Department of Defense
DIRECTIVE

SUBJECT: Maritime Domain Awareness (MDA) in the Department of Defense

References: See Enclosure 1

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

    a. Reissues DoD Directive 2005.02E (Reference (a)) to establish policy and assign responsibilities for MDA, by which DoD:

        (1) Contributes to the effective understanding of the global maritime domain and its impact on the security, safety, economy, and environment of the United States.

        (2) Distributes maritime information, including intelligence, in support of DoD missions globally.

        (3) Integrates MDA with awareness in the land, air, cyber, and space domains to provide commanders, decision makers, and responders with near-real-time integrated domain awareness.

    b. Designates the Secretary of the Navy as the DoD Executive Agent (EA) for MDA, in accordance with DoD Directive 5101.1 (Reference (a)).

    c. Designates the Under Secretary of Defense for Policy (USD(P)) as the OSD Principal Staff Assistant to oversee the activities of the DoD EA for MDA in accordance with Reference (a).

2. <u>APPLICABILITY</u>. This directive applies to 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 DoD (referred to collectively in this directive as the "DoD Components").

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

a. MDA efforts within DoD will align with and build upon interagency efforts to strengthen and enhance the maritime information sharing environment and to maximize intelligence integration, such as the National MDA Plan for the National Strategy for Maritime Security (Reference (c)).

b. MDA, as one component of DoD's all-domain awareness, will be implemented within the context of national and DoD information and data-sharing guidance, in accordance with Reference (b) and Executive Order 13388, DoD Information Sharing Strategy, the DoD Information Strategy Implementation Plan, the DoD Net-Centric Data Strategy, DoD Instruction 8500.01, and DoD Instruction 8320.02 (References (d) through (i)), and consistent with the National Strategy for Information Sharing and Safeguarding (Reference (j)).

c. DoD, in coordination with its MDA partners, will:

(1) Monitor activities in the maritime domain, through the interconnected use of land-, air-, space-, and sea-based radars, sensors, and information systems, to identify and evaluate potential and actual maritime threats in a timely manner.

(2) Fuse data, analyze, and distribute information to enhance operational decision-making processes and support of operational plans identified in Presidential Policy Directive 18 (Reference (k)). These plans include the Maritime Operational Threat Response for the National Strategy for Maritime Security (Reference (l)).

d. DoD will determine its resource priorities; the awareness levels needed to monitor maritime vessels, people, cargo, and infrastructure; and the architecture required to monitor the maritime domain.
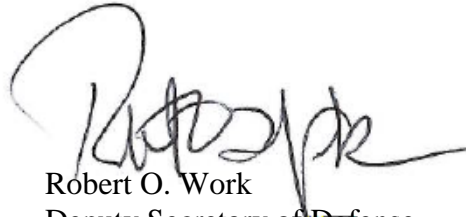
e. DoD will promote activity transparency and the sharing of data and information required for MDA with other federal departments and agencies and, as appropriate, with State, tribal, and local governments, the private sector, partner nations, and international organizations in accordance with federal laws and policies.

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

5. <u>RELEASABILITY</u>. **Cleared for public release**. This directive is available on the DoD Issuances Website at http://www.dtic.mil/whs/directives.

6. <u>SUMMARY OF CHANGE 1</u>. The changes to this issuance are administrative and update references for accuracy.

7. <u>EFFECTIVE DATE</u>. This directive is effective March 31, 2015.

Robert O. Work
Deputy Secretary of Defense

Enclosures
   1. References
   2. Responsibilities
Glossary

ENCLOSURE 1

REFERENCES

(a) DoD Directive 2005.02E, "Maritime Domain Awareness (MDA) in the Department of Defense," August 27, 2008 (hereby cancelled)
(b) DoD Directive 5101.1, "DoD Executive Agent," September 3, 2002, as amended
(c) "National Maritime Domain Awareness Plan for the National Strategy for Maritime Security," December 2013
(d) Executive Order 13388, "Further Strengthening the Sharing of Terrorism Information to Protect Americans," October 25, 2005
(e) DoD Chief Information Officer Memorandum, "DoD Information Sharing Strategy," May 4, 2007
(f) Office of the DoD Chief Information Officer, "DoD Information Sharing Implementation Plan," April 2009
(g) DoD Chief Information Officer Memorandum, "DoD Net-Centric Data Strategy," May 9, 2003
(h) DoD Instruction 8500.01, "Cybersecurity," March 14, 2014
(i) DoD Instruction 8320.02, "Sharing Data, Information, and Information Technology (IT) Services in the Department of Defense," August 5, 2013
(j) "National Strategy for Information Sharing and Safeguarding," December 2012[1]
(k) Presidential Policy Directive 18, "Maritime Security," August 2012[2]
(l) "Maritime Operational Threat Response for the National Strategy for Maritime Security," October 2006[3]
(m) DoD Directive 1322.18, "Military Training," January 13, 2009
(n) DoD Manual 8910.01, Volume 1, "DoD Information Collections Manual: Procedures for DoD Internal Information Collections," June 30, 2014, as amended

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[1] Available at http://www.ise.gov/sites/default/files/2012infosharingstrategy.pdf

[2] Copies are available from the OSD Principal Staff Assistant for authorized users.

