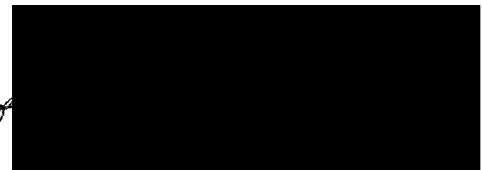


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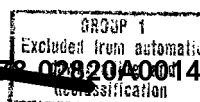
MONTHLY REPORT
ENGINEERING SERVICES BRANCH
November 1968

Attached hereto is the Monthly Report
for November 1968.

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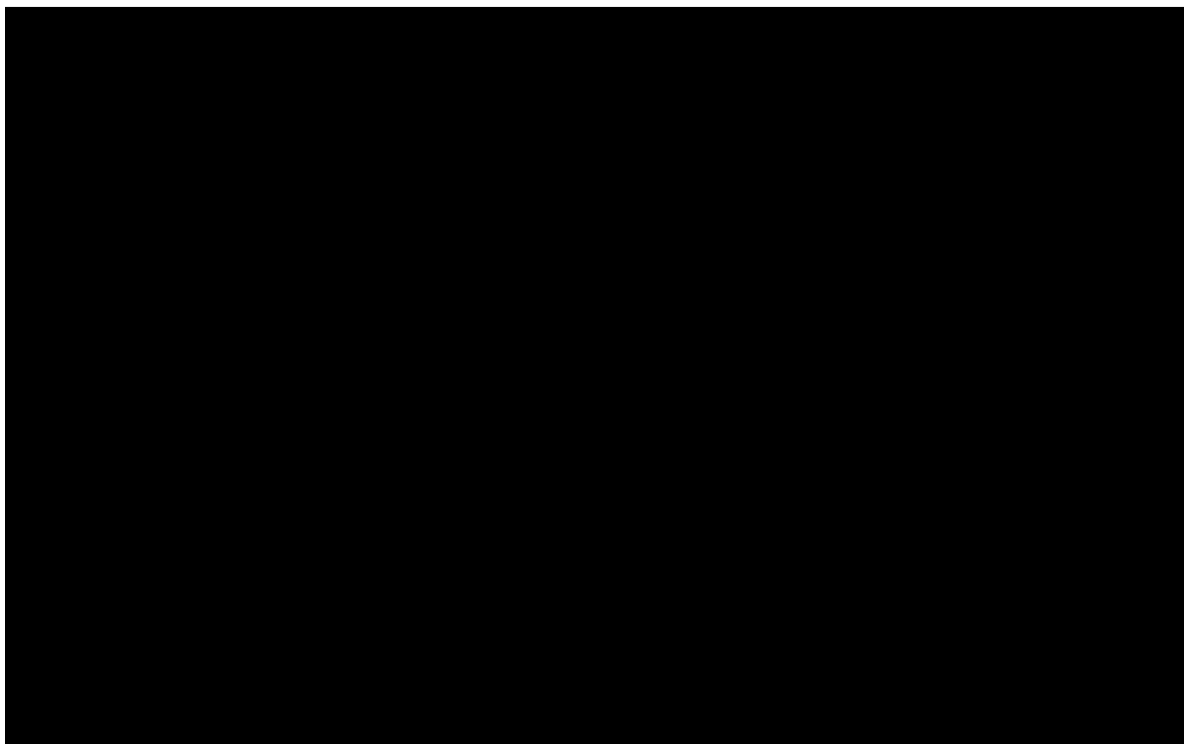
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B. [REDACTED]

1. SG-70 Exciter - Ninety modification kits for the 79000 series have been received and pouched to the appropriate areas. Installation of these kits will place approximately 60% of the units in normal service. The remainder of the kits should be in the field prior to the end of the next reporting period.

2. SG-75 Exciter - [REDACTED] intends to change the component installation scheme on the two main oscillator boards. The change was not because of technical problems, but to reduce the amount of time it takes to completely check the boards. Previously, [REDACTED] check-out time was running up to forty hours per board.

3. HFL-1000 Amplifier - An all-Area dispatch will be sent shortly concerning the filament on the final. The essence of the dispatch is that at higher input voltages, i.e., 125 VAC and 230 VAC, the filament is receiving more than its rated voltage and shortened tube life results. In addition, a dispatch concerning L114 is in draft form. It will contain test information and suggested remedies.

4. ST-3A - A sample phase comparator kit was installed and tested at [REDACTED]. Indications are very good in that tuning is simplified and, more important, there is less chance of tuning error. These kits have been ordered and will be sent to the field.

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25X1A5a1 5. Receivers - The LORCH-240 (\$8,500.00) and Sylvania R-1414 (\$5,000.00) were examined. Discussions were held with [REDACTED] concerning possible changes on the model 1500 in order for us to use it as a strip receiver (\$1,000.00). Procurement memoranda were written for two General Dynamics SC-914 receivers (\$11,000.00 each) and a National GRR-17 (\$10,000.00) for evaluation purposes.

C. DRAFTING AND REPRODUCTION SECTION

1. Engineering Technical Bulletins - Revised pages for Engineering Technical Bulletin No. 39-4, CRYSTAL DATA HANDBOOK.

2. Modification Work Orders - Amendments to MANDATORY Modification Work Order No. 134-I, 208U-10 Linear Power Amplifier.

3. Maintenance Parts Lists

a. Maintenance Parts List No. 85, Antenna System Delta Electronics Model HFAS-3A.

b. Maintenance Parts List No. 86, Antenna System Delta Electronics Model HFAS-3.

c. Revision to Maintenance Parts List No. 82, KW-7.

d. Maintenance Parts List No. 87, KT-13 Tool Kit, Printed Circuit Board.

e. Maintenance Parts List No. 90, Northern Radio Co. Diversity Combiner Type 234 Models 2 & 2C.

4. Drawings Completed - Approximately 85 drawings of various sizes were completed and reproduced copies were forwarded to the originator.

5. Charts Completed - The following charts were completed this month:

a. Viewgraphs - Twenty-four

b. Three Printed Circuit Boards

c. One training chart

6. Reproduction -

a. Xerox machine reproduced 8,000 copies.

b. Bruning 440 reproduced 1000 sepias and opaque

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7. General -

a. The 914 Xerox machine has been replaced by a new 720 Xerox machine.

b. A new Slide Projector (Air Quipt Auto Stock Model 550) has been purchased for general OC-E usage.

c. The FSMF File has been relocated to Rm. 731.

D. ATTACHMENT

TDY Report

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