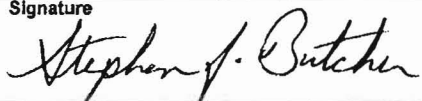
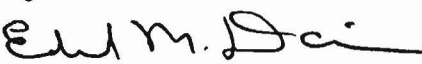


FOR INFORMATION

Doc. 36518/1

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
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		Signature		Date	
Stephen J. Butcher SPS Chairman				OCT 27 2008	
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		Signature		Date	
Edward M. Davison Deputy Associate Administrator				OCT 27 2008	
Downgrading Instructions		Classification		Distribution	
		UNCLASSIFIED		IRAC, SPS, FAS, EPS	