

From: Mike Elmer

To: Behnam Ghaffari
Date: August 14, 2014

Subject: FCC File No. 0083-EX-ML-2014

Message:

Below is the response to the request to obtain FAA and AFTRCC coordination for the following bands:
328.6-335.4 MHz, 1215-1390 MHz, 1435-1525 MHz, 9000-9200 MHz.

*** Begin correspondence from FAA WSA ***

Hi Mike,

Here are 9 NG T for the tests of SAR UWB in Utah state. All are with these conditions:

Expiration date: 12/31/2015

FAA reserved the right to stop the test in case of interference, FAA will be informed for the testing schedule.

Equipment in these bands cannot be used in the US.

L2 GPS coordination goes to military. Without their approval, I just put the requirement to notch out M1227.6 ± 10MHz.

Dugway

M1215 – M1390: NG T140318 10 NM radius Restriction: notched out L2 GPS from M1217.6 – M1237.6, keep the beam away SLC ARSR at NE of Dugway.

M328.6 – M335.40: NG T140319 10 NM radius Restriction: notched out M331.55 (TVY Glide Slope)

M9000 – M9200: NG T140321 10 NM radius

Springville

M1215 – M1390: NG T140325 63 NM radius Restriction: notched out L2 GPS from M1217.6 – M1237.6, M1250-M1251, M1255-M1256, M1302-1303, M1307-1308

M328.6 – M335.40: NG T140326 63 NM radius Restriction: notched out M331-M333, M334-M335

M9000 – M9200: NG T140327 63 NM radius

Foote Reservoir (N39 25 00/W113 52 14)

M1215 – M1390: NG T140346 50 NM radius Restriction: notched out L2 GPS from M1217.6 – M1237.6, avoid beaming to NE & SE corner where SLC an CDC ARSR located

M328.6 – M335.40: NG T140347 50 NM radius

M9000 – M9200: NG T140348 50 NM radius

Khoat Nguyen

ATO Western Service Area

Northwest Mountain Region

Spectrum Engineering Services, AJW-1C7

425-227-1172 (O)

425-999-0135 ©

*** End correspondence from FAA WSA ***

In lieu of coordination for full coverage in the state of Utah, the FAA identified the region of Foote Reservoir as a site in Utah that allows for us to operate relatively free of FAA restrictions. The NGT numbers for this area are provided above.

NGT numbers for the China Lake location were not pursued, and we would like to withdraw our request for FCC authorization to operate at China Lake in the 328.6-335.4 MHz and 1215-1390 MHz bands.

*** Begin correspondence from AFTRCC ***

Mike,
Below is your coordination for China Lake. Please note DOD coordinator Comments and POC for scheduling.
Utah locations will follow by separated coordination.
V/R
Wayne

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: Heaton, Jamie CIV NAVAIR, 52370MD [mailto:jamie.heaton@navy.mil]
Sent: Friday, May 16, 2014 9:58 AM
To: Morris, Wayne L @ ISG - MID; Hernandez, Michael A NAVAIR
Cc: Szelog, John CIV NAVAIR, 52370MD; Foltz, Andrew P CIV NAVAIR, 52140MD
Subject: RE: AFTRCC ICN 1272-14/5113 (IMSAR LLC/Modification WE2XVR-China Lake, CA)

Wayne,
WAFC concurs, ctrl nbr 14-322. Requires pre-scheduling with CHLK FMO Mr. Gary Johnson, 760-939-6827.

Jamie Heaton, CIV
DOD Western Area Frequency Coordinator

M/S 3008 130 Easy Road
China Lake CA 93555
Code 52140MD
Comm: 760-939-6832
DSN: 437-6832

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

From: wayne.morris@L-3com.com [mailto:wayne.morris@L-3com.com]
Sent: Friday, May 16, 2014 6:30 AM
To: Hernandez, Michael A NAVAIR
Cc: Szelog, John CIV NAVAIR, 52370MD; Heaton, Jamie CIV NAVAIR, 52370MD; Foltz, Andrew P CIV NAVAIR, 52140MD
Subject: FW: AFTRCC ICN 1272-14/5113 (IMSAR LLC/Modification WE2XVR-China Lake, CA)

AFTRCC concurs with and requests DOD Western AFC concurrence/coordination on the following FCC XT license (WE2XVR) modification request as detailed below.

Applicant:
ImSAR LLC
940 South 2000 West #140
Springville, UT 84663
POC: Michael Elmer (michael.elmer@imsar.com) (801-798-8440)

Location 1
Frequencies: 1435-1525.0 MHz
Station Class: MOEB/MOEA
Emission(s): 785MQ0N
Power: 2 watts (ERP)
Location: China Lake, CA (35-38-17N 117-40-12W)
MIRAD: 39.7 miles (64 KM)
Maximum operating altitude (MOEA): 3800,AGL
Dates: 2014-05-16 thru 2016-05-31 (periodic usage)

AFTRCC comments:
Non interference basis at both locations to Flight Test telemetry.
Requires pre-scheduling with

Please respond via return email as to concurrence, non concurrence, scheduling remarks/POC , or additional comments.

