

72 AL 261

APPLICATION FOR SPECTRUM REVIEW		CLASSIFICATION	PAGE
NTIA GENERAL INFORMATION			
1. APPLICATION TITLE RAYTHEON MARINERS FATHFINDER			
2. SYSTEM NOMENCLATURE MARINE NAVIGATIONAL RADAR, X BAND, S BAND			
3. STAGE OF ALLOCATION (X one) ☐ a. STAGE 1 - CONCEPTUAL ☐ b. STAGE 2 - EXPERIMENTAL ☒ c. STAGE 3 - DEVELOPMENTAL ☐ d. STAGE 4 - OPERATIONAL			
4. FREQUENCY REQUIREMENTS a. FREQUENCY(IES) 9345M - 9405M 3025-3075M b. EMISSION DESIGNATOR(S) 0.06us - 1.0us pulse 0.06us - 1.0us 3600-900 PRF (PPS) 3600-900 PRF (PPS)			
5. PURPOSE OF SYSTEM, OPERATIONAL AND SYSTEM CONCEPTS (WARTIME USE) (X one) ☐ a. YES ☒ b. NO Test Platform for use in the repair of these systems on a commercial level.			
6. INFORMATION TRANSFER REQUIREMENTS None			
7. ESTIMATED INITIAL COST OF THE SYSTEM Unknown			
8. TARGET DATE FOR a. APPLICATION APPROVAL March 2001 b. SYSTEM ACTIVATION April 2001 c. SYSTEM TERMINATION unknown			
9. SYSTEM RELATIONSHIP AND ESSENTIALITY The system is essential in the support of the repair activity of this system			
10. REPLACEMENT INFORMATION None			
11. RELATED ANALYSIS AND TEST DATA No EMC studies conducted thus far			
12. NUMBER OF MOBILE UNITS The system is not mobile, fixed system			
13. GEOGRAPHICAL AREA FOR a. STAGE 2 Norfolk Facility, Raytheon Service Company b. STAGE 3 36° 52' 38" N, 76° 13' 13" W c. STAGE 4			
14. LINE DIAGRAM (See Page(s)) rotating radar, omnidirectional		15. SPACE SYSTEMS (See Page(s)) NA	
16. TYPE OF SERVICE(S) FOR STAGE 4 Radio Navigation, LAND		17. STATION CLASS(ES) FOR STAGE 4 RN	
18. REMARKS			
DOWNGRADING INSTRUCTIONS		CLASSIFICATION	

DD FORM 1494, AUG 96

72 AL 261 - 1511