

Serial: N 1249

20 APR 1961

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MEMORANDUM FOR THE JOINT CHIEFS OF STAFF

SUBJECT: ELINT Processing Activities (U)

1. The National Security Agency has reviewed the CINCPAC proposal for establishment of the CINCPAC Electronics Intelligence Center. It is understood that the intent of CINCPAC is to establish a center which contains both substantive intelligence analysis and some ELINT processing functions. The CINCPAC proposal also provides for cryptologic participation by the integration of ELINT-trained cryptologic personnel into the center and under the direction of the center.
2. The scope and mission of this center as outlined in the reference is subject to misunderstanding in that there is no clear delineation of the ELINT activities which must be conducted by CINCPAC, utilizing designated resources, in support of his command responsibilities and those ELINT and COMINT activities which must be conducted by the Director, NSA, in the theater. NSA is further concerned over the lack of clear distinction between the intelligence analysis function and the ELINT processing function of the proposed center.
3. Suggested changes and revisions to the CINCPAC proposal for the PACOM ELINT center are inclosed. The purpose of these suggestions is to show changes which NSA feels are essential to bring the CINCPAC proposal into line with the provisions of appropriate directives pertaining to the conduct of ELINT activities in the PACOM area.
4. NSA general comments on the CINCPAC proposal are as follows:
 - a. The Secretary of Defense has stipulated the ELINT activities essential to provide direct support to commanders of unified and specified commands as listed in Appendix B of JCSM-147-60, and has delegated control of those activities as detailed in JCSM-147-60. Accordingly, CINCPAC has been delegated responsibility to conduct direct support ELINT activities, with designated resources, in the PACOM area, but not to conduct all ELINT activities in that area.

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b. The Director, National Security Agency will in accordance with para IV.B.j. of DOD directive S-3115.2 "provide technical guidance and support, including information, specialized equipment and engineering assistance, and analytic service to all U. S. ELINT activities." The Director, NSA has made provision for initial direct participation of ELINT technicians of the cryptologic agencies, under cryptologic direction, in the PACOM center. This, however, is an interim measure. In discharging the above responsibility and in order to provide effective support of cryptologic technical operations, it is planned subsequently to consolidate and augment present signal analysis activities in the theater. These SIGINT activities will:

- (1) Provide local capability for the analysis of new and unusual COMINT and ELINT signals and perform such processing as may be necessary.
- (2) Provide cryptologic activities with appropriate data for fusion into SIGINT product.
- (3) Provide timely reporting of Signal Analysis results to all consumers, both theatre and national.
- (4) Provide technical support including engineering and equipment assistance.

c. ELINT direct support activities as specified in para III D of DOD Directive S-3115.2 include those functions which must be undertaken to permit immediate operational use of the information in support of electronic warfare and rescue operations of the commands. Signals analysis functions performed by the PACOM ELINT Center would properly be directed to ELINT signals collected by PACOM direct support activities. Other ELINT activities in the PACOM area would be conducted by cryptologic elements as provided for by the Director, NSA.

5. NSA has conducted a study of U. S. ELINT activities to determine areas where an improvement in existing arrangements could benefit all ELINT consumers concerned. One of the areas of major concern to NSA is improvement in the provision of ELINT information and ELINT technical support to unified and specified commands. NSA has undertaken to insure the interim provision of cryptologic personnel for the cryptologic activity collocated with

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the PACOM center and is proceeding with discussions with the Army Security Agency, Naval Security Group, and Air Force Security Service for the consolidation and augmentation of present SIGINT activities in the theater to provide timely technical support and timely reporting of intelligence data.

6. To insure that the planning for CINCEUR and CINCPAC ELINT activities and for U. S. cryptologic activities is fully coordinated, it is recommended that representatives of the JCS and the NSA meet to discuss concepts and guidance to govern such planning. It is proposed that this letter and its inclosure serve as a basis for such discussion. Colonel Robert P. Halloran, USAF (Code 188 extension 7819) is designated as the action officer for NSA on this matter.

