

PUBLIC INTEREST STATEMENT

1. Introduction

By the instant application (“Application”), DRS ICAS, LLC (“DRS ICAS”) requests that the Commission grant a two year experimental license 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.

This Application seeks authority for continued operation of the Facilities previously authorized under File No. 0007-EX-ST-2012 (WF9XJX). Please note that because the activities under this license are to be conducted to support both a government contract and non-government commercial sales, it is requested that the license specify “XD” as the Radio Service.

This particular experiment will involve ground-based transmissions at and around Eglin Air Force Base required for the implementation of the following contract as well as commercial contract activities:

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

Band/Manufacturer	Model	Quantity	Experimental?
14350-14900 kHz, 29890-29910 kHz, 46.6-49.9 MHz, 148-149.9 MHz, 173.4-174 MHz, 454-455 MHz - ICOM	IC706MK2G	4	No
4.94-4.96 GHz – Harris RF Communications	RF-7800W-OU440	3	No

4. Directionality of Fixed Antenna

The parabolic dish has a half power beamwidth of 4.7 Degrees in both vertical and horizontal planes.

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. 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: Joe Figiulo, Systems Integration & Test Engineer, DRS ICAS LLC
 (603) 262-6247

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