

FAA Coordination for Frequency Additions to WL2XYX

1084 MHz

From: "donotreply_from_webfcr [at] faa.gov" <donotreply_from_webfcr [at] faa.gov>
Date: Monday, April 15, 2024 at 12:04 PM
To: Kevin Nekula <kevin.nekula [at] ngc.com>
Cc: "robert.ctr.lando [at] faa.gov" <robert.ctr.lando [at] faa.gov>
Subject: EXT :FAA Concurrence of Record TRK 240268, Project: NFEKN03/08/2024(1)

Dear kevin.nekula [at] ngc.com,

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

TRK 240268 is assigned an FAA Coordination number NG T240287 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: SPECIAL CONDITIONS: 1) MINIMUM NECESSARY POWER IS TO BE USED, NOT TO EXCEED 0.001 W (0.5W ERP), 2) COORDINATE WITH BWI ATC AND CONFIRM STOP BUZZER POC PRIOR TO TESTING, 3) STOP BUZZER IS KEVIN NEKULA 410-756-6567, 4) NOTIFY FAA SPECTRUM OFFICE, VAIBHAV SHAH, 202-710-1410, 2 DAYS BEFORE TESTING AND WHEN TESTING HAS FINISHED, 5) 0.1MICROSECOND PULSES AUTHORIZED, 6) PULSES MUST BE SEPARATED BY 2.27 MICROSECONDS.

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 10/12/2024; 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 T240287 |
| Frequency | M1084.0000 |
| City | HANOVER |
| State | MD |
| Transmitter Radius | 1 NM |
| Transmitter Latitude | 391105.00N |
| Transmitter Longitude | 0764221.00W |
| Antenna Height | 5 Feet |
| Receiver Latitude | 391105.00N |
| Receiver Longitude | 0764221.00W |
| Equipment Type | C,SCI 22-10A,PD0.1 |
| Antenna Type | PARABOLIC |

Best regards,

FAA Spectrum Engineering Services

CARD 3

\$\$ADD NG T240287
TYP01 N
DAT01 240415
CLA01 U
FRQ01 M1084.0000
EXD01 281230
STC01 XC
EMS01 10M00P0N
PWR01 W.00100
XSC01 MD
XAL01 HANOVER
XLA01 391105N
XLG01 0764221W
XAD01 30GPABOLIC 00055H0002T
XAP01 V
XAZ01 115
RSC01 MD
RAL01 HANOVER
RLA01 391105N
RLG01 0764221W
RAD01 30GPHASEDARRY
RAP01 V
BUR01 FCC
BIN01
REM01 *PRR,440K
REM02 *EQT,C,SCI 22-10A,PD0.1
REM03 *EQR,C,NOC MESA
REM04 *NTS,M018,FAA ,240415,BLANDO,NG T240287
SUP01 THIS ANTENNA IS UNDER A FOREIGN (UNITED KINGDOM) SALES CONTRACT (NUMBER
SUP02 1694313) FOR USE IN AN AIRBORNE AIR-SEARCH RADAR. SPECIAL CONDITIONS: 1
SUP03) MINIMUM NECESSARY POWER IS TO BE USED, NOT TO EXCEED 0.001 W (0.5W ERP
SUP04), 2) COORDINATE WITH BWI ATC AND CONFIRM STOP BUZZER POC PRIOR TO TESTI
SUP05 NG, 3) STOP BUZZER IS KEVIN NEKULA 410-756-6567, 4) NOTIFY FAA SPECTRUM
SUP06 OFFICE, VAIBHAV SHAH, 202-710-1410, 2 DAYS BEFORE TESTING AND WHEN TESTI
SUP07 NG HAS FINISHED, 5) 0.1MICROSECOND PULSES AUTHORIZED, 6) PULSES MUST BE
SUP08 SEPARATED BY 2.27 MICROSECONDS.

1025 MHz

From: "donotreply_from_webfcr [at] faa.gov" <donotreply_from_webfcr [at] faa.gov>
Date: Monday, April 15, 2024 at 12:03 PM
To: Kevin Nekula <kevin.nekula [at] ngc.com>
Cc: "robert.ctr.lando [at] faa.gov" <robert.ctr.lando [at] faa.gov>
Subject: EXT :FAA Concurrence of Record TRK 240267, Project: NFEKN03/08/2024(1)

Dear kevin.nekula [at] ngc.com,

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

TRK 240267 is assigned an FAA Coordination number NG T240286 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: SPECIAL CONDITIONS: 1) MINIMUM NECESSARY POWER IS TO BE USED, NOT TO EXCEED 0.001 W (0.5W ERP), 2) COORDINATE WITH BWI ATC AND CONFIRM STOP BUZZER POC PRIOR TO TESTING, 3) STOP BUZZER IS KEVIN NEKULA 410-756-6567, 4) NOTIFY FAA SPECTRUM OFFICE, VAIBHAV SHAH, 202-710-1410, 2 DAYS BEFORE TESTING AND WHEN TESTING HAS FINISHED, 5) 0.1MICROSECOND PULSES AUTHORIZED, 6) PULSES MUST BE SEPARATED BY 2.27 MICROSECONDS.

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 10/12/2024; if you need an extension, please submit an inquiry via WebFCR .

