"Public" Exhibit 1

PUBLIC INTEREST STATEMENT

1. Introduction

By the instant application ("Application"), Dynetics, Inc. ("Dynetics") requests that the Commission grant a two year experimental license to permit Dynetics to operate the facilities (the "Facilities") specified in the instant application.

2. Purpose and Nature of the Operation

Dynetics, headquartered in Huntsville, Alabama, delivers high-quality, high-value engineering, scientific, and information technology (IT) solutions to customers within the U.S. government and a range of other market segments. Dynetics is an employee-owned, mid-tier, engineering solutions provider for the defense, aerospace, and commercial industries since 1974.

As a general matter, this experimental license is requested to support a Dynetics Internal Research and Development (IRAD) project to develop, test and validate a ground surveillance radar. Additional confidential information regarding the purpose and nature of the experiment is contained at Confidential Exhibit 3.

Waiver of the Station ID rules set forth at Section 5.115 is respectfully requested.

A "No" reply has been inserted with respect to the question "Is a directional antenna (other than radar) used?" because the transmitter is a radar device. For the purposes of full disclosure, however, the following additional directionality information is provided:

Width of beam in degrees at the half power point:	Azimuth: 120 deg or less, elevation: 30 deg or less; depending on the desired ERP (higher ERP results in smaller beamwidths)
Orientation in horizontal plane:	Any orientation relative to North
Orientation in vertical plane:	Fixed at 0 deg; level with horizon

A "Yes" reply has been inserted with respect to the question "Will the antenna extend more than 6 meters above the ground..." because the antenna height will be no more than 15.24m above ground to tip. Because the license requests authority to operate throughout the United States, the elevation of an antenna site/distance to nearest aircraft landing area/shielding will vary depending on the specific location of operation. The figures provided on FCC Form 442 represent elevation/distance/shielding figures for Dynetics' campus location at Huntsville, AL.

3. Interference Mitigation

Dynetics 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, Dynetics

understands that FAA (or other stakeholders) may require certain limited azimuth and/or elevation orientations 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 Dynetics stands ready to work with FAA to identify any reasonably necessary azimuth restrictions for the system.

4. Stop Buzzer.

Dynetics advises that the following will be available by wireless telephone and will act as "stop buzzers" if any issues regarding interference arise during testing:

Primary: Michael Stokes (256-682-0342)
Secondary: Joel Simoneau (256-744-4514)

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