

Exhibit 1

MFCS AR

Description of Experimental Program

Lockheed Martin Corporation requires the use of GPS Re-Radiation (Re-Rad) system inside the GMLRS Rocket Production Facility M3 Bldg. for munitions test and integration activities at our rocket assembly facility in Camden, AR. 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 rockets as a part of the production process. In order to obtain a GPS signal, the rockets and all supporting test equipment must be moved outside of the test facility. During this time, the rockets and personnel would be exposed to adverse weather conditions and prevented from accessing certain tools and equipment. This Exhibit describes the implementation required at Camden.

1. PROGRAM DESCRIPTIONS

Army GMLRS. The program title is Army Guided Multiple Launch Rocket System (GMLRS) Unitary SDD, contract number: DAAH01-03-C-0171. The GMLRS program is also covered under contract numbers: W31P4Q-06-C-0002 and W31P4Q-05-C-0018.

General Description

GPS re-rad capability is needed in the M3 garage in order to support the GMLRS program. This facility is used to test the GMLRS rocket as a part of the production process. The GPS re-rad system re-radiates the GPS signal into the production lab room so that the GPS receiver on the GMLRS missile can be tested as a part of the final production test of the missile assembly, prior to loading into the missile pod.

Technical information:

Location

- One fixed antenna inside garage facility at Lockheed Martin Missiles and Fire Control, Building 3.

Latitude: W 92 41' 34.59"

Longitude: N 33 38' 03.74"

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)

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 rocket 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.