

Exhibit 1

MFCS TX

Description of Experimental Program

Lockheed Martin Corporation requires the use of GPS Re-Radiation (Re-Rad) systems inside Building 59 of our Grande Prairie, Texas facility in support of the Army TACMS and GMLRS programs. The license will need to cover three separate systems in three separate labs in the building: 1) Diagnostics Test Support Facility (DTS). 2) Multiple Family of Missiles (MFOM) Integration Facility (MIF). 3) Multiple Family of Missiles (MFOM) Common Test Equipment Lab (MCTEL). These three labs are for launcher test and integration activities. This equipment will be used as an "Experimental RNSS Test Device" for the purpose of testing and verifying GPS receiver functionality of the Army TACMS and GMLRS launcher systems. Currently, in order to obtain a GPS signal, the launchers, M270 and HIMARS vehicles, and all supporting test equipment must be moved outside of the test facility. During this time, the vehicles and personnel are exposed to adverse weather conditions and prevented from accessing certain tools and equipment. The GPS Re-Rad system is designed to re-transmit the GPS signal at approximately the same signal level as received outside the garage or lab. This Exhibit describes the various implementations required at Grande Prairie.

1. PROGRAM DESCRIPTIONS

These facilities support two Army programs:

Army TACMS. The program title is Army Tactical Missile System (ATACMS), contract number: W31P4Q-04-C-0137.

Army GMLRS. A) The program title is Army Guided Multiple Launch Rocket System (GMLRS) Unitary SDD, contract number: DAAH01-03-C-0171.

B) The program title is Army GMLRS LRIP1, contract number: W31P4Q-06-C-0002.

C) The program title is Army GMLRS LRIP3, contract number: W31P4Q-05-C-0018.

General Description

GPS re-rad capability is needed in the DTS garage in order to support the ATACMS program. The DTS facility is used to test the ATACMS launcher. The GPS re-rad system provides GPS signals to the launcher for self location, this location information is then down load to the weapon prior to a mission. GPS re-rad capability is also needed in the MIF garage and MCTEL lab to test the GMLRS launcher. The GPS re-rad system for the MIF lab provides GPS signals to the launcher for self location, this location information is then down load to the weapon prior to a mission. The GPS re-rad system for the MCTEL lab provides GPS signals to a launcher simulator in the lab for self location, this location information is then down load to weapon simulators for as a part of software testing and system checkout.

Technical information:

Location

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

Latitude: 32 43' 03.85091"

Longitude: 97 02' 05.68507"

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

Latitude: 32 43' 03.8577"

Longitude: 97 02' 06.7715"

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

Latitude: 32 43' 03.8577"
 Longitude: 97 02' 06.7715"

2. EQUIPMENT

Each 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)

Emissions: 24M0G1D

Power at antenna: 5.78pW

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 David Wye at 703-413-5603 or david.wye@lmco.com.