

SECURITY CLASSIFICATION (If any)

DISPOSITION FORMEO 3.3(h) (2)
PL 86-36/50 USC 3605~~TOP SECRET~~
~~TOP SECRET~~ ~~U.S. EYES ONLY~~
~~SECURITY INFORMATION~~

FILE NO.

OOT/136-52

SUBJECT

TO

DIRECTOR

FROM

CONSULTANT

DATE 29 September 1952 COMMENT NO. 1

The following are the most recent developments in the deal with [] to acquire a key generator:

- a. On 15 July [] accepted our 5 June proposal to buy [] [] will assemble them.
- b. A report dated 20 September 1952 [] is attached. Attention is invited specifically to par. 3 thereof, dealing with the temporary assignment of AFSA representative Dr. Hugh F. Gingerich to study the [] in its initial constructional phases. This represents a minor modification in the original plan of having AFSA observers on the spot throughout construction.
- c. Captain Dennis has agreed to this change concerning AFSA representation during the construction. Dr. Gingerich arrived [] 11 September for 60 days' TDY. (See attached Memo from Capt. Dennis [] 24 September 1952.)
- d. [] are undertaking production commercially of a junior version of the []
- e. [] has devised an improvement to the M-209, has turned it over to HAGELIN, and will keep us informed.
- f. The U. S. Government will have the opportunity to review any other item developed in future by [] before its submission to any third party []

OGA

William F. Friedman
WILLIAM F. FRIEDMAN
Consultant

2 Encls

1. Rpt [] dtd 20 Sept 52

2. Memo from Capt. Dennis []
dtd 24 Sept 52~~TOP SECRET~~~~U.S. OFFICIAL EYES ONLY~~

DD

FORM
1 FEB 50

96

REPLACES NME FORM 96 1 OCT 48 WHICH MAY BE USED

16-54801-3 ☆ U S GOVERNMENT PRINTING OFFICE

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20 September 1952

TO: Capt. J. S. Harper, USN
Attn: Mr. A. W. Foley, AFSA-202L

SUBJECT: [redacted] Cryptographic Device

REFERENCE: [redacted] dated 22 August 1952

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1. [redacted] Dr. Hugh F. Gingerich, [redacted]

shown the original [redacted] and a newly constructed one which they describe as a beautifully finished professional device. Parts are now on hand for a third device intended for us and parts for a fourth have been partially collected. The units have now been identified by name as follows:

- First (original) [redacted]
- Second [redacted]
- Third [redacted]
- Fourth - unnamed

OGA

2. The [redacted] was also displayed and all indications are that it is identical in principle to the [redacted] device. Representatives of the [redacted] are expected to visit [redacted] on 23 September to examine this device to study production problems. Dr. Gingerich was invited to participate in this study.

3. During the visit it was learned that construction of the [redacted] will require three months. Most of this time will be needed to assemble the very elaborate switching portions. In view of the routine nature of this work and since Dr. Gingerich is reluctant to spend three months [redacted] has recommended that Dr. Gingerich concentrate immediately on the study and construction of the random generator and the collection of all circuit diagrams, allowing the remainder to be assembled by the [redacted] group. He could then return for final inspection and instruction upon completion of the device.

EO 3.3(h) (2)

PL 86-36/50 USC 3605. It is requested that AFSA advise this office at an early date if this proposal as to Dr. Gingerich's assignment is acceptable.

22 Sept '52

[redacted]

cc: [redacted]

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SECURITY INFORMATION

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24 September 1952

SUBJECT: [REDACTED]

TO: Deputy Director Plans, CIA
Room 1401, Temporary J. Building
Washington 25, D. C.
Attention: [REDACTED]

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1. Reference is made to [REDACTED] dated 20 September 1952, subject as above.

2. This Agency is in agreement with the proposal [REDACTED] which recommends that Dr. Gingerich concentrate immediately on the study and construction of the random key generator [REDACTED] and the collection of all circuit diagrams, allowing the remainder to be assembled by the [REDACTED].

3. It is felt that consideration of the problem of returning Dr. Gingerich [REDACTED] for a final inspection and instruction upon completion of the device should be held in abeyance until after Dr. Gingerich has returned to the U.S. and submitted his recommendations in this regard.

J. R. DENNIS
Captain, U. S. Navy
Acting Chief
Office of Operations

[REDACTED]

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WILLIAM F. FRIEDMAN
 Consultant

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