

STA LICENSE REQUEST

ITT Gilfillan, located in Van Nuys CA, is scheduled to test our Air-to-Air Radar Subsystem (AARSS) which is the Ku-band Sense and Avoid radar for the Broad Area Maritime Surveillance (BAMS) air vehicle platform. This is being developed for Northrop Grumman for NAVAIR PMA-262 (US Navy). We are currently developing the AARSS stand-alone unit and the testing of this unit is to take place here at our ITT Gilfillan facility in the third quarter of 2011.

The AARSS meets the 7.8 nm detection range requirement, delivering 8.2 nm detection range in 4mm/hr rain over the entire $\pm 110^\circ$ Az by $\pm 30^\circ$ El field of regard (FOR), while adhering to the platform SWaP constraints. For further details refer to the System Architecture Overview attachment.

We request coordination and your permission to proceed with our testing by September 2011.

ITT Gilfillan will honor all conditions that may be necessary to prevent interference with any existing equipment and are willing to schedule the hours of operation to be during the hours of least air traffic in our vicinity.

ITT Gilfillan requests continued frequency operation at:
13,250 MHz to 13,400 MHz with an output power of 1 kW maximum.

The test facility is at our production/engineering site; 7821 Orion Avenue, Van Nuys, Ca. This site is approximately one mile from the Van Nuys Airport.
Lat: 34-12-50.0 N, Long: 118-28-15.0 W, Ground Elev: 240.0

In conclusion, we are looking forward to attain license approval and welcome any questions you might have. Please call me directly at (818) 901-2457.

Thank You,

Forrest Pierson
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