Anne Cortez

From: Wayne Morris <5600wayne@gmail.com>

Sent: Thursday, May 17, 2018 5:59 AM

To: Bart Turner; Anne Cortez; Don Hoehn; Chriss Brown

Subject: Fwd: [Non-DoD Source] AFTRCC ICN 1281-18/7305 (Raytheon MSL XT STA/Swarm Testing-Tucson,

AZ, Eglin, FL, Pt Magu/San Nicholas Island, CA) (UNCLASSIFIED)

Bart, here is the Tucson portion of your coordination. Still awaiting response from Eglin which will be sent separately.

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 903-450-5942

----- Forwarded message -----

From: Rossow, Mark K CIV USARMY NETCOM (US) <mark.k.rossow.civ@mail.mil>

Date: Tue, May 15, 2018 at 3:18 PM

Subject: RE: [Non-DoD Source] AFTRCC ICN 1281-18/7305 (Raytheon MSL XT STA/Swarm Testing-Tucson, AZ, Eglin, FL, Pt

Magu/San Nicholas Island, CA) (UNCLASSIFIED)
To: Wayne Morris <5600wayne@gmail.com>

Cc: "Gomez, Tom J CIV USARMY NETCOM (US)" < tom.j.gomez.civ@mail.mil>

CLASSIFICATION: UNCLASSIFIED

Wayne;

DoD AFC AZ concurs with AFTRCC ICN 1281-18/7305...my control number is 18051501.

Thank You

Mark

----Original Message-----

From: Wayne Morris [mailto:5600wayne@gmail.com]

Sent: Tuesday, May 15, 2018 11:40 AM

To: Heaton, Jamie CIV USN NAVAIRWARCENWPNDIV (US) < jamie.heaton@navy.mil; Rossow, Mark K CIV USARMY NETCOM (US) < jamie.heaton@navy.mil; Rossow, Mark K CIV USARMY NETCOM (US) < jene.maldonado@us.af.mil; Maldonado, Rene CIV USAF (US) < jene.maldonado@us.af.mil; CC: Foltz, Andrew P CIV USN (US) < jene.maldonado@us.af.mil; Gangrosso, Joseph P CTR USAF AFSMO (US) < joseph.giangrosso.ctr@us.af.mil; Gomez, Tom J CIV USARMY NETCOM (US) < tom.j.gomez.civ@mail.mil; Subject: [Non-DoD Source] AFTRCC ICN 1281-18/7305 (Raytheon MSL XT STA/Swarm Testing-Tucson, AZ, Eglin, FL, Pt Magu/San Nicholas Island, CA)

Location 1 -DoD AFC Arizona Location 2 - DoD Gulf AFC Location 3-4 - DoD Western AFC

Raytheon Missile Experimental STA request.

AFTRCC concurs with and requests DoD Arizona AFC, Gulf AFC, and Western AFC on the following

Applicant:

Raytheon Missile Systems 1151 E. Hermans Rd. Tucson, AZ 85756

POC: Bart Turner (520-794-0227)

Frequencies: 2360-2395.0 MHz

Station Class: MOEA/MOEB/XC

Emissions: 3M85G1D/4M06D1D/7M70G1D/8M13D1D/15M4G1D/16M3D1D/32M5D1D

Power: 2 watts (17.23 Watts ERP)

Location:

1. Tucson, AZ (32-05-47 N 110-57-06 W) (MOEB) - .6 miles (1.0 KM radius)

2. Eglin, FL (30-28-41 N 86-30-29 W) (MOEB/MOEA) - .6 miles (1.0 KM radius) Max flight altitude 1500,AGL

- 3. Point Mugu, CA (34-06-36 N 119-06-36 W) (MOEB/MOEA) .6 miles (1.0 KM radius) Max flight altitude 1500,AGL
- 4. San Nicholas Island, CA (33-14-57 N 119-29-58 W) (MOEB/MOEA) .6 miles (1.0 KM radius) Max flight altitude 1500,AGL

