)) for all IMD and associated metadata submitted for inclusion in DoD data loads.

c. Life-cycle mission data plans (LMDPs) shall be established by the program office, or its predecessor organization, for each IMD-dependent acquisition program and effort beginning at Milestone A. Acquisition effort IMD dependency shall be identified in accordance with Principal Deputy Under Secretary of Defense for Acquisition, Technology, and Logistics Memorandum (Reference (m)).

d. All IMD required for IMD-dependent acquisition programs and efforts shall be produced by the DoD Intelligence Components unless waivers are coordinated by the USD(I), approved by the milestone decision authority, and documented in an acquisition decision memorandum.

e. A standardized and transparent data costing methodology for each functional area shall be used by all IMD producers.

f. A risk management process shall be included in DoD acquisition programs to determine the impact of IMD shortfalls to system capabilities over the life of the program. Results shall determine if a program's resourcing plan must include resourcing for additional IMD.

g. IMD production and collection requirements that can be met by an acquisition program and are validated by the capability requirements community shall be included in each LMDP.

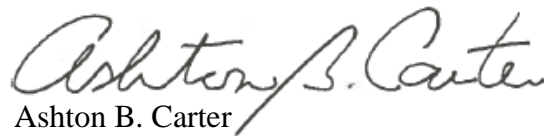
5. RESPONSIBILITIES. See Enclosure 3.

6. RELEASABILITY. UNLIMITED. 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:

a. Is effective January 22, 2013.

b. Must be reissued, cancelled, or certified current within 5 years of its publication in accordance with DoD Instruction 5025.01 (Reference (n)). If not, it will expire effective January 22, 2023 and be removed from the DoD Issuances Website.



Ashton B. Carter  
Deputy Secretary of Defense

Enclosures

1. References
2. Governance Structure
3. Responsibilities

Glossary

ENCLOSURE 1

REFERENCES

- (a) DoD Directive 5143.01, "Under Secretary of Defense for Intelligence (USD(I)),  
November 23, 2005
- (b) DoD Directive 5134.01, "Under Secretary of Defense for Acquisition, Technology, and  
Logistics (USD(AT&L)),  
December 9, 2005, as amended
- (c) DoD Directive 5250.01, "Management of Signature Support Within the Department of  
Defense," January 31, 2008 (hereby cancelled)
- (d) Title 10, United States Code
- (e) Title 50, United States Code
- (f) DoD Directive 5000.01, "The Defense Acquisition System," May 12, 2003, as amended
- (g) DoD Instruction 5000.02, "Operation of the Defense Acquisition System,"  
December 8, 2008
- (h) DoD Directive 5240.01, "DoD Intelligence Activities," August 27, 2007
- (i) Director of Central Intelligence Directive 6/7, "Intelligence Disclosure Policy (U),"  
April 20, 2001<sup>1</sup>
- (j) DoD Manual 5200.01, "DoD Information Security Program," Volumes 1-4, February 24,  
2012
- (k) DoD Directive 5230.11, "Disclosure of Classified Military Information to Foreign  
Governments and International Organizations," June 16, 1992
- (l) National Disclosure Policy-1, "National Policy and Procedures for the Disclosure of  
Classified Military Information to Foreign Governments and International Organizations,"  
October 2, 2007<sup>2</sup>
- (m) Principal Deputy Under Secretary of Defense for Acquisition, Technology, and Logistics  
Memorandum, "Document Streamlining- Program Strategies and Systems Engineering  
Plan," April 20, 2011<sup>3</sup>
- (n) DoD Instruction 5025.01, "DoD Directives Program," September 26, 2012
- (o) DoD Directive 5105.21, "Defense Intelligence Agency (DIA)," March 18, 2008
- (p) DoD Directive 4630.05, "Interoperability and Supportability of Information Technology  
(IT) and National Security Systems (NSS)," May 5, 2004, as amended
- (q) DoD Directive 5100.20, "National Security Agency/Central Security Service (NSA/CSS),"  
January 26, 2010
- (r) DoD Directive 5105.60, "National Geospatial-Intelligence Agency (NGA)," July 29, 2009
- (s) DoD Directive 5111.1, "Under Secretary of Defense for Policy (USD(P)),  
December 8, 1999
- (t) DoD Directive 5141.02, "Director of Operational Test and Evaluation (DOT&E),"  
February 2, 2009

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<sup>1</sup> Available to authorized users on SIPRNET from  
<http://www.intelink.sgov.gov/sites/ssc/capco/CAPCO%20Web%20Part%20Pages/DCID-6-7.aspx>.

