

From: donotreply_from_webfcr@faa.gov
To: [Thorsheim \(US\), Joel D](#)
Cc: [Rod Murphy](#); [Lorena Carvajal](#); [Rod Murphy](#); [Surya CTR Kanchiraju](#); [Clifford CTR Vines](#); [Patrick CTR Bledzki](#)
Subject: FAA Concurrence of Record TRK 210060, Project: PENDLETON C-BAND C2
Date: Monday, March 01, 2021 10:22:11 AM
Attachments: [TRK 210060_NG T210061_Card3_Approved.txt](#)
[NTIA-Card3-Descriptions.pdf](#)

Dear Joel Thorsheim,

The FAA Spectrum Engineering Services has completed the review of your Frequency Coordination Request.

TRK 210060 is assigned an FAA Coordination number NG T210061 that indicates FAA's coordination that may or may not include operational limits/conditions as part of the requirement for FAA concurrence. The FAA Spectrum Engineering Services has provided the following comments:

COMMENTS: THIS FAA COORDINATION IS TO FACILITATE THE TRANSITION OF WK2XUB (SCAN EAGLE 3) FROM 5060-5070 MHZ TO 5030-5040 MHZ, AND THE USE OF SINGLE DISCRETE CHANNELS IN LIEU OF A 10 MHZ BAND ASSIGNMENT. PER INSITU REQUEST, THE FAA HAS APPROVED THREE FREQUENCIES WITHIN THE 5030-5040 MHZ BAND. HOWEVER, PLEASE INFORM FCC THAT FAA REQUIRES THAT EACH FREQUENCY (5030.1625 MHZ, 5035.2475 MHZ, 5038.9045 MHZ) MUST HAVE ITS OWN NG SERIAL NUMBERS. CHANNEL SELECTION IS BASED UPON THE WIDEST AVAILABLE CHANNEL SPACING (205 KHZ), ACKNOWLEDGING THAT THE CURRENT RADIO BANDWIDTH (250 KHZ) IS NOT RTCA/MOPS COMPLIANT. FUTURE EXPANSION OF OPERATION MAY REQUIRE CHANGING OF CHANNELS TO AVOID RADIO FREQUENCY INTERFERENCE FROM OTHER USERS, INCLUDING FCC GRANT W12XHD.

Please note that this concurrence does not constitute authority to transmit. Your authority to transmit must be obtained from the FCC.

Please provide this concurrence notice to the FCC as part of your frequency application, to demonstrate completion of the FAA coordination process. The FAA Coordination number is only valid until 8/28/2021; if you need an extension, please submit an inquiry via WebFCR .

The attached file contains a Card 3 format with all technical and operational parameters; operations are required to be contained within these parameters for the FAA's concurrence to remain valid. If any of these parameters change, the license to transmit shall be re-coordinated with the FAA and updated with the FCC. A document that explains each field of the Card 3 format in plain text is attached.

The following Revision Table outlines key parameters of this coordination:

Attribute	Record Parameter
Serial Number	NG T210061
Frequency	M5030.0000
Upper Frequency	M5040.0000
City	PENDLETON
State	OR
Transmitter Radius	0001

Transmitter Latitude	454121.00N
Transmitter Longitude	1185032.00W
Antenna Height	0006
Receiver Latitude	454121.00N
Receiver Longitude	1185032.00W
Equipment Type	C,FRW MM2-M13 + FREQUENCY CONV
Antenna Type	PARABOLIC

Best regards,

FAA Spectrum Engineering Services

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Subject: FAA Concurrence of Record TRK 210061, Project: PENDLETON C-BAND C2
Date: Monday, March 01, 2021 10:24:06 AM
Attachments: [TRK 210061_NG T210062_Card3_Approved.txt](#)
[NTIA-Card3-Descriptions.pdf](#)

Dear Joel Thorsheim,

The FAA Spectrum Engineering Services has completed the review of your Frequency Coordination Request.

TRK 210061 is assigned an FAA Coordination number NG T210062 that indicates FAA's coordination that may or may not include operational limits/conditions as part of the requirement for FAA concurrence. The FAA Spectrum Engineering Services has provided the following comments:

COMMENTS: THIS FAA COORDINATION IS TO FACILITATE THE TRANSITION OF WK2XUB (SCAN EAGLE 3) FROM 5060-5070 MHZ TO 5030-5040 MHZ, AND THE USE OF SINGLE DISCRETE CHANNELS IN LIEU OF A 10 MHZ BAND ASSIGNMENT. PER INSITU REQUEST, THE FAA HAS APPROVED THREE FREQUENCIES WITHIN THE 5030-5040 MHZ BAND. HOWEVER, PLEASE INFORM FCC THAT FAA REQUIRES THAT EACH FREQUENCY (5030.1625 MHZ, 5035.2475 MHZ, 5038.9045 MHZ) MUST HAVE ITS OWN NG SERIAL NUMBERS. CHANNEL SELECTION IS BASED UPON THE WIDEST AVAILABLE CHANNEL SPACING (205 KHZ), ACKNOWLEDGING THAT THE CURRENT RADIO BANDWIDTH (250 KHZ) IS NOT RTCA/MOPS COMPLIANT. FUTURE EXPANSION OF OPERATION MAY REQUIRE CHANGING OF CHANNELS TO AVOID RADIO FREQUENCY INTERFERENCE FROM OTHER USERS, INCLUDING FCC GRANT W12XHD.

Please note that this concurrence does not constitute authority to transmit. Your authority to transmit must be obtained from the FCC.

Please provide this concurrence notice to the FCC as part of your frequency application, to demonstrate completion of the FAA coordination process. The FAA Coordination number is only valid until 8/28/2021; if you need an extension, please submit an inquiry via WebFCR .

The attached file contains a Card 3 format with all technical and operational parameters; operations are required to be contained within these parameters for the FAA's concurrence to remain valid. If any of these parameters change, the license to transmit shall be re-coordinated with the FAA and updated with the FCC. A document that explains each field of the Card 3 format in plain text is attached.

The following Revision Table outlines key parameters of this coordination:

Attribute	Record Parameter
Serial Number	NG T210062
Frequency	M5030.0000
Upper Frequency	M5040.0000
City	PENDLETON
State	OR
Transmitter Radius	0027

Transmitter Latitude	454121.00N
Transmitter Longitude	1185032.00W
Antenna Height	0006
Receiver Latitude	454121.00N
Receiver Longitude	1185032.00W
Equipment Type	C,FRW MM2-M13 + FREQUENCY CONV
Antenna Type	DIPOLE
Flight Level	150

Best regards,

FAA Spectrum Engineering Services