

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.

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 particular experiment will involve ground-based transmissions required for the testing of Identification Friend or Foe (IFF) interrogator equipment that is being developed under a contract with the US Air Force. The purpose of the experiment is to test the IFF equipment with the use of signals from an IFF interrogator (Raytheon Model 57). The contract information associated with this experiment is as follows:

Program Name: Peace Onyx III, Multiband Threat Simulator System
Contract Number: FA8615-11-C-6047

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3. Directionality

Width of Beam in Degrees at half-power point	Orientation in Vertical Plane	Orientation in Horizontal Plane
20°	0 to +40°	360° (but can be limited to an assigned sector – See Section 4 below)

4. 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 can be coordinated with the Buffalo Airport Tower to mitigate interference potential. DRS ICAS has made preliminary contact with the Buffalo Airport Tower to confirm that it can accommodate these tests.

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. Accordingly, this is to confirm that the horizontal orientation of the emissions can be limited to a north-oriented coverage if requested. With such limitation, the antenna would rotate between 270° and 90° through north.

5. 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:

Dan Ehrenhalt, DRS Engineering - Cell 716-418-0182

Keith Nunn, DRS Security - Cell 716-491-0837