

Public Interest Statement

I. Introduction

By the instant application (“Application”), DRS Sustainment Systems, Inc. (“DRS Sustainment Systems”) requests that the Commission grant an experimental license to permit DRS Sustainment Systems to operate the facilities specified in the instant application. Operation pursuant to an experimental license is requested to continue operation of the requested facilities beyond the expiration of DRS Sustainment Systems’ existing STA. See File No. 1408-EX-ST-2016.

DRS Sustainment Systems is part of DRS Technologies, headquartered in Arlington, Virginia. 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 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 U.S. Army’s fire support service 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 U.S. customer.

II. Purpose of the Operation

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

The equipment covered by this Application does not have the capability to transmit its call sign at the end of each transmission. Accordingly, a waiver of the Station ID rules as set forth in Section 5.115 of the Commission’s rules is respectfully requested.

III. Prevention of Interference

DRS Sustainment Systems is well aware of its obligations under Part 5 of the Commission’s rules to avoid interference to co-channel licenses in non-experimental services, and will take all steps to ensure compliance with its obligation. With respect to interference migration, DRS Sustainment Systems 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 Sustainment Systems stands ready to work with the FAA to identify any reasonable necessary azimuth restrictions for the system.

IV. Stop Buzzer

DRS Sustainment Systems advises that the following individual will be available via telephone, and will act as a “stop buzzer” if any issues regarding interference arise during testing:

Rusty Jennings – (314) 553-4042

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