

**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**EXPERIMENTAL**  
**RADIO STATION CONSTRUCTION PERMIT**  
**AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WF2XAM

(Call Sign)

XC      FX MO

(Class of Station)

0163-EX-CR-2016

(File Number)

NAME BAE Systems Information and Electronic Systems Integration Inc.

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(hb) of the Commission's Rules

Station Locations

- (1) Litchfield (HILLSBOROUGH), NH - NL 42-48-22; WL 71-25-33
- (2) MOBILE: East Rindge, New Hampshire, within 32 km, centered around NL 42-44-15;  
WL 71-57-59

Frequency Information

Litchfield (HILLSBOROUGH), NH - NL 42-48-22; WL 71-25-33

| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 15.01-29.9 MHz | FX            | N0N                 | 5 W (ERP)        |                           |
| 15.01-29.9 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 15.01-29.9 MHz | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 29.975 MHz     | FX            | N0N                 | 5 W (ERP)        |                           |

This authorization effective February 28, 2017 and  
will expire 3:00 A.M. EST March 01, 2019

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Litchfield (HILLSBOROUGH), NH - NL 42-48-22; WL 71-25-33

| Frequency          | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------------|---------------|---------------------|------------------|---------------------------|
| 29.975 MHz         | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 29.975 MHz         | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 30-73 MHz          | FX            | N0N<br>25K0F3D      | 5 W (ERP)        |                           |
| 75.4-108 MHz       | FX            | N0N<br>25K0F3D      | 5 W (ERP)        |                           |
| 108.5-117.975 MHz  | FX            | N0N<br>25K0F3D      | 0.1 W (ERP)      |                           |
| 121.9375-129.2 MHz | FX            | N0N                 | 5 W (ERP)        |                           |
| 129.5-135.2 MHz    | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 129.5-135.975 MHz  | FX            | N0N                 | 5 W (ERP)        |                           |
| 137.1-138 MHz      | FX            | N0N                 | 5 W (ERP)        |                           |
| 144-152.885 MHz    | FX            | N0N                 | 5 W (ERP)        |                           |

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| Frequency          | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------------|---------------|---------------------|------------------|---------------------------|
| 144-152.885 MHz    | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 153.4 MHz          | FX            | N0N                 | 5 W (ERP)        |                           |
| 153.4 MHz          | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 153.4 MHz          | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 154-156.515 MHz    | FX            | N0N<br>25K0F3D      | 5 W (ERP)        |                           |
| 156.81-161.625 MHz | FX            | N0N<br>25K0F3D      | 5 W (ERP)        |                           |
| 162.85 MHz         | FX            | N0N                 | 5 W (ERP)        |                           |
| 162.85 MHz         | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 162.85 MHz         | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 164-173.4 MHz      | FX            | N0N                 | 5 W (ERP)        |                           |

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| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 164-173.4 MHz   | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 164-173.4 MHz   | FX            | 11K0F3D             | 5 W (ERP)        |                           |
| 174-228.6 MHz   | FX            | N0N                 | 5 W (ERP)        |                           |
| 228.8-328.6 MHz | FX            | N0N                 | 5 W (ERP)        |                           |
| 330.05 MHz      | FX            | N0N                 | 5 W (ERP)        |                           |
| 330.05 MHz      | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 333.95 MHz      | FX            | N0N                 | 5 W (ERP)        |                           |
| 333.95 MHz      | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 335.4-454 MHz   | FX            | N0N                 | 5 W (ERP)        |                           |
| 456-470 MHz     | FX            | N0N<br>25K0F3D      | 5 W (ERP)        |                           |

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| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 472.225 MHz | FX            | N0N                 | 5 W (ERP)        |                           |
| 472.225 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 472.225 MHz | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 476.95 MHz  | FX            | N0N                 | 5 W (ERP)        |                           |
| 476.95 MHz  | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 476.95 MHz  | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 481.725 MHz | FX            | N0N                 | 5 W (ERP)        |                           |
| 481.725 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 481.725 MHz | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 486.525 MHz | FX            | N0N                 | 5 W (ERP)        |                           |

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| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 486.525 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 486.525 MHz | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 491.4 MHz   | FX            | N0N                 | 5 W (ERP)        |                           |
| 491.4 MHz   | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 491.4 MHz   | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 496.3 MHz   | FX            | N0N                 | 5 W (ERP)        |                           |
| 496.3 MHz   | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 496.3 MHz   | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 500 MHz     | FX            | N0N                 | 5 W (ERP)        |                           |
| 500 MHz     | FX            | N0N                 | 0.007 W (ERP)    |                           |

