

Public Interest Statement

By the instant application (“STA Request”), Cobham Advanced Electronic Solutions Inc. (“Cobham”) requests that the Commission grant a two year conventional experimental license to permit operation of the facilities specified herein.

1. Purpose of Operation

The experimental test is a continuation of the operations previously authorized under STA (WJ9XRR). Initially, STA was required to determine the feasibility of whether production testing and tuning of an antenna array could be performed on Cobham’s outdoor antenna test facility. Now, Cobham has successfully determined that the antenna performance and use of the outdoor facility is a viable alternative to other test scenarios. The antenna under test is the receive antenna in this test. Specific use and application of this equipment is not available for disclosure.

The transmissions are to be performed by Cobham in its capacity as a subcontractor for DRS Training and Control Systems:

Sub-Contract Numbers: DRS PO #517327; DRS PO #596885
Customer: DRS Training and Control Systems
DRS Contract POC: Cathy O’Dell
Cathy.odell@drs.com
(727) 369-1140

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

2. Directionality

The following information describes the directionality, beamwidth and orientation of the antennas associated with these requested transmissions:

Width of Beam in degrees at half power point	Orientation in horizontal plane	Orientation in vertical plane
48°	90°	0°

3. Mitigation of Interference/Stop Buzzer

Cobham is well aware of its obligation under Commission rules to immediately terminate operation in the event of interference to any other licensed emitter. Cobham is a long-standing Commission licensee and the company will take any and all actions to ensure that it complies with its obligations as a licensee of experimental facilities.

The Stop Buzzer in the event of interference is:

Paul Carroll
IES SHE Manager
Cobham Integrated Electronic Solutions
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