

## Exhibit 1

The following modifications are sought for the WE2XYG license:

- Deletion of 117.275
- Addition of 121.950 MHz

BAE Systems respectfully requests reconsideration of this alternate frequency as previously reviewed and not objected to by FAA, and if any issues or concerns are identified, to please discuss with BAE Systems prior to any action being taken to deny grant.

- Addition of 123.575 MHz

NOTE: In 2/2015, this frequency was **coordinated** by AFTRCC **under Coordination No. 1502003**. Please see attached coordination.

BAE Systems respectfully requests reconsideration of this frequency as previously coordinated by AFTRCC and reviewed and not objected to by FAA, and if any issues or concerns are identified, to please discuss with BAE Systems prior to any action being taken to deny grant.

- Addition of 128.825 MHz

NOTE: In 2/2015, this frequency was **coordinated** by ASRI. Please see attached coordination.

BAE Systems respectfully requests reconsideration of this frequency as previously coordinated by ASRI and reviewed and not objected to by FAA, and if any issues or concerns are identified, to please discuss with BAE Systems prior to any action being taken to deny grant.

- Addition of 1356 MHz

NOTE: In 4/2015, FAA's Anuj Sinha **coordinated the entire 1215-1390 MHz band**, subject to an azimuth blanking requirement in that band from: 120-130, 200-210, 245-260 and 325-335 degrees. Please see attached 4/22/2015 email.

BAE Systems respectfully requests reconsideration of these alternate frequencies as previously approved by FAA, and if any issues or concerns are identified, to please discuss with BAE Systems prior to any action being taken to deny grant.

As previously explained to the Commission, grant of these frequencies is critical in order to meet future testing for field returns of military equipment. Any questions regarding confirmation of the national security issues and related contract issues should be directed promptly to:

Ms. Cynthia B Straney, US Navy  
202-781-1791 (cynthia.b.straney@navy.mil)

**2/2015 AFTRCC  
COORDINATION OF  
123.575 MHz**



**AEROSPACE & FLIGHT TEST RADIO COORDINATING COUNCIL®**

**616 E. 34<sup>th</sup> Street North, Wichita, KS 67219  
TELEPHONE (316) 821-9516**

Letter of Frequency Recommendation, Experimental

**Coordination No. 1502003**

To: BAE Systems Information and Electronic Systems Integration Inc. 2-24-2015  
Attn: Jeff Rummel  
1717 K. Street, NW  
Washington, DC 20006

This is in reply to your 1/27/2015 letter requesting AFTRCC coordination for Renewal and Modification of Experimental License WE2XYG, with associated application numbers 0131-EX-RR-2013, 0016-EX-ML-2015 and 0099-EX-RR-2015. The location and/or addresses of the transmitters is/will be:

Mobile: within 0.2 KMRAD of 42-48-30 N Lat, 071-29-15 W Lon  
Merrimack, Hillsborough County, NH

Frequencies, emission designators, and maximum transmit power assigned to this recommendation are as follows:

| <b>Frequency</b> | <b>Power</b> | <b>Station Class</b> | <b>Emission(s)</b> |
|------------------|--------------|----------------------|--------------------|
| 2.851 MHz        | 5 W          | MO                   | NON                |
| 3.004 MHz        | 5 W          | MO                   | NON                |
| 3.281 MHz        | 5 W          | MO                   | NON                |
| 3.443 MHz        | 5 W          | MO                   | NON                |

**AFTRCC Recommendation Letter: BAE Systems IESI, P2 of 3**  
**2-24-2015**

|             |       |    |     |
|-------------|-------|----|-----|
| 5.451 MHz   | 5 W   | MO | NON |
| 5.469 MHz   | 5 W   | MO | NON |
| 5.571 MHz   | 5 W   | MO | NON |
| 6.550 MHz   | 5 W   | MO | NON |
| 8.822 MHz   | 5 W   | MO | NON |
| 10.045 MHz  | 5 W   | MO | NON |
| 11.288 MHz  | 5 W   | MO | NON |
| 11.306 MHz  | 5 W   | MO | NON |
| 13.312 MHz  | 5 W   | MO | NON |
| 17.964 MHz  | 5 W   | MO | NON |
| 21.931 MHz  | 5 W   | MO | NON |
| 123.250 MHz | 0.1 W | MO | NON |
| 123.575 MHz | 0.1 W | MO | NON |

*AFTRCC recommends the FCC add the following restriction(s) to the grant of this authorization:*

*“Experimental use is secondary to, and must not interfere with, Flight Test operations.*

***SPECIAL CONDITION: LICENSEE MUST COORDINATE WITH OTHER  
USERS AS NECESSARY TO MINIMIZE INTERFERENCE.***

*Renewal of this License is subject to prior coordination with AFTRCC Frequency Advisory Committee, [www.aftrcc.org](http://www.aftrcc.org)”*

This recommendation is advisory only and not binding on you or the FCC. It does not constitute a judgment that the frequency(ies) specified is/are best suited to your purpose or that the assignment is exclusive to your Company. In utilizing this recommendation, the Company agrees to release and hold harmless AFTRCC, its officers, members, agents, and representatives from and against any claims, losses, damages, or expenses that may arise as a result of your Company’s use of the frequency(ies) specified.

**AFTRCC Recommendation Letter: BAE Systems IESI, P3 of 3**  
**2-24-2015**

This recommendation letter will be valid only for a period of 90 days from the date on this letter. If an application for License has not been filed with the Federal Communications Commission within that period, it will be necessary to request a new frequency recommendation.