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| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 500 MHz     | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 508-608 MHz | FX            | N0N<br>25K0F3D      | 5 W (ERP)        |                           |
| 621.7 MHz   | FX            | N0N                 | 5 W (ERP)        |                           |
| 621.7 MHz   | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 621.7 MHz   | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 626-632 MHz | FX            | N0N                 | 5 W (ERP)        |                           |
| 626-632 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 626-632 MHz | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 634.125 MHz | FX            | N0N                 | 5 W (ERP)        |                           |
| 634.125 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |

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| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 634.125 MHz | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 646.825 MHz | FX            | N0N                 | 5 W (ERP)        |                           |
| 646.825 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 646.825 MHz | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 659.75 MHz  | FX            | N0N                 | 5 W (ERP)        |                           |
| 659.75 MHz  | FX            | N0N                 | 5 W (ERP)        |                           |
| 659.75 MHz  | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 662-668 MHz | FX            | N0N                 | 5 W (ERP)        |                           |
| 662-668 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 662-668 MHz | FX            | 25K0F3D             | 5 W (ERP)        |                           |

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| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 672.95 MHz  | FX            | N0N                 | 5 W (ERP)        |                           |
| 672.95 MHz  | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 672.95 MHz  | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 686.4 MHz   | FX            | N0N                 | 5 W (ERP)        |                           |
| 686.4 MHz   | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 686.4 MHz   | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 700.125 MHz | FX            | N0N                 | 5 W (ERP)        |                           |
| 700.125 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 700.125 MHz | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 714.125 MHz | FX            | N0N                 | 5 W (ERP)        |                           |

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| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 714.125 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 714.125 MHz | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 728.425 MHz | FX            | N0N                 | 5 W (ERP)        |                           |
| 728.425 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 728.425 MHz | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 734-740 MHz | FX            | N0N                 | 5 W (ERP)        |                           |
| 734-740 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 734-740 MHz | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 742.975 MHz | FX            | N0N                 | 5 W (ERP)        |                           |
| 742.975 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |

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| Frequency      | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|----------------|---------------|---------------------|------------------|---------------------------|
| 742.975 MHz    | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 809-902 MHz    | FX            | N0N<br>25K0F3D      | 5 W (ERP)        |                           |
| 902-928 MHz    | FX            | N0N<br>25K0F3D      | 5 W (ERP)        |                           |
| 940.4-1200 MHz | FX            | N0N                 | 5 W (ERP)        |                           |
| 940.4-1200 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 940.4-1200 MHz | FX            | 11K0F3D             | 5 W (ERP)        |                           |
| 1218.95 MHz    | FX            | N0N                 | 5 W (ERP)        |                           |
| 1218.95 MHz    | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 1243.325 MHz   | FX            | N0N                 | 5 W (ERP)        |                           |
| 1243.325 MHz   | FX            | N0N                 | 0.007 W (ERP)    |                           |

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| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 1251-1390 MHz   | FX            | N0N                 | 5 W (ERP)        |                           |
| 1427-1660 MHz   | FX            | N0N<br>25K0F3D      | 5 W (ERP)        |                           |
| 1668.4-1755 MHz | FX            | N0N<br>25K0F3D      | 5 W (ERP)        |                           |
| 1863.555 MHz    | FX            | N0N                 | 5 W (ERP)        |                           |
| 1863.555 MHz    | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 1863.555 MHz    | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 1890.945 MHz    | FX            | N0N                 | 5 W (ERP)        |                           |
| 1890.945 MHz    | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 1890.945 MHz    | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 1909.965 MHz    | FX            | N0N                 | 5 W (ERP)        |                           |

## Frequency Information

Litchfield (HILLSBOROUGH), NH - NL 42-48-22; WL 71-25-33

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 1909.965 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 1909.965 MHz | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 1910.025 MHz | FX            | N0N                 | 5 W (ERP)        |                           |
| 1910.025 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 1910.025 MHz | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 1918.724 MHz | FX            | N0N                 | 5 W (ERP)        |                           |
| 1918.724 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 1918.724 MHz | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 1929.975 MHz | FX            | N0N                 | 5 W (ERP)        |                           |
| 1929.975 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |

## Frequency Information

Litchfield (HILLSBOROUGH), NH - NL 42-48-22; WL 71-25-33

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 1929.975 MHz | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 1946.925 MHz | FX            | N0N                 | 5 W (ERP)        |                           |
| 1946.925 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 1946.925 MHz | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 1960.575 MHz | FX            | N0N                 | 5 W (ERP)        |                           |
| 1960.575 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 1960.575 MHz | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 1975.545 MHz | FX            | N0N                 | 5 W (ERP)        |                           |
| 1975.545 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 1975.545 MHz | FX            | 25K0F3D             | 5 W (ERP)        |                           |

