

**Public Interest Statement**

By the instant application (“STA Request”), Cobham Advanced Electronic Solutions Inc. (“Cobham”) requests that the Commission grant Special Temporary Authority to permit operation of the facilities specified herein.

**1. Purpose of Operation**

The transmissions are to be performed by Cobham will involve the testing and tuning of an antenna array within the new frequency range specified in the STA Request, and will be conducted 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  
C : (267) 372-6239