

PUBLIC INTEREST STATEMENT

1. Introduction

DRS Signal Solutions, Inc. ("DRS SSI") respectfully requests that the Commission grant Special Temporary Authority ("STA") to permit DRS SSI to operate the facilities specified in the attached application.

Operation of the requested facilities is anticipated at this time to be required only from 2/11/2013-7/11/2013. Accordingly, issuance of an STA is appropriate pursuant to Commission rules and policies.

2. Purpose and Nature of the Operation

DRS SSI, headquartered in Gaithersburg, MD, is world leader in high-performance Signals Intelligence (SIGINT) tuners and receivers covering frequency ranges from HF through SHF, data recording & collection, software definable radios, and geo-convergence systems. The company has served the Intelligence Community for more than fifty years, with cutting edge Size, Weight, And Power (SWAP) reduction, world class microwave technology, and tools to search, intercept, analyze, and record signals.

The purpose of this research and development experiment is to verify and demonstrate the functionality and improvement of performance of RF monitoring sensors making use of positional correction information. The results of testing will demonstrate the ability transmit correction information to widely dispersed remote sites and improve the precision of data collected by sensors located at those sites. The results of this testing will advance the state-of-the-art of sensor equipment for US DoD and Homeland Security applications.

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

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 advises that it will employ a monitor-before-send transmission scheme to ensure that the channels are free prior to operation under the requested STA.

4. Stop Buzzer

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

Mike Prendergast at (321) 720-7288

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