From: Don Porter

To: John Kennedy
Date: July 07, 2005

Subject:
FCC File # 0259-EX-ST-2005

Message:

Please report the following parameters for coordination of 1345 MHz with the FAA (please state None or N/A where appropriate):

- peak envelope power (PEP): 96.65 watts

- type of antenna: Dipole antenna for both Tx & Rx

- transmit antenna gain: a little less 0 dBi

- elevation above sea level of the antenna site: 225 meters

- height above ground of the focal point of the antenna: 9 meters

- antenna polarization: Omnidirectional

- the azimuth that the antenna is pointed or appropriate designator to indicate whether the antenna is rotating, non-directional, etc.: N/A

- pulse repetition rate (PRR) that the equipment is capable of operating on to include PRR stagger sequences if appropriate, whether the PRR is adjustable and what PRR"s the equipment can accept, and any other information that would be helpful in understanding the pulse characteristics (staggered, jittered, fixed) of the equipment: N/A

- pulse width: N/A

- equipment nomenclatures: Northrop Grumman Space Technology (NGST) Radio Systems Airborne Maritime Fixed (AMF) Joint Tactical Radio Systems (JTRS) Wideband Networking Waveform (WNW) Transmitter & Receiver

- whether the equipment is capable of blanking transmissions in certain azimuths and any limitations with respect to blanking: N/A

- radius of operations if appropriate: 200 km

- detailed description of the proposed operation to include any technical parameters that will be altered during operations.

Our plan is to demonstrate a digital command and control system that transfers information on the move, near real time, situational awareness to provide commanders the ability to digitally control and monitor their subordinate units status and position.