

**From:** [Wayne Morris](#)  
**To:** [Thorsheim \(US\), Joel D](#)  
**Cc:** ["Hankins, Danny" \(dhankins@txtav.com\)](#); [Chriss Brown](#); [Don Hoehn](#)  
**Subject:** Fwd: [Non-DoD Source] AFTRCC ICN 1161-19/7649 (Insitu Exp Application/MANET Testing-OR/WA) (UNCLASSIFIED)  
**Date:** Thursday, February 14, 2019 6:44:33 AM

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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:** **Sanchez, Luis G (Guillo) CIV USARMY NETCOM (USA)**  
<[luis.g.sanchez10.civ@mail.mil](mailto:luis.g.sanchez10.civ@mail.mil)>  
**Date:** Thu, Feb 14, 2019 at 7:23 AM  
**Subject:** RE: [Non-DoD Source] AFTRCC ICN 1161-19/7649 (Insitu Exp Application/MANET Testing-OR/WA) (UNCLASSIFIED)  
**To:** Wayne Morris <[5600wayne@gmail.com](mailto:5600wayne@gmail.com)>  
**Cc:** Sanchezreyes, Edwin CIV USARMY NETCOM (USA)  
<[edwin.sanchezreyes.civ@mail.mil](mailto:edwin.sanchezreyes.civ@mail.mil)>

**CLASSIFICATION: UNCLASSIFIED**

*AFMO-US&P CONCUR WITH AFTRCC ICN 1161-19/7649 (Insitu Exp Application/MANET Testing-WA at Bingen, Hood River, Arlington and OR at Boardman, Jackass Springs, Wasco Butte, Bald Peter, Long Branch, Grey Butte, Bingen).  
COORDINATION NUMBER AFM0190170//GUILLO-  
LUIS.G.SANCHEZ10.CIV@MAIL.MIL-210-221-0454//*

*Note: C024 Comments: DoD database checked and shows no conflicting DoD assignments within 50 mile radius.*

*ICN 1161-19/7649 (Insitu Exp Application/MANET Testing-WA at Bingen, Hood River, Arlington and OR at Boardman, Jackass Springs, Wasco Butte, Bald Peter, Long Branch, Grey Butte, Bingen)*

V/R

Guillo

Office:

COM: 210-221-0454

Fax: 2844

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

**Sent:** Tuesday, February 12, 2019 10:11 AM

**To:** Sanchez, Luis G (Guillo) CIV USARMY NETCOM (USA) <[luis.g.sanchez10.civ@mail.mil](mailto:luis.g.sanchez10.civ@mail.mil)>  
**Cc:** Sanchezreyes, Edwin CIV USARMY NETCOM (USA) <[edwin.sanchezreyes.civ@mail.mil](mailto:edwin.sanchezreyes.civ@mail.mil)>  
**Subject:** [Non-DoD Source] AFTRCC ICN 1161-19/7649 (Insitu Exp Application/MANET Testing-OR/WA)

AFTRCC concurs with and requests DoD AFMO-US&P concurrence/coordination on the following Insitu/Boeing application.

**AFTRCC assigns AFTRCC ICN 1663-18 for the period of 2019-02-13 thru 2019-08-31**

This proposal in 2 parts

Part 1

Applicant:

Insitu

Bingen, WA 206-544-6066

POC: Joel Thorsheim (206-544-6066)

Frequency: 2377.0 MHz

Station Class: MOEC

Emissions: 5M0D1D/10M0D1D/20M0D1D

Power: 6 watts (ERP) / 12.3 KW (ERP)

Location 1 - Bingen, WA (45-42-23 N 121-27-23 W)

MIRAD: Fixed

Location 2 - Hood River, WA (45-40-18 N 121-32-24 W)

MIRAD: Fixed

Location 3 - Boardman, OR (45-44-54 N 119-47-38 W)

MIRAD: Fixed

Location 4 - Jackass Springs, OR (45-31-19 N 120-46-58 W)

MIRAD: Fixed

Location 5 - Wasco Butte, OR (45-36-26 N 121-19-53 W)

MIRAD: Fixed

Location 6 - Bald Peter, OR (45-39-23 N 121-41-33 W)

MIRAD: Fixed

Location 7 - Long Branch, OR (45-34-31 N 121-46-13 W)

MIRAD: Fixed

Location 8 - Grey Butte, OR (44-25-04 N 121-05-51 W)

MIRAD: Fixed

Location 9 - Arlington, WA (45-43-13 N 120-10-45 W)

MIRAD: Fixed

Part 2-2

Frequency: 2377.0 MHz

Station Class: MOEA

Emissions: 5M0D1D/10M0D1D/20M0D1D

Power: 15 watts (ERP)

Location 10 - Boardman, OR (45-44-54 N 119-47-38 W)

MIRAD: 31 mile / 50 KM

Maximum flight altitude: 0100,AGL

Location 11 - Bingen, OR (45-42-23 N 121-27-23 W)

MIRAD: 124 miles / 200 KM

Maximum flight altitude: 0100,AGL

Please reply via return email as to concurrence, non- concurrence, scheduling, or additional comments. **Cease Buzzer POC is 509-637-4691.**

**Requester has stated that terrain masking will eliminate any high power (12,3 KW) interference to other TM receiver sites. AFTRCC concurrence of high power is subject to strict NIB to other authorized users.**

Signed:  
Wayne Morris

AFTRCC Telemetry Coordinator

903-450-5942

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