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DDR&E

Department of Defense Directive

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SUBJECT Electronics Intelligence (ELINT) (U)

Refs.: (a) NSCID No. 6, dated September 15, 1958, as amended January 18, 1961

(b) NSCID No. 5, dated January 18, 1961

(c) National ELINT Plan, dated February 8, 1966

(d) DOD Directive S-3115.2, dated March 19, 1959, "Electronics Intelligence (ELINT)" (hereby cancelled)

I. PURPOSE AND APPLICABILITY

This Directive implements the ELINT provisions of reference (a) and delineates Department of Defense responsibilities for carrying them out. Its provisions apply to all DOD Components.

II. DEFINITIONS

A. "ELINT" is the intelligence information product resulting from the collection and processing, for subsequent intelligence purposes, of foreign, non-communications, electromagnetic radiations emanating from other than atomic detonations or radioactive sources. Such collection and processing activities are designated "ELINT activities".

B. "ELINT operational control" is the authoritative direction of ELINT collection and processing activities by the assignment of tasks, designation of specific targets and the allocation of effort.

C. "ELINT technical control" is the authoritative prescription of those uniform techniques and standards by which ELINT information is collected, processed, and reported in satisfaction of technical as well as intelligence requirements without interference to operational control. ELINT technical control includes the authority to conduct technical review of ELINT plans and programs to insure

EXCLUDED FROM AUTOMATIC REGRADING; DOD DIR 5200.10 DOES NOT APPLY

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ANNEX To
NSA REG 21-6
Dated 4 May 67

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technical adequacy.

D. "ELINT requirements" are statements by authorized recipients of the general topics or specific items of information desired by the recipients to be derived from ELINT.

E. "ELINT support" is the provision of ELINT to a command or other user or organization in response to operational or intelligence requirements. ELINT support may be accomplished by ELINT direct service or ELINT direct support, or both.

F. "ELINT direct service" is a reporting procedure to provide ELINT on a timely basis to a military commander or other authorized recipient in response to stated ELINT requirements. The ELINT may vary from recurring, serialized reports produced at NSA to instantaneous aperiodic reports on target activity passed to the commander or other recipient from an interception or processing activity.

G. "ELINT direct support" is the provision of ELINT information to a military command or other designated user by a subordinate unit, or by a cryptologic element or component thereof, the operational control of which has been delegated. The facilities and resources of elements or components so designated are employed in the satisfaction of direct support intelligence requirements.

H. "Electronic warfare" (EW) is the military use of electronics involving actions taken to prevent or reduce an enemy's effective use of radiated electromagnetic energy, and actions taken to insure our own effective use of radiated electromagnetic energy.

1.. Electronic warfare includes electronic countermeasures and electronic counter-countermeasures. Electronic countermeasures (ECM) are either active or passive in nature. Active electronic countermeasures include jamming and deception. Passive electronic countermeasures include the search, intercept, direction finding, range estimation and signal analysis of electromagnetic radiations.

2. Electronic warfare operations are conducted for other than subsequent intelligence purposes and, therefore, are outside the scope of this Directive. However, in recognition of the similarities between some passive electronic countermeasures and ELINT activities, the following considerations apply. Passive electronic countermeasures:

a. Are performed in direct support of operations conducted for other than intelligence purposes. The term "operations" includes training and test exercises and is not confined to wartime activities.

b. Are performed by equipment which, though it may be identical to that used by ELINT units for intelligence purposes, is an essential component of the weapons system, facility, and activity which has an operational mission or objective.

c. May be tasked through the appropriate command channels in fulfillment of ELINT requirements, provided such tasks are consistent with, and do not conflict with the execution of, the primary mission.

I. "ELINT technical support" is the provision of technical information, specialized equipment, engineering assistance, and analytic service required to facilitate the collection, processing, analysis, and reporting of ELINT. Technical guidance is a function of technical support.

J. "ELINT technical guidance" is the act of providing technical ELINT information or other assistance of an advisory nature.

K. "ELINT processing" is the selection and preparation of raw data, in a readable or graphic form, for analytical consideration to satisfy requirements for information, to provide technical guidance to collectors and to facilitate operational product reporting.

III. RESPONSIBILITIES

Under the provisions of reference (a), the Secretary of Defense is designated as Executive Agent for the U.S. Government for the conduct of ELINT activities and for maintenance and operation of the National Security Agency. In carrying out this Executive Agent responsibility:

A. The Secretary of Defense will:

1. Specify the channels through which the Director, NSA will report to him.

2. Establish levels of resources for the conduct of ELINT activities by the DOD Components. (Provision for appropriate military and civilian manpower, logistics and RDT&E for ELINT activities is made by their inclusion in the combined programs/budgets of the military departments and other DOD components.)

3. Determine the ELINT activities which are essential to provide support to commanders who plan and conduct military operations, and which must be directly assigned by him to assure an integral ELINT capability to such commanders; and delegate to those commanders (or to the cryptologic agencies which support them) the responsibility to conduct such activities.

   a. Generally, such activities will include ELINT collection and processing integral to ferret aircraft operations, submarine and surface patrol operations, and ground combat surveillance operations.

   b. Consideration will be given (in making these determinations and delegations and subsequent changes thereto) to specific proposals submitted by the Joint Chiefs of Staff, the military departments and other concerned agencies.

