

Exhibit 1

Description of Experimental Program

Lockheed Martin Corporation requires the use of GPS Re-Radiation (Re-Rad) system inside the Multiple Family of Missiles (MFOM) Common Test Equipment Lab (MCTEL) for launcher test and integration activities on our facilities at Grande Prairie, Texas. This equipment will be used as an “Experimental RNSS Test Device” for the purpose of testing and verifying GPS receiver functionality of the Army GMLRS launcher systems. This lab supports component checkout of the M270 and HIMARS launcher. The GPS Re-Rad system is designed to re-transmit the GPS signal at approximately the same signal level as received outside the lab. This Exhibit describes the various implementations required at Grande Prairie.

1. PROGRAM DESCRIPTIONS

Army GMLRS. The program title is Army Guided Missile System (GMLRS). The contract number is W31P4Q-04-C-0137.

General Description

GPS re-rad capability is needed in the MCTEL lab in order to support the GMLRS program. This facility is used to test the GMLRS launcher and its ability to locate itself and download the information to the weapon.

Technical information:

Location

- One fixed antenna inside garage facility at Lockheed Martin Missiles and Fire Control, Building 59.

Latitude: W 32 43 02.75

Longitude: N 97 02 06.00

2. EQUIPMENT

The site will use the following equipment:

The system consists of a GPS Networking Inc. P/N L1L2HNRRKIT, which includes: (1) powered receiving antenna; (1) low noise line amplifier; (1) retransmitting antenna.

Antenna Orientation: 180 degrees vertical, 360 degrees horizontal. All antennas are directional facing down towards the ground.

Antenna Polarization: Right hand circular polarization (RHCP)

Frequencies: 1227.6 MHz, 1575.42 MHz (GPS L2/L1)

Power at antenna: -82 dbm.

3. CONDITIONS OF LICENSE

For all the foregoing programs, the following conditions will apply.

The experimental period will last for two years or 24 months.

In order to ensure no GPS re-radiated signal adversely affects safety-of-life applications, Lockheed Martin will only transmit:

- Indoors;
- Such that no GPS re-radiated signal level greater than or equal to -140 dBm, measured 100 feet from the building perimeter will occur; and
- When testing a launcher indoors is considered necessary by test personnel.

In addition:

- The “Stop Buzzer” emergency point of contact (POC) will be Mr. Stephen Hay (972) 603-0547, pager (888) 278-1968.
- If the POC changes, Lockheed Martin will immediately notify the FCC, FAA, DoD and any other interested agency;
- The location of the GPS transmitters will be fixed and located in such a way that the entire area of potential interference from the GPS transmitters is under the control of Lockheed Martin personnel - the facility where the transmitters will be located is a “secure” facility where security personnel control ingress and egress.

If you have any questions, please contact Jennifer Warren at 703-413-5970 or jennifer.warren@lmco.com.