



February 7, 2008

Jeffery E. Rummel, Esq.
Arent Fox LLP
1050 Connecticut Ave, NW
Washington, DC 20036-5339

Mr. Rummel:

Subject: Response for request of FAA Coordination BAE Systems FCC File No.0293-EX-PL-2007
Blanket experimental license for Merrimack, Litchfield NH.

The FAA concurs with your proposed experimental application provided:

1. The applicant agrees to accept and implement any future modifications to their operation as directed by the FAA to include ceasing operations, or adding additional frequency restrictions so that future FAA operational requirements can be supported.
2. The station class on the license is listed as XT.
3. Under no circumstances is the ERP to exceed the maximum output listed for each frequency band.
4. The Applicant agrees not to transmit on any of the restricted frequencies as described in the attached coordination spread sheet.
- 5 These conditions must be listed in the license issued by the FCC

Failure to comply with any of these conditions will render a non-concur by the FAA to the issuance of the requested experimental license. Provided that the applicant can and agrees to the above conditions, please provide the FAA coordination number NG T080186 for Merrimack NH and NG T08187 for Litchfield NH. With a copy of these conditions and the attached spreadsheet to the FCC for them to include in the application that goes to NTIA.

David Harris
AJW-E15G, FAA Spectrum Management
Operations Support Center (NE)
11 Murphy Dr.
Nashua, NH. 03062

Experimental License BAE Systems
for Litchfield, NH
FCC file No.: 0293-EX-PL-2007

74.8-75.2 MHz

ERP not to exceed 0.007 W

No transmissions +/- 25Khz 75Mhz

108-117.975 MHz

ERP not to exceed 0.1 W with exception ,

No Horizontal transmissions +/- 25 KHz of the following

109.1

109.95

114.4

117.975 – 137 MHz

ERP not to exceed 0.1 W with exception,

No Vertical transmission +/- 50 KHz of the following

121.5

No Vertical transmissions +/- 25 KHz of the following

119.55, 134.75

121.30 135.90

121.90 127.35

124.90

225 – 400 Mhz

ERP not to exceed 0.1 W with exception

No Vertical transmission +/- 50 KHz of the following

243.0

No Vertical transmissions +/- 25KHz of the following

239.025

254.25

385.45

960 – 1215 MHz

ERP not to exceed 5.0 W with the exception of previous coordination 1103 MHz @ 182 W (NG 073193, FCC 0015-EX-PL-2006)

No Vertical transmissions +/- 1.0 MHz of the following

989.0

1178.0

Transmissions +/- 10 MHz of 1030 and 1090 MHz are protected above 500ft in altitude, where levels cannot exceed -78.0 dBm. ERP in either polarization cannot exceed a level where this protection would be penetrated.

Experimental License BAE Systems
for Litchfield, NH
FCC file No.: 0293-EX-PL-2007

1215 – 1390 MHz

ERP not to exceed 5 W with exception

Horizontal/Vertical Transmission level for 1227.6 MHz +/- 10 MHz are not to exceed 0.007 W ERP.

2700 – 3000 MHz

ERP not to exceed 10 W with exception

No Vertical/Horizontal transmissions +/- 10 MHz on the following

2805

2885

5000 – 5250 MHz

ERP not to exceed 5.0 W

Experimental License BAE Systems
for Merrimack, NH
FCC file No.: 0293-EX-PL-2007

74.8-75.2 MHz

ERP not to exceed 0.007 W

No transmissions +/- 25Khz 75Mhz

108-117.975 MHz

ERP not to exceed 0.1 W with exception ,

No Horizontal transmissions +/- 25 KHz of the following

109.7

117.975 – 137 MHz

ERP not to exceed 0.1 W with exception,

No Vertical transmission +/- 50 KHz of the following

121.5

No Vertical transmissions +/- 25 KHz of the following

121.80 133.20 125.825

125.10 134.25

125.05 127.35

124.40 118.25

225 – 400 Mhz

ERP not to exceed 0.1 W with exception

No Vertical transmission +/- 50 KHz of the following

243.0

No Horizontal transmissions +/- 25KHz of the following

333.20 (Glide Slope)

960 – 1215 MHz

ERP not to exceed 5.0 W with the exception of previous coordination 1103 MHz @ 182 W (NG 073193, FCC 0015-EX-PL-2006)

No Vertical transmissions +/- 1.0 MHz of the following

962.0

1148.0

Transmissions +/- 10 MHz of 1030 and 1090 MHz are protected above 500ft in altitude, where levels cannot exceed -78.0 dBm. ERP in either polarization cannot exceed a level where this protection would be penetrated.