B. The Joint Chiefs of Staff (JCS) will -

1. Review the ELINT plans and programs of the DOD components to assess their adequacy and responsiveness to approved military plans in support of the needs of the national military command authorities, the unified and specified commands, the DIA, the military departments, and agencies established by the Secretary of Defense, and make comments or recommendations thereon to the Secretary of Defense.

2. Evaluate requests, submitted by the unified and specified commands, for ELINT direct support to be provided by units under NSA operational control and forward approved requests to the Director, NSA.

3. Review the requirements of military departments and commanders of unified and specified commands for direct support by integral ELINT activities under the provisions of Paragraph III.A.3. above, obtain comments from the Director, NSA, and make recommendations to the Secretary of Defense.

4. Inform the unified and specified commands of the integral direct support ELINT resources which have been assigned to them, the operational control of which has been delegated to the commands by the Secretary of Defense.

5. Coordinate, direct and supervise ELINT collection operations conducted by airborne and seaborne platforms.

C. The Director, National Security Agency (NSA) will -

1. Exercise technical control of all the ELINT activities of the U.S. and operational control of all except those conducted under the provisions of Paragraph III.A.3. and of NSCID No. 5, and provide for this control an effective unified organization and integrated policies and procedures.

2. Coordinate the implementation of the National ELINT Plan.

3. Produce ELINT information in accordance with objectives, requirements, and priorities established by the U.S. Intelligence Board (USIB).

4. Task the telemetry collection and processing resources of the Department of Defense.

5. Plan, program, and budget for NSA ELINT activities.

6. Conduct a technical review of all U.S. ELINT plans and programs, and provide technical guidance and support.

7. Conduct a technical assessment program, in coordination with DIA and the Central Intelligence Agency (CIA), to evaluate all existing U.S. and U.S.-sponsored ELINT resources and validated ELINT requirements to establish optimum tasking of the several ELINT collection resources, to perform technical validation of airborne ELINT collection operations, and to provide an adequate ELINT planning base.

8. Advise the JCS and Secretary of Defense, as appropriate, in their consideration of the determinations and delegations referred to in Paragraph III.A.3. above.

9. Provide advice and assistance to the commanders of unified and specified commands and the military component commands thereof in the drafting of ELINT requirements for inclusion in command operational plans, review such requirements and make provisions for appropriate ELINT support.

10. Technically assess requests for ELINT direct support submitted by the commanders of unified and specified commands as approved and forwarded to NSA by the JCS, giving due consideration to national ELINT requirements and available ELINT resources.

11. Delegate, except as provided in Paragraph III.A.3. above, operational control of specified ELINT facilities and resources to appropriate authorities for such periods and for such tasks as are determined by him to be necessary, including those tasks to meet the direct support requirements of military departments and commanders.

12. Review proposed programs for ELINT activities under his operational control and submit his recommendations thereon to the Secretary of Defense; and, as collateral action officer, review and submit recommendations to the Secretary on all other proposed DOD ELINT programs.

13. Review the ELINT RDT&E requirements of the DOD components and submit his recommendations thereon to the Director of Defense Research and Engineering.

14. Under the direction of the Director of Defense Research and Engineering and in collaboration with all participating departments and agencies, establish a mechanism and procedures for the effective planning, coordination, technical evaluation, integration, and execution of the total U.S. RDT&E effort for ELINT.

15. After coordination with the military departments and subject to approval by the Director of Defense Research and Engineering, initiate and accomplish such ELINT RDT&E projects as may be necessary.

16. Make available to the military departments and agencies ELINT and information concerning techniques, procedures, and equipment evolved as a result of ELINT RDT&E programs and projects which have potential application in electronic warfare or other activities outside the scope of this directive.

17. Standardize, in collaboration with the military departments, ELINT facilities and equipment as practicable.

18. Provide technical guidance and support, including engineering assistance and analytic service, to all U.S. ELINT activities.

19. Coordinate all U.S. ELINT training activities and establish ELINT training standards, to include provision of technical guidance and support.

20. Ascertain the U.S. requirements for specialized ELINT training, particularly as related to advance analysis techniques and certain special collection projects, and provide for such training.

21. Establish with non-DOD departments and agencies procedures for the conduct and support of ELINT activities by those departments and agencies in consonance with the provisions of reference (a) and reference (c), subject to the approval of the Secretary of Defense.

D. The Director, Defense Intelligence Agency (DIA) will -

1. Provide for the assembly, integration, and validation of all DOD ELINT requirements and the assignment of relative priorities thereto, in consonance with the objectives and priorities established by the USIB.

2. Forward all validated DOD ELINT requirements to NSA for appropriate action, and maintain these requirements under continuous review.

3. Participate in the technical assessment, planning, and programming conducted by the Director, NSA, as specified in Paragraph III.C. above.

4. Levy ELINT collection requirements, in coordination with the JCS, upon the unified and specified commands and the military departments for fulfillment by ELINT activities which they conduct, taking into consideration the findings of the NSA-conducted technical assessment program.

