

CCD-M-69-024

31 January 1969

Chief, Staff Communications Division, OC

Chief, Covert Communications Division, OC

Staff Emergency Transceiver Specification

1. Attached is a copy of the OC Equipment Board Minutes for the meeting of 13 November 1968. Under New Business it was determined that the 100-watt transmitter development would be gotten underway with a separate later procurement phase; and that a specification for staff emergency equipment would be prepared for subsequent consideration by the Board.

2. I gather that the 100-watt transmitter development is getting underway soon. However, the staff emergency equipment specification may not be moving ahead as rapidly as need be. While the Minutes reflect that "the Engineering and Telecommunications Staffs" should work to produce the spec for the transceiver, may I add that since OC-CCD is a potential customer for this equipment in certain types of operations, I would like an opportunity to review the specifications before they are presented to the Equipment Board, or even more preferably, to have someone from OC-CCD participate in the development of the specifications.

3. Having noted your comment in the Minutes on the separate transmitter/receiver unit vs. a transceiver, I am taking the opportunity of an

[Redacted]

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[Redacted] will be with me on this trip and will convey all associated technical data to OC-CCD when he reports to you for duty on or about 17 February 1969.

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[Redacted]

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Note [Redacted] comment on page 3 of the Board Minutes.

Attachment:
Equipment Board Minutes

Distribution:
Orig. & 1 - Addressee w/att.
1 - CCD/COB w/att.
1 - CCD/CEDB w/att.
1 - OC-CCD Chrono w/o att.

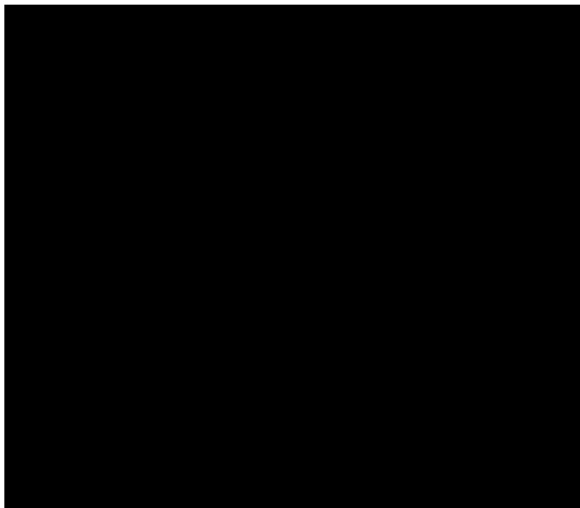
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EQUIPMENT BOARD MINUTES

Meeting No. 4-68 of the Equipment Board was held on 13 November, in the OC Conference Room. Those present were:



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I. OLD BUSINESS

A. 100 Watt Transmitter Procurement

1. Introduction

Operation Support Staff Memorandum OSS M66-1012, described the requirement for a 100 watt transmitter. The Equipment Board considered the requirement on 23 November 1966, and directed that various methods of obtaining this transmitter be considered. On 13 February 1968, the Board considered this matter again and directed a review of the quantity to be procured. After the directed review, the Board on 19 March 1968, concluded that 200 transmitters with an option of obtaining 100 additional units, should be purchased. Subsequent to this action there were differences of opinion between OC and OL as to whether a production contract or an R&D contract was most appropriate in this case. Consequently, a contract was not let for this transmitter.

2. Discussion

Since the New Business and Old Business are closely related and the discussion ranged over both items under consideration all discussion is reported under New Business.

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3. Conclusions and Recommendations

It was agreed that the transmitter described in OSS M66-1012 should still be produced, but that 150 rather than 200 units should be purchased.

II. NEW BUSINESS

A. HF Staff Emergency Equipment

1. Introduction

Members of the Engineering, Operations, Telecommunications and Operations Support Staffs met during the month of August to consider standardizing on an item of HF equipment for staff emergency use. A variety of equipments are now employed for this purpose, some of which are not wholly suitable and some of which, due to their age, must be replaced in the foreseeable future. OSS M68-906, dated 27 August 1968, reports on the findings of the working group. These findings were endorsed by [REDACTED] who directed that the report be presented to the Board for consideration.

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2. Discussion

[REDACTED] reviewed the work of the group to define the requirement for HF staff emergency equipment. A KWM-2A transceiver was displayed as representative of the kind of item which is now being used for this purpose. [REDACTED] pointed out that the KWM-2 does not meet the requirement, but that this equipment was used as a point of departure for considering a new item for this task. [REDACTED] noted that this requirement does not replace the requirement for a 100 watt transmitter as previously approved. [REDACTED] then read the original concept paper for the 100 watt transmitter noting that it was subsequently decided that the 100 watt transmitter did not meet the staff emergency requirement, therefore, the new requirement was introduced. [REDACTED] noted that if a single unit can meet both requirements contracting response will be quicker and less expensive. [REDACTED] then asked whether the new (Staff Emergency) requirement will cover the previous requirement. The concensus was that a transceiver unit can fulfill both requirements. [REDACTED] pointed out that we were attempting to avoid development and now it appears as if we are talking about two development projects. [REDACTED] noted that if we are discussing a single item to do both jobs he presumes there will be a loss of efficiency when employing the more versatile item. At this point [REDACTED] objected to the use of a transceiver strongly noting his preference for separate transmitter

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and receiver equipment. [redacted] asked which need was more pressing from a quantitative standpoint to which [redacted] replied the staff emergency requirement was largest. [redacted] reported that 661 RT-1B and URT-11 equipments were produced, that 87 of these are left in stock, and that our records show about 98 in use. Location of the remaining units is not known, but a large number have presumably gone for various projects. Additionally, 83 PAL-350's are in current use as are about 158 RS-1's.

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[redacted] asked how reliable the 87 URT-11's are today and [redacted] said that there were no reliability problems. [redacted] said that the transceiver is more costly and [redacted] again voiced his desire for separate transmitter/receiver units with a transceiver being "acceptable."

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[redacted] commented that parallel development may not be too costly and that it might be wise to pursue both developments. [redacted] asked whether the concept of the original transmitter requirement is out-moded and whether RT-1B's (URT-11's) are still in use. [redacted] replied that URT-11's are used almost daily in the Americas Area.

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[redacted] suggested that we go ahead and buy the URT-11 replacement and refine the staff emergency requirement.

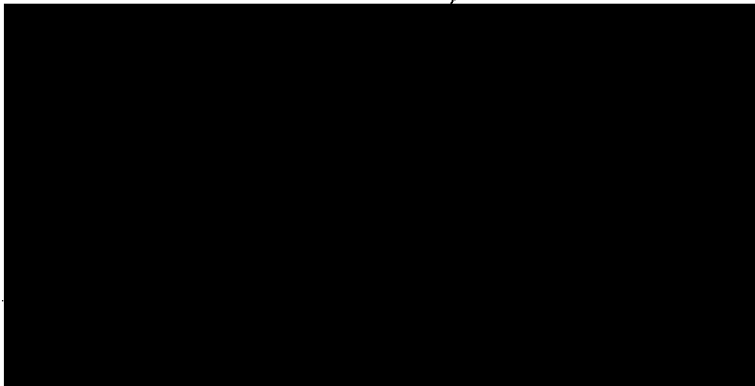
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[redacted] then moved that we proceed with the 100 watt transmitter development and then procure 100 watt transmitters and also that a specification for staff emergency equipment be prepared for subsequent consideration by the Board.

3. Conclusions

The Engineering and Telecommunications Staffs should work to produce specifications for new HF equipment to be used for staff emergency application.

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DD/Co: Let's get on with this. It's frank remained unresolved for too long - PRR

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