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17 June 1955

MEMORANDUM FOR COLONEL DAVIS

SUBJECT: 16 June Comments of Mr. Friedman

In his conversation with Colonel Davis and Captain McDonald on the afternoon of 16 June 1955, Mr. Friedman made the following specific comments:

1. In regard to the Hagelin negotiations, the correspondence has been carried on in a personal manner, but with official cognizance, from and to Mr. Friedman's home address on personal stationery, with plain stamped envelopes. In the event of appearance of official NSA envelopes in small town European postoffices, undesirable attention to the situation might result.

All the Hagelin correspondence is in the S/A files.

2. On his last trip to England and with DIRNSA's cognizance, Mr. Friedman discussed (with Eric Jones) the availability to the COMINT business of several British subjects who were WWII experts but are now in Universities or business and are not currently used in COMINT. The idea was that perhaps some of these former experts could be used to advantage by GCHQ in a consultative research capacity, and possibly with U.S. financial assistance. Dr. Robertson (NSASAB and Scientific Advisor to SHAFS) had told Mr. Friedman that MDAP laws permit transfer of funds for such purposes.

In addition, it might be possible to get three or four of these experts to take a year or so leave of absence and work for NSA.

There were personal pertinent cables between Mr. Friedman and General Canine at the time.

3. Prior to WWII, the Navy quietly began to encourage unclassified cryptography courses at certain selected women's colleges, among them Mt. Holyoke. From this source the Navy got some of their best Wave officers in the COMINT business in WWII. Roger Holmes, Mt. Holyoke, has recently written NSA stating the course would have to be discontinued for lack of a needed five hundred dollars. Mr. Patterson (TNO) and Mr. Smith (GC) have been asked to explore the possibility of NSA providing some assistance.

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Perhaps Roger Holmes could be taken on as a consultant to the Division with the thought that consultant fees might aid the financial problem.

Pertinent correspondence is in S/A files.

4. In view of recent H- and U-bomb developments and the apparent ease of constructing such weapons with small and limited facilities, and in light of the Russian proposal for arms inspection, some of our former concepts of warning are "out the window". The only tip-off is likely to be from communications indications of troop concentrations, etc., which "will put us right back in business."

5. The instructional brochure NSA is supposed to be preparing (Dr. Stucky and Mr. Raven) in connection with the Hagelin negotiations on the use of the CX-52 does not seem to be proceeding as quickly as desired.

6. Is something being done to explore the "NSARAND - captive organization" question discussed at the last meeting of NSASAB?

7. Is progress being made on the quantification of indicators, four-hour reporting, and related communications facilities problems?

I. T. McDONALD  
Captain USAF

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