

PUBLIC INTEREST STATEMENT

1. Introduction

Laurel Technologies Partnership (“Laurel Technologies”) respectfully requests that the Commission grant Special Temporary Authority (“STA”) 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 Border and Force Protection Test and Integration facility and, as such, 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 STA will permit functional verification testing of force protection systems delivered per the requirements of the following government contract:

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

The period of performance for this contract covers start of production in November 2011, initial system deliveries in February 2012, and final deliveries in March 2012. Due to capacity considerations, production will run ahead of the delivery requirements. Therefore, functional verification testing will occur in the months leading up to the initial delivery and prior to each subsequent delivery.

The Ground Based Operational Surveillance System (GBOSS) is a tower-based elevated sensor system with networked remote operational capability delivering increased situational awareness. The United States Marine Corps (USMC) goal is to use these sensor systems to enhance its ability to detect hostile troop movements. The sensor suite provided to GBOSS includes primary infrared camera, a second electro-optical infrared sensor and ground-based radar networked into a single remote ground control station. Data networking is accomplished through the use of the RF-7800W High Capacity Line-of-Sight (HCLOS) radio covered by the requested STA.

3. Directionality of Antenna

	Width of Beam in Degrees at the half-power point	Orientation in horizontal plane	Orientation in the Vertical Plane
Single-Point Antenna	9.09	300°	0
Multi-Point Antenna	60°/15°	300°	0

4. 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.