

PURPOSE OF MODIFICATION

Lockheed Martin Corporation ("Lockheed Martin") hereby seeks modification of its existing authority (Call Sign WG2XFA) under Part 5 of the Commission's rules to permit it to experiment with advanced DOD communications architectures and differing physical layer waveforms.

The following changes are requested:

- (1) Add 20M0D1D emission only to 4400-4940 MHz band;
- (2) Add equipment in use to include:
 - * Persistent Systems MPU5 (Qty 6)
 - * Silvus Technologies StreamCaster 4200 and 4400E (Qty 6)