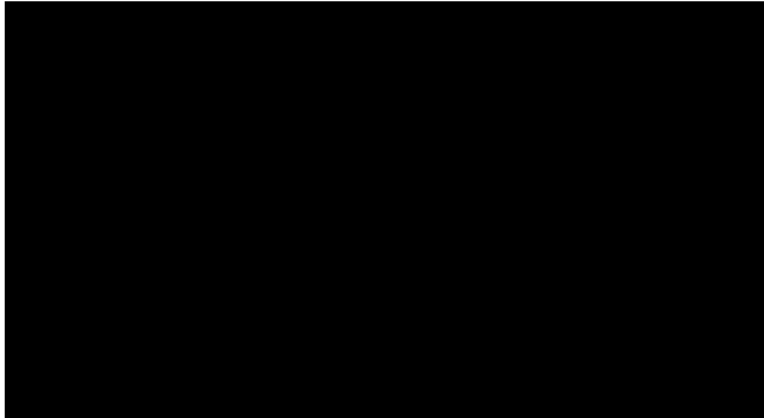


S-E-C-R-E-T

MINUTES

Research, Development and Production Review Board

I. Meeting #53 of the Research, Development and Production Review Board was held in the OC Conference Room at 1430 hours on 1 February 1956. The following persons were in attendance:



25X1A

II. Under Agenda Item I, Old Business:

The Minutes of Meeting #52 were reviewed and approved by the Board.

III. Under Agenda Item II, New Business:

25X1A

1. The Engineering Division representatives gave a run-down on field tests conducted in October over the path [redacted] and in November over the path from [redacted] to [redacted]. It was pointed out in these discussions that as far as reliability was concerned in transmitting by the [redacted] system, a high degree was obtained. When compared to a radio teletype circuit at a given time, the [redacted] system does not exhibit any higher degree of reliability, but over a period of time by virtue of [redacted] capability of passing greater volumes of traffic, a much higher overall reliability is obtained than that from an ordinary teletype system. The Engineering Division proposed that the existing equipments be returned to the contractor for refurbishing and that they then be installed on a link between [redacted]. The Board concurred in this proposal.

25X1A
25X1A
25X1A

25X1A

OC-E
ACTION

25X1A

The Engineering Division was also requested to submit a recommendation as to the number of additional units of the present equipment that should be procured and to obtain the approval of the members for this proposal on an ad hoc basis .

S-E-C-R-E-T

This document is part of an integrated file. If separated from the file it must be subjected to individual systematic review.

S-E-C-R-E-T

25X1A

OC-E
ACTION

The O&T representatives requested that we explore with the contractor the possibility of using the FRT-5 or 207-A transmitter as well as the 231 D for the [redacted] system. It was also recommended by O&T that the Engineering Division explore the value, if any, of utilizing the existing R-390 receiver in place of the one incorporated in the existing equipment.

25X1A

The Engineering Division indicated that a discussion had been held with the contractor and NSA looking toward the addition to the [redacted] system of a high-speed on line cryptographic system and a high-speed printer, so that full advantage could be taken of [redacted] high traffic transmission capabilities.

25X1A

25X1A

25X1A

2. [redacted] Field Tests. The Chairman requested information as to the status of the [redacted] field tests recommended by the Board action of 2 November 1955. The O&T representatives stated that because of the shortage of manpower, nothing had been done on this project. The Engineering representatives informed the Board that equipment at [redacted] had been moved into the main operating room and that approximately two or three weeks additional time would be required to have it in working order.