Experimental License BAE Systems
for Merrimack, NH
FCC file No.: 0293-EX-PL-2007

1215 – 1390 MHz

ERP not to exceed 5.0 W with the exception of previous coordination 1300 MHz @ 182 W (NG 073194, FCC 0015-EX-PL-2006)

Horizontal/Vertical Transmission level for 1227.6 MHz +/- 10 MHz are not to exceed 0.007 W ERP.

2700 – 3000 MHz

ERP not to exceed 10 W with the exception of previous coordination 2700 MHz @ 182 W (NG 073197, FCC 0015-EX-PL-2006)

5000 – 5250 MHz

ERP not to exceed 5.0 W

7125 – 8500 MHz

ERP not to exceed 1.0 W with exception

No Vertical/Horizontal transmissions +/- 1 MHz of the following

8005.0

8210.0

8330.0

Rummel, Jeffrey

From: Jose Trevino [Jose.Trevino@fcc.gov]
Sent: Friday, January 18, 2008 12:04 PM
To: Rummel, Jeffrey
Subject: RE: BAE Systems - Request for Quote for AFTRCC Coordination - FCC File No. 0293-EX-PL-2007

Mr. Rummel,

Mr. Holtmeyer is correct. I do apologies for the my error. We do not need AFTRCC coordination.

Joe Trevino

From: Rummel, Jeffrey [mailto:Rummel.Jeffrey@ARENTFOX.COM]
Sent: Friday, January 18, 2008 11:49 AM
To: Jose Trevino
Subject: RE: BAE Systems - Request for Quote for AFTRCC Coordination - FCC File No. 0293-EX-PL-2007

OK - when you can, please let me know if we should disregard the AFTRCC coordination of 3700 MHz based on Mr. Holtmeyer's e-mail.

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From: Jose Trevino [mailto:Jose.Trevino@fcc.gov]
Sent: Friday, January 18, 2008 11:28 AM
To: Rummel, Jeffrey
Subject: RE: BAE Systems - Request for Quote for AFTRCC Coordination - FCC File No. 0293-EX-PL-2007

Got it. Thanks!

From: Rummel, Jeffrey [mailto:Rummel.Jeffrey@ARENTFOX.COM]
Sent: Friday, January 18, 2008 11:23 AM
To: Jose Trevino

1/18/2008

Cc: Johnson, Tracy H (US SSA); McAninch, Wilbur B (US SSA); Haes, Donald (US SSA)

Subject: FW: BAE Systems - Request for Quote for AFTRCC Coordination - FCC File No. 0293-EX-PL-2007

Mr. Trevino:

As we discussed, please see the message below from Mr. Holtmeyer of AFTRCC, indicating that the 3700 MHz request does not require AFTRCC coordination.

Of course, if there are any remaining questions, please let me know and I will do what I can to help clarify this.

If the AFTRCC response looks acceptable to the Commission, please let me know, so I can confirm the situation in a formal response via the ELS.

Best regards,

Jeffrey

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From: Holtmeyer, Darryl J [mailto:darryl.j.holtmeyer@boeing.com]

Sent: Thursday, January 17, 2008 4:09 PM

To: Rummel, Jeffrey

Cc: Hart, W. Clark; Keane, Ken

Subject: RE: BAE Systems - Request for Quote for AFTRCC Coordination - FCC File No. 0293-EX-PL-2007

Mr. Rummel,

Per FCC and NTIA rules AFTRCC coordinates use of the frequency bands 1435 to 1525 MHz, 2310 to 2320 MHz, and 2345 to 2395 MHz. The FCC should understand this and not require AFTRCC coordination for 3700 MHz.

Darryl J. Holtmeyer
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1/18/2008