

PUBLIC INTEREST STATEMENT

1. Introduction

Leidos, Inc. (“Leidos”) respectfully requests that the Commission grant a limited Special Temporary Authority (“STA”) to permit Leidos to operate the system specified in the attached application. Operation of the requested system is anticipated at this time to be required only for a very limited 17 day period from July 1, 2014-July 24, 2014. Accordingly, issuance of an STA is appropriate pursuant to Commission rules and policies.

2. Purpose and Nature of the Operation

This STA is requested to permit Leidos to participate in a test exercise at the request of the U.S. Special Operations Command (USSOCOM) at the Muscatatuck Urban Training Center (MUTC) in Indiana, to allow USSOCOM to evaluate a Leidos’ radar system in the context of USSOCOM’s requirements. The STA is being requested at the request of USSOCOM, to allow Leidos to operate a radar system being developed pursuant to the following government contract:

Customer/agency: **U. S. Army CERDEC/I2WD**
Contract No.: **W15P7T-12-C-A034**
Contract POC: **Anthony Naia, 443-861-0556**

NOTE: Pursuant to discussions with Commission staff, specific classified information regarding operating frequencies, bandwidths, output power/ERP, waveform has been submitted to the Commission’s Security Office pursuant to applicable procedures. It is respectfully requested that any public granting document for this STA not contain the actual classified operating frequencies, bandwidths, output power/ERP parameters to be operated by Leidos.

3. Waiver of Station ID Requirements

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

4. Directionality

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.

5. Interference Mitigation

Leidos 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, the system operated by Leidos will mitigate interference with other users through the following measures:

- Authority is requested for only limited and sporadic operation of the system. Specifically, operation of the facilities will occur only between 0800 am- 1700 pm (ET). In addition, during those hours, operation will be sporadic to address specific tests, not continuous. In fact, there may be periods of non-operation during the authorized period. It is expected that on each day, transmissions will not exceed 6 hours in cumulative duration. In addition, during the STA period, it is expected that transmissions will not occur for more than 2 weeks in total cumulative transmitting time.
- The subject radar device has the ability to “notch-out” certain frequencies that may be deemed problematic by the Commission and/or NTIA. In this regard, in order to conduct this experiment, Leidos requires a minimum of 500 MHz of continuous spectrum. Accordingly, should the Commission and/or NTIA identify any proposed notch-outs, Leidos respectfully requests an opportunity to discuss those issues prior to grant, in order to confirm that such notch-outs will allow successful performance of the experiment.
- The applicant understands that FAA (or other stakeholders) may require certain limited azimuth and/or elevation restrictions in order to ensure that the proposed system does not pose a threat of interference to adjacent emitters/receivers. Accordingly, this is to confirm that the subject system has such restriction capabilities afforded by the directionality of its antennas and that the applicant stands ready to work with FAA to identify any reasonably necessary azimuth and/or elevation restrictions for the system.

6. Stop Buzzer

Leidos advises that the following will be available by wireless telephone and will act as “stop buzzer” if any issues regarding interference arise during testing:

Daniel Berwick
734-929-7547

For the foregoing reasons, Leidos respectfully submits that approval of this application is in the public interest, convenience and a necessity.