



October 31st, 2014

Office of Engineering and Technology (OET)
Federal Communications Commission
445 12th Street, SW
Washington,, DC 20554

FCC STA Request PAR Radar System - Van Nuys

For over thirty years Exelis Inc. (formally known as ITT Industries), located in Van Nuys, CA has been under contract with various customers to provide functional testing of a variety of radar systems at our Van Nuys Airport, CA test facility. We currently need to begin testing of our Precision Approach Radar (PAR) system for current customers and request the granting of STA licenses to begin said test. The operation of this station is necessary to perform the contractual testing and pattern measurement requirements of our customers.

For your reference, this radar system uses the same antenna system that we established under the Call Sign: WG2XGN. Nothing has changed in reference to the systems radiating functionality. I overlooked the expiration date, so I need to file this application as a new license.

Exelis Inc. will honor all conditions that may be necessary to prevent interference with any existing equipment. For detailed FAA blanking requirements, refer to NGT-Blanking attached document.

For two of our attachments (Exhibit A and Exhibit B) we are requesting Long-Term Confidentiality in reference to Section 0.457(d) and 0.459 of the FCC Rules as the authority for this confidentiality request. Exhibit A (*Exhibit_A_PAR_Descrip.pdf*) which describes general information, operational and functional description contains technical data which is monitored and regulated by US Government Rules and Regulations. This data is regulated by the Department of Commerce under Export Administrations Regulations (EAR) or by the State Department under International Traffic in Arms Regulations (ITAR). This data is not publicly available, is only released to our customers for maintenance/service of their Exelis Inc. systems and only under appropriate export authorization. The document is marked as USG Export Controlled.

Exhibit B (*Exhibit_B_PAR_Sensor.pdf*) is Exelis Inc. Proprietary controlled data and is marked on the drawing in order to protect developed Exelis design and data of our radar systems from competitors both domestic and foreign. This data is internal to Exelis and is not publicly available.

The transmitting system will test our operation at specific frequencies: 9025, 9080, 9100 and 9125 MHz with an output power of 520 Watts or less.

The test facility is located at Van Nuys Airport, Van Nuys, CA at 34° 12' 22"N, 118° 29' 16"W.

We are anxious to continue our testing and will standby to answer any questions you have. If you have any suggestions or advice, please call me directly at (818) 901-2457.

Sincerely,

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