

Rummel, Jeffrey

To: Leann Nguyen
Cc: Moynihan, George (US)
Subject: Completion of FAA Coordination - BAE Systems - File No. 0283-EX-CM-2020 (Ref. 59375 and 59418)
Attachments: FAA Concurrence of Record TRK 210157, Project: NFEJR02/12/2021(1)

Ms. Nguyen:

Pursuant to the email below from FAA's Lorena Carvajal, BAE Systems confirms that all necessary FAA coordination has been completed for the pending application under File No. 0283-EX-CM-2020.

COMPLETION OF FAA COORDINATION FOR 228.8-328.6 MHZ RANGE - FOR 99 DISCRETE FREQUENCIES SPECIFIED IN EXHIBIT 1

- As you know, FAA coordination for the 228.8-328.6 MHz range has already been completed, for the 99 discrete frequencies specified in Exhibit 1 to pending File No. 0283-EX-CM-2020. See attached FAA Concurrence under TRK 210157 - NG T210154.
- That coordination contains a Comment stating:

"PLEASE ADD A CONDITION IN THE FCC LICENSE INDICATING THAT NO FREQUENCIES ALLOCATED FOR AIR TRAFFIC CONTROL PER LIST PROVIDED BY THE FAA WILL BE USED IN THIS FREQUENCY RANGE."

AMENDMENT OF MODIFICATION APPLICATION TO AVOID FAA FREQUENCIES WITHIN 118-137 MHZ

- As confirmed by Ms. Carvajal, as a result of the amendment of the application no additional FAA coordination is required for this application.

Best regards,

Jeff Rummel
Attorney for BAE Systems

Jeffrey E. Rummel
Partner

Arent Fox LLP | Attorneys at Law
1717 K Street, NW
Washington, DC 20006-5344
202.715.8479 **DIRECT** | 202.857.6395 **FAX**
jeffrey.rummel@arentfox.com | www.arentfox.com

From: Carvajal, Lorena (FAA) <Lorena.Carvajal@faa.gov>
Sent: Tuesday, April 6, 2021 10:16 AM
To: Rummel, Jeffrey <Jeffrey.Rummel@arentfox.com>
Cc: Leann Nguyen (Leann.Nguyen@fcc.gov) <Leann.Nguyen@fcc.gov>; Moynihan, George (US) <george.moynihan@baesystems.com>
Subject: RE: For Ms. Carvajal

Jeff,
I agree with your statement in green in the email below. No additional coordination is required with the FAA for your application under File No. 0283-EX-CM-2020. Thank you for amending this license. Future coordination with the FAA on aviation bands is going to be much smoother because of these updates.

Leann,
If you have any questions on this application, please let me know.

Thank you,

Lorena Carvajal
Federal Aviation Administration
Spectrum Engineering Office AJW-1C2
202-507-0598

From: Rummel, Jeffrey
Sent: Wednesday, March 31, 2021 1:19 PM
To: Leann Nguyen <Leann.Nguyen@fcc.gov>; Carvajal, Lorena (FAA) <Lorena.Carvajal@faa.gov>
Cc: Moynihan, George (US) <george.moynihan@baesystems.com>
Subject: For Ms. Carvajal and Ms. Nguyen - BAE Systems - File No. 0283-EX-CM-2020 (Ref. 59375 and 59418) - Completion of FAA Coordination

Ms. Carvajal and Ms. Nguyen:

As described below, this email is to advise of BAE Systems' understanding that FAA coordination for the pending modification application under File No. 0283-EX-CM-2020 has been completed.

If Ms. Carvajal can please confirm on behalf of FAA that no additional FAA coordination is required for this pending modification application under File No. 0283-EX-CM-2020, that would be appreciated.

BAE Systems requests that FCC proceed with finalization and grant of the modification application.

COMPLETION OF FAA COORDINATION FOR 228.8-328.6 MHZ RANGE - FOR 99 DISCRETE FREQUENCIES SPECIFIED IN EXHIBIT 1

- As you know, FAA coordination for the 228.8-328.6 MHz range has already been completed, for the 99 discrete frequencies specified in Exhibit 1 to pending File No. 0283-EX-CM-2020. See attached FAA Concurrence under TRK 210157 - NG T210154.
- That coordination contains a Comment stating: "PLEASE ADD A CONDITION IN THE FCC LICENSE INDICATING THAT NO FREQUENCIES ALLOCATED FOR AIR TRAFFIC CONTROL PER LIST PROVIDED BY THE FAA WILL BE USED IN THIS FREQUENCY RANGE."

