

FORM NTIA-44 (3/91)	U.S. DEPARTMENT OF COMMERCE NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION	Classification UNCLASSIFIED	Control Number SPS-16560/1 ERP-1064/1
CERTIFICATION OF SPECTRUM SUPPORT			

Recipient Agency Air Force	System General Dynamics AN/PRC-112 & -112B/B1/G VHF/UHF CSAR Transceiver	Stage of Review 4 - Operational
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Section 1: OPERATING CHARACTERISTICS FOR WHICH SUPPORT IS CERTIFIED

Frequency (MHz)	Emission	Power (W)	Station Class	Operating Location
121.5 243	3K21A2A	1	MOB	US&P
243 282.8	2K80G1D 7K00A3E	1	MO	
225-320	450KD1D	2		
290-320 (transmit)	600HG1D	5	UA	
240-270 (receive)		Not applicable		
406.025	2K00G1D	5	TE	
1575.42 (receive)	24M0G1D	Not applicable	UM	

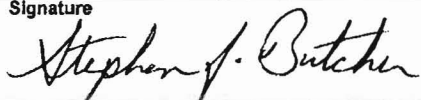
Section 2: SOURCE DOCUMENTS

Docket Number	Description of Document	Dated
SPS-16425/1 SPS-16509/1	Air Force Request for Stage 4 System Review NTIA Preliminary Assessment	March 21, 2008 June 6, 2008

Section 3: SPS RECOMMENDATIONS

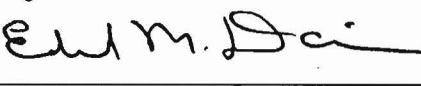
The Spectrum Planning Subcommittee has reviewed this system under the provisions of Chapter 10 of the NTIA Manual, and recommends that:

1. NTIA certify Stage 4 spectrum support for the General Dynamics AN/PRC-112B/B1/G VHF/UHF Combat Search and Rescue (CSAR) Transceiver as specified in Section 1, noting that the system characterized in SPS-16425/1 is backwards compatible with the AN/PRC-112 and AN/PRC-112B/B1 radios.
2. Air Force be aware that this system operates under provisions of the NTIA Manual Section 5.1.2 because six emission designators (600HG1D, 2K00G1D, 2K80G1D, 3K21A2A, 7K00A3E and 450KD1D), having wide emission bandwidths at -20 dB and/or -40 dB levels, do not comply with the standard of fundamental level specified in Subsection 5.2.2.2 of the NTIA Manual.
3. Air Force ensure that this system will not be reprogrammed by operators in the field (e.g., to transmit in bands other than those specified in Section 1 of this certification without NTIA approval).

Name/Title of Recommending Official Stephen J. Butcher SPS Chairman	Signature 	Date OCT 27 2008
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Section 4: NTIA CERTIFICATION

The Office of Spectrum Management certifies Stage 4 spectrum support for this system. This office concurs with the SPS recommendations in Section 3. Furthermore, this office advises the Air Force that it may be necessary to provide additional information concerning the antenna characteristics when requesting frequency assignments for the subject system through the Frequency Assignment Subcommittee process.

Name/Title of Certifying Official Edward M. Davison Deputy Associate Administrator	Signature 	Date OCT 27 2008
Downgrading Instructions	Classification UNCLASSIFIED	Distribution IRAC, SPS, FAS, EPS