

AD-A122 533 ECHO RANGING/PROBE ALERT PERFORMANCE ANALYSIS(U) JAYCOR
ALEXANDRIA VA UNDERSEA WARFARE DIV S L ADAMS 04 NOV 82
J640-021-82-2242 N00024-81-C-6288

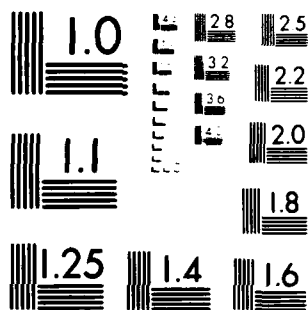
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Echo Ranging/Probe Alert, Channel Second Moments, Performance Prediction

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report summarizes work to predict communication system performance of the
Echo Ranging/Probe Alert Long Range Call-Up System.

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Echo Ranging/Probe Alert
Performance Analysis

Final Report

4 November 1982

JAYCOR Document No. J640-021-82-2242

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1.0 INTRODUCTION

The JAYCOR effort on this contract included technical analyses of acoustic communication equipment, system performance predictions, sea test design and data analysis, and proposing functional system design alternatives.

2.0 SUMMARY OF WORK PERFORMED

The JAYCOR effort focused on the analysis of the Echo Ranging/Probe Alert Long Range Call-Up system. A number of performance analyses were conducted and are documented in the reports listed in the bibliography. One major output of the effort is a computer implemented performance prediction model.

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