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**Federal Communications Commission  
Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: UNION PACIFIC RAILROAD COMPANY

ATTN: THOMAS J MCGOVERN  
UNION PACIFIC RAILROAD COMPANY  
1400 DOUGLAS ST, STOP 0640  
OMAHA, NE 68179

|   |                                  |
|---|----------------------------------|
| <b>Call Sign</b><br>WPXG583   | <b>File Number</b><br>0010728671 |
| <b>Radio Service</b><br>IG - Industrial/Business Pool, Conventional |                                  |
| <b>Regulatory Status</b><br>PMRS                                    |                                  |
| <b>Frequency Coordination Number</b>                                |                                  |

FCC Registration Number (FRN): 0001539048

|                                 |                                     |                                      |                                 |
|---------------------------------|-------------------------------------|--------------------------------------|---------------------------------|
| <b>Grant Date</b><br>02-18-2023 | <b>Effective Date</b><br>10-12-2023 | <b>Expiration Date</b><br>03-31-2033 | <b>Print Date</b><br>10-12-2023 |
|---------------------------------|-------------------------------------|--------------------------------------|---------------------------------|

**STATION TECHNICAL SPECIFICATIONS**

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

- Loc. 1** Address: 420' S.W. OF 208 W. MAIN ST. OFFICE  
City: DUPO County: ST. CLAIR State: IL  
Lat (NAD83): 38-31-12.8 N Long (NAD83): 090-12-41.0 W ASR No.: Ground Elev: 122.0
- Loc. 2** Address: MP 3 NORTH DUPO YD  
City: DUPO County: ST. CLAIR State: IL  
Lat (NAD83): 38-33-29.3 N Long (NAD83): 090-11-07.6 W ASR No.: Ground Elev: 124.0
- Loc. 3** Address: 620' E OF S. 21ST ST. CROSSING  
City: ST. LOUIS County: ST. LOUIS State: MO  
Lat (NAD83): 38-37-27.1 N Long (NAD83): 090-12-36.1 W ASR No.: Ground Elev: 139.0
- Loc. 4** Address: NEAR CREW BUILDING # 3409  
City: ST. LOUIS County: ST. LOUIS State: MO  
Lat (NAD83): 38-36-26.3 N Long (NAD83): 090-11-39.4 W ASR No.: Ground Elev: 130.0
- Loc. 5** Address: S. OF COUNTY LINE NEAR CREW BLD 3409  
City: LEMAY County: ST. LOUIS State: MO  
Lat (NAD83): 38-32-01.8 N Long (NAD83): 090-15-50.6 W ASR No.: Ground Elev: 120.0
- Loc. 6** Area of operation  
Operating within a 13.0 km radius around fixed location 1
- Loc. 7** Area of operation  
Operating within a 13.0 km radius around fixed location 2

**Loc. 8. Area of operation  
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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Operating within a 8.0 km radius around fixed location 3