L. H. FROST
Vice Admiral, USN
Director

Incl:
a/s

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cc: DIR
AG
Reading File
PROD-04
OPS
COSA

M/R: Correspondence is self-explanatory. Because of the urgency required in commenting to the JCS re the proposed missions and functions for the PACOM ELINT Center, NSA has ~~been~~ placed emphasis on this aspect of its planned future cryptologic actions as relates to "direct support" ELINT activities. By this action NSA has established a position in this matter both as regards further NSA implementation and as regards the similar proposed EUCOM Electronics Intelligence Center. OSO is being provided information copies of the comments to JCS by separate memorandum so as to provide that office with current NSA thinking in this problem area. Formulation, drafting and coordination of this correspondence was accomplished by Mr. Kirby (PROD-04) in collaboration with Mr. Conley (COSA), Mr. Price (OPS) and Mr. Libbert (PROD-04).

O. R. KIRBY/3538s/14 Apr 61/PROD-04/ej

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REVISION TO CINCPAC PROPOSAL

Para 1 last sentence to read

In addition the Secretary of Defense delegated responsibility to CINCPAC to conduct certain direct support ELINT activities* in the PACOM area.

Para 4 first sentence to read

Reference (d) assigns to CINCPACAF responsibility for coordinating the collection, processing, analysis, and dissemination of ELINT* for direct support in the PACOM ---etc---

Para 5 last sentence to read

The provisions of references (c) and (d) under which the PACOM ELINT Center is operating, are adequate to permit the center to fulfill the ELINT direct support mission presently assigned --- etc ---

Para 6 last sentence to read

This structure provides for the use of a variety of information in analytic - intelligence analysis processes and without significant changes will facilitate the full and complete integration of COMINT into direct support ELINT intelligence product in the production of operational intelligence as recommended in paragraph 11 below.

Para 7 and Para 8 - Delete existing paragraphs and substitute the following single paragraph.

In accordance with reference (c) the Director, NSA has on an interim basis tasked the Army Security Agency, Naval Security group and the Air Force Security Service to support the PACOM ELINT Center by providing personnel or other technical assistance as appropriate.

Para 10 First sentence to read

I feel that the PACOM ELINT Center which is evolving along the lines indicated in the preceding paragraphs, indicated my desire for an-ELINT-technical-processing theatre center in which service cryptologic agencies and command components will can participate.

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Para 10 Part (c) of second sentence to read

- (c) the isolation, enumeration and forwarding to the appropriate ~~components-of-the-PACOM-and~~ NSA controlled activities for further study all data related to new, unusual and/or non-identifiable emissions and ~~---etc---~~

Para 11 to read

To attain the foregoing objectives and carry out derived functions effectively:

- a. All foreign, non-communication, electromagnetic emissions intercepted by PACOM activities, and in general such data in appropriate form from SCA units operating in the PACOM under NSA control and certain CIA projects must-be-made available will be provided to the PACOM ELINT Center as expeditiously as possible.
- b. Intelligence information ~~resources-of-the-U.-S.-Government~~ pertinent to the mission of the PACOM ELINT Center (including appropriately processed COMINT from NSA controlled field stations, and intermediate processing centers) must be distributed continuously to the center or be made accessible to selected personnel, without restriction-because-of-origin-or-classification, for use in analyzing, evaluating, and reporting responsibilities at each and every step in accordance with established regulations and procedures.
- c. Results of the fusion of preliminarily raw or semi-processed ELINT and COMINT technical data must-be-accomplished routinely and continuously produced by NSA controlled COMINT field units who will-ensure-ELINT-data-supplied-to-them-by will be provided to the PACOM ELINT Center with pertinent raw-COMINT-for-subsequent for use by the Center in the substantive intelligence production activities.
- d. Intercepted non-communications electromagnetic emissions intercepted by PACOM ELINT activities which do not yield to analysis and which cannot be identified by the PACOM ELINT Center must be forwarded to Hqs-NSAPAC-for-referral to-the-Pacific-Experimental-Facility-(EK-FAG)-and-other appropriate-dissemination-within-the-NSA the appropriate NSA controlled field activity as specified by the Director, NSA.

