

PUBLIC INTEREST STATEMENT

1. Introduction

By the instant application (“Application”), Dynetics, Inc. (“Dynetics”) requests that the Commission grant a 2-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 provides complete lifecycle analysis, engineering, and hardware, to support customer missions.

An experimental license is requested to test a radar prototype in support of the following contract:

Agency:	US Army
Contract No.:	W31P4Q-20-D-R001/TO 0001
Government POC:	Tracey Hatcher
	tracey.e.hatcher.civ@mail.mil
	256-842-8386

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: 7 deg, Elevation: 7 deg
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Orientation in horizontal plane:	Any orientation relative to North
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Orientation in vertical plane:	0 to +180 degrees relative to the horizon
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Specific confidential information regarding the facilities to be tested, and the purposes of this test, are included at Confidential Exhibit 3, subject to the Confidentiality Request at Exhibit 2.

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

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.

When operating on Redstone Arsenal, operations will be coordinated with the Government POC and the Redstone Arsenal Frequency Spectrum Coordinator.

With respect to interference mitigation, Dynetics understands that the FAA (or other government stakeholders) may restrict radiation to certain azimuth and/or elevation sectors in order to ensure that the proposed Facilities do not pose a threat of interference to adjacent emitters. Accordingly, this is to confirm that Dynetics stands ready to work with the FAA to identify any reasonably necessary restrictions for the system.

4. Stop Buzzers

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

Primary: Steve Cross (256.348.1560)

Secondary: Trung Dam (417.234.0637)

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