

From: wayne.morris@L-3com.com
To: claudio.wells@lmco.com
Cc: dataentry@aftrcc.org; [Hankins, Danny](#); [Don Hoehn](#)
Subject: AFTRCC ICN 1404-11/4263 (LMT XT Request/Radar Cross Sec.-Orlando, FL)
Date: Tuesday, September 13, 2011 12:34:17 PM

Note that Lockheed Martin has stated CEASE BUZZER POC as requested by DOD AFC Eastern is Bob Reim (407) 568-7100.

This email is your AFTRCC coordination.

This coordination includes this header information, DOD Area Frequency Coordinator comments and AFTRCC comments. These messages must not be separated.

This coordination is advisory only and not binding on the FCC. Applicants are advised that this coordination does not constitute a judgment that the frequency(ies) is best suited for the applicant's purpose nor that the frequency(ies) is exclusive to the applicant. Flight Test frequencies are shared and may require scheduling with other users.

In return for AFTRCC's processing of the applicant's coordination request, the applicant agrees to release and hold harmless AFTRCC, its officers, directors, agents, members, and representatives from any claims, losses, or expenses that may arise from the use of the frequency.

This coordination is not an authorization to transmit. A copy of this coordination must accompany application to the FCC.

Signed:
Wayne Morris
AFTRCC Telemetry Coordinator
903-457-6949

-----Original Message-----

From: Connolley, Scott D Civ USAF AFSPC 45 SCS/SCOT
[<mailto:Scott.Connolley@patrick.af.mil>]
Sent: Tuesday, September 13, 2011 8:25 AM
To: Morris, Wayne L @ ISG - IS
Subject: RE: AFTRCC ICN 1404-11/4263 (LMT XT Request/Radar Cross Sec.-Orlando, FL)

EAFC Concurs with comments: Operation will be non-interference basis to KSC/USAF Launch facilities. Scheduling is not required. EAFC will need a valid POC phone number to cease operations if a problem arises.

Scott Connolley
DoD Eastern Area Frequency
Coordination Office
45 Space Communications Squadron
Patrick Air Force Base Florida
COMM: (321) 494-5838 DSN 854
24/7: (321)-494-2666 Comm help desk
After hours (321)-474-2288 Mobile phone

-----Original Message-----

From: wayne.morris@l-3com.com [<mailto:wayne.morris@l-3com.com>]

Sent: Wednesday, August 31, 2011 11:29 AM

To: Connolley, Scott D Civ USAF AFSPC 45 SCS/SCOT

Subject: AFTRCC ICN 1404-11/4263 (LMT XT Request/Radar Cross Sec.-Orlando, FL)

AFTRCC requests DOD AFC Eastern concurrence/coordination on the following Lockheed-

Martin XT request. This request in 2 parts.

Part 1-2

Applicant:

Lockheed Martin Corp.

5600 Sand Lake Rd. , MP941

Orlando, FL 32819

POC: Robert Reim (407-568-7050)

Frequencies: (all MHz) 1444.444444 / 1451.612903 / 1460.317460 /
1476.190476 / 1483.870968 /

1492.063492 / 1507.936508 / 1516.129032 / 1523.809524

Station Class: MOEC/XT

Emission: 40M0P0N

Power: 510 watts (Peak)

Location: Orlando, FL (28-22-38.7 N 81-04-56.2W)

Dates: 2011-09-10 thru 2013-09-09 (intermittent usage)

AFTRCC comments: AFTRCC LOS study has determined that there is direct LOS to TM dish at Patrick AFB.

Requestor states operation is Radar Cross Section measurement on a ground-reflection range of various targets to fulfill government contract. The same antenna is used for both transmit and receive. At an azimuth of 146 deg 56-min 38.7 seconds north latitude and 81 deg 04 min 56.2 seconds west longitude at an azimuth of 146 de 56 min south-east of north. The antenna is a narrow beamwidth bore-sighted horizontally parallel to the paved ground reflection plane to the 26 foot high/ low-RCS target support pylon located at 3,000 feet from the antenna. A 60-70 foot tree line surrounds the ground reflection plane. PRF is 60 KHz and pulse width is 55 ns. Radar is computer controlled so specific frequencies can be locked out if required. Transmit/receive antenna is parabolic dish with a 32 dB gain and elevation is 92 ft above MSL. (See attached from requestor for further data).

AFTRCC concurrence is caveat is strict non-interference basis to Flight Test telemetry. Coordination subject to cancellation for report of same. LMT has stated that CEASE BUZZER is Bob Reim at (407) 568-7100.

Part 2-2

Applicant:

Same as Part 1

Frequencies: (all MHz) 2314.960630 / 2317.460317 / 2346.456693 / 2349.206349 / 2362.204724 /

2377.952756 / 2380.952381

Station Class: MOEC/XT

Emission: 116MP0N

Power: 804 watts (Peak)

Location: Orlando, FL (28-22-38.7N 81-04-56.2W)

Dates: 2011-09-10 thru 2013-09-09 (intermittent usage)

AFTRCC remarks: Same as Part 1 except - PRF is 70 KHz and pulse width is 55 ns. Applicant should additionally note that

the bands 2310-2320 MHz and 2345-2360 MHz has be re-allocated on a primary basis to the Wireless

Communications Service (WCS). Additional coordination with WCS may be required. AFTRCC concurrence is on a

non-interference basis to Flight Test telemetry and is subject to cancellation for report of same. LMT has stated CEASE BUZZER is Bob Reim at (407) 568-7100.

Please reply via return email as to concurrence, non-concurrence, scheduling requirements, or comments.

Signed:

Wayne Morris

AFTRCC Telemetry Coordinator

903-457-6949