

Exhibit A

Program Description

Project Description - Advanced Satcom-On-The-Move (SOTM) Phased Array X-band Antenna – Lockheed Martin (LM) has been developing a low cost, MMIC based, flat plate phased array. This program builds on the advances that have been made in low cost RF MMICs in radar applications and steerable phased array techniques from satellite applications. In these tests LM plans to test the performance of its flat phased array antenna with several different modulation techniques (e.g. QPSK, NCW) in both static and mobile environments. These tests will involve transmitting various types of waveforms at X-band through commercial satellites. The LM internal test will be conducted at LM's Gaithersburg, Md and Newtown, Pa. facilities. After successful LM internal testing, LM also plans to offer the antenna at Ft. Bragg, NC for demonstrations and testing.