

Exhibit 1

1. Introduction

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

2. Purpose of the Operation

These temporary fixed ground-based transmissions, an extension of the operations initially authorized under STA (WI9XNE) in order to address continued production deliveries through 2017, are intended to support BAE Systems’ manufacture of radar units in support of prior granted contracts with Navy - NAVICP and other potential future contracts. Contract information is available from: Robert Delaney, BAE Systems, Electronic Systems, Survivability and Targeting Systems, 323-642-5014, bob.delaney@baesystems.com.

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

3. Directionality

A “No” reply has been inserted with respect to the question “Is a directional antenna (other than radar) used?” because the transmitter is a radar device. For the purposes of full disclosure, however, the following additional directionality information is provided:

Beamwidth – E-Plane	15±1°
Sidelobe Level – E-Plane	Less than 12 dB
Beamwidth – H-Plane	7°±1°
Sidelobe Level – H-Plane	Less than 12 dB
Squint Angle – E-Plane	0°
Squint Angle – H-Plane	7°

4. Prevention of Interference

With respect to mitigation of potential interference, the equipment will typically be used for short period of time – less than 15 minutes at a time and during regular working hours - M-F - 7AM to 5PM.

5. 24/7 Stop Buzzers

Primary: Greg Whitmarsh – (607) 349-8267 or Roman Bozek – (607) 242-9178
Alternate: BAE Systems Emergency Services Center - (603) 885-3842.