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

*** End correspondence from AFTRCC ***

*** Begin correspondence from AFTRCC ***

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

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

From: BELL, CHRISTOPHER J SSgt USAF ACC 99 CS/SCOTS [mailto:christopher.bell.17@us.af.mil]
Sent: Tuesday, May 27, 2014 11:55 AM
To: Morris, Wayne L @ ISG - MID
Cc: ROBINSON, BRANDON M TSgt USAF ACC 99 CS/SCOTS; WILLIAMS, RASHAUN H TSgt USAF ACC 99 CS/SCOTS
Subject: FW: AFTRCC ICN 1271-14/5112 (IMSAR LLC/Modification WE2XVR-Springville & DPG, UT) Corrected Copy

Sir,

NAFC CONCURS with AFTRCC ICN 1271-14/5112 (IMSAR LLC/Modification WE2XVR-Springville & DPG, UT)

Coordination number: NAFC 5749-14

Thanks
V/R

CHRISTOPHER J. BELL SSgt, USAF
Spectrum Manager
Nellis AFB NV, ACC 99 CS/SCOTS
DSN: 682-3392
Comm: 702-652-3392

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

From: BERG, SHANE P GS-12 USAF AFMC 75 ABW/SCOI
Sent: Wednesday, May 21, 2014 7:45 AM
To: BELL, CHRISTOPHER J SSgt USAF ACC 99 CS/SCOTS
Subject: RE: AFTRCC ICN 1271-14/5112 (IMSAR LLC/Modification WE2XVR-Springville & DPG, UT) Corrected Copy

UTTR concurs.

Shane Berg
DSN 777-2015

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

From: BELL, CHRISTOPHER J SSgt USAF ACC 99 CS/SCOTS
Sent: Tuesday, May 20, 2014 11:18 AM
To: BERG, SHANE P GS-12 USAF AFMC 75 ABW/SCOIR; HOPSON, CLINTON J WG-11 USAF AFMC 75 ABW/SCOIR; jason.p.straughan.civ@mail.mil
Cc: ROBINSON, BRANDON M TSgt USAF ACC 99 CS/SCOTS; WILLIAMS, RASHAUN H TSgt USAF ACC 99 CS/SCOTS
Subject: FW: AFTRCC ICN 1271-14/5112 (IMSAR LLC/Modification WE2XVR-Springville & DPG, UT) Corrected Copy

All,

Please take a look at the below AFTRCC event and advise with any issues.

Thanks
V/R

CHRISTOPHER J. BELL SSgt, USAF
Spectrum Manager
Booster Club Vice Pres
Nellis AFB NV, ACC 99 CS/SCOTS
DSN: 682-3392
Comm: 702-652-3392

From: Morris, Wayne L @ ISG - MID
Sent: Friday, May 16, 2014 8:22 AM
To: 'Bell, Christopher SSgt USAF ACC 99 CS/SCOTS'
Subject: AFTRCC ICN 1271-14/5112 (IMSAR LLC/Modification WE2XVR-Springville & DPG, UT)

AFTRCC concurs with and requests DOD Nellis AFC concurrence/coordination on the following FCC XT license (WE2XVR) modification request as detailed below.

Applicant:
ImSAR LLC
940 South 2000 West #140
Springville, UT 84663
POC: Michael Elmer (michael.elmer@imsar.com) (801-798-8440)

Location 1
Frequencies: 1435-1525.0 MHz
Station Class: MOEB/MOEA
Emission(s): 785MQ0N
Power: 5 watts (ERP)
Location 1: Springville, UT (40-09-12N 111-38-58W)
MIRAD: 62 miles (100 KM)
Location 2: Dugway Proving Ground, UT (40-12-01N 112-56-51W)
MIRAD: 10 miles (16.1KM)
Maximum operating altitude (MOEA): 3800,AGL
Dates: 2014-05-16 thru 2016-05-31 (periodic usage)

AFTRCC comments:

AFTRCC database search verifies no current, conflicting assignments for Location 1 (Springville) and requested MIRAD. Location 2 (DPG) requires DOD coordination remarks.
Non interference basis at both locations to Flight Test telemetry.

Please respond via return email as to concurrence, non concurrence, scheduling remarks/POC , or additional comments.

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

*** End correspondence from AFTRCC ***

Thanks,
Mike Elmer
IMSAR LLC