<sup>2</sup> Provided to designated disclosure authorities on a need-to-know basis from the Defense Technology Security  
Administration, Office of the USD(P).

<sup>3</sup> Available at [http://www.acq.osd.mil/se/docs/PDUSD-ATLMemo-Expected-Bus-Practice-TDS\\_AS\\_SEP-20Apr11.pdf](http://www.acq.osd.mil/se/docs/PDUSD-ATLMemo-Expected-Bus-Practice-TDS_AS_SEP-20Apr11.pdf)

- (u) DoD Directive 5105.84, “Director of Cost Assessment and Program Evaluation (DCAPE),”  
May 11, 2012

ENCLOSURE 2

GOVERNANCE STRUCTURE

1. PURPOSE OF THE IMD GOVERNANCE STRUCTURE. The purpose of governance is to provide the DoD intelligence, acquisition, and requirements communities, within their existing authorities, a forum in which to:

- a. Consult and collaborate on competing and interdependent priorities and issues that impact risks to capability.
- b. Guide their respective communities to develop a common, rational, and consistent basis for collective investment and risk mitigation.

2. INTELLIGENCE MISSION DATA SENIOR STEERING GROUP (IMDSSG)

a. The purpose of the IMDSSG is to influence IMD policy, guidance, and priorities of its member organizations by raising appropriate IMD issues to senior decision forums, such as the Intelligence, Surveillance, and Reconnaissance (ISR) Integration Council, Defense Acquisition Board, and Joint Requirements Oversight Council.

b. The membership of the IMDSSG shall be limited to full-time or permanent part-time Government employees or Service members and shall consist of general or flag officers (G/FOs) or civilian equivalent representatives who report directly to the DoD Component Head. The IMDSSG shall be co-chaired by a representative both the USD(I) and the Director, Defense Intelligence Agency (DIA).

c. The IMDSSG shall consist of representatives of certain OSD and DoD Components including, but not limited to:

- (1) USD(I).
- (2) USD(AT&L).
- (3) Under Secretary of Defense for Policy (USD(P)).
- (4) CJCS.
- (5) Secretaries of the Military Departments.
- (6) Director, DIA.
- (7) Director, National Security Agency/Chief, Central Security Service. (DIRNSA/CHCSS).

(8) Director, National Geospatial-Intelligence Agency (NGA).

(9) Director, Operational Test and Evaluation (DOT&E).

(10) Director, Cost Assessment and Program Evaluation (DCAPE).

d. The USD(I) may invite a representative from the Office of the Director of National Intelligence (ODNI) to participate for the purpose of information exchange on IMD issues.

### 3. INTELLIGENCE MISSION DATA OVERSIGHT BOARD (IMDOB)

a. The IMDOB shall address IMD development, production, and sharing issues that arise in support of DoD acquisition. The IMDOB shall raise appropriate issues and topics to the IMDSSG. Topics will include, but not be limited to, standardizing architecture and dissemination methods, data costing, and risk management procedures.

b. The membership of the IMDOB shall be limited to full-time or permanent part-time Government employees or Service members and shall consist of G/FOs or civilian equivalent representatives. The IMDOB shall be co-chaired by both USD(I) and Director, DIA, representatives.

c. The IMDOB shall consist of representatives of OSD and DoD Components including, but not limited to, those organizations listed in subparagraphs 2.c.(1) through 2.c.(10) of this enclosure.

d. The USD(I) may invite an ODNI representative to participate for the purpose of information exchange on IMD issues.

ENCLOSURE 3

RESPONSIBILITIES

1. USD(I). The USD(I), in accordance with Reference (a), shall:

a. Provide advice and assistance, as appropriate, to the USD(AT&L) concerning acquisition policy, procedures, and programs that require the development, production, and sharing of IMD.

b. Oversee DoD development and implementation of intelligence policy, plans, programs, capabilities, and resources for IMD development, production, and sharing.

c. Receive assistance for IMD oversight through the governance structure described in Enclosure 2.

d. Assign a representative who shall serve as co-chair of the IMDSSG and IMDOB, described at Enclosure 2.

e. Represent DoD Intelligence Components' equities in the development of IMD resourcing strategies to manage risk to capabilities of acquisition programs.

