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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: UNION PACIFIC RAILROAD COMPANY

UNION PACIFIC RAILROAD COMPANY
1400 DOUGLAS ST. STOP 0640
OMAHA, NE 68179

Table with 2 columns: Call Sign (WNGL277), File Number (0010777377), Radio Service (IG - Industrial/Business Pool, Conventional), Regulatory Status (PMRS), Frequency Coordination Number.

FCC Registration Number (FRN): 0001539048

Table with 4 columns: Grant Date (11-18-2023), Effective Date (11-18-2023), Expiration Date (12-29-2033), Print Date (11-18-2023).

STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1 Address: 5 EAST MARTIN LUTHER KING ST, City: MUSKOGEE, County: MUSKOGEE, State: OK, Lat (NAD83): 35-45-10.9 N, Long (NAD83): 095-21-54.7 W, ASR No.: 1059410, Ground Elev: 182.0
Loc. 2 Address: OK GAS & ELEC PLANT US HWY 62 4.3 MI NE, City: MUSKOGEE, County: MUSKOGEE, State: OK, Lat (NAD83): 35-45-23.4 N, Long (NAD83): 095-17-21.9 W, ASR No.: , Ground Elev: 159.0
Loc. 3 Address: MAIN & THIRD STS, City: WAGONER, County: WAGONER, State: OK, Lat (NAD83): 35-57-54.2 N, Long (NAD83): 095-23-07.9 W, ASR No.: 1212909, Ground Elev: 175.3
Loc. 4 Address: .75 MI N OF OLD HWY 412, City: GRAND RIVER, County: MAYES, State: OK, Lat (NAD83): 36-11-26.3 N, Long (NAD83): 095-17-22.9 W, ASR No.: , Ground Elev: 191.0
Loc. 5 Address: 6550 SO HWY 69, City: PRYOR, County: MAYES, State: OK, Lat (NAD83): 36-14-34.9 N, Long (NAD83): 095-20-15.3 W, ASR No.: 1289242, Ground Elev: 189.6
Loc. 6 Area of operation, Operating within a 30.0 km radius around 35-45-10.9 N, 095-21-54.7 W, MUSKOGEE, MUSKOGEE county, OK

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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Fixed Location Address or Mobile Area of Operation

Loc. 7 Area of operation

Operating within a 24.0 km radius around 35-57-54.2 N, 095-23-07.9 W, WAGONER, WAGONER county, OK

Loc. 8 Area of operation

Operating within a 24.0 km radius around 36-11-26.3 N, 095-17-22.9 W, GREEN RIVER, MAYES county, OK

Loc. 9 Area of operation

Operating within a 20.0 km radius around 36-14-36.0 N, 095-20-15.0 W, PRYOR, MAYES county, OK

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	000161.16000000	FB	1		11K2F3E 4K00F1E	40.000	112.000	12.0	21.0	
1	1	000160.68000000	FB	1		11K2F3E 4K00F1E	40.000	112.000	12.0	21.0	
1	2	000160.74000000	FB	1		11K2F3E 4K00F1E	25.000	25.000	23.0	29.0	
1	2	000160.47000000	FB	1		11K2F3E 4K00F1E	25.000	65.000	23.0	29.0	
1	2	000160.68000000	FB	1		11K2F3E 4K00F1E	25.000	65.000	23.0	29.0	
1	3	000160.68000000	FB	1		11K2F3E 4K00F1E	60.000	74.000	30.0	39.0	
1	3	000161.16000000	FB	1		11K2F3E 4K00F1E	60.000	74.000	30.0	39.0	
1	4	000160.29000000	FBC	1		11K2F3E 4K00F1E	60.000	156.000	52.0	58.0	
1	4	000161.22000000	FB	1		11K2F3E 4K00F1E	60.000	156.000	52.0	58.0	
1	4	000160.47000000	FBC	1		11K2F3E 4K00F1E	60.000	156.000	52.0	58.0	