The original of this letter should be attached/forwarded to your application for a license when it is filed with the Federal Communications Commission.

AFTRCC Frequency Advisory Committee

A handwritten signature in cursive script that reads "Danny B. Hankins".

Danny B. Hankins  
Aerospace & Flight Test Radio Coordinating Council  
Tel: 620-332-0432 Fax: 316-206-8396  
Email: [dhankins@cessna.textron.com](mailto:dhankins@cessna.textron.com)

**2/2015 ASRI  
COORDINATION OF  
128.825 MHz**



180 Admiral Cochrane Drive  
Annapolis, MD 21401

February 5, 2015

Mr. Jeff Rummel  
Attorney for BAE Systems  
1717 K Street, NW  
Washington, DC 20006-5344

Dear Mr. Rummel;

Please accept this letter as concurrence from Aviation Spectrum Resources Inc. (ASRI) for BAE Systems to perform flight testing in association with FCC experimental license call sign WE2XYG on the following frequencies:

**VHF Frequencies (MHz):**

|         |         |         |         |         |         |
|---------|---------|---------|---------|---------|---------|
| 129.550 | 130.825 | 128.825 | 128.825 | 130.000 | 132.000 |
|---------|---------|---------|---------|---------|---------|

Transmitter location: (At or near)

Merrimack, NH 42 48 30 N / 071 29 15 W

ASRI concurs with the use of the specified frequencies by BAE Systems, provided that no interference is received by ASRI licensed stations. If interference is reported to ASRI, Bombardier Inc. must cease operations immediately. This concurrence is valid for terms associated with FCC experimental call sign WE2XYG.

If you should have any questions regarding this letter of concurrence please contact me at telephone number 443-951-0344 or via e-mail at [ccw@asri.aero](mailto:ccw@asri.aero).

Sincerely,

A handwritten signature in black ink, appearing to read "Christopher Wheatley". The signature is stylized with a large, looped "C" and a prominent "W".

Christopher Wheatley  
Aviation Spectrum Resources Inc.

# 4/2015 FAA Coordination of the Entire 1215-1390 MHz Band

**From:** Anuj.K.Sinha@faa.gov [mailto:Anuj.K.Sinha@faa.gov]  
**Sent:** Wednesday, April 22, 2015 9:51 AM  
**To:** Rummel, Jeffrey <Jeffrey.Rummel@arentfox.com>  
**Cc:** Stephanie.Thomas@faa.gov  
**Subject:** RE: Follow-Up - BAE Systems - Request for FAA Coordination for Non-118-137 MHz Frequencies (WE2XYG - File Now. 0016-EX-ML-2015 and 0099-EX-RR-2015) (METT)

Yes sir,

For the frequency M1215-M1390 you can complete the coordination. I will work on the remaining and try to complete them today.

Anuj

Anuj Sinha  
Frequency Management Officer, Spectrum Engineer  
Federal Aviation Administration (FAA)  
ESA Spectrum Engineering Services, AJW-1C5  
Office: 718 977 6609

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**From:** Rummel, Jeffrey [mailto:Jeffrey.Rummel@arentfox.com]  
**Sent:** Wednesday, April 22, 2015 8:44 AM  
**To:** Sinha, Anuj K (FAA)  
**Cc:** Moynihan, George (US SSA)  
**Subject:** RE: Follow-Up - BAE Systems - Request for FAA Coordination for Non-118-137 MHz Frequencies (WE2XYG - File Now. 0016-EX-ML-2015 and 0099-EX-RR-2015) (METT)

Mr. Sinha:

BAE Systems has confirmed that it can accept the additional azimuth blanking proposed in your email, so that the condition would apply to: 120-130, 200-210, 245-260 and 325-335 degrees.



Can we complete the coordination today, since this is becoming an urgent situation?

Best regards,

Jeff Rummel

**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](mailto:jeffrey.rummel@arentfox.com) | [www.arentfox.com](http://www.arentfox.com)

**From:** Anuj.K.Sinha@faa.gov [mailto:Anuj.K.Sinha@faa.gov]

**Sent:** Tuesday, April 21, 2015 3:37 PM

**To:** Rummel, Jeffrey

**Subject:** RE: Follow-Up - BAE Systems - Request for FAA Coordination for Non-118-137 MHz Frequencies (WE2XYG - File Now. 0016-EX-ML-2015 and 0099-EX-RR-2015) (METT)

Sorry for the delay,

I am still working on this but for

**1215-1390 MHz**

- BAE Systems understands that you are in the process of confirming coordination for the entire 1215-1390 MHz band, which includes both of the following sub-bands, 1215-1339 MHz and 1340-1390MHz.
- If you could please confirm coordination (and NGT number(s)) for the entire 1215-1390 MHz band as soon as possible, it would be appreciated.
- To help expedite completion of review, please note that BAE Systems can accept the following azimuth blanking for the entire 1215-1390 MHz band:

**“Frequency M1215-M1339 will need to be blanked from 200-210 degrees, 245-260 degrees and 325 to 335 degrees... will need to add 120-130 degrees in to the blanking requirement.**

**NEW blanking requirements: 120-130, 200-210, 245-260 and 325-335 degrees. If BAE can adhere to these requirements please let me know and proceed.**

Anuj Sinha  
Frequency Management Officer, Spectrum Engineer  
Federal Aviation Administration (FAA)  
ESA Spectrum Engineering Services, AJW-1C5  
Office: 718 977 6609