AMENDMENT OF MODIFICATION APPLICATION TO AVOID FAA FREQUENCIES WITHIN 118-137 MHZ

- Based on discussions with FAA's Ms. Carvajal, BAE Systems has made the following **amendments** to the pending modification application to avoid FAA frequencies within 118-137 MHz – see attached amended form and exhibit submitted today.

Existing Bands on License	Modifications Proposed in Original Modification Filing under File No. 0283-EX-CM-2020	Amendments Based on Discussions with FAA

121.9375-129.2 MHz	121.938 – 121.965 MHz	Change to: 121.95 MHz
	122.685 – 123.5775 MHz	Change to: 122.700 – 123.575 MHz
	128.850 – 129.200 MHz	Remove: 128.850 -129.200 MHz
129.5-135.2 MHz 129.5-135.975 MHz	129.500 – 132.000 MHz 134.100 MHz 135.850 MHz	Change to: 128.825 – 132.000 MHz Retain 134.100 MHz Retain 135.850 MHz

Best regards,

Jeff Rummel
Attorney for BAE Systems

Jeffrey E. Rummel
Partner

Arent Fox LLP | Attorneys at Law
1717 K Street, NW
Washington, DC 20006-5344
202.715.8479 **DIRECT** | 202.857.6395 **FAX**
jeffrey.rummel@arentfox.com | www.arentfox.com

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Rummel, Jeffrey

From: donotreply_from_webfcr@faa.gov
Sent: Friday, February 26, 2021 7:49 PM
To: Rummel, Jeffrey
Cc: Lorena Carvajal; Lorena Carvajal; Rod Murphy; Surya CTR Kanchiraju; Clifford CTR Vines; Patrick CTR Bledzki
Subject: FAA Concurrence of Record TRK 210157, Project: NFEJR02/12/2021(1)
Attachments: TRK 210157_NG T210154_Card3_Approved.txt; NTIA-Card3-Descriptions.pdf

Dear Jeff Rummel,

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

TRK 210157 is assigned an FAA Coordination number NG T210154 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: PLEASE ADD A CONDITION IN THE FCC LICENSE INDICATING THAT NO FREQUENCIES ALLOCATED FOR AIR TRAFFIC CONTROL PER LIST PROVIDED BY THE FAA WILL BE USED IN THIS FREQUENCY RANGE.

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 8/25/2021; 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 T210154
Frequency	M228.8000
Upper Frequency	M328.6000
City	LITCHFIELD
State	NH
Transmitter Latitude	424822.00N
Transmitter Longitude	0712533.00W
Antenna Height	0100
Receiver Latitude	424822.00N
Receiver Longitude	0712533.00W

Equipment Type	U,VARIOUS
Antenna Type	LOGPERIODC
Flight Level	001

Best regards,

FAA Spectrum Engineering Services

\$\$ADD NG T210154
TYP01 N
DAT01 210226
CLA01 U
FRQ01 M228.8000
EXD01 230301
STC01 XT
EMS01 0H00N0N
PWR01 W5.00000
XSC01 NH
XAL01 LITCHFIELD
XLA01 424822N
XLG01 0712533W
XAD01 6.6GLOGPERIODC 0030T
XAP01 V
XAZ01 214
RSC01 NH
RAL01 LITCHFIELD
RLA01 424822N
RLG01 0712533W
RAD01 6.6GLOGPERIODC 0030T
RAP01 V
RAZ01 214
BUR01 FCC
BIN01 -
REM01 *FRB,M00228.800000,M00328.600000
REM02 *EQT,U,VARIOUS
REM03 *EQR,U,VARIOUS
REM04 *AGN,FLL=000,FLT=001
REM05 *AGN,+SEE SUP FOR ELABORATION OF EQT
REM06 *NTS,M018,FAA ,210226,LCARVAJ,NG T210154
SUP01 PURPOSE OF THE REQUEST:=EXPERIMENTAL STATION WF2XAM - FAA COORDINATION O
SUP02 F 99 DISCRETE FREQUENCIES WITHIN 228.8-328.6 MHZ FOR PENDING MODIFICATIO
SUP03 N APPLICATION UNDER FILE NO 0283-EX-CM-2020;;;;