[3] Copies are available to authorized users via the Defense SECRET Internet Protocol Router Network at http://www.uscg.smil.mil/sites/gmcc/default.aspx.

ENCLOSURE 2

RESPONSIBILITIES

1. <u>USD(P)</u>. The USD(P):

    a. In coordination with the Under Secretary of Defense for Intelligence (USD(I)), oversees and provides policy guidance to the DoD EA for MDA. Ensures compatibility of DoD MDA efforts with national MDA policy and interoperability, as appropriate, with other MDA efforts by other nations and international organizations.

    b. Serves as the principal OSD representative in interagency MDA policy forums.

    c. Provides necessary policy support and advocacy for the DoD EA for MDA.

    d. Provides periodic progress reports on MDA implementation to the Deputy Secretary of Defense.

    e. In coordination with the DoD EA for MDA, develops, coordinates, and publishes guidance on the roles, responsibilities, authorities, and relationships for the DoD EA for MDA and associated MDA stakeholders.

    f. Ensures that the Assistant Secretary of Defense for Homeland Defense and Global Security provides a representative to the DoD MDA Senior Advisory Group (SAG).

2. <u>USD(I)</u>. The USD(I):

    a. Represents the DoD EA for MDA and the USD(P) to the Director of National Intelligence on DoD-related MDA matters.

    b. In coordination with the DoD EA for MDA and the USD(P), ensures that DoD policies, processes, and requirements concerning the integration of maritime intelligence outlined in Reference (b) are properly incorporated with DoD MDA efforts.

    c. Ensures DoD intelligence expenditures support operational needs and validated MDA requirements.

    d. Provides supplemental guidance as necessary to the Defense Intelligence Components to implement this directive.

    e. Coordinates on any other MDA-related intelligence, counterintelligence, or security matters under USD(I) purview.

f. Submits the Defense Intelligence Components' programmed and planned MDA capabilities as part of the normal Planning, Programming, Budgeting, and Execution (PPBE) process.

g. Provides a representative to the DoD MDA SAG.

3. <u>UNDER SECRETARY OF DEFENSE (COMPTROLLER)/CHIEF FINANCIAL OFFICER, DEPARTMENT OF DEFENSE (USD(C)/CFO)</u>. The USD(C)/CFO, in coordination with the DoD EA for MDA and the Secretaries of the Military Departments, complies with Reference (a) and ensures that DoD expenditures on maritime-related data and information-sharing capabilities include validated MDA requirements.

4. <u>UNDER SECRETARY OF DEFENSE FOR PERSONNEL AND READINESS (USD(P&R))</u>. The USD(P&R):

a. Provides a representative to the DoD MDA SAG.

b. Consistent with DoD Directive 1322.18 (Reference (m)):

(1) Oversees and provides policy for individual and functional training programs for military and civilian personnel, and the collective training programs for military units and staffs relating to MDA.

(2) Identifies, monitors, and oversees the development of integrated training capabilities in support of MDA, and the integration of these training capabilities into exercises and training to build, sustain, and assess readiness.

5. <u>UNDER SECRETARY OF DEFENSE FOR ACQUISITION, TECHNOLOGY, AND LOGISTICS (USD(AT&L))</u>. The USD(AT&L) provides a representative to the DoD MDA SAG.

6. <u>DoD CHIEF INFORMATION OFFICER (DoD CIO)</u>. The DoD CIO:

a. Advises the DoD EA for MDA and the USD(P) in delivering a trusted MDA information environment for DoD and its mission partners and developing an MDA architecture that is compliant with References (e), (g), and (i).

b. Provides a representative to the DoD MDA SAG.

7. <u>DoD COMPONENT HEADS</u>. The DoD Component heads revise existing policies or develop new policies, as necessary, to implement this directive and to achieve DoD Component-specific DoD MDA program goals and objectives.

8. <u>SECRETARIES OF THE MILITARY DEPARTMENTS</u>. In addition to the responsibilities in section 7 of this enclosure, the Secretaries of the Military Departments:

    a. Coordinate with the DoD EA for MDA on MDA initiatives and resource planning.

    b. Provide appropriate representatives to serve on the DoD MDA SAG and other coordinating bodies, as requested by the DoD EA for MDA.

    c. Provide supplemental Military Department guidance as necessary to implement this directive.

    d. Submit programmed and planned MDA capabilities as part of the normal PPBE process.