5. Provide for the exploitation of ELINT and its correlation with non-ELINT information throughout the Department of Defense, to produce finished intelligence required by the appropriate recipients.

6. Insure the appropriate balance and interrelationship between ELINT and intelligence information acquired from all sources for the satisfaction of over-all DOD intelligence needs.

7. Assist NSA in the development of a system which will provide for the continued technical evaluation of the total U.S. ELINT collection posture with respect to all U.S. intelligence requirements.

8. Review proposed programs for ELINT activities assigned in accordance with Paragraph III.A.3. above and submit his recommendations thereon to the Secretary of Defense; and, as collateral action officer, review and submit recommendations to the Secretary on other proposed DOD ELINT programs.

9. Prescribe intelligence reporting requirements and recipients, and collaborate with NSA to insure that the results of ELINT collection and processing are compatible with intelligence production activities within DIA purview.

10. In collaboration with the military departments and the unified and specified commands, evaluate the contribution of ELINT, in relation to all other intelligence information, in the production of finished intelligence within the Department of Defense.

E. The Secretaries of the Military Departments will -

1. Plan, program and budget for their respective ELINT activities.

2. Organize, train, equip, administer, and operate their respective ELINT units and organizations.

3. Provide the necessary ELINT facilities and resources for the support of military operations and of the national ELINT effort as authorized and directed by the Secretary of Defense, including reserve programs to meet emergency or wartime requirements for ELINT resources.

4. Perform ELINT intercept and processing tasks as specified by the Director, NSA, in accordance with Paragraphs III.C.1. and III.C.4.

5. Provide to DIA and NSA, plans pertaining to the operation, support and administration of military department sponsored foreign ELINT programs for technical review, assessment, and inclusion in the DOD and U.S. Government plans for ELINT activities.

6. Assign military personnel to NSA in accordance with approved requirements.

7. Keep the Director of Defense Research and Engineering currently advised, through NSA (and, as appropriate, advise DIA) of RDT&E requirements, plans, and projects that are peculiar to ELINT or have been identified as directly supporting ELINT activities.

8. Subject to approval by the Director of Defense Research and Engineering, initiate and pursue such research and engineering projects as may be necessary to support their ELINT activities, and accomplish such ELINT research, development, test and evaluation as approved or assigned by the Director of Defense Research and Engineering.

9. Participate in the ELINT RDT&E programs established and conducted by the Director, NSA under the guidance of the Director of Defense Research and Engineering; and perform such ELINT RDT&E tasks for the Director, NSA, as are approved by the Director of Defense Research and Engineering.

10. Submit their ELINT requirements to DIA for validation and forwarding to NSA.

11. Submit recommendations to the Secretary of Defense, through the JCS, concerning those ELINT activities described in Paragraph III.A.3. above.

12. Conduct those ELINT activities, undertaken in support of their missions under the authority of NSCID No. 5; where feasible, coordinate such activities with the Director, NSA, or his representative.

13. Handle the information derived from the activities conducted in accordance with the provisions of the preceding paragraph (III.E.12.) in a manner which will provide suitable protection to related ELINT activities and provide to the Director, NSA, in accordance with his requirements, the information derived from such activities as soon as the special security requirements of the collector have been satisfied.

14. Make available to the Directors, NSA and DIA, and to the Secretaries of the other military departments, information concerning techniques, procedures and equipment evolved as a result of electronic warfare or related RDT&E programs which have potential application to ELINT activities.

F. <u>Commanders of Unified and Specified Commands</u> will -

1. Conduct those ELINT activities which have been approved for direct support under the provisions of

Paragraph III.A.3. above; when feasible, coordinate such activities with the Director, NSA. The information derived from such activities shall be so handled as to give suitable protection to related activities and shall be passed to NSA as desired by the Director, NSA.

2. Perform within the capabilities of the ELINT activities which they conduct, those appropriate ELINT tasks levied by DIA in response to validated requirements submitted by all U.S. agencies.

3. Keep the JCS, NSA, and DIA informed of their ELINT plans and operations.

4. Submit their requirements for ELINT direct support to the JCS.

5. Submit all ELINT requirements to DIA for validation and further appropriate action in accordance with reference (c).

6. Conduct those ELINT activities undertaken in support of their missions under the authority of NSCID No. 5; where feasible, coordinate such activities with the Director, NSA, or his representative.

7. Handle the information derived from the activities conducted in accordance with the preceding paragraph (III.F.6.) in a manner which will provide suitable protection to related ELINT activities and provide to the Director, NSA, in accordance with his requirements, the information derived from such activities as soon as the special security requirements of the collector have been satisfied.

G. DOD Components will provide data obtained by passive electronic countermeasures which are usable for intelligence purposes, by the most expeditious means available, to the appropriate ELINT activitity for further handling.

H. DIA, the Military Departments and the Commanders of Unified and Specified Commands exploit ELINT and correlate it with other information in the production of finished intelligence, in support of operations planning or as tasked by DIA. Assignments made by DIA under this provision make maximum use of existing approved resources, including those integral to the technical intelligence activities of the military departments.