

STA REQUEST

1. Introduction

By the instant application (“Application”), DRS ICAS, LLC (“DRS ICAS”) requests that the Commission grant Special Temporary Authority to permit DRS ICAS to operate the facilities (the “Facilities”) specified in the instant application. DRS ICAS is a Limited Liability Company.

2. Purpose and Nature of the Operation

DRS ICAS is an industry leader in the design, development, and manufacture of avionics systems, flight safety products, tactical radios, communications equipment and intelligence systems used by the United States and friendly foreign military services. The company also integrates its products onto military and other government agency platforms and supports these products worldwide.

DRS ICAS has been advised by the government that the Acceptance Test Procedures applicable to the contract below have been modified to require transmissions between 500-602 MHz in support of a demonstration for the government customer that is currently scheduled for February 2013. To allow sufficient time for test set-up and for any potential delays due to weather and other factors, a STA period of less than five months has been requested. At this time, DRS ICAS does not anticipate that the tests on these frequencies will last longer than the period specified in this request (1/18/13-5/31/13) and therefore request of an STA is justified under the Commission’s rules and policies. The information related to the applicable contract is as follows:

CECOM

Contract #: W15P7T-05-D-D213

CCEE-CA-TD CECOM Contracting Center, Ft. Monmouth, NJ, RATED DOA7

POC: Cynthia Cook, Army Contracting (732) 427-1428;

Jorge Torres DRS ICAS (585) 662-8790

As a general matter, these transmissions will support the design, construction, integration, training and delivery of an Intelligence Communication System (SIC) that will permit the detection, demarcation and localization of emitters; intercept, register and analyze voice and data communications signals.

3. Transmitting Equipment

Manufacturer	Model	Quantity	Experimental?
Poynting Antennas (Pty) Ltd.	LPDA-A0037	2	Yes
AR RF/Microwave Instrumentation	150W1000	2	Yes
Rohde and Schwarz	SMB100A	2	Yes

4. Directionality Information

- Gain: 6 dBi
- Half Power Points: 60°
- Vertical Orientation Only

5. Interference Mitigation

Operation of the requested Facilities will not be continuous. Rather, authority for only sporadic operation of the Facilities is requested during the authorized timeframe, and testing will be coordinated with the Eglin Air Force Base spectrum manager.

DRS ICAS 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.

6. Minimum Frequency Requirements

DRS ICAS notes that although it has requested three bands, the company requires operational authority only on 2 MHz of continuous spectrum.

7. Stop Buzzer

DRS ICAS hereby advises the Commission that the following personnel will act as “stop buzzers” if any issues regarding interference arise during testing:

Primary: Gary LaPlaca, Sr. Field Test Engineer (603) 262 6191

Alternate: Carl Friborg, RF Systems Field Engineer (603) 262 6203