

**United States of America  
FEDERAL COMMUNICATIONS COMMISSION  
EXPERIMENTAL  
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WC9XVS

(Call Sign)

XC MO

(Class of Station)

0023-EX-ST-2007

(File Number)

NAME BAE SYSTEMS Information and Electronic Systems Integration Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

**Purpose Of Operation:**

See attached exhibit

**Station Locations**

- (1) MOBILE: Antenna 1, Icom Inc., around point below, Pope Technology park, Hudson, NH, within 5 km, centered around NL 42-42-17; WL 71-25-54
- (2) MOBILE: Antenna 5, Kenwood TK-2180K, around point below, Pope Technology park, Hudson, NH, within 5 km, centered around NL 42-42-17; WL 71-25-54
- (3) MOBILE: Antenna 6, Kenwood TK-5210K1, around point below, Pope Technology park, Hudson, NH, within 5 km, centered around NL 42-42-17; WL 71-25-54
- (4) MOBILE: Antenna 7, Kenwood TK-280, around point below, Pope Technology park, Hudson, NH, within 5 km, centered around NL 42-42-17; WL 71-25-54
- (5) MOBILE: Antenna 8 Vertex VX-510V, around point below, Pope Technology park, Hudson, NH, within 5 km, centered around NL 42-42-17; WL 71-25-54
- (6) MOBILE: Antenna 2, EF Johnson, around point below, Hudson, NH, within 5 km, centered around NL 42-42-17; WL 71-25-54
- (7) MOBILE: Antenna 3, Kenwood TK-480, around point below, Hudson, NH, within 5 km, centered around NL 42-42-17; WL 71-25-54
- (8) MOBILE: Antenna 4, Kenwood TK-5400, around point below, Hudson, NH, within 5 km, centered around NL 42-42-17; WL 71-25-54

This authorization effective March 01, 2007 and  
will expire 3:00 A.M. EST September 01, 2007

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

MOBILE: Antenna 1, Icom Inc., around point below, Pope Technology park, Hudson, NH, within 5 km, centered around NL 42-42-17; WL 71-25-54

| Frequency    | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|-------------------------------|------------------|---------------------------|
| 151.9775 MHz | MO            | 12K5F3E<br>25K0F3E<br>12K5F1E | 2.5 W (ERP)      |                           |
| 151.985 MHz  | MO            | 12K5F3E<br>25K0F3E<br>12K5F1E | 2.5 W (ERP)      |                           |
| 159.5625 MHz | MO            | 12K5F3E<br>25K0F3E<br>12K5F1E | 2.5 W (ERP)      |                           |
| 159.81 MHz   | MO            | 12K5F3E<br>25K0F3E<br>12K5F1E | 2.5 W (ERP)      |                           |

MOBILE: Antenna 5, Kenwood TK-2180K, around point below, Pope Technology park, Hudson, NH, within 5 km, centered around NL 42-42-17; WL 71-25-54

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 151.9775 MHz | MO            | 12K5F3E             | 2.5 W (ERP)      |                           |
| 151.985 MHz  | MO            | 12K5F3E             | 2.5 W (ERP)      |                           |

## Frequency Information

MOBILE: Antenna 5, Kenwood TK-2180K, around point below, Pope Technology park, Hudson, NH, within 5 km, centered around NL 42-42-17; WL 71-25-54

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 159.5625 MHz | MO            | 12K5F3E             | 2.5 W (ERP)      |                           |
| 159.81 MHz   | MO            | 12K5F3E             | 2.5 W (ERP)      |                           |

MOBILE: Antenna 6, Kenwood TK-5210K1, around point below, Pope Technology park, Hudson, NH, within 5 km, centered around NL 42-42-17; WL 71-25-54

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 151.9775 MHz | MO            | 12K5F3E             | 2.5 W (ERP)      |                           |
| 151.985 MHz  | MO            | 12K5F3E             | 2.5 W (ERP)      |                           |
| 159.5625 MHz | MO            | 12K5F3E             | 2.5 W (ERP)      |                           |
| 159.81 MHz   | MO            | 12K5F3E             | 2.5 W (ERP)      |                           |

MOBILE: Antenna 7, Kenwood TK-280, around point below, Pope Technology park, Hudson, NH, within 5 km, centered around NL 42-42-17; WL 71-25-54

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 151.9775 MHz | MO            | 12K5F3E             | 2.5 W (ERP)      |                           |

## Frequency Information

MOBILE: Antenna 7, Kenwood TK-280, around point below, Pope Technology park, Hudson, NH, within 5 km, centered around NL 42-42-17; WL 71-25-54

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 151.985 MHz  | MO            | 12K5F3E             | 2.5 W (ERP)      |                           |
| 159.5625 MHz | MO            | 12K5F3E             | 2.5 W (ERP)      |                           |
| 159.81 MHz   | MO            | 12K5F3E             | 2.5 W (ERP)      |                           |

MOBILE: Antenna 8 Vertex VX-510V, around point below, Pope Technology park, Hudson, NH, within 5 km, centered around NL 42-42-17; WL 71-25-54

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 151.9775 MHz | MO            | 12K5F3E             | 2.5 W (ERP)      |                           |
| 151.985 MHz  | MO            | 12K5F3E             | 2.5 W (ERP)      |                           |
| 159.5625 MHz | MO            | 12K5F3E             | 2.5 W (ERP)      |                           |
| 159.81 MHz   | MO            | 12K5F3E             | 2.5 W (ERP)      |                           |

MOBILE: Antenna 2, EF Johnson, around point below, Hudson, NH, within 5 km, centered around NL 42-42-17; WL 71-25-54

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 809.8375 MHz | MO            | 8K00F3E             | 1.5 W (ERP)      |                           |

## Frequency Information

MOBILE: Antenna 2, EF Johnson, around point below, Hudson, NH, within 5 km, centered around NL 42-42-17; WL 71-25-54

| Frequency    | Station Class | Emission Designator                      | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|------------------------------------------|------------------|---------------------------|
| 809.8375 MHz | MO            | 16K0F3E<br>8K00F1E<br>16K0F1E            | 1.5 W (ERP)      |                           |
| 854.8375 MHz | MO            | 8K00F3E<br>16K0F3E<br>8K00F1E<br>16K0F1E | 1.5 W (ERP)      |                           |

MOBILE: Antenna 3, Kenwood TK-480, around point below, Hudson, NH, within 5 km, centered around NL 42-42-17; WL 71-25-54

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 809.8375 MHz | MO            | 25K0F3E             | 1.5 W (ERP)      |                           |
| 854.8375 MHz | MO            | 25K0F3E             | 1.5 W (ERP)      |                           |

MOBILE: Antenna 4, Kenwood TK-5400, around point below, Hudson, NH, within 5 km, centered around NL 42-42-17; WL 71-25-54

| Frequency    | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|--------------|---------------|---------------------|------------------|---------------------------|
| 809.8375 MHz | MO            | 25K0F3E             | 1.5 W (ERP)      |                           |
| 854.8375 MHz | MO            | 25K0F3E             | 1.5 W (ERP)      |                           |