

From: Wayne Morris [mailto:5600wayne@gmail.com]
Sent: Monday, November 08, 2021 6:38 AM
To: Thorsheim (US), Joel D <Joel.D.Thorsheim@boeing.com>
Cc: Chriss Brown <dataentry@aftrcc.org>; 'Hankins, Danny' (dhankins@txtav.com) <dhankins@txtav.com>; AFTRCC (Sneyder) <sneyder.jimenez@aftrcc.org>
Subject: [EXTERNAL] Fwd: [Non-DoD Source] AFTRCC ICN 1697-21/9147 (Insitu FCC Mod/WM2XAV-Multi Locations, WA/OR) (UNCLASSIFIED)

EXT email: be mindful of links/attachments.

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: **Sanchezreyes, Edwin CIV USARMY NETCOM (USA)** <edwin.sanchezreyes.civ@army.mil>
Date: Mon, Nov 8, 2021 at 7:02 AM
Subject: RE: [Non-DoD Source] AFTRCC ICN 1697-21/9147 (Insitu FCC Mod/WM2XAV-Multi Locations, WA/OR) (UNCLASSIFIED)
To: Wayne Morris <5600wayne@gmail.com>, USARMY JB San Antonio NETCOM List AFMO AFTRCC Team <usarmy.jbsa.NETCOM.list.afmo-aftrcc-team@mail.mil>

CLASSIFICATION: UNCLASSIFIED

AFMO US&P Concurs with ICN 1697-21/9147 (Insitu FCC Mod/WM2XAV-Multi Locations, WA/OR). Your coordination number is: AFMO 210218.

Thanks!

V/R,

Ed Sanchez

210-221-2050

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

Sent: Sunday, November 7, 2021 1:03 PM

To: USARMY JB San Antonio NETCOM List AFMO AFTRCC Team <usarmy.jbsa.NETCOM.list.afmo-aftrcc-team@mail.mil>

Subject: [Non-DoD Source] AFTRCC ICN 1697-21/9147 (Insitu FCC Mod/WM2XAV-Multi Locations, WA/OR)

AFTRCC concurs with and requests DoD AFMO-US&P concurrence/coordination on the following modification to FCC license WM2XAV.

Applicant:

Insitu

118 East Columbia Way

Bingen, WA 98605

POC: Joe Thorsheim (425-234-4287)

Location:

Bingen, WA (45-42-23 N 121-27-29)

Frequencies: 2360.0-2390.0 MHz

Station Class: FX

Emissions: 200KG1D / 15M2G1D

Power: 4 watts (ERP)

Location:

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

Frequencies: 2360.0-2390.0 MHz

Station Class: FX

Emissions: 200KG1D / 15M2G1D

Power: 3405 watts (ERP)

Location:

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

MIRAD: 31 miles (50 KM)

Maximum flight altitude: 5000',AGL

Frequencies: 2360.0-2390.0 MHz

Station Class: MO

Location:

Tillamok, OR (45-25-09 N 123-48-52 W)

Frequencies: 2360.0-2390.0 MHz

Station Class: FX

Emissions: 200KG1D / 15M2G1D

Power: 3405 watts (ERP)

Location:

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

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Frequencies: 2360.0-2390.0 MHz
Station Class: FX
Emissions: 200KG1D / 15M2G1D
Power: 3405 watts (ERP)

Location:
Tillamook, OR (45-25-09 N 123-48-52 W)
MIRAD: 68 miles (110 KM)
Maximum flight altitude: 10000',AGL
Frequencies: 2360.0-2390.0 MHz
Station Class: MO
Emissions: 200KG1D / 15M2G1D
Power: 4 watts (ERP)

Location:
Pendleton, OR (45-41-21 N 118-50-32 W)
Frequencies: 2360.0-2390.0 MHz
Station Class: FX
Emissions: 200KG1D / 15M2G1D
Power: 3405 watts (ERP)

Location:
Pendleton, OR (45-14-53 N 118-29-56 W)
MIRAD: 93 mile (150 KM)
Maximum flight altitude: 15000',AGL
Frequencies: 2360.0-2390.0 MHz
Station Class: MO
Emissions: 200KG1D / 15M2G1D
Power: 4 watts (ERP)

Location:
Hood River, OR (45-42-41 N 121-31-11 W)
Frequencies: 2360.0-2390.0 MHz
Station Class: FX
Emissions: 200KG1D / 15M2G1D
Power: 3405 watts (ERP)

Location:
Hood River, OR (45-40-18 N 121-32-24 W)
MIRAD: 87 miles (140 KM)
Maximum flight altitude: 15000',AGL
Frequencies: 2360.0-2390.0 MHz
Station Class: MO
Emissions: 200KG1D / 15M2G1D
Power: 4 watts (ERP)

Location:

X, OR (45-43-08 N 120-10-32 W)
MIRAD: 62 miles (100 KM)
Maximum flight altitude: 20000',AGL
Frequencies: 2360.0-2390.0 MHz
Station Class: MO
Emissions: 200KG1D / 15M2G1D
Power: 4 watts (ERP)

Location:

Bald Peter, OR (44-39-22 N 121-41-33 W)
Frequencies: 2360.0-2390.0 MHz
Station Class: FX
Emissions: 200KG1D / 15M2G1D
Power: 3405 watts (ERP)

Location:

Long Branch, OR (45-34-31 N 121-46-12 W)
Frequencies: 2360.0-2390.0 MHz
Station Class: FX
Emissions: 200KG1D / 15M2G1D
Power: 3405 watts (ERP)

Location:

Grey Butte, OR (44-25-04 N 121-05-50 W)
Frequencies: 2360.0-2390.0 MHz
Station Class: FX
Emissions: 200KG1D / 15M2G1D
Power: 3405 watts (ERP)

Location:

Jackass Springs, OR (45-31-19 N 120-46-58 W)
Frequencies: 2360.0-2390.0 MHz
Station Class: FX
Emissions: 200KG1D / 15M2G1D
Power: 3405 watts (ERP)

Location:

Dee, OR (45-34-31 N 121-46-13 W)
Frequencies: 2360.0-2390.0 MHz
Station Class: FX
Emissions: 200KG1D / 15M2G1D
Power: 3405 watts (ERP)

Location:

Opal City, OR (45-25-04 N 121-05-51 W)

Frequencies: 2360.0-2390.0 MHz
Station Class: FX
Emissions: 200KG1D /15M2G1D
Power: 3405 watts (ERP)

Location: (ADDED)
Wasco Butte, OR (45-36-26 N 121-19-53 W)
Frequencies: 2360.0-2390.0 MHz
Station Class: FX
Emissions: 200KG1D /15M2G1D
Power: 3405 watts (ERP)

Location: (ADDED)
The Dallas (Mill Creek Hill), OR (45-31-01 N 121-24-47W)
Frequencies: 2360.0-2390.0 MHz
Station Class: FX
Emissions: 200KG1D /15M2G1D
Power: 3405 watts (ERP)

Dates: 2021-11-10 thru 2023-11-09

AFTRCC comments: Ground Stations (FX) are on a non-interference basis to other authorized users within radion line-of-sight due to extremely high ERP.

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

Signed:
Wayne Morris
AFTRCC Telemetry Coordinator