

From: Craig Mauldin

To: Web Filer

Date: September 28, 2021

Subject: 0212-EX-CM-2021 pre-coordination data request

Message:

FAA Coordination:

\$\$ADD NG T210829

TYP01 N

DAT01 210928

CLA01 U

RVD01 210304

FRQ01 M9190.0000

EXD01 260330

STC01 XT

EMS01 12M00Q3N

PWR01 K953.40000

XSC01 FL

XAL01 OXFORD

XLA01 285509N

XLG01 0820206W

XAD01 0026T

XAZ01 ND

XCL01 WL 2XMV

XRC01 20210225

RSC01 FL

RAL01 OXFORD

RLA01 285509N

RLG01 0820206W

RAD01 0026T

RAZ01 ND

ACL01 WL 2XMV

BUR01 FCC

NET01 ELS02

BIN01

REM01 *RAD,0004,0002NM

REM02 *AGN,RAYTHEON COMPANY

REM03 *AGN,FAA NG T200977

REM04 *AGN,PWR IS ERP

REM05 *FLN,1016-EX-CN-2020

REM06 *NTS,M018,FAA ,210928,TAHN,NG T210829

NTS01 C089

SUP01 PURPOSE OF THE REQUEST:TO TEST PROTOTYPE RADAR ARRAYS. STOP BUZZER

POCS

SUP02 ARE ED PELTIER AT774-329-1031, AND MICHAEL DUBOIS AT 508-353-6317. THE D

SUP03 IRECTION OFANTENNA BORESIGHT MUST BE SET 70-80 DEG SUCH THAT AZIMUTH COV

SUP04 ERAGE MUST CONTAINS BETWEEN 20 AND 130 DEG REFERENCE TO TRUE NORTH.

ONLY

SUP05 CHANGES IS THE ANTENNA HEIGHT, BORESIGHT AND AZIMUTH.

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

TRK 210812 is assigned an FAA Coordination number NG T210829 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: NONE

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 3/27/2022; 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 T210829
Frequency	M9190.0000
City	OXFORD
State	FL
Transmitter Latitude	285509.00N
Transmitter Longitude	0820206.00W
Antenna Height	0085
Receiver Latitude	285509.00N
Receiver Longitude	0820206.00W

Best regards,

FAA Spectrum Engineering Services
\$\$ADD NG T210830
CLA01 U
RVD01 210304
FRQ01 M9010.0000
EXD01 260330
STC01 XT
EMS01 12M00Q3N
PWR01 K953.40000
XSC01 FL
XAL01 OXFORD
XLA01 285509N
XLG01 0820206W
XAD01 0026T
XAZ01 ND
XCL01 WL 2XMV
XRC01 20210225
RSC01 FL
RAL01 OXFORD
RLA01 285509N
RLG01 0820206W
RAD01 0026T

RAZ01 ND
ACL01 WL 2XMV
BUR01 FCC
NET01 ELS02
BIN01
REM01 *RAD,0004,0002NM,R
REM02 *AGN,RAYTHEON COMPANY
REM03 *AGN,NG T200978
REM04 *AGN,PWR IS ERP
REM05 *FLN,1016-EX-CN-2020
REM06 *NTS,M018,FAA ,210928,TAHN,NG T210830
NTS01 C089
SUP01 PURPOSE OF THE REQUEST:TO TEST PROTOTYPE RADAR ARRAYS. STOP BUZZER
POCS
SUP02 ARE ED PELTIER AT774-329-1031, AND MICHAEL DUBOIS AT 508-353-6317. THE D
SUP03 IRECTION OFANTENNA BORESIGHT MUST BE SET 70-80 DEG SUCH THAT AZIMUTH COV
SUP04 ERAGE MUST CONTAINS BETWEEN 20 AND 130 DEG REFERENCE TO TRUE NORTH. THE
SUP05 ONLY CHANGES IS THE ANTENNA AZIMUTH, BORESIGHT AND ANTENNA HEIGHT.

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

TRK 210813 is assigned an FAA Coordination number NG T210830 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: NONE

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 3/27/2022; 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 T210830
Frequency	M9010.0000
City	OXFORD
State	FL
Transmitter Radius	0001
Transmitter Latitude	285509.00N
Transmitter Longitude	0820206.00W
Antenna Height	0085
Receiver Latitude	285509.00N
Receiver Longitude	0820206.00W

Best regards,

FAA Spectrum Engineering Services