

**1. Introduction**

By the instant application (“Application”), Leidos, Inc. (“Leidos”) requests that the Commission grant experimental Special Temporary Authority (“STA”) to permit Leidos to operate the facilities (the “Facilities”) specified in the instant application.

**2. Purpose of the Operation**

Leidos seeks Commission authority for ground-based transmissions to perform tests with support equipment to facilitate efficient communication during system tests and systems integration of a system upgrade for the government of Egypt. Interim tests will be done at our facility in Orlando, FL with a more realistic field test to be performed in Chuluota, FL. Such license is requested exclusively in support of the following contract with the Country of Egypt for the export of the subject radio equipment: Contract No.: AFCTC-1/AFCTC-2/W900KK-17-C-0066.

This Application describes the following types of transmissions, which are requested on the frequencies 164.4325 MHz, 164.2225 MHz, 164.5375 MHz and 164.3275 MHz (receive frequencies will be 159.0675 MHz, 158.9175 MHz, 159.1425 MHz and 158.9925 MHz) as follows::

**Ground-Based Mobile Transmissions**

Mobile transmissions within 15 km of the specified centerpoint coordinates at:

28-34-47 N.Lat; 081-11-43 W.Long. (NAD83) and  
28-39-51 N.Lat; 081-5-21 W.Long. (NAD83)

**Ground-Based Fixed Transmissions**

Fixed transmissions at:

28-34-47 N.Lat; 081-11-43 W.Long. (NAD83) and  
28-39-51 N.Lat; 081-5-21 W.Long. (NAD83)

**3. Waiver of Station ID Requirements of Section 5.115(a)**

A waiver of the Station ID requirements of 47 CFR §5.115(a) is respectfully requested.

**4. Mitigation of Interference**

With respect to interference mitigation, it is noted that authority is requested for only limited and sporadic operation of the facilities. Specifically, operation of the facilities will occur only between 7am – 5pm (ET). In addition, during those hours, operation will be sporadic, not continuous. In fact, there may be extended periods of non-operation during the authorized period. It is expected that on each day, transmissions will not exceed 3 hours in cumulative

duration. In addition, during the license period, it is expected that transmissions will not occur for more than 3 weeks in total cumulative transmitting time. In addition due to the height of the equipment and the surrounding wooded areas the extent of possible interference will be greatly mitigated.

**5. Stop Buzzer**

Leidos is well aware of its obligation under Commission rules to immediately terminate operation in the event of interference to any other licensed emitter. Leidos is a long-standing Commission licensee and the company will take any and all actions to ensure that it complies with its obligations as a licensee of experimental facilities. The Stop Buzzers in the event of interference are:

Primary: Raymond Conkling – Cell (407) 989-4272

Secondary: John Stimpson – Cell (321) 213-3315