9. <u>SECRETARY OF THE NAVY</u>. In addition to the responsibilities in sections 7 and 8 of this enclosure and in his or her capacity as the DoD EA for MDA, the Secretary of the Navy:

    a. Oversees execution of MDA initiatives within DoD and coordinates on MDA policy with the USD(P).

    b. Ensures that continuous, global, and sustainable support for DoD MDA implementation is coordinated with the DoD Components.

    c. In coordination with the USD(P) and USD(I), develops and distributes goals, objectives, and desired effects for MDA as they pertain to DoD missions.

    d. Identifies and updates MDA requirements and resources for the effective performance of DoD missions, coordinating closely with the USD(I), for relevant intelligence and security matters, and the CJCS to direct:

        (1) Consolidation of Combatant Commander requirements.

        (2) Coordination on DoD maritime-related intelligence, surveillance, and reconnaissance initiatives, resources, and solutions.

        (3) Performance of required operational evaluations.

        (4) Validation of requirements through the Joint Capabilities Integration and Development System.

        (5) Proposals for additional DoD guidance as needed.

e. Recommends, as required, DoD-wide MDA planning and programming guidance to the USD(P) and the Director, Cost Analysis and Program Evaluation, for consideration in their formulation of planning and programming guidance documents. In accordance with procedures outlined in Volume 1 of DoD Manual 8910.01 (Reference (n)), the DoD EA for MDA will request that DoD Components provide information regarding programmed and planned MDA capabilities on a periodic basis, as appropriate.

f. In coordination with the USD(P), and as needed, convenes and chairs the DoD MDA SAG.

g. In coordination with the USD(P) and the CJCS:

(1) Establishes liaison with appropriate interagency and international partners in conducting the duties of the DoD EA for MDA.

(2) Provides support to the USD(P) on interagency and DoD MDA policy initiatives.

(3) Provides support to the USD(AT&L) on DoD MDA resource requirements.

h. Periodically updates the USD(P) on the progress of MDA implementation.

i. Designates a representative at the general or flag officer level or Senior Executive Service equivalent to serve as a Principal to the MDA Executive Steering Committee. This Principal will coordinate MDA policies, strategies, and initiatives across the Federal Government in accordance with Reference (b).

10. <u>CJCS</u>. In addition to the responsibilities in section 7 of this enclosure, the CJCS:

a. Provides military advice to the DoD EA for MDA and the USD(P) on operational, policy, programming, and budgetary issues pertaining to MDA.

b. Communicates requests to the Combatant Commanders, as necessary, to support the efforts of the DoD EA for MDA; facilitates achievement of MDA objectives; and represents the interests of the Combatant Commanders in MDA policy forums.

c. Ensures Combatant Commander MDA requirements are appropriately presented to the DoD EA for MDA and the USD(P).

d. Provides a representative to the DoD MDA SAG.

11. <u>COMBATANT COMMANDERS</u>. In addition to the responsibilities in section 7 of this enclosure, the Combatant Commanders:

a. Monitor activities in the maritime domain to identify potential and actual maritime threats in a timely fashion to enhance operational decision-making processes and in support of operational plans including Reference (l).

b. Respond to MDA guidance from the DoD EA for MDA through the CJCS, and provide input to the DoD EA for MDA via the CJCS.

c. Identify and validate MDA requirements for their commands.

d. Submit programmed and planned MDA capabilities as part of the normal PPBE process.

12. DoD MDA SAG. The DoD MDA SAG:

a. Provides recommendations regarding funding and priorities to the DoD EA for MDA.

b. Coordinates resources and initiatives across DoD to maximize MDA capabilities while minimizing redundancies.

c. Provides recommendations to the DoD EA for MDA and the USD(P) regarding roles in MDA efforts at the national level, including cooperation with other government agencies.

d. Advises and makes recommendations to the DoD EA for MDA and the USD(P) on the sharing of DoD MDA information and intelligence with other nations and international organizations.

GLOSSARY

PART I. ABBREVIATIONS AND ACRONYMS

CJCS	Chairman of the Joint Chiefs of Staff
DoD CIO	DoD Chief Information Officer
EA	Executive Agent
MDA	Maritime Domain Awareness
PPBE	Planning, Programming, Budgeting, and Execution
SAG	Senior Advisory Group
USD(AT&L)	Under Secretary of Defense for Acquisition, Technology, and Logistics
USD(C)/CFO	Under Secretary Of Defense (Comptroller)/Chief Financial Officer, Department of Defense
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

PART II. DEFINITIONS

Unless otherwise noted, these terms and their definitions are for the purpose of this directive.

DoD EA. Defined in Reference (a).

maritime domain. Defined in Reference (b).

MDA. Defined in Reference (b).