## Frequency Information

Litchfield (HILLSBOROUGH), NH - NL 42-48-22; WL 71-25-33

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 1990.025 MHz | FX            | N0N                 | 5 W (ERP)        |                           |
| 1990.025 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 1990.025 MHz | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 1999.8 MHz   | FX            | N0N                 | 5 W (ERP)        |                           |
| 1999.8 MHz   | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 1999.8 MHz   | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 2000 MHz     | FX            | N0N                 | 5 W (ERP)        |                           |
| 2000 MHz     | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 2000 MHz     | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 2100 MHz     | FX            | N0N                 | 5 W (ERP)        |                           |

## Frequency Information

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| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2100 MHz      | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 2100 MHz      | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 2200-2310 MHz | FX            | N0N<br>25K0F3D      | 5 W (ERP)        |                           |
| 2320-2345 MHz | FX            | N0N<br>25K0F3D      | 5 W (ERP)        |                           |
| 2360-2450 MHz | FX            | N0N<br>25K0F3D      | 5 W (ERP)        |                           |
| 2500 MHz      | FX            | N0N                 | 5 W (ERP)        |                           |
| 2500 MHz      | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 2500 MHz      | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 2533.6 MHz    | FX            | N0N                 | 5 W (ERP)        |                           |

## Frequency Information

Litchfield (HILLSBOROUGH), NH - NL 42-48-22; WL 71-25-33

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 2533.6 MHz   | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 2533.6 MHz   | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 2536.225 MHz | FX            | N0N                 | 5 W (ERP)        |                           |
| 2536.225 MHz | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 2536.225 MHz | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 2586.95 MHz  | FX            | N0N                 | 5 W (ERP)        |                           |
| 2586.95 MHz  | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 2586.95 MHz  | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 2609.6 MHz   | FX            | N0N                 | 5 W (ERP)        |                           |
| 2609.6 MHz   | FX            | N0N                 | 0.007 W (ERP)    |                           |

## Frequency Information

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| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2609.6 MHz    | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 2638.675 MHz  | FX            | N0N                 | 5 W (ERP)        |                           |
| 2638.675 MHz  | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 2638.675 MHz  | FX            | 25K0F3D             | 5 W (ERP)        |                           |
| 2655-2690 MHz | FX            | N0N<br>25K0F3D      | 5 W (ERP)        |                           |
| 2745.275 MHz  | FX            | N0N                 | 5 W (ERP)        |                           |
| 2745.275 MHz  | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 2768.6 MHz    | FX            | N0N                 | 5 W (ERP)        |                           |
| 2768.6 MHz    | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 2800.175 MHz  | FX            | N0N                 | 0.007 W (ERP)    |                           |

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Litchfield (HILLSBOROUGH), NH - NL 42-48-22; WL 71-25-33

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 2851.6 MHz      | FX            | N0N                 | 5 W (ERP)        |                           |
| 2851.6 MHz      | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 2856.2 MHz      | FX            | N0N                 | 5 W (ERP)        |                           |
| 2856.2 MHz      | FX            | N0N                 | 0.007 W (ERP)    |                           |
| 2900-3100 MHz   | FX            | N0N                 | 5 W (ERP)        |                           |
| 3100-4200 MHz   | FX            | N0N<br>25K0F3D      | 5 W (ERP)        |                           |
| 15150-15350 MHz | FX            | 21M4G7D<br>64M0G7D  | 50 W (ERP)       |                           |

MOBILE: East Rindge, New Hampshire, within 32 km, centered around NL 42-44-15; WL 71-57-59

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 14400-14830 MHz | MO            | 21M4G7D<br>64M0G7D  | 50 W (ERP)       |                           |

