

Application for Experimental License

This application is for Northrop Grumman Systems Corporation (NGSC) operation of the G/ATOR radar system at its facility in Linthicum, MD. The G/ATOR radar is a fixed location, Air Surveillance Radar System. The IFF radar transmits on 1030 MHz and the IFF receive is on 1090 MHz, using the SIF modes (1, 2, 3/A and C). The UPX-44 IFF operates on a multi-mode configuration, dependent on the primary radar search mode.

This work is being performed pursuant to a contract with the U.S. Navy/USMC, Contract Number M67854-07-C-2027. Contract Government POC is: Major Chris Stephenson, Program Executive Office – Land Systems. Contact: chris.stephenson@usmc.mil or Christopher.stephens@usmc.smil.mil (W) 703-784-0620 (no voicemail); (mobile) 703-798-3138.

IFF operation has been coordinated with the Federal Aviation Administration (FAA), coordination number NG T160002. This coordination stipulates that the IFF operate only with the SIF modes (1, 2, 3/A, C), at a fixed PRF of 357 Hz, and blanking from 016 degrees through 200 degrees referenced true North.