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The following Revision Table outlines key parameters of this coordination:

| Attribute | Record Parameter |
|-----------------------|-------------------------|
| Serial Number | NG T240286 |
| Frequency | M1025.0000 |
| City | HANOVER |
| State | MD |
| Transmitter Radius | 1 NM |
| Transmitter Latitude | 391105.00N |
| Transmitter Longitude | 0764221.00W |
| Antenna Height | 5 Feet |
| Receiver Latitude | 391105.00N |
| Receiver Longitude | 0764221.00W |
| Equipment Type | C,SCI 22-10A,PD0.1 |
| Antenna Type | PARABOLIC |

Best regards,

FAA Spectrum Engineering Services

CARD 3

\$\$ADD NG T240286
TYP01 N
DAT01 240415
CLA01 U
FRQ01 M1025.0000
EXD01 281230
STC01 XC
EMS01 10M00P0N
PWR01 W.00100
XSC01 MD
XAL01 HANOVER
XLA01 391105N
XLG01 0764221W
XAD01 30GPABOLIC 00055H0002T
XAP01 V
XAZ01 115
RSC01 MD
RAL01 HANOVER
RLA01 391105N
RLG01 0764221W
RAD01 30GPHASEDARRY00047H0006T
RAP01 V
RAZ01 295
BUR01 FCC
BIN01
REM01 *PRR,440K
REM02 *RAD,0002,0001NM,B
REM03 *EQT,C,SCI 22-10A,PD0.1
REM04 *EQR,C,NOC MESA
REM05 *NTS,M018,FAA ,240415,BLANDO,NG T240286
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SUP05 NG, 3) STOP BUZZER IS KEVIN NEKULA 410-756-6567, 4) NOTIFY FAA SPECTRUM
SUP06 OFFICE, VAIBHAV SHAH, 202-710-1410, 2 DAYS BEFORE TESTING AND WHEN TESTI
SUP07 NG HAS FINISHED, 5) 0.1MICROSECOND PULSES AUTHORIZED, 6) PULSES MUST BE
SUP08 SEPARATED BY 2.27 MICROSECONDS.

1096 MHz

From: "donotreply_from_webfcr [at] faa.gov" <donotreply_from_webfcr [at] faa.gov>
Date: Monday, April 15, 2024 at 11:58 AM
To: Kevin Nekula <kevin.nekula [at] ngc.com>
Cc: "robert.ctr.lando [at] faa.gov" <robert.ctr.lando [at] faa.gov>
Subject: EXT :FAA Concurrence of Record TRK 240266, Project: NFEKN03/08/2024(1)

Dear kevin.nekula [at] ngc.com,

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

TRK 240266 is assigned an FAA Coordination number NG T240285 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: SPECIAL CONDITIONS: 1) MINIMUM NECESSARY POWER IS TO BE USED, NOT TO EXCEED 0.001 W (0.5W ERP), 2) COORDINATE WITH BWI ATC AND CONFIRM STOP BUZZER POC PRIOR TO TESTING, 3) STOP BUZZER IS KEVIN NEKULA 410-756-6567, 4) NOTIFY FAA SPECTRUM OFFICE, VAIBHAV SHAH, 202-710-1410, 2 DAYS BEFORE TESTING AND WHEN TESTING HAS FINISHED, 5) 0.1MICROSECOND PULSES AUTHORIZED, 6) PULSES MUST BE SEPARATED BY 2.27 MICROSECONDS.

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The following Revision Table outlines key parameters of this coordination:

| Attribute | Record Parameter |
|-----------------------|-------------------------|
| Serial Number | NG T240285 |
| Frequency | M1096.0000 |
| City | HANOVER |
| State | MD |
| Transmitter Radius | 1 NM |
| Transmitter Latitude | 391105.00N |
| Transmitter Longitude | 0764221.00W |
| Antenna Height | 5 Feet |
| Receiver Latitude | 391105.00N |
| Receiver Longitude | 0764221.00W |
| Equipment Type | C,SCI 22-10A,PD0.1 |
| Antenna Type | PARABOLIC |

Best regards,

FAA Spectrum Engineering Services

CARD 3

\$\$ADD NG T240285
TYP01 N
DAT01 240415
CLA01 U
FRQ01 M1096.0000
EXD01 281230
STC01 XC
EMS01 10M00P0N
PWR01 W.00100
XSC01 MD
XAL01 HANOVER
XLA01 391105N
XLG01 0764221W
XAD01 30GPABOLIC 00055H0002T
XAP01 V
XAZ01 115
RSC01 MD
RAL01 HANOVER
RLA01 391105N
RLG01 0764221W
RAD01 30GPHASEDARRY00047H0006T
RAP01 V
RAZ01 295
BUR01 FCC
BIN01
REM01 *PRR,440K
REM02 *RAD,0002,0001NM,B
REM03 *EQT,C,SCI 22-10A,PD0.1
REM04 *EQR,C,NOC MESA
REM05 *NTS,M018,FAA ,240415,BLANDO,NG T240285
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SUP05 NG, 3) STOP BUZZER IS KEVIN NEKULA 410-756-6567, 4) NOTIFY FAA SPECTRUM
SUP06 OFFICE, VAIBHAV SHAH, 202-710-1410, 2 DAYS BEFORE TESTING AND WHEN TESTI
SUP07 NG HAS FINISHED, 5) 0.1MICROSECOND PULSES AUTHORIZED, 6) PULSES MUST BE
SUP08 SEPARATED BY 2.27 MICROSECONDS.