

CONFIDENTIAL

605-T.013

ORIGINAL CL BY 235979
 DECL REVW ON 2010
EXT BYND 6 YRS BY SAME
REASON 3d (3)

PROGRESS REPORT
FOR
MONTH OF DECEMBER 1958

DOC	<u>OR</u>	REV DATE	<u>28 APR 1960</u>	BY	<u>018373</u>
ORIG COMP	<u>33</u>	UPI	<u>56</u>	TYPE	<u>03</u>
ORIG CLASS	<u>M</u>	PAGES	<u>1</u>	REV CLASS	<u>C</u>
JUST	<u>22</u>	NEXT REV	<u>2010</u>	AUTH:	HR 76-2

BROADBAND ANTENNAS, FILTERS AND DETECTORS

Purpose: To determine the feasibility of developing a broadband system for the 50 mc to 40,000 mc frequency range.

Persomel: Electrical Engineers:

25X1

Status: A preliminary study was made to determine the dimensions of the filters necessary to fulfill the customer's requirements. This study consisted primarily of a search of the literature and a survey of commercially available filters. It was concluded that a comprehensive study program will not be necessary and that filters of reasonable sizes can be designed, using fairly well-known techniques. The estimated sizes of the various filters involved are included in the final engineering report. With this, the study program was completed and the final engineering report written. The preparation of this report has been completed except for some minor editing and publishing.

Future Plans: The final engineering report will be published.

CONFIDENTIAL