

FCC Form 442

Application for New License

ND SatCom, Inc.

Exhibit #2

Narrative

ND SatCom, Inc.'s satellite earth station antenna system program is designed to provide high quality earth station satellite terminals to the United States Government market. ND SatCom, Inc. designs, builds, tests and installs earth satellite terminals throughout the continental U.S. and around the world.

The main objective for ND SatCom, Inc. is to supply versatile, high quality easily deployable satellite earth station antenna system to our U.S. Government customers. These terminals are based on commercial off the shelf (COTS) antennas and electronics. The satellite terminals comprise of both Flyaway and Trailer terminals designed for quick deployment and ease of use. They are available with a motorization option for auto-pointing and satellite tracking capabilities. As shown in Exhibit 1, these terminals support multiple frequency bands for greater flexibility. They are also designed to comply with the standards set for by FCC. Additionally, the terminals are currently being tested for certification to operate on the WGS constellation of Satellites by ARSTRAT to expand the usefulness to the U.S. Government. The terminals may use any of the antennas configurations shown in Exhibit #1.

During the Production test phase, ND SatCom, Inc. occasionally needs to perform various tests from the satellite to the ground station to insure that the terminals are compliant with Federal Communications Commission (FCC) regulations, ARSTRAT, DISA and customer specifications. Typical tests conducted include transmit and receive antenna pattern tests, cross polarization isolation measurements, tracking performance measurements, Figure Of Merit (G/T) testing Data throughput performance and Bit Error Rate testing (BER). The objective is to insure that all terminals are in full compliant with FCC regulations prior to delivery to the U.S. Government.

The public interest will be served as ND SatCom, Inc. shall provide advanced, versatile, high quality, multi-band capable, and easily deployable satellite earth station antenna system to U.S. Government entities. The development of these new technologies improves the communications for Government Agencies, to the benefit of United States citizens.