

~~TOP SECRET~~14 May 1951  
AFSA-13/pjb~~TOP SECRET~~

MEMORANDUM FOR AFSA-00B

SUBJECT: Crypto-Security of AFSA Communications.

1. I, too, am concerned for the security of Comint Communications. My staff and I consult with AFSA-04 staff very frequently on the subject. Prompt action is taken to seek out the facts when any violations are noted. Unfortunately, operating personnel usually note only gross violations, so no doubt many violations occur unnoticed, or are noticed only when habitually repeated. A major contributing factor is the involved cover procedures necessary and the large number of cryptosystems in use for Comint traffic. Simplification and standardization would improve the situation tremendously.

2. I recommend:

- a. That AFSA exercise direct control over distribution and operation of cryptosystems used exclusively for raw and processed material. To this end, AFSA cryptosystems (not Army, Navy, or Air Force systems produced by AFSA) should be produced and distributed through service channels, for the specific problems to be met, regardless of service involved. We should plan to accomplish this with AFSAN 9 systems as soon as possible. To this end it is proposed that a conference with the three service cryptologic agencies be called, together with representatives of AFSA-02, AFSA-04, and AFSA-13 to implement this course of action.
- b. Surveillance of AFSA communications should be intensified if possible and consideration should be given to stationing an AFSA-04 unit at AHS for this purpose. This can be justified, I think, by the expanding volume of traffic, which is approaching one million groups per day.

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SUBJECT: Crypto-Security of AFSA Communications. (Cont'd)

- e. A new AFSAG should be produced for the purpose of establishing preferred standard communications procedures to be used in handling AFSA material. This book should be produced in collaboration by AFSA-13 and AFSA-02, with assistance from AFSA-04 where communication measures unique to AFSA's problems need solution. AFSA-13 should be given the responsibility for revising the book as required by changing conditions.

Arthur Enderlin  
Commander, USN  
Chief, AFSA-13

For and in the absence on Leave of Cdr  
Enderlin:

*F. M. Marshall*  
F. M. Marshall  
Major, U.S.A.F.  
Acting Chief, AFSA-13

cc: AFSA-00X  
AFSA-00T  
AFSA-04  
AFSA-02T

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