**Loc. 9 Area of operation**

Operating within a 8.0 km radius around fixed location 4

**Loc. 10 Area of operation**

Operating within a 8.0 km radius around fixed location 5

**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       | 000452.90000000   | FB2       | 1         |            | 10K8F1D             | 1.000                | 5.200       | 30.5               | 6.0             | 03-31-2004              |
| 1       | 1       | 000452.96250000   | FB2       | 1         |            | 10K8F1D             | 1.000                | 4.900       | 30.5               | 6.0             | 11-05-2004              |
| 2       | 1       | 000452.90000000   | FB2       | 1         |            | 10K8F1D             | 1.000                | 0.900       | 18.3               | -0.1            | 03-31-2004              |
| 2       | 1       | 000452.96250000   | FB2       | 1         |            | 10K8F1D             | 1.000                | 4.900       | 18.3               | -0.1            | 11-05-2004              |
| 3       | 1       | 000452.90000000   | FB2       | 1         |            | 10K8F1D             | 1.000                | 4.900       | 22.9               | 23.8            | 03-31-2004              |
| 3       | 1       | 000452.96250000   | FB2       | 1         |            | 10K8F1D             | 1.000                | 4.900       | 22.9               | 23.8            | 11-05-2004              |
| 4       | 1       | 000452.90000000   | FB2       | 1         |            | 10K8F1D             | 1.000                | 4.900       | 22.9               | 12.9            | 03-31-2004              |
| 4       | 1       | 000452.96250000   | FB2       | 1         |            | 10K8F1D             | 1.000                | 4.900       | 22.9               | 12.9            | 11-05-2004              |
| 5       | 1       | 000452.90000000   | FB2       | 1         |            | 10K8F1D             | 1.000                | 4.900       | 22.9               | 0.7             | 03-31-2004              |
| 5       | 1       | 000452.96250000   | FB2       | 1         |            | 10K8F1D             | 1.000                | 4.900       | 22.9               | 0.7             | 11-05-2004              |
| 6       | 1       | 000452.90000000   | MO        | 40        |            | 10K8F1D             | 1.000                | 1.000       |                    |                 | 03-31-2004              |
| 6       | 1       | 000457.90000000   | MO        | 40        |            | 10K8F1D             | 1.000                | 1.000       |                    |                 | 03-31-2004              |
| 6       | 1       | 000452.96250000   | MO        | 40        |            | 10K8F1D             | 1.000                | 1.000       |                    |                 | 11-05-2004              |
| 6       | 1       | 000457.96250000   | MO        | 40        |            | 10K8F1D             | 1.000                | 1.000       |                    |                 | 11-05-2004              |
| 7       | 1       | 000452.90000000   | MO        | 40        |            | 10K8F1D             | 1.000                | 1.000       |                    |                 | 03-31-2004              |
| 7       | 1       | 000457.90000000   | MO        | 40        |            | 10K8F1D             | 1.000                | 1.000       |                    |                 | 03-31-2004              |
| 7       | 1       | 000452.96250000   | MO        | 40        |            | 10K8F1D             | 1.000                | 1.000       |                    |                 | 11-05-2004              |

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|    |   |                 |    |    |         |       |       |            |
|----|---|-----------------|----|----|---------|-------|-------|------------|
| 7  | 1 | 000457.96250000 | MO | 40 | 10K8F1D | 1.000 | 1.000 | 11-05-2004 |
| 8  | 1 | 000452.90000000 | MO | 40 | 10K8F1D | 1.000 | 1.000 | 03-31-2004 |
| 8  | 1 | 000457.90000000 | MO | 40 | 10K8F1D | 1.000 | 1.000 | 03-31-2004 |
| 8  | 1 | 000452.96250000 | MO | 40 | 10K8F1D | 1.000 | 1.000 | 11-05-2004 |
| 8  | 1 | 000457.96250000 | MO | 40 | 10K8F1D | 1.000 | 1.000 | 11-05-2004 |
| 9  | 1 | 000457.90000000 | MO | 40 | 10K8F1D | 1.000 | 1.000 | 03-31-2004 |
| 9  | 1 | 000452.90000000 | MO | 40 | 10K8F1D | 1.000 | 1.000 | 03-31-2004 |
| 9  | 1 | 000452.96250000 | MO | 40 | 10K8F1D | 1.000 | 1.000 | 11-05-2004 |
| 9  | 1 | 000457.96250000 | MO | 40 | 10K8F1D | 1.000 | 1.000 | 11-05-2004 |
| 10 | 1 | 000452.90000000 | MO | 40 | 10K8F1D | 1.000 | 1.000 | 03-31-2004 |
| 10 | 1 | 000457.90000000 | MO | 40 | 10K8F1D | 1.000 | 1.000 | 03-31-2004 |
| 10 | 1 | 000452.96250000 | MO | 40 | 10K8F1D | 1.000 | 1.000 | 11-05-2004 |
| 10 | 1 | 000457.96250000 | MO | 40 | 10K8F1D | 1.000 | 1.000 | 11-05-2004 |

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**Control Points**

**Control Pt. No. 1**

**Address:** 201 S. 16th St. Suite 305

**City:** Omaha **County:** DOUGLAS **State:** NE **Telephone Number:** (402)280-6486

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**Associated Call Signs**

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<NA>

**Waivers/Conditions:**

NONE