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Approved For Release 2000/08/29 : CIA-RDP79-01578A000100080002-0

AGENDA

EQUIPMENT BOARD

Meeting No. 5-64

DATE : 18 November 1964
TIME : 1400
PLACE : CC Conference Room
2003 Hqs. Building

OLD BUSINESS

None

NEW BUSINESS

Agenda Item No. 1: Disposition of AS-4 and RS-16 Equipment

25X1A

This equipment has been in use for the past several years, primarily for emergency communications requirements. Base equipments presently are in place at [REDACTED]. Because of other equipment which has since been placed in use, particularly for outstation-to-base emergency communications requirements, and because of the general unavailability of AS-4 type transmissions in the crowded spectrum which exists today, several stations have recommended that it be disposed of. An Equipment Board decision on this matter is required.

Agenda Item No. 2: CC-3 will review the present status of the FY65 R&D Program

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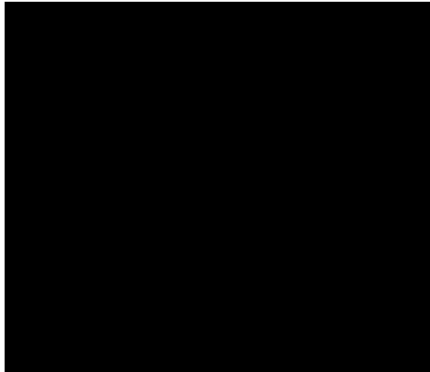
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EQUIPMENT BOARD
MINUTES

Meeting Number 5-64 of the Equipment Board was held on 18 November 1964 in the OC Conference Room, 2D03, Headquarters Building. Those present were:



DD/CO
OC-OS
OC-T
OC-O
OC-SPS
OC-E
OC-E
OC-S
OC-A
OC-SPS
OC-OS



OC-E
OC-E
OC-E

25X1A

25X1A

I. OLD BUSINESS

None

II. NEW BUSINESS

A. Agenda Item No. 1: Continued Use of AS-4/RS-16/AT-10 QFM Equipment

1. Introduction

This equipment is presently located at the [redacted] AND [redacted] base stations as well as at out-stations in the [redacted] areas, where it is used to meet emergency communications requirements. Several areas have recommended that it be disposed of. Equipment Board action on this matter is required.

25X1A
25X1A

25X1A

2. Discussion

The usefulness of the present AS-4/RS-16/AT-10 QFM equipment was examined, particularly with respect to the need for its continued use on emergency circuits. The main problems being encountered with this equipment are the need for excessive maintenance because of the age of most of the equipment, and the need for a relatively clear 12.5 kc channel, which is increasingly difficult to find in the crowded spectrum which exists today. It was brought out that 300 wpm medium speed equipment is being used increasingly to meet emergency circuit requirements, particularly within an area. Although 300 wpm equipment does not have the ability of QFM to avoid jamming by virtue of the latter's short transmission time, medium

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speed does compensate for this in part by its greater frequency flexibility. In discussing what can be used to replace QFM, it was brought out that within the relatively near future the FM-18 triphase system should be available and provide a 1480 wpm capability. Advantages of the FM-18 over QFM are a 2.5 kc bandwidth, newer equipment which should require less maintenance, greater frequency flexibility and, importantly, the system will use base station equipment which is also used for agent communications, rather than unique equipment as does QFM. Looking somewhat farther ahead, the AS-12, the [REDACTED] also look promising for emergency communications needs.

25X1C

The question of whether QFM systems should be phased out over a period of time was next discussed, and a strong argument was made for reaching a positive decision now so that plans for the new [REDACTED] receiving station and the modifications for [REDACTED] can go ahead on the basis of whatever decision is reached, because the layout of these stations will necessarily be affected by whether or not the AS-4 base installations are to remain.

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25X1A

With regard to what disposition would be made of QFM units if they are withdrawn from service, [REDACTED] said they would be returned to Headquarters and salvaged because of the value of some of their components, particularly high speed key punches.

25X1A

It was agreed by all that QFM equipment has provided valuable experience in high speed transmissions techniques and for years has given the Agency a unique capability in the emergency communications field. This experience has laid the ground work for the more advanced systems which are now in development and QFM has, therefore, been a valuable stepping stone to the future. The QFM systems can be retired from service, having served a very useful purpose.

3. Board Action

The Board recommends that QFM equipment be retired from service at all installations, and that the units be returned to Headquarters for salvage.

B. Agenda Item No. 2: Review of the FY-65 R&D Program

1. Introduction

In order for the Board to review the R&D Program, OC-E periodically provides a briefing of the equipment in development and the projects planned for future development.

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2. Discussion

25X1A [redacted] distributed a paper which listed by category all new agent communications equipment presently on procurement or in development. Additionally, a paper outlining the description, costs and status of the programmed research and development tasks for FY-1965 was distributed. These provided the background for a comprehensive Board review of all R&D projects.

[redacted] 25X1A
Secretary

25X1A [redacted]
Approval

1st End.

I approve the recommendation made by the Board in paragraph II A.3 above.

25X1A
[redacted]

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