

PUBLIC INTEREST STATEMENT

1. Introduction

By the instant application (“Application”), DRS C3 & Aviation Company (“DRS C3&A”) requests that the Commission grant a two year experimental license to permit DRS C3&A to operate the facilities (the “Facilities”) specified in the instant application.

2. Purpose and Nature of the Operation

DRS C3&A is a world leader in Naval display consoles and is a leading supplier of networked and integrated sensor control systems for military and homeland security missions. DRS C3&A incorporates dynamic technologies in command, control, computing, and communications to provide new approaches for seamless homeland security, homeland defense, and military operations. The company’s solutions for force protection, undersea warfare and ship self-defense incorporate virtually undetectable radar, day/night video and a multi-sensor tracking system to provide highly accurate detections and tracking of targets. Designed and built for border, coastal/port defense, and surveillance the systems automatically identify and classify moving ground and shallow-water targets, contributing to national security objectives to safeguard borders, littoral regions and valuable assets from terrorist acts.

This application is submitted in order to obtain a two year license to continue the operations previously authorized by STA under File No. 0305-EX-ST-2012. Confidential information regarding the purpose and nature of the experiment, as well as the transmitting equipment, is contained at Confidential Exhibit 3.

3. Interference Mitigation

DRS C3&A is well aware of its obligations under Part 5 of the Commission’s rules to avoid interference to co-channel licensees in non-experimental services, and will take all steps to ensure compliance with this obligation. With respect to interference mitigation, DRS C3&A understands that FAA (or other stakeholders) may require certain limited azimuth and/or elevation blanking in order to ensure that the proposed Facilities do not pose a threat of interference to adjacent emitters. Accordingly, this is to confirm that the subject radar device has the capability to inhibit radiation from specific azimuth sectors and that DRS C3&A stands ready to work with FAA to identify any reasonably necessary azimuth restrictions for the system.

4. Statement of Environmental Impact

The transmitter will be operated at temporary fixed locations, will not be operated in a vehicle, and will only transmit when stationary. For the temporary fixed testing at Three Points, Arizona; Playas, New Mexico; Largo, Florida; and Gaithersburg, Maryland, the radar will be mounted on top of a four to six foot tripod which will be located less than 6m above the roof of a building or on a hilltop. For the temporary fixed tower testing in Tucson, the radar will be mounted on a 12.2 to 27.4 meter tower.

Controls will be put in place such that company personnel, customers, or members of the public are not subjected to RF power density levels that exceed the Maximum Permissible Exposure (MPE) limits as given in Part 1.1310 of the FCC Rules.

5. Stop Buzzer.

DRS C3&A advises that the following will be available by wireless telephone and will act as “stop buzzers” if any issues regarding interference arise during testing:

Dave Breitzkreitz – (520) 240-2471

For the foregoing reasons, DRS C3&A respectfully submits that approval of this Application is in the public interest, convenience and necessity.