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RAYTHEON MANUFACTURING COMPANY

INTERIM DEVELOPMENT REPORT #12

FOR

INFRARED TRANSMITTING SETS

This report covers the period of 16 August to 15 September 1954

RAYTHEON MANUFACTURING COMPANY

formerly

BELMONT RADIO CORPORATION

5921 W Dickens Ave

Chicago 39, Illinois

NAVY DEPARTMENT BUREAU OF SHIPS ELECTRONICS DIVISION

Contract NObsr -57418
Index No. NE-020731

**FURTHER DISSEMINATION IS AUTHORIZED ONLY TO
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Contractor holds and is licensed under many thousands of patents and patent applications, and it is impractical for this reason to identify those which may be pertinent to this project. It is quite possible that many of them are

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RAYTHEON MANUFACTURING COMPANY

Contract NChs: -57416
Index No. NE-020731

Date 22 September 1954
Period Covered 8/16/54 to 9/15/54

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OBJECTIVE:

To design, develop and construct five (5) Type AN/UAT-1 Infrared Transmitting Sets, in accordance with Bureau of Ships Contract Specification SHIPS-T-656, dated 15 March 1952

GENERAL DATA:

A large part of the required electrical components was received from vendors during the period of this report. However, certain transformers and capacitors will not be delivered until sometime later in September or October. This may delay completion of the modulators until later in November, whereas completion was originally scheduled for November 1st.

Because of delays in fabricating the transit case shells it has not yet been possible to send them to Craig Machine, Inc. for final fabrication. It is expected that the cases will be ready to be sent to Craig by September 24, and the finished cases should then be ready by December 1. Fabrication of other mechanical parts is proceeding according to schedule, and chassis, etc. will be ready for wiring when required.

The maintenance parts list is being prepared and should be ready for submission by October 6. A quantity of clear glass globes for use on the transmitter assemblies will be submitted to Portsmouth Naval Shipyard for application of filter coating by October 1.

Because of the delays mentioned the estimated date for start of inspection testing is revised to January 15 instead of December 15

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RAYTHEON MANUFACTURING COMPANY

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A revised multi-progress chart is included in this report.

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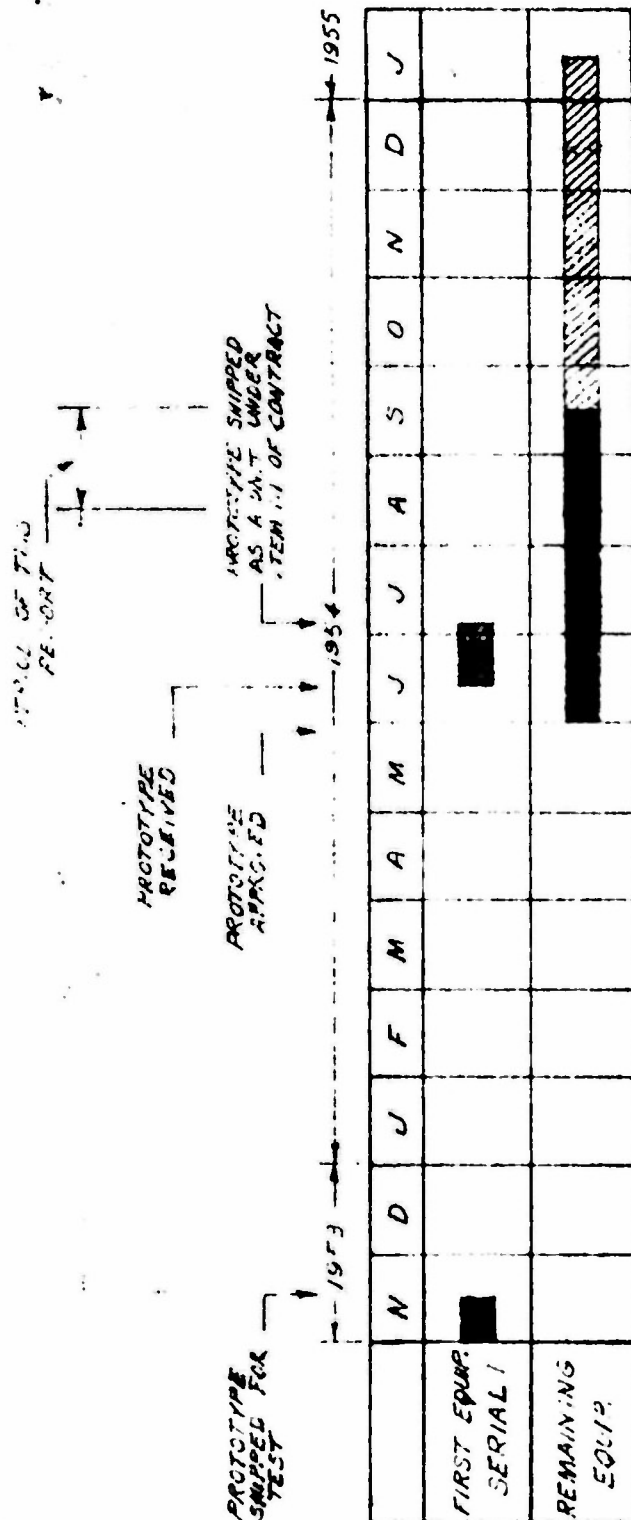


CHART CODING

CROSS-HATCH - WORK TO BE COMPLETED

SOLID - WORK COMPLETED

MULTI-PROGRESS CHART
AN/UAT-1

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