

Exhibit 1

1. Introduction

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

2. Purpose of the Operation

The testing at BAE Systems’ outdoor range is a critical part of the manufacture and delivery of military systems provided to the Armed Forces in support of Homeland Security as well as war efforts. This STA request is sought to allow BAE Systems to support the development of the Coyote UAS (Unmanned Aircraft System) for the HAASW (High Altitude Anit-Submarine Warfare) program.

These operations, an extension of the operations previously granted under call sign WK9XHM (File No. 1242-EX-ST-2016) will be *strictly-ground-based transmissions and will not involve the flying of aircraft or any airborne transmissions*. This experiment will aid in the Preliminary development and verification of a wireless data link and to verify wireless data transfer and formatting, prior to more extensive field testing. Such wireless data transfer at BAE Systems’ outdoor range will allow BAE Systems to calibrate the vehicle magnetometer without being tethered to any test equipment and external cabling and to distance the equipment from magnetic sources.

A waiver of the Station ID requirements of 47 CFR §5.115(a) is respectfully requested.

The following contract applies to this effort:

Contract Number: N00014-15-C-0047

Contract POC:

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3. Prevention of Interference

BAE Systems hereby advises the Commission that the tests to be conducted under the requested Commission authorization are to be conducted near the center of BAE Systems’ Merrimack, New Hampshire facilities. Such location will result in the separation of the test facilities from other existing transmit or receive facilities.

4. Stop Buzzers

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Alternate: David Herold 603-718-0726

Alternate: BAE Systems Emergency Services Center (603) 885-3842