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1	5	000160.41000000	FB	1		11K2F3E 4K00F1E	60.000	151.000	60.0	69.0	
1	5	000160.60500000	FBC	1		11K2F3E 4K00F1E	60.000	151.000	60.0	69.0	
1	1	000161.22000000	FB	1		11K2F3E 4K00F1E	40.000	112.000	12.0	21.0	10-22-2004
1	2	000161.22000000	FB	1		11K2F3E 4K00F1E	25.000	65.000	23.0	29.0	10-22-2004
1	2	000160.87500000	FB	1		11K2F3E 4K00F1E	25.000	65.000	23.0	29.0	08-12-2005
1	2	000161.16000000	FB	1		11K2F3E 4K00F1E	25.000	65.000	23.0	29.0	08-12-2005
1	3	000160.47000000	FB	1		11K2F3E 4K00F1E	60.000	74.000	30.0	39.0	08-12-2005
1	3	000160.74000000	FB	1		11K2F3E 4K00F1E	60.000	74.000	30.0	39.0	08-12-2005
1	3	000160.87500000	FB	1		11K2F3E 4K00F1E	60.000	74.000	30.0	39.0	08-12-2005
1	3	000161.22000000	FB	1		11K2F3E 4K00F1E	60.000	74.000	30.0	39.0	08-12-2005
2	1	000160.41000000	FB	1		11K2F3E 4K00F1E	25.000	17.000	14.0	-7.0	
2	1	000160.47000000	FB	1		11K2F3E 4K00F1E	25.000	17.000	14.0	-7.0	
2	1	000161.22000000	FB	1		11K2F3E 4K00F1E	25.000	17.000	14.0	-7.0	
3	1	000160.60500000	FB	1		11K2F3E 4K00F1E	45.000	97.000	19.0	25.9	

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3	1	000160.87500000	FB	1		11K2F3E 4K00F1E	45.000	97.000	19.0	25.9	
3	2	000161.22000000	FB	1		11K2F3E 4K00F1E	45.000	75.000	17.0	23.9	08-12-2005
4	1	000160.68000000	FB	1		11K2F3E 4K00F1E	45.000	106.000	32.0	24.0	
4	1	000161.55000000	FB	1		11K2F3E 4K00F1E	45.000	106.000	32.0	24.0	
5	1	000160.41000000	FB	1		11K2F3E 4K00F1E	40.000	107.000	18.0	5.0	
5	1	000160.87500000	FB	1		11K2F3E 4K00F1E	40.000	107.000	18.0	5.0	
5	1	000160.68000000	FB	1		11K2F3E 4K00F1E	40.000	107.000	18.0	5.0	
6	1	000161.02500000	MO	50		11K2F3E 4K00F1E	35.000	35.000			
6	1	000161.32500000	MO	50		11K2F3E 4K00F1E	35.000	35.000			
6	1	000161.52000000	MO	50		11K2F3E 4K00F1E	35.000	35.000			
6	1	000160.41000000	MO	25		11K2F3E 4K00F1E	35.000	35.000			04-14-2016
6	1	000160.47000000	MO	25		11K2F3E 4K00F1E	35.000	35.000			04-14-2016
6	1	000160.68000000	MO	25		11K2F3E 4K00F1E	35.000	35.000			04-14-2016
6	1	000160.87500000	MO	25		11K2F3E 4K00F1E	35.000	35.000			04-14-2016

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7	1	000160.60500000	MO	25		11K2F3E 4K00F1E	35.000	35.000			03-19-2002
8	1	000160.68000000	MO	25		11K2F3E	35.000	35.000			03-19-2002
8	1	000161.55000000	MO	25		11K2F3E	35.000	35.000			04-14-2016
9	1	000160.41000000	MO	25		11K2F3E 4K00F1E	35.000	35.000			04-14-2016
9	1	000160.68000000	MO	25		11K2F3E 4K00F1E	35.000	35.000			04-14-2016

**Control Points**

**Control Pt. No. 1**

Address: 1400 DOUGLAS ST. STOP 0640

City: OMAHA County: DOUGLAS State: NE Telephone Number: (402)544-6090

**Associated Call Signs**

KA2337, KAI655

TEST TEST TEST <NA>

**Waivers/Conditions:**

NONE