From:	Wyman, Richard J CIV USARMY NETCOM (US)
To:	Anne Cortez; Whittington, William R CIV USAF AFSMO (USA)
Cc:	"Jim Ortega"; Taylor, Kenneth CIV USAF AFSMO (USA); Ramos, Elizabeth CIV USARMY NETCOM (USA); Austin, Gary L CIV USARMY NETCOM (US); Snead, Thomas D CIV USARMY HQDA CIO G-6 (USA); Sanchezreyes, Edwin CIV USARMY NETCOM (USA); Ford, Melvin Ray CIV USARMY HQDA CIO G-6 (USA)
Subject:	RE: [Non-DoD Source] request for coordination for antenna testing application 0288-EX-CM-2019 (UNCLASSIFIED)
Date:	Thursday, October 31, 2019 12:09:49 PM

CLASSIFICATION: UNCLASSIFIED

Anne/Randy:

I understand that the FCC STA request, 0288-EX-CM-2019, is an update to File Number 0614-EX-ST-2019, for which AFC-WSMR had previously provided concurrence. For 0614-EX-ST-2019, AFC-WSMR did not require any coordination, due to the low power levels. However, due to the fact that Raytheon is executing several initiatives at their Albuquerque facility, AFC-WSMR would now like Raytheon to coordinate with AFC-WSMR for operations under this License, WH2XLY.

Therefore, AFC-WSMR concurs with FCC experimental request 0288-EX-CM-2019, provided that Raytheon coordinates their operations with AFC-WSMR, via e-mail to usarmy.wsmr.imcom-central.list.dodafc@mail.mil. Please enclose an electronic copy of the final FCC license when coordinating with AFC-WSMR.

Thank you very much.

V/R,

Richard J. Wyman
Chief, Spectrum Operations Branch
DoD Area Frequency Coordinator
U.S. Army, NETCOM, ACofS G-3/5, CUOPS
White Sands Missile Range, NM
Comm: 575-678-3402, DSN 258
iPhone: 575-635-3475
NIPR: richard.j.wyman2.civ@mail.mil
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GROUP E-MAIL: usarmy.wsmr.imcom-central.list.dodafc@mail.mil

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-----Original Message-----
From: Anne Cortez [mailto:alc@conspecinternational.com]
Sent: Thursday, October 31, 2019 12:01 PM
To: Whittington, William R CIV USAF AFSMO (USA) <william.r.whittington4.civ@mail.mil>
Cc: 'Jim Ortega' <james.e.ortega@raytheon.com>; Taylor, Kenneth CIV USAF AFSMO (USA) <kenneth.taylor.49@us.af.mil>; Wyman, Richard J CIV USARMY NETCOM (US) <richard.j.wyman2.civ@mail.mil>
Subject: RE: [Non-DoD Source] request for coordination for antenna testing application 0288-EX-CM-2019

All active links contained in this email were disabled. Please verify the identity of the sender, and confirm the authenticity of all links contained within the message prior to copying and pasting the address to a Web browser.

Hi Randy,

Thanks for looking so carefully at this. The operations will use all of the 300-400 MHz band. We put in the time calculations for the FAA band, because it has, previously, helped them see that there will not be harmful interference.

If you would be so kind as to send this along to your FAA contact, that would be great. I have submitted a coordination request through webFCR, but the personal touch really makes a difference.

If there is anything more that we can do to help, please let me know. This is for the development of the telemetry antennas.

Thank you again for all your assistance.

Best regards,

Anne

Anne E. Cortez, Esq.

Managing Partner, WFS

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From: WHITTINGTON, WILLIAM R GS-15 USAF ACC AFSMO/SQ
<william.whittington.5@us.af.mil>
Sent: Thursday, October 31, 2019 6:35 AM
To: Anne Cortez <alc@conspecinternational.com>
Cc: Jim Ortega <james.e.ortega@raytheon.com>; TAYLOR, KENNETH GS-14 USAF ACC AFSMO/AFSMO <kenneth.taylor.49@us.af.mil>; 'Wyman, Richard J CIV USARMY NETCOM (US)' <richard.j.wyman2.civ@mail.mil>
Subject: RE: [Non-DoD Source] request for coordination for antenna testing application 0288-EX-CM-2019

Anne-The exhibit states that Raytheon requires 10 frequencies in the band 328.6-335.41, is that all for the M300 - M399.990 band?

This is an FAA band for ILS and requires their coordination. Do you want me to forward to the FAA POC?

Randy

From: Anne Cortez <alc@conspecinternational.com <
Caution-mailto:alc@conspecinternational.com > >
Sent: Wednesday, October 30, 2019 5:54 PM
To: WHITTINGTON, WILLIAM R GS-15 USAF ACC AFSMO/SQ
<william.whittington.5@us.af.mil <
Caution-mailto:william.whittington.5@us.af.mil > >
Cc: Jim Ortega <james.e.ortega@raytheon.com <
Caution-mailto:james.e.ortega@raytheon.com > >; TAYLOR, KENNETH GS-14 USAF ACC AFSMO/AFSMO <kenneth.taylor.49@us.af.mil <
Caution-mailto:kenneth.taylor.49@us.af.mil > >; 'Wyman, Richard J CIV USARMY NETCOM (US)' <richard.j.wyman2.civ@mail.mil <
Caution-mailto:richard.j.wyman2.civ@mail.mil > >
Subject: [Non-DoD Source] request for coordination for antenna testing application 0288-EX-CM-2019

Hi Randy,

On Monday, I submitted a request to modify Raytheon Missile Systems' experimental license WH2XLY, which is used for antenna testing at the

Raytheon facilities in Albuquerque, NM. The modification seeks to add 300-1000 MHz to the existing license. I am attaching the exhibit filed with the application.

Here is some of the technical data:

Power level: 1 mW

ERP: 2 mW

Time of use - very short for antenna calibration testing - less than one microsecond on any frequency.

Emission designators: 200HN0N, 33M6F1D, 36M4G1D

The testing is done to test and improve the telemetry antennas that Raytheon develops for its DoD customers. Some of the work is independent research and development and some of it is specific for various contracts. We do not specify a contract number in the FCC application because the FCC has advised us that we cannot do IRAD testing on a license that is tied to a specific contract.

What other information would you like from us to consider this request?

Thank you very much in advance for your assistance through this process.

Best regards,

Anne

Anne E. Cortez, Esq.

Managing Partner, WFS

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+1 520-360-0925 (cell)

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