

**DESCRIPTION OF EXPERIMENTATION**

Lockheed Martin Corporation ("Lockheed Martin") hereby respectfully requests authority under Part 5 of the Commission's rules for it to commence testing and demonstration of a new radar capability it is developing for the U.S. Government. This development is being conducted under Contract Number SCUS013-10-LS, in support of the Mobile Force Protection (MFP) effort, a Defense Advanced Research Projects Agency (DARPA) program.

As identified in the attached Form 442, Lockheed Martin is seeking authority to operate from multiple locations, in order to satisfy the requirements of this contractual work.