2. DIRECTOR, DIA. The Director, DIA, under the authority, direction, and control of the USD(I) and in accordance with DoDD 5105.21 (Reference (o)), shall:

a. Maintain a Signature Support Program to manage and execute the SSM as part of managing DoD IMD to accomplish the policy objectives of this Directive.

b. Provide program and mission management for DIA-produced IMD including, but not limited to, signatures, EWIR, OOB, and C&P for acquisition processes and programs to accomplish and support the policies of this Directive.

c. Establish the Intelligence Mission Data Center (IMDC) to assist IMD governance by the IMDSSG and IMDOB. The IMDC shall:

(1) Serve as the enterprise focal point for IMD development, production, and sharing.

(2) Identify common IMD requirements across acquisition programs, efforts, and operational systems.

(3) Facilitate discovery and sharing of existing IMD. Advocate and communicate formats and standards conducive for acquisition use. Assist the USD(I) to ensure data complies with all DoD policies, including DoDD 4630.05 (Reference (p)).



(4) Facilitate and coordinate the assessment of LMDPs in support of the IMD producers and the acquisition process.

(5) Facilitate examination of IMDOB topics.

d. Provide IMD, level of data availability, IMD costing, development of data architecture, formats, compatibility and standards, and dissemination and data management for acquisition program requirements.

e. Co-chair the IMDSSG and IMDOB, described at Enclosure 2, and assign representation.

f. Assist the USD(I) in the preparation of resource strategies to accomplish support under DIA purview stated in this Directive, including DIA resource requirements.

3. DIRNSA/CHCSS. The DIRNSA/CHCSS, under the authority, direction, and control of the USD(I) and in accordance with DoDD 5100.20 (Reference (q)), shall:

a. Provide signals intelligence-related support for IMD production and related IMD for acquisition processes.

b. Participate in and provide IMD, level of data availability, IMD costing, development of data architecture, formats, compatibility and standards, dissemination, and data management for acquisition program requirements.

c. Assign appropriate representation to the IMDSSG and IMDOB, described at Enclosure 2.

4. DIRECTOR, NGA. The Director, NGA, under the authority, direction, and control of the USD(I) and in accordance with DoDD 5105.60 (Reference (r)), shall:

a. Provide program management for GEOINT production in supporting and providing appropriate IMD for acquisition processes.

b. Provide GEOINT-related IMD, level of data availability, IMD costing, development of data architecture, formats, compatibility and standards, dissemination, and data management for acquisition program requirements.

c. Assign appropriate representation to the IMDSSG and IMDOB, described at Enclosure 2.

5. USD(AT&L). The USD(AT&L), in accordance with Reference (b), shall:

a. Ensure each program office or its predecessor organization plans and manages their life-cycle IMD requirements and address risk of projected shortfalls throughout acquisition and

sustainment. The risk management process and planning shall begin prior to Milestone A in concert with the analysis of alternatives and the initiation of an LMDP.

b. Ensure that requirements and program needs for IMD are addressed by the program manager in program development, testing, fielding, operation, and sustainment of required weapons, smart munitions, sensors, and systems capabilities. IMD-dependent programs shall incorporate the status, risk summary, and, when applicable, the funding for any projected IMD shortfalls into the technology development strategy or acquisition strategy, as appropriate for the respective milestone, for both development and life-cycle support.

c. Assign appropriate representation to the IMDSSG and IMDOB, described at Enclosure 2.

d. Represent DoD Acquisition Community equities in the development of IMD resourcing strategies to manage risk to capabilities of acquisition programs.

6. USD(P). The USD(P), in accordance with DoDD 5111.1 (Reference (s)), shall assign appropriate representation to the IMDSSG and IMDOB, described at Enclosure 2, to address foreign disclosure of IMD topics.

7. DOT&E. The DOT&E, in accordance with DoDD 5141.02 (Reference (t)), shall:

a. Consider the adequacy of IMD in determining an acquisition system's operational effectiveness, suitability, and survivability.

b. Assign appropriate representation to the IMDSSG and IMDOB, described at Enclosure 2.

8. DCAPE. The DCAPE, in accordance with DoDD 5105.84 (Reference (u)), shall assign appropriate representation to the IMDSSG and IMDOB to provide independent advice on IMD costing methodologies.