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The results of EKFAS such analysis and the technical guidance therefrom must be provided by NSAPAS NSA to the PACOM ELINT Center for use in redirection of its collection activities.

e. No change.

Para 12. Make the following changes in subparagraphs as indicated.

a. No change.

b. No change.

c. Change last sentence to read:

U. S. Army personnel for permanent duty at the PACOM ELINT center will be as specified in inclosure (3) ~~including those provided by NSA from such units deployed in PACOM.~~

d. Change last sentence to read:

U. S. Navy personnel for permanent duty at the PACOM ELINT center will be as specified in inclosure (3) ~~including those provided by NSA from NSG units deployed in PACOM.~~

e. Delete last sentence which reads:

~~Personnel authorizations will include provision for AFSS participation as approved by NSA.~~

f. No change.

g. Change first sentence to read:

Army, Navy, and Air Force personnel excluding cryptologic personnel will be integrated in the PACOM ELINT Center as follows:

(1) No change.

(2) No change.

h. Change to read:

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Liaison officers from PACOM direct support ELINT activities will be responsible for coordinating the ~~respective-service~~ their processing requirements with the PACOM ELINT Center. Direct communications with their respective services will be authorized.

- i. No change.
- j. Add new subparagraph as follows:

Amy Security Agency, Naval Security Group, and Air Force Security Service personnel will be attached to the PACOM ELINT center as provided for by the Director, NSA.

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INCLOSURE 3 should be modified as follows to show the cryptologic personnel attached temporarily to the PACOM ELINT Center.

Revisions are indicated on modified inclosure 3 to reflect cryptologic personnel. Increased strength listed as "Army", "Navy" and Air Force Liaison personnel would not include service cryptologic personnel.

PROPOSED MANNING PACOM ELINT CENTERArmy

Officer	1	(U.S. Army excluding ASA personnel)
Enlisted	$\frac{0}{1}$	

Navy

Officer	2*	(U.S. Navy excluding NSG personnel)
Enlisted	$\frac{9}{11}$	

Air Force

Officer	18	(U.S. Air Force excluding AFSS personnel)
Airmen	53	
Civilian	$\frac{1}{72}$	

Liaison

Army	1	(Liaison personnel excluding cryptologic service personnel)
Air Force	1	
CIA	1	
Civilian	$\frac{1}{4}$	

TOTAL 86

* Senior Officer also performs liaison duties.

Estimated Service Cryptologic Agency Participation (Interim Only)ASA

Officer	2
Enlisted	7

SECTIONNSG

Officer	3
Enlisted	9

Estimated Service Cryptologic Agency Participation (Interim Only)
Cont'd

AFSS

Officer	2
Enlisted	7

NSA

Civilian	1
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TOTAL	31
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INCLOSURE 2 should be modified as follows to show the cryptologic personnel attached to the PACOM ELINT Center. Add separate category to identify Service Cryptologic personnel. Present listing shows ASA and NSG personnel as total "Army", "Navy" participation. AFSS officer shown as one of the two listed liaison billets. Changes indicated on the inclosure as modified.

PRESENT MANNING OF THE PACOM ELINT CENTERArmy

Officer	0
Enlisted	<u>0</u>
	0

Navy

Officer	0
Enlisted	<u>0</u>
	0

Air Force

Officer	18
Airmen	53
Civilian	<u>2</u>
	73

Liaison

Army	0
Navy	0
Air Force	1
CIA	1
Civilian	<u>2</u>
	4

GRAND TOTAL 77

SERVICE CRYPTOLOGIC AGENCY PARTICIPATIONASA

Officer	1
Enlisted	<u>5</u>
	6

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Officer	3
Enlisted	$\frac{9}{12}$

AFSS

Officer	1
Enlisted	$\frac{0}{1}$

TOTAL 19