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31 March 1954

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MEMORANDUM FOR RECORD:

SUBJECT: Demonstration of the ASAM 2-1

1. On 26 March I demonstrated the ASAM 2-1 to Mr. deVoojoli and Mr. Doussacou of the French Embassy, as a result of the agreement reached by USCIB to lend 5 of these machines to the French, [redacted]

[redacted] at General Canine's request.

I was accompanied by Mr. Flassinski of NSA-42 and Mr. Book of NSA-41.

Present at the demonstration were Captain Taylor, USCIB Secretary, [redacted] and [redacted] whose name I did

not get.

2. I explained the equipment in considerable detail and demonstrated its operation under DAFNE procedure, stressing the point that security to be obtained from this machine depended on the strictest adherence to correct operating procedures. I would say that the French were quite impressed and very pleased.

3. After the demonstration and my answering several questions which the French raised, we discussed some of the administrative points involved. I repeated that the equipments would be furnished them on an indefinite free loan basis as would a supply of spare parts. I told them that we would either provide them with wired rotors and finished key material or would give them blank rotors with wiring instructions and specifications for making the DAFNE material. Their answer to this was the obvious one, that they would prefer the blanks and the instructions rather than the finished key material.

4. I then asked them when and where they would want delivery. They informed me that they were uncertain of this at the present time but would let Mr. Dulles know in due course. They said that what they were going to recommend would be that one or two of the equipments remain in Washington and that the first use of the equipments be on the Washington-Paris circuit. They also said that they had recommended to the foreign Office that an engineer-maintenance man be sent to Washington to receive some instruction which he could subsequently pass on to others (this was in keeping with the suggestion made by Mr. Dulles previously, as the result of the aide memoire which General Canine had sent him). I told them that we would be able to arrange such training and that Mr. deVoojoli should inform Mr. Dulles when their man would be here. In this connection it is important to note that although the arrangements for the engineering and maintenance instruction would be made by CIA, it would be up to NSA to supply the instruction. When this occurs, if it does, the personnel doing the instruction should first receive careful guidance from NSA-41 in order to avoid inadvertent discussions of some of the recent work which we have done in modifying the ASAM 2-1 and the 131ME (particularly as regards radiation).

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5. At no time in the course of these discussions did I mention the ASAM 2-1 modification. However, as a result of instructions from the Combined Working Group of USCIB, I intend to discuss the modification with the French in Paris, provided the British raise no objections (the UK has already been asked on this point). Also in Paris, I will provide the appropriate authorities with the rotor wiring and key list specifications referred to above.

6. In order to make sure that everything which the French require is ready, the following is a list of what is to be turned over to the French sometime after the first of April,

5 ASAM 2-1's
 5 13122 tables
 5 copies AFEAG 1203 (as "sanitized" by NSA-41)
 5 copies DAPHNE operating Instructions (prepared by NSA-41)
 5 copies FM 11-2209
 500 blank blue rotors
 A quantity of wire of the type we use for non-bobbin rotors.

OGA

FRANK C. AUSTIN
 Chief, Analysis and
 Evaluation Division

cc: DD/COMSEC
 V/BIR
 P/P
 Capt. Taylor
 Mr. Packard (State Dept)
 NSA-42
 NSA-402
 (Mr. Friedman) S/ASST

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