

## Miller (US), Nathan A

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**From:** Wayne Morris <5600wayne@gmail.com>  
**Sent:** Thursday, December 16, 2021 8:51 AM  
**To:** Miller (US), Nathan A  
**Cc:** 'Hankins, Danny' (dhankins@txtav.com); Chriss Brown  
**Subject:** [EXTERNAL] Fwd: [Non-DoD Source] AFTRCC ICN 1785-21/9244 (Insitu FCC XT Renewal/WK2XKX-OR/WA (Updated Req) (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](mailto:edwin.sanchezreyes.civ@army.mil)>  
Date: Thu, Dec 16, 2021 at 7:23 AM  
Subject: RE: [Non-DoD Source] AFTRCC ICN 1785-21/9244 (Insitu FCC XT Renewal/WK2XKX-OR/WA (Updated Req) (UNCLASSIFIED))  
To: Wayne Morris <[5600wayne@gmail.com](mailto:5600wayne@gmail.com)>, USARMY JB San Antonio NETCOM List AFMO AFTRCC Team <[usarmy.jbsa.NETCOM.list.afmo-aftrcc-team@mail.mil](mailto:usarmy.jbsa.NETCOM.list.afmo-aftrcc-team@mail.mil)>

CLASSIFICATION: UNCLASSIFIED

Wayne, than you for he update. No change in coordination.

V/R,

Ed Sanchez

210-221-2050

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

**Sent:** Wednesday, December 15, 2021 3:46 PM

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

**Subject:** [Non-DoD Source] AFTRCC ICN 1785-21/9244 (Insitu FCC XT Renewal/WK2XKX-OR/WA (Updated Req)

**This updates the Lat/Long for location 8 (Opal City, OR) per request of Insitu.**

**Previously coordinated as AFTRCC ICN 1747-21/9199. AFMO concurrence Dec 2, 2021**

**AFMO210245.**

AFTRCC concurs with request for FCC renewal of WK2XKX as detailed below with no changes requested and assigns AFTRCC ICN 1747-21 for the period of 2021-12-15 thru 2023-12-31.

Applicant:

Insitu

118 East Columbia River Way

Bingen, WA 98605

POC: Nathan Miller

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

Frequency: 2377.0 MHz

Station Class: FX

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 15 watts (ERP) / 12.3 KW (ERP)

Frequency: 2395.0 MHz

Station Class: FX

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 15 watts (ERP)

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

Frequency: 2377.0 MHz

Station Class: FX

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 12.3 KW (ERP)

Frequency: 2395.0 MHz

Station Class: FX

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 12.3 KW (ERP)

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

Frequency: 2377.0 MHz

Station Class: FX

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 12.3 KW (ERP)

Frequency: 2395.0 MHz

Station Class: FX

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 12.3 KW

Location 4: Wasco, OR (45-31-19 N 120-46-58 W)

Frequency: 2377.0 MHz

Station Class: FX

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 12.3 KW

Frequency: 2395.0 MHz

Station Class: FX

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 12.3 KW

Location 5: The Dallas, OR (45-36-26 N 121-19-53 W)

Frequency: 2377.0 MHz

Station Class: FX

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 12.3 KW

Frequency: 2395.0 MHz

Station Class: FX

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 12.3 KW

Location 6: Bald Peter, OR (44-39-23 N 121-41-33 W)

Frequency: 2377.0 MHz

Station Class: FX

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 12.3 KW

Frequency: 2395.0 MHz

Station Class: FX

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 12.3 KW

Location 7: Dee, OR (45-34-31 N 121-46-13 W)

Frequency: 2377.0 MHz

Station Class: FX

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 12.3 KW

Frequency: 2395.0 MHz

Station Class: FX

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 12.3 KW

Location 8: Opal City, OR (**45-25-04 N 121-05-51 W**)

Frequency: 2377.0 MHz

Station Class: FX

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 12.3 KW

Frequency: 2395.0 MHz

Station Class: FX

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 12.3 KW

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

Frequency: 2377.0 MHz

Station Class: FX

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 12.3 KW

Frequency: 2395.0 MHz

Station Class: FX

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 12.3 KW

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

Frequency: 2377.0 MHz

Station Class: FX

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 15 watts (ERP)

Frequency: 2395.0 MHz

Station Class: MO

MIRAD: 31 miles (50 KM)

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 15 watts (ERP)

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

Frequency: 2377.0 MHz

Station Class: FX

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 15 watts (ERP)

Frequency: 2395.0 MHz

Station Class: MO

MIRAD: 124 miles (200 KM)

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 15 watts (ERP)

Location 12: The Dallas, OR (45-31-01 N 121-24-27 W)

Station Class: FX

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 12.3 KW

Frequency: 2395.0 MHz

Station Class: FX

Emissions: 5M00D1D / 10M0D1D / 20M0D1D

Power: 12.3 KW

AFTRCC comments: requested renewal with no changes requested from current license.

Frequencies as 12.3 KW ERP are on a non-interference basis to other authorized users within radio line of sight. AFTRCC has received no interference reports for same.

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

Signed:  
Wayne Morris

AFTRCC Telemetry Coordinator

CLASSIFICATION: UNCLASSIFIED