

**REQUEST FOR SPECIAL TEMPORARY AUTHORITY**

**1. Introduction**

By the instant application (“Application”), DRS Sustainment Systems, Inc. (“DRS SSI”) requests that the Commission grant Special Temporary Authority (“STA”) to permit DRS SSI to operate the facilities (the “Facilities”) specified in the instant application. STA is requested for a period of 6 months. A Start Date on or before March 21, 2016 is respectfully requested.

**2. Purpose and Nature of the Operation**

DRS Sustainment Systems Inc is part of DRS Technologies, headquartered in Arlington, VA. Focused on defense technology, DRS Technologies develops, manufactures and supports a broad range of systems for mission critical and military sustainment requirements, as well as homeland security. DRS Sustainment Systems, Inc. is a recognized world leader in the integration of complex technologies into legacy systems and platforms for global military and commercial customers globally. DRS has provided the US Army’s fire support systems since 1982 and has grown to become the premier supplier globally for battlefield surveillance systems. Proven tactical radar systems increase situational awareness and security in a broad range of integrated and stand-alone applications ranging from micro UAV detection, to personnel detection, to airborne terrain following radar. Expert at battlefield subsystems integration, DRS is teamed with several global strategic partners to bring critical technologies, such as vehicle active protection and advanced medium and large caliber lethality systems, to the US customer.

The equipment does not have the capability to transmit its call sign at the end of each transmission. A waiver of the Station ID requirement of Section 5.115 is therefore respectfully requested.

Confidential information regarding the purpose and nature of the experiment, as well as the transmitting equipment, is contained at Confidential Exhibit 3.

**3. Interference Mitigation**

DRS SSI 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, DRS SSI 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 subject radar device has the capability to inhibit radiation from specific azimuth sectors and that DRS SSI stands ready to work with FAA to identify any reasonably necessary azimuth restrictions for the system.

**4. Stop Buzzer.**

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

Gary Leeper – (314) 341-1057

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