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NATIONAL MILITARY ESTABLISHMENT RESEARCH AND DEVELOPMENT BOARD WASHINGTON 25 D C

24 June 1949

MELORANDUM FOR: Subpanel on Systems

SUBJECT

Meeting of the Subpanel

1. There will be a meeting of the Subpanel on Systems of the Panel on Communication as follows:

Time: 0950

Place: Room 3E869, Pentagon Bldg., Washington, D.C.

Date: 7 July 1949

2. The agenda will be the submission of technical estimates for systems. Service representatives are requested to emphasize the submission of complete reports on those systems on which information is readily available rather than partial reports covering the entire list of projects.

J. Z. MILIAR Chairman Subpanel on Systems

July 29.09111

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RESEARCH AND DEVELOPMENT BOARD Committee on Electronics Panel on Communication

SUBPANEL ON SYSTEMS
Minutes - Third Meeting
Room 800, 60 Hudson St.
New York 13. N.Y.

June 1949

Present:

Col. J. Z. Miller, Chairman (CM)
Mr. Robert F. Brady, OCSigO (M)
Mr. John J. Kolloy, BuShips (M)
Mr. Stuart M. Schram, Jr., AMC (M)
Mr. H. Y. Littlofield, WL (M)
Mr. Royden F. Allen, ML (D)

File

Also Present:

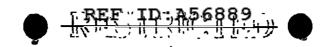
Mr. Harry W. Parmer, SCEL

Absent:

Mr. Howard T. Hart, AF (M) Mr. W. B. Brann, ASA (M)
Mr. William M. Richardson, ONR (M)
Lt. Cmdr. J. V. Jones, CNO (H)

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1. Tochnical Estimatos

An effort was made to draft Technical Estimates for Systems Projects but basic data were not avialable. Service representatives were given copies of chart form for tabulation and were requested to propare general description and chart for each item. It is planned to include this information in an appropriate appendix of Technical Estimates.

2. Systoms Projects:

Two now items appeared to be of primary interest, the Army project SC-505C "Overall Study of Data Transmission" and the Navy CODAR. These items will be included in Technical Estimates if it appears that they should be considered as Systems Projects. These items will be discussed at the next meeting.

Not much activity concorning the Bolt Line Project was reported.

Hr. Parmor reported that agreement had been reached to standardize on 20 cycle ringing systems. Hr. Parmor also gave a complete report indicating good progress on (1) Investigation of Automatic Trunk Dial Systems, (2) GSA4, Remote Control Device for Facilitating the Interconnection of Radio and Wire Elements of Communication Networks, (3) GSA5, Systems Control Board for Audio Circuit Patching, etc. and (4) GSA7, Voice Operated Control Unit for Interconnecting Two Tactical Radio Sots at Relay or Switching Point, etc. The last item will have now nomenclature soon.

Mr. Kolloy gave a complete description of the Navy Fox communication system. There was some discussion as to whether these systems should be classified as RDB Systems Projects since they are operational in nature and do not require specially developed equipment. It was agreed that they be carried as secondary interest items.

3. Systems Standards

Mr. Parmor presented copies of a working level agreement as to standards for frequency division systems, including terms and definitions, explanatory notes and diagrams, and tentative design objectives and standards. This paper will be submitted to Departments for concurrence, after which it will become the working standard. Fork will continue on other transmission standards. Frequency standards were discussed.

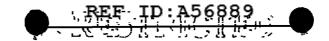
4. Countermeasures

Attention was directed to exchange of letters between RDB and JCS dated 13 May 1948 and reply of recent date.

5. Communications Systems Bibliography

Bibliography is being mailed to members, one copy having been received by Chairman.





6. Circuit Requirements

This matter will be brought to attention of Panel on Communication at next meeting.

7. Noxt Mosting.

Next meeting will be held in Washington, D. C., time and place to be announced. Mr. Brady will arrange. Dete, July 7, 1949.