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# **Federal Communications Commission** **Wireless Telecommunications Bureau**

## **RADIO STATION AUTHORIZATION**

LICENSEE: FCI 900, INC.

ATTN: ROBIN J. COHEN  
 FCI 900, INC.  
 12502 SUNRISE VALLEY DRIVE, M/S: VARESA0209  
 RESTON, VA 20196

|                                                                |                    |
|----------------------------------------------------------------|--------------------|
| <b>Call Sign</b><br>WQHS935                                    | <b>File Number</b> |
| <b>Radio Service</b><br>YS - SMR, 896-901/935-940 MHz, Trunked |                    |
| <b>Regulatory Status</b><br>CMRS                               |                    |
| <b>Frequency Coordination Number</b>                           |                    |

**FCC Registration Number (FRN):** 0003294972

|                                 |                                     |                                      |                   |
|---------------------------------|-------------------------------------|--------------------------------------|-------------------|
| <b>Grant Date</b><br>10-29-2007 | <b>Effective Date</b><br>11-16-2010 | <b>Expiration Date</b><br>10-29-2017 | <b>Print Date</b> |
|---------------------------------|-------------------------------------|--------------------------------------|-------------------|

## **STATION TECHNICAL SPECIFICATIONS**

### **Fixed Location Address or Mobile Area of Operation**

**Loc. 1 Address:** 15 UNION HILL ROAD  
**City:** CONSHOHOCKEN **County:** MONTGOMERY **State:** PA  
**Lat (NAD83):** 40-04-06.0 N **Long (NAD83):** 075-19-32.0 W **ASR No.:** **Ground Elev:** 96.0  
**Loc. 2 Area of operation**  
 Operating within a 113.0 km radius around fixed location 1

### **Antennas**

| Loc No. | Ant No. | Frequencies (MHz) | Sta. Cls. | No. Units | No. Pagers | Emission Designator           | Output Power (watts) | ERP (watts) | Ant. Ht./Tp meters | Ant. AAT meters | Construct Deadline Date |
|---------|---------|-------------------|-----------|-----------|------------|-------------------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 1       | 1       | 000939.92500000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000939.50000000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |

### **Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

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#### Antennas

| Loc No. | Ant No. | Frequencies (MHz) | Sta. Cls. | No. Units | No. Pagers | Emission Designator           | Output Power (watts) | ERP (watts) | Ant. Ht./Tp meters | Ant. AAT meters | Construct Deadline Date |
|---------|---------|-------------------|-----------|-----------|------------|-------------------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 1       | 1       | 000939.63750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000939.66250000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000939.70000000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000939.71250000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000939.88750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000939.90000000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000939.91250000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000935.13750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000935.15000000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000935.38750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000935.40000000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |

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Antennas

| Loc No. | Ant No. | Frequencies (MHz) | Sta. Cls. | No. Units | No. Pagers | Emission Designator           | Output Power (watts) | ERP (watts) | Ant. Ht./Tp meters | Ant. AAT meters | Construct Deadline Date |
|---------|---------|-------------------|-----------|-----------|------------|-------------------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 1       | 1       | 000935.41250000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000935.42500000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000935.43750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000935.45000000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000935.46250000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000935.47500000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000935.48750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000935.50000000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000935.63750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000935.66250000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000935.67500000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |

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| Loc No. | Ant No. | Frequencies (MHz) | Sta. Cls. | No. Units | No. Pagers | Emission Designator           | Output Power (watts) | ERP (watts) | Ant. Ht./Tp meters | Ant. AAT meters | Construct Deadline Date |
|---------|---------|-------------------|-----------|-----------|------------|-------------------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 1       | 1       | 000935.70000000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000935.95000000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000939.21250000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000939.22500000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000939.38750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000939.40000000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000939.41250000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000939.42500000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000939.43750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000939.45000000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000939.46250000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |

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| Loc No. | Ant No. | Frequencies (MHz) | Sta. Cls. | No. Units | No. Pagers | Emission Designator           | Output Power (watts) | ERP (watts) | Ant. Ht./Tp meters | Ant. AAT meters | Construct Deadline Date |
|---------|---------|-------------------|-----------|-----------|------------|-------------------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 1       | 1       | 000939.47500000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000939.48750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000935.96250000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000936.13750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000936.23750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000936.25000000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000936.38750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000936.40000000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000936.41250000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000936.42500000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000936.65000000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |

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| Loc No. | Ant No. | Frequencies (MHz) | Sta. Cls. | No. Units | No. Pagers | Emission Designator           | Output Power (watts) | ERP (watts) | Ant. Ht./Tp meters | Ant. AAT meters | Construct Deadline Date |
|---------|---------|-------------------|-----------|-----------|------------|-------------------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 1       | 1       | 000936.68750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000936.71250000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000936.72500000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000936.75000000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000936.90000000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000936.96250000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000937.13750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000937.17500000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000937.18750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000937.21250000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000937.22500000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |

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|---------|---------|-------------------|-----------|-----------|------------|-------------------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 1       | 1       | 000937.23750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 125.000     | 34.1               | 52.7            |                         |
| 1       | 1       | 000937.66250000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000937.67500000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000937.70000000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000937.71250000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000937.72500000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000937.88750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000937.90000000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000937.92500000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000937.95000000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000938.13750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |

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|---------|---------|-------------------|-----------|-----------|------------|-------------------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 1       | 1       | 000938.15000000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000938.18750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000938.21250000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000938.22500000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000938.23750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000938.41250000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000938.42500000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000938.43750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000938.46250000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000938.47500000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000938.68750000   | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |



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|---------|---------|---------------------------------|-----------|-----------|------------|-------------------------------|----------------------|-------------|--------------------|-----------------|-------------------------|
| 1       | 1       | 000938.72500000                 | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000939.13750000                 | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000939.15000000                 | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 125.000     | 34.1               | 52.7            |                         |
| 1       | 1       | 000939.18750000                 | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 1       | 1       | 000939.20000000                 | FB2C      | 1         |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 70.000               | 1000.000    | 34.1               | 52.7            |                         |
| 2       | 1       | 000896.00000000-000901.00000000 | MO        | 5881      |            | 13K6F2D<br>13K6F3E<br>13K6W7W | 100.000              | 100.000     |                    |                 |                         |

**Control Points**

**Control Pt. No. 1**

**Address:** 2001 EDMUND HALLEY DRIVE

**City:** RESTON **County:** FAIRFAX **State:** VA **Telephone Number:** (703)433-4000

**Associated Call Signs**

<NA>

**Waivers/Conditions:**

NONE