

Exhibit 1

By the instant application (“Application”), BAE Systems Information and Electronic Systems Integration Inc. (“BAE Systems”) requests that the Commission grant a 2 year conventional experimental license to permit BAE Systems to operate the facilities (the “Facilities”) specified in the instant application.

1. Purpose and Nature of the Operation

BAE Systems manufactures and tests RF systems as well as antennas for DOD as well as other governmental customers. The testing specified in this Application will be conducted by BAE Systems Information and Electronic Systems Integration Inc., which is a major producer of electronic warfare systems, protection systems, and tactical surveillance and intelligence systems for all branches of the armed forces. This unit's lines of business include Electronic Warfare/Electronic Protection, Electronic Warfare/Information Warfare, Integrated Defense Solutions, and Mission Electronics with products and services spanning the whole electromagnetic spectrum.

The requested transmissions, an extension of the operations previously authorized by STA per call sign WI9XVI (File No. 0819-EX-ST-2015), are intended to fulfill testing requirements associated with newly built military equipment and additional field returns, pursuant to contractual requirements. Questions concerning contract issues can be directed to: Ms. Cynthia B Straney, US Navy, 202-781-1791 (cynthia.b.straney@navy.mil).

2. Waiver of Station ID

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

3. Directionality/Transmitting Equipment

A directional antenna will be mounted 39 inches above the ground, transmitting parallel to the ground along a 215.6 deg azimuth line of bearing.

Manufacturer: Sunol Sciences
Model No. JB-1
Frequency Range: 30-2000 MHz
Gain: 7 dBi max
E-Plane Beamwidth: 60 deg
H-Plane Beamwidth: 100 deg

4. Stop Buzzer

The designated point-of-contacts to terminate transmissions if interference occurs is:

George Moynihan (603) 689-8630
and
BAE Systems Emergency Services Center (603) 885-3842