

PUBLIC INTEREST STATEMENT

1. Introduction

Laurel Technologies Partnership (“Laurel Technologies”) respectfully requests that the Commission grant a 2 year experimental license to permit Laurel Technologies to operate at the location specified in the application.

2. Purpose and Nature of the Operation

Laurel Technologies is a State of the Art Radar Test and Integration facility, and is a leading supplier of networked and integrated sensor control systems for military and homeland security missions. Laurel Technologies incorporates dynamic technologies in command, control, computing, and communications to provide new approaches for seamless homeland security, homeland defense, and military operations. The company’s solutions for force protection, and ship self-defense incorporate virtually undetectable radar, day/night video and a multi-sensor tracking system to provide highly accurate detections and tracking of targets. Designed and built for border, coastal/port defense, and surveillance, the systems automatically identify and classify moving ground and shallow-water targets, contributing to national security objectives to safeguard borders, littoral regions and valuable assets from terrorist acts.

The requested license will permit continued testing of the Operating Capability of the MSTAR Radar when integrated as part of a Border and Force Protection Ground Surveillance System. The Ground Surveillance System is comprised of a trailer mounted telescoping mast that supports the mounting of a Sensor package. The Sensor package includes a MSTAR Radar and two Video cameras (Day & Night). The Radar will operate in the 16.75 - 17.25 GHz band. The application of the experiment is to test and evaluate target detection and tracking capabilities of the Radar and visual capabilities of the cameras once the target is acquired.

The Ground Surveillance System test data is necessary to show requirements compliance for anticipated bids. In addition, the anticipated RFP’s will require Laurel Technologies to provide a working pretested system for evaluation. These contracts, if awarded, will support the Domestic (CBP and US Military) and International (Middle East) Border and Force Protection Lines of Business. In addition to the above testing requirements, operation of these facilities will support the following government contract:

- Ground Based Operational Surveillance Systems (G-Boss)
- Contract No.: N00164-11-C-JT45
- Agency/Customer: NAVAL SURFACE WARFARE CENTER CRANE DIV
- POC Name and Telephone #: Dave Lanham (812) 854-3057

3. Stop Buzzer.

Laurel Technologies advises that the following will be available by wireless telephone and will act as a “stop buzzer” if any issues regarding interference arise during testing:

Jim Kijesky – (727) 331-9729 DRS LT Largo, FL

For the foregoing reasons, Laurel Technologies respectfully submits that approval of this application is in the public interest, convenience and necessity.