9. CJCS. The CJCS shall:

a. Assign appropriate representation to the IMDSSG and IMDOB.

b. Provide independent advice on DoD Requirements Community equities.

10. SECRETARIES OF THE MILITARY DEPARTMENTS. The Secretaries of the Military Departments shall:

a. Participate in the development of data architecture, formats, compatibility and standards, and dissemination and data management for IMD acquisition program requirements.

b. Ensure that Military Service Intelligence Production Centers provide IMD, level of data availability, and IMD production costing for IMDC, acquisition, and operational use.

c. Provide collected or produced non-DoD data, developed in accordance with paragraph 4.d. of this Directive, to IMD producers in order to optimize the sharing of information. This includes contractor-produced data to be provided to the DoD for Government use and for sharing with other program offices.

d. Ensure that program needs for IMD, including U.S., allied, or coalition mission data, are addressed by the program manager in program development and during testing, fielding, operation, sustainment, and maintenance of systems.

e. For Military Service programs, ensure program management offices work with their Component-level requirements and resource managers to articulate program needs and pursue a resourcing strategy to obtain required IMD not currently available from the DoD Intelligence Components.

f. Assign appropriate representation to the IMDSSG and the IMDOB, as described at Enclosure 2.

GLOSSARY

PART I. ABBREVIATIONS AND ACRONYMS

|              |   |
|--------------|---|
| C&P          | characteristics and performance                                       |
| CJCS         | Chairman of the Joint Chiefs of Staff                                 |
| DCAPE        | Director, Cost Assessment and Program Evaluation                      |
| DIA          | Defense Intelligence Agency   |
| DIRNSA/CHCSS | Director, National Security Agency/Chief, Central Security Service    |
| DoDD         | DoD Directive   |
| DOT&E        | Director, Operational Test and Evaluation                             |
| EWIR         | electronic warfare integrated reprogramming                           |
| GEOINT       | geospatial intelligence   |
| G/FO         | general or flag officer   |
| IMD          | intelligence mission data   |
| IMDC         | Intelligence Mission Data Center                                      |
| IMDOB        | Intelligence Mission Data Oversight Board                             |
| IMDSSG       | Intelligence Mission Data Senior Steering Group                       |
| ISR          | intelligence, surveillance, and reconnaissance                        |
| LMDP         | life-cycle mission data plan  |
| NGA          | National Geospatial-Intelligence Agency                               |
| ODNI         | Office of the Director of National Intelligence                       |
| OOB          | order of battle   |
| SSM          | signature support mission   |
| 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

## PART II. DEFINITIONS

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

C&P. All-source derived assessments of foreign military system capabilities and physical attributes.

combat identification. The process of attaining an accurate characterization of detected objects in the battle space to the extent that high confidence, timely application of tactical military options, and weapons resources can occur.

EWIR data. All-source derived data describing observed and assessed radio frequency parametric data. The EWIR database includes threat, neutral military, and friendly and commercial system mission data.

GEOINT. Defined in Reference (r).

IMD. DoD intelligence used for programming platform mission systems in development, testing, operations, and sustainment including, but not limited to, the functional areas of signatures, EWIR, OOB, C&P, and GEOINT.

IMD-dependent programs. Any acquisition programs that will require IMD (e.g., programs that carry out combat identification, ISR, and targeting using, but not limited to, signatures, EWIR, OOB, C&P and GEOINT.)

IMD management. The management of mission data production and costing, storage, maintenance, and dissemination processes to achieve the highest degree of efficiency and effectiveness in response to validated DoD requirements.

LMDP. A statement of program needs that is applied throughout the life of an IMD-dependent acquisition program and potentially influences programmatic decisions based on the availability of IMD over the life of the program.

OOB. The identification, command structure, strength, and disposition of personnel, equipment, and units of an armed force.

risk management. The process that identifies, analyzes, and mitigates risks to capabilities due to gaps in IMD availability.

signature. A distinctive characteristic or set of characteristics that consistently recurs and identifies a piece of equipment, material, activity, individual, or event such as a radio frequency or acoustic characteristics.

SSM. The life-cycle management of standardizing the signatures collection, processing, development, storage, maintenance, and dissemination processes to achieve the highest degree of efficiency and effectiveness in meeting DoD operational signature requirements. Includes the provision of a single access point for each security domain for all DoD signatures within the DoD signatures pool.