

PUBLIC INTEREST STATEMENT

1. Introduction

By the instant application ("Application"), DRS Sustainment Systems, Inc. ("DRS") respectfully requests that the Commission grant a two year experimental license to permit DRS to operate the facilities specified in the attached Application.

2. Purpose and Nature of the Operation

The purpose of this test is to support a US government military contract known as the Joint Assault Bridge (JAB). The relevant contract information is as follows:

- Contract No. - W56HZV-12-C-0150.
- Agency – US Army Contracting Command
- POC - Vince DiSanto (586)282-3546.

Pursuant to 47 CFR 5.61(c), the authority sought in this application is for continued experimentation utilizing the facilities initially granted under STA pursuant to File No. 0449-EX-ST-2013. While DRS originally believed that the experiment would be concluded within the initial 6 month STA period, it now appears that additional time will likely be required to complete the experiments beyond the STA period. This test requires DRS to test both analog and digital transmission between two vehicle-borne radio systems operating in the 30 to 87.975 MHz range. The purpose of the JAB system is to meet the gap crossing requirements of the Operating Forces by providing a rapidly employable, short gap, assault crossing system for the armored/mechanized forces, capable of spanning natural and manmade obstacles up to 60 feet. DRS has performed numerous tests of this type of radio system in the past in this area in support of several other government contracts under the auspices of radio frequency authorizations issued by the relevant military customers. Tests were performed at the same power level and ERP with no issues cited. For this test, testing is expected to only last for several hours on one or two days during this period. If need be, DRS can perform these tests at any time during the day or night to accommodate other users of this frequency space.

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

3. Transmitting Equipment/Transmit Antennas

Ground-Based Transmissions (30-87.975 MHz)

	Manufacturer/Description	Model No.	# Units	Experimental
Transmitting Equipment	ITT	SINCGARS AN/VRC-89	2	No
	Manufacturer/Description	Model No.	# Units	Experimental
Transmit Antenna	ITT	AS-3916/VRC	4	No

4. **Stop Buzzer.**

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

Primary: Charles Hughes 618-960-0762
Alternate: Bob Humphries 417-293-3225

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