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25X1A

25X1A

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ACTION

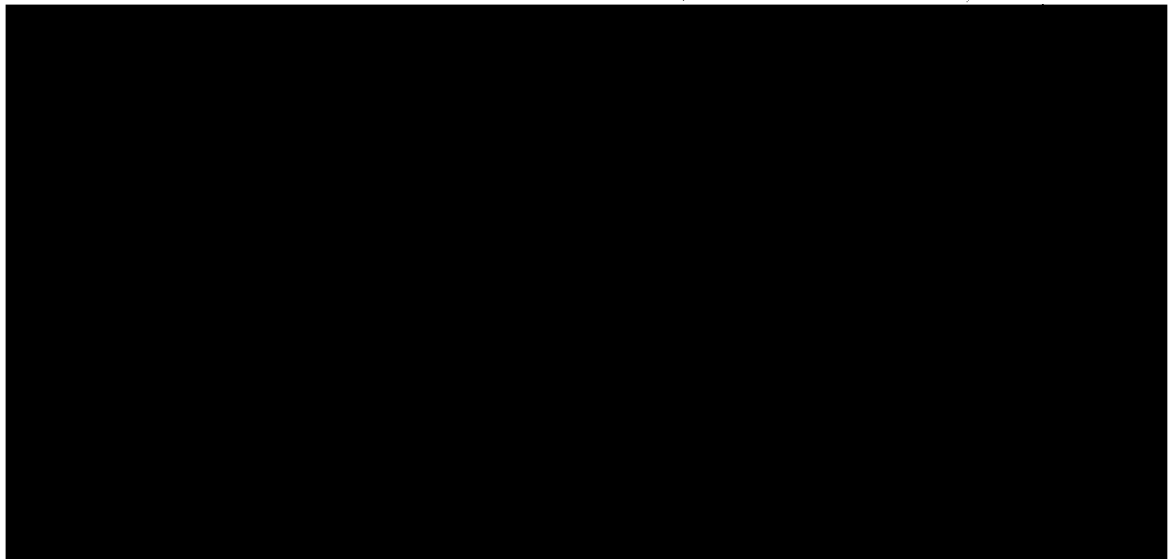
The Chief Engineer indicated that a member of the Plant Engineering Branch would be going to [redacted] shortly on a TDY basis in connection with some other work and suggested that this man might carry a [redacted] unit with him and initiate transmissions from the [redacted] sight. It was pointed out that this should be a fairly representative test, since the individual concerned has had no previous training or experience with [redacted] ipment. The Engineer will also brief Operations personnel [redacted] on the [redacted] equipment and arrange for them to pass live traffic on the equipment. It was agreed that this proposal would be accepted and that the details would be worked out between O&T Division and the Engineering Division.

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25X1A

25X1A

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25X1A

25X1C

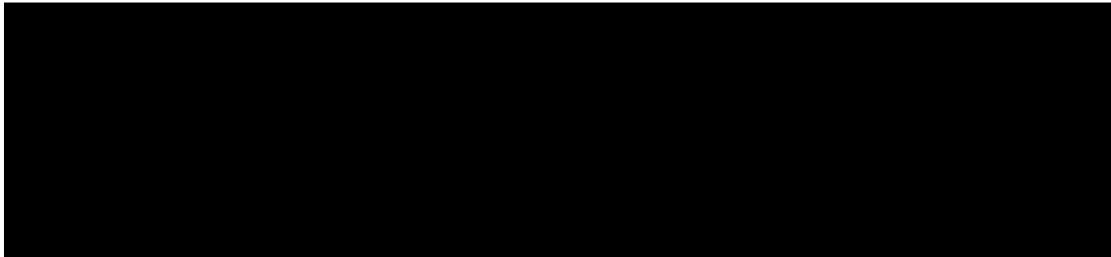
25X1C

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25X1C

S-E-C-R-E-T

S-E-C-R-E-T



25X1A

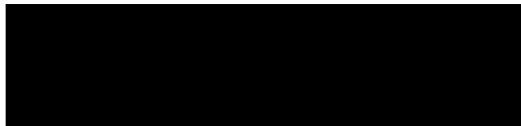
OC-E
ACTION

It was finally concluded that the proposed letter to the DD/P Materiel Board should be rewritten by the Engineering Division and should indicate that further discussions with the appropriate people should be held in this matter before coming to any final determination.

4. Concealment Techniques. The O&T member stated that he had been contacted by a representative from TSS who indicated that they had a very active concealment group in being and suggested that the Office of Communications use this facility to assist in any concealment problems. The Engineering representatives indicated that such contact had already been established with one group of TSS in regard to Project [REDACTED] and it is planned to consult with them at the appropriate time regarding this project and any others that might fall in the same category. The Engineers requested that O&T supply the name and telephone number of the man who had contacted him so that determination could be made that we were working with the right group.

5. It was noted that the current review of R&D Projects has not yet been completed by the Board.

IV. The meeting adjourned at 1630 hours. The next meeting of the Ideas and Requirements Panel will be held on 15 February and the next Regular Board meeting will be 7 March 1956.



25X1A

Distribution:

[REDACTED]
Members and those in attendance
listed in Paragraph I
R&D Internal Projects
R&D External Projects

S-E-C-R-E-T