

QUESTION 4: STATEMENT REGARDING GOVERNMENT CONTRACT

This authorization is to be used in support of a contract with the United States Special Operations Command (USSOCOM) Special Operations Forces Tactical Assured Connectivity System (SOFTACS) Program of Record for the purchase of SATCOM Inflatable Antennas from GATR Technologies. The SOFTACS Program consists of several C4 systems and SATCOM products, and is responsible for providing deployable communications worldwide for US Special Operations Forces. USSOCOM contract number **H9222-12-D-0016** was established to facilitate the procurement of GATR Technologies SATCOM equipment in support of government projects, training, missions, and deployments. The X-band products procured by the government are required to be tested and operationally verified before delivery as part of contract deliverables, and this authorization is required as a means for GATR to fulfill that obligation. This authorization will allow GATR to procure bandwidth with commercial X-band provider XTAR on their XTAR-LANT satellite.

Government POC (to verify the government contract)

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Additional Background Information

This experimental license request is for the testing of GATR's novel antenna concept in X-Band. The 2.4-meter, 1.8m, and 1.2m size GATR Technologies Inflatable SATCOM Antennas have already been tested with and authorized to transmit in the Ku- and C-Band frequency ranges. In addition, these three GATR Antennas have successfully completed Phase III ARSTRAT Testing in X-band. This experimental license would help as GATR tries to understand the test and production processes for operating in X-Band for this novel antenna concept. Using the bandwidth on XTAR-LANT, GATR will set up a small internal iDirect network at their production facility in Huntsville, Alabama. With a small iDirect hub and a commercial 2.4-meter rigid antenna, GATR will test that their inflatable terminals, along with their custom made e850 iDirect modems, operate correct and optimally in X-band within this network, thereby validating production processes and RF equipment. The numbers of units provided in this request are estimates for the terminals GATR will be testing over the next 5 years (the length of contract with USSOCOM). These include terminals requiring testing to validate production processes as well as those under contract to produce. Note that this authorization is for the testing of equipment **by GATR Technologies**, at their production facility in Huntsville, while said equipment is **owned and operated by GATR Technologies** (before delivery to customer), and only with **commercial X-band provider XTAR**.