

~~TOP SECRET - SECURITY INFORMATION~~

7 October 1952

MEMORANDUM FOR GENERAL CANINE

SUBJECT: Report of the Inspector on Analytical Machine Employment dated 15 August 1952

1. In accordance with your instructions, I met with the Consultant, Inspector, the Chiefs of the Offices of R & D and Operations, and certain of their assistants, to determine what action should be taken on the subject report and the various comments thereon.

2. In the course of our discussion of the matter, it became apparent that the Office of Operations had already initiated action to remedy certain of the unsatisfactory conditions indicated in the report. However, it was agreed that further action is desirable.

3. All of the recommendations of the Inspector were accepted in principle, with certain modifications as to application. With regard to the specific recommendations contained in the report, it was agreed that the following action should be taken:

Para. 7 a.

- (1) That, instead of placing the function of analytical machine employment planning and scheduling directly under the Technical Director (O2T), responsibility for high-level investigative methods be transferred to a staff group in the Machine Processing Division (the Technical Projects Group), and that the strength of this Group be raised to 15. This is to be accomplished by transfers as necessary within the Office of Operations.
- (2) That five machine methods analysts be transferred from the Methods Branch, where they are now performing functions appropriate to the Technical Projects Group, and that the remainder of the spaces be filled by transfer of qualified personnel elsewhere. This also is to be accomplished by necessary transfers within the Office of Operations.
- (3) That the expanded Technical Projects Group of the Machine Processing Division concentrate on the mission of drawing up new and better uses for the present and projected machinery.

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Para. 7 b.

- (1) Action on this recommendation will be initiated by the Office of Operations with pilot installations.
- (2) Personnel permanently assigned to operate equipment now decentralized should be transferred to appropriate segments of the Machine Processing Division.
- (3) Further investigation should be made of the extent to which the Office of Operations should provide machine assistance of any nature to the Office of Communication Security.
- (4) Machine Processing Division is to be made responsible for:
 - a. Assistance in investigating where additional decentralized installations are necessary and practicable.
 - b. Assistance in establishing an adequate reporting system for showing utilization of the decentralized installations.
 - c. Providing necessary support services including full-time machine operators and part-time programming consultations where required.

Para. 7 c.

A study is already underway in the Office of Operations with a view toward determining requirements for specific equipments for decentralized operation.

Para. 7 d.

- (1) That the Methods Branch retain its present functions except as affected by increased activities in the Technical Projects Group and by para. (3) below, with the result that the size of the Methods Branch will eventually be considerably reduced.

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Para. 7 d. - Cont'd.

- (2) That as rapidly as feasible the function of detailed program completion be decentralized to appropriate processing branches subject to review by the Methods Branch for adequacy.
- (3) That the Processing Branch (IBM) and the Processing Branch (RAM) be abolished and that they be replaced by the following functional branches:
 - a. 222-Data Recording Branch - Responsible for punch-editing and for punching cards, tapes, or other media to be processed within the Division.
 - b. 223-Machine Production Branch - Responsible for processing recurring jobs and simple small, or large one-time jobs that do not require a high degree of program alteration.
 - c. 225-Special Projects Branch - Responsible for processing all jobs where the procedures are subject to variation or where complex processing requires especially instructed personnel.
- (4) That the position of Special Assistant (22D) for decentralized machine rooms be established as the medium through which the Machine Processing Division's responsibilities in the matter of decentralized machine rooms can be exercised.

Para. 7 e.

As recommended in the subject report.

Para. 7 f.

- (1) That the Machine Division strength be augmented as soon as possible by filling current allowances of military personnel as follows:
 - a. Navy - Returning to duty in AFSA all Naval personnel qualified in analytical machine operation and maintenance, and taking such steps as may be possible to delay the imminent departure of those now alerted for detachment from AFSA. DNC (Op-202) has agreed to explore this matter and the Machine Processing Division has been instructed to furnish the names of the individuals involved.

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Para. 7 f. - Cont'd.

- b. All Services - Undertake to maintain necessary permanent and qualified machine personnel with adequate career opportunity.
- (2) That the administrative decisions and dispensations involved in this support be pursued as high as necessary in the Department of Defense, staffed within AFSA by the Personnel Division and the Office of Operations in collaboration.
- (3) In connection with the foregoing, the Office of Operations has been instructed to study the feasibility of having additional equipment maintained under contract.
- (4) The Machine Processing Division strength should also be augmented by civilian personnel. This is particularly necessary in view of the long delay likely, first, in gaining Service agreement to the Inspector's recommendations and second, in filling the spaces once they are authorized.

Para. 7 g.

As recommended in subject report.

Para. 7 h.

The Office of Operations is to keep this problem under study and bring to the attention of the planners such requirements as may be developed.

4. The Chief of the Office of Operations has been instructed to prepare a draft of the necessary organizational change to implement the foregoing recommendations.

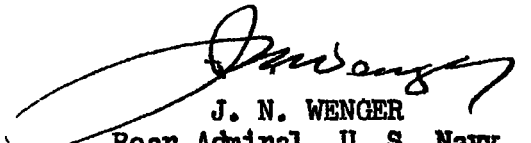
5. It is my view that further consideration should be given to the creation of a fourth operating group in the Office of Operations, namely a Machine Processing Group, corresponding to the Collection, Processing, and Exploitation Groups now established there. Under this group could be

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placed the various activities now under the Machine Processing Division, plus certain miscellaneous activities such as the Laboratory Services Group and mechanical reproduction units performing common functions in the Office of Operations. I have asked the Chief of that Office to explore this possibility.


J. N. WENGER
Rear Admiral, U. S. Navy
Deputy Director, Intelligence

Incl - 1

Subject report with comments by CONS,
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