

Rummel, Jeffrey

From: David.Harris@faa.gov
Sent: Monday, March 23, 2009 10:59 AM
To: Moynihan, George (US SSA)
Cc: Ball, Richard C (US SSA); Rummel, Jeffrey; Johnson, Tracy H (US SSA); timothy.j.pawlowitz@faa.gov
Subject: Re: BAE Systems Coordination Status

Attachments: bae.pdf



bae.pdf

George,

Good Morning.

I've been in contact with Tim Pawlowitz about the amount of BAE coordination that have been done. The FAA frequency restrictions don't change between FCC licenses applications, therefore the FAA database is being overrun with repeat coordination. I've attached the coordination for multiple frequency bands for both Merrimack and Litchfield. Next to the frequency bands is the NG T number that can be referenced for any future FCC required coordination.

Please note that as always,

1. the station class should always be listed as XT 2. Under no circumstances shall the ERP exceed the maximum listed for each frequency band.

3. BAE must be willing to accept and implement any future modification 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.

(See attached file: bae.pdf)

As always if you have any questions, or concerns I can be reached at the below numbers or by e-mail

Dave Harris
AJW-E15G, FAA Spectrum Management
Operations Support Center (NE)
11 Murphy Dr.
Nashua, NH. 03062
Office (603) 881- 1151
Cell (603) 860 - 5018

"Moynihan, George
\(US SSA\)"
<george.moynihan@
baesystems.com>

03/20/2009 02:08
PM

David Harris/ANE/FAA@FAA

To

CC

"Johnson, Tracy H \(US SSA\)"
<tracy.johnson@baesystems.com>,
"Rummel, Jeffrey"
<Rummel.Jeffrey@ARENTFOX.COM>,
"Ball, Richard C \(US SSA\)"
<richard.c.ball@baesystems.com>

Subject

BAE Systems Coordination Status

Good Afternoon Dave,

Welcome back. I am following up on two requests for coordination for BAE Systems:

1) The first request was made via e-mail to you 06 February 2009 which you forwarded to Mr Pawlowitz because you were going to be out of the office for several weeks.

File No. 0147-EX-PL-2006 - Litchfield, NH

108.5-118.4 MHz, 119.625 MHz, 120.1-129.2 MHz, 129.5-135.2 MHz, 136.15 MHz, 330.05 MHz, 333.35 MHz, 960-1200 MHz, 1218.95 MHz, 1243.325 MHz, 1251-1390 MHz, 2745.275 MHz, 2768.6 MHz, 2800.175 MHz, 2851.6 MHz, 2856.2 MHz, and 2700-3000 MHz

File No. 0475-EX-PL-2006 - Merrimack, NH

109.375 MHz, 111.575 MHz, 113.825 MHz, 114.95 MHz, 116.1 MHz, 117.275 MHz, 119.625 MHz, 120.825 MHz, 133.475 MHz, 134.8 MHz, 136.15 MHz, 330.05 MHz, 333.35 MHz, 978-1020 MHz, 1031-1087 MHz, 1104-1146 MHz, 1218.95 MHz, 1243.325 MHz, 1251-1390 MHz, and 2700-3000 MHz

2) The second request was made via e-mail to Mr. Pawlowitz directly on 11 February 2009.

File No. 0337-EX-PL-2006 - Litchfield, NH

119.725 MHz, 124.575 MHz, 136.7 MHz, 330.7 MHz, and 333.125 MHz

It would be greatly appreciated if you could provide a status of these coordinations.

Thank you,
- George

George Moynihan
Antenna Engineer
BAE SYSTEMS
PO Box 868, MER23-1366
Nashua, NH 03061-0868

Office: 603-885-5987

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Experimental License BAE Systems
Litchfield NH
(42 48'22"N, 071 25'33"W)
FCC file No.:XXXX-EX-PL-20XX

74.8-75.2 Mhz **NG T090273**

ERP not to exceed 0.007W

No transmissions +/-25Khz of 75Mhz

108-117.975Mhz **NG T090274**

ERP Not to exceed 0.1W with exception,

No Horizontal transmissions +/- 50Khz of the following

109.95

109.1

114.4

117.975-137Mhz **NG T090275**

ERP Not to exceed 0.1W with exception,

No Vertical transmissions +/- 50Khz of the following

121.5

No Vertical transmissions +/- 25Khz of the following

119.55 134.75

121.30 135.90

121.90 127.35

124.90

225-400Mhz **NG T090276**

ERP Not to exceed 0.1W with exception

No Vertical transmission +/- 50Khz of the following

243.0

No Vertical transmissions +/- 25Khz of the following

239.025

254.25

385.45

Experimental License BAE Systems
Litchfield NH
(42 48'22"N, 071 25'33"W)
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960-1215Mhz **NG T090277**

ERP Not to exceed 5.0W with the exception of previously coordination NG 073193 (FCC 0015-EX-PL-2006) 1103Mhz @ 182W.

No Vertical transmissions +/-1.0Mhz of the following

989.0

1178.0

Transmissions +/- 10Mhz of 1030 and 1090Mhz are protected above 500ft in altitude, where levels cannot exceed -78dBm. ERP in either polarization cannot exceed a level where this protection would be penetrated.

1215-1390Mhz **NG T090278**

ERP Not to exceed 5.0 W with exception

Vertical or Horizontal transmissions +/- 10Mhz of 1227.6Mhz are not

To exceed 0.007 W ERP.

2700-3000Mhz **NG T090279**

ERP Not to exceed 10W with exception

No Vertical or Horizontal transmissions +/- 10 Mhz of the following

2805

2885