**Special Conditions:**

- (1) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to authorization with the HQ USAF Frequency Coordinator, Alexandria, VA., who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with the HQ USAF Frequency Coordinator, Alexandria, VA., as necessary to ensure compatibility with existing uses.
- (2) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, [executivedir@sbe.org](mailto:executivedir@sbe.org); information, [www.sbe.org](http://www.sbe.org).
- (3) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (6) The designated point-of-contact to terminate transmissions if interference occurs is Sean Hallinan (603) 361-5959, Richard C. Ball (603) 318-6913 and BAE Systems Emergency Services Center (603) 885-3842.
- (7) Maintain operation separation from grandfathered earth station as defined in Part 90 subpart Z, or coordinate an agreement with the grandfathered earth station licensees prior to operating in the 3650-3700 MHz band.
- (8) Licensee must coordinate with the local SBE representative before operating in the 25.670-26.480 MHz, 54-72 MHz, 76-88 MHz, 152.855-154 MHz, 157.45-161.575 MHz, 162.0125-173.200 MHz, 174-216 MHz, 470-806 MHz, and 941-960 MHz bands
- (9) Operation in the band 2500-2600 MHz requires consent of affected existing and future Broadband Radio Service/Educational Broadband Service (BRS/EBS) and point-to-point microwave licensee(s) to avoid interference.
- (10) Licensee should get consent from existing and future Advance Wireless Services licensees in the 1915-1920 MHz and the 1995-2000 MHz bands.
- (11) Operation is NOT ALLOWED to use the following frequency bands:
  - 239.0125-239.0375 MHz
  - 242.9875 - 243.0125 MHz
  - 254.25 - 255.4 MHz
  - 260.8875 - 260.9125 MHz
  - 263.05 - 263.1 MHz
  - 269.2875 - 269.3125 MHz
  - 273.4375 - 273.4625 MHz
  - 277.3875 - 277.4125 MHz
  - 279.5875 - 279.6125 MHz
  - 284.7375 - 284.7625 MHz
  - 307.8875 - 307.9125 MHz
- (12) Operation in the band 940.4-1200 MHz shall be restricted to the spot frequencies 942.275, 961.125, 980.350, 999.950, 1019.950, 1040.350, 1061.150, 1104.025, 1126.125, 1148.625, 1171.600 and 1195.050 MHz.

**Special Conditions:**

- (13) Operation is NOT PERMITTED to use the following frequency bands:
- 109.05 - 109.15 MHz
  - 109.35 - 109.45 MHz
  - 109.90 - 110.00 MHz
  - 110.55 - 110.65 MHz
  - 112.45 - 112.55 MHz
  - 112.85 - 112.95 MHz
  - 114.35 - 114.45 MHz
  - 116.45 - 116.55 MHz
  - 118.25 MHz
  - 118.50 MHz
  - 119.25 MHz
  - 119.55 MHz
- (14) Operation is NOT PERMITTED to use the following frequency bands:
- 15 - 15.01 MHz
  - 19.99 - 20.010 MHz
  - 24.99 - 25.010 MHz
  - 75.2-75.4 MHz
  - 137-137.1 MHz
  - 335.5-397.9 MHz
  - 406-406.1 MHz
  - 413.1125-414.6625 MHz
  - 608-614 MHz
  - 1390-1400 MHz
  - 1559-1610 MHz
- (15) Operation is NOT PERMITTED using the frequency 333.35 MHz. Licensee is used the frequency 333.95 MHz to replace 333.35 MHz.
- (16) Operation in the frequency band 108.5-117.975 MHz is authorized using only 0.1 Watt for the experiment.
- (17) Operation in the frequency band 164-173.4 MHz is authorized using the emission designator N0N and 11K0F3D only.
- (18) Operation is NOT permitted using the frequency band 120.1-121.9375 MHz, 123.5875 - 128.8125 MHz, 758-776 MHz and 788-806 MHz.
- (19) Use of the frequency bands 960-1400 MHz and 2700-2900 MHz under the authority of this assignment is subject to further coordination with the FAA New England coordinator, Burlington, Massachusetts, as necessary to ensure compatibility with existing uses.
- (20) Operation on this assignment is subject to immediate cessation if it causes harmful interference to FAA Air operations assignments.
- (21) Operation is NOT PERMITTED using the frequency bands:
- 132.025-134.075 MHz
  - 134.125-135.825 MHz
  - 135.875-135.925 MHz
  - 135.975-136.150 MHz
- (22) Operation the frequency band 2320-2345 MHz must obtain consent letter from SiriusXM prior to operations.

**Special Conditions:**

- (23) Operation is NOT PERMITTED using the following frequency bands:
  - M00108.650000 - M00108.750000
  - M00108.850000 - M00108.950000
  - M00109.650000 - M00110.150000
  - M00110.250000 - M00110.350000
  - M00110.450000 - M00110.550000
  - M00111.100000 - M00111.350000
  - M00111.650000 - M00111.750000
  - M00112.650000 - M00112.750000
- (24) Operation is NOT PERMITTED using any UHF Air Traffic Control Frequencies.
- (25) Licensee must coordinate with other users as necessary to minimize interference.
  
- (26) Renewal of this License is subject to prior coordination with AFTRCC Frequency Advisory.
- (27) The authorization SUPERSEDES the previous issued authorization with the same call sign and file number: admended FAA/AFTRCC conditions.