Dates: 2018-05-22 thru 2018-10-30

AFTRCC comments: non interference basis to Flight Test telemetry. STOP BUZZER POC is Bart Turner (520-794-0227)

Raytheon has stated the following:

- -Transmitters (radios) are listen before transmit
- -normal work week hours 8 AM-5 PM
- -flight time dependent on battery life

Tucson-ground checks only
Eglin- ops primarily from platform in Gulf of Mexico
Pt. Mugu-ops primary from land but over Pacific to allow interaction with Navy vessel(s)
San Nicholas IS-ops conducted from land of vessels situated in Pacific

Please reply via return email as to concurrence, non-concurrence, scheduling, or additional comments. Scheduling requirements should include POC information for applicant.

Signed:

Wayne Morris AFTRCC Telemetry Coordinator 903-450-5942

CLASSIFICATION: UNCLASSIFIED

Anne Cortez

From: Wayne Morris <5600wayne@gmail.com>

Sent: Thursday, May 17, 2018 5:56 AM

To: Bart Turner; Anne Cortez
Cc: Chriss Brown; Don Hoehn

Subject: Fwd: [Non-DoD Source] AFTRCC ICN 1281-18/7305 (Raytheon MSL XT STA/Swarm Testing-Tucson,

AZ, Eglin, FL, Pt Magu/San Nicholas Island, CA)

Bart,

Here is the SOCAL portion of your request. Note that scheduling with Pt Mugu is required. Eglin and AZ will be sent separate.

This email is your AFTRCC coordination.

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Signed:

Wayne Morris AFTRCC Telemetry Coordinator 903-450-5942

----- Forwarded message -----

From: Heaton, Jamie CIV NAVAIR, 52370MD < jamie.heaton@navy.mil >

Date: Tue, May 15, 2018 at 3:32 PM

Subject: RE: [Non-DoD Source] AFTRCC ICN 1281-18/7305 (Raytheon MSL XT STA/Swarm Testing-Tucson, AZ, Eglin, FL, Pt

Magu/San Nicholas Island, CA)

To: Wayne Morris <5600wayne@gmail.com>

Cc: "Foltz, Andrew P CIV NAVAIR, 52140MD" <andrew.foltz@navy.mil>

Wayne,

WAFC concur with AFTRCC ICN 1281-18/7305 (Raytheon MSL XT STA/Swarm Testing-Tucson, AZ, Eglin, FL, Pt Magu/San Nicholas Island, CA), WAFC ctrl nbr 18-368. Must schedule via Pt Mugu SMO, Mr Erwin Francis, 805-989-7983.

Thx,

Jamie

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 [mailto:5600wayne@gmail.com]

Sent: Tuesday, May 15, 2018 11:40 AM

To: Heaton, Jamie CIV NAVAIR, 52370MD; mark.k.rossow.civ@mail.mil; MALDONADO, RENE GS-12 USAF AFMC 96

CS/SCXF

Cc: Foltz, Andrew P CIV NAVAIR, 52140MD; GIANGROSSO, JOSEPH P CTR USAF AFMC 96 RANSS/RNR;

tom.j.gomez.civ@mail.mil

Subject: [Non-DoD Source] AFTRCC ICN 1281-18/7305 (Raytheon MSL XT STA/Swarm Testing-Tucson, AZ, Eglin, FL, Pt

Magu/San Nicholas Island, CA)

Location 1 -DoD AFC Arizona Location 2 - DoD Gulf AFC

Location 3-4 - DoD Western AFC

AFTRCC concurs with and requests DoD Arizona AFC, Gulf AFC, and Western AFC on the following Raytheon Missile Experimental STA request.

Applicant:

Raytheon Missile Systems 1151 E. Hermans Rd. Tucson, AZ 85756

POC: Bart Turner (520-794-0227)

Frequencies: 2360-2395.0 MHz

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Dates: 2018-05-22 thru 2018-10-30

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San Nicholas IS-ops conducted from land of vessels situated in Pacific

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Signed:

Wayne Morris AFTRCC Telemetry Coordinator 903-450-5942