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Federal Communications Commission **Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: BNSF RAILWAY CO.

BNSF RAILWAY CO.
4515 KANSAS AVENUE
KANSAS CITY, KS 66106

Call Sign WQON691	File Number 0009731276
Radio Service IG - Industrial/Business Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0004772877

Grant Date 11-09-2021	Effective Date 11-09-2021	Expiration Date 11-30-2031	Print Date 11-10-2021
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 5** **Address:** 1525 WEST 24TH PLACE - TRIMMER TOWER
City: Tulsa **County:** TULSA **State:** OK
Lat (NAD83): 36-07-31.3 N **Long (NAD83):** 096-00-38.5 W **ASR No.:** N/A **Ground Elev:** 194.5
- Loc. 6** **Area of operation**
Operating within a 40.0 km radius around 36-07-31.4 N, 096-00-38.5 W,
TULSA, TULSA county, OK
- Loc. 7** **Address:** 2100 SOUTH UNION - MOW OFFICE
City: Tulsa **County:** TULSA **State:** OK
Lat (NAD83): 36-08-03.4 N **Long (NAD83):** 096-00-36.6 W **ASR No.:** N/A **Ground Elev:** 193.5
- Loc. 8** **Area of operation**
Operating within a 40.0 km radius around 36-08-03.4 N, 096-00-36.6 W,
TULSA, TULSA county, OK
- Loc. 9** **Address:** 2001 SOUTH UNION AVENUE
City: TULSA **County:** TULSA **State:** OK
Lat (NAD83): 36-08-03.7 N **Long (NAD83):** 096-00-34.9 W **ASR No.:** N/A **Ground Elev:** 196.6
- Loc. 10** **Area of operation**
Operating within a 40.0 km radius around 36-08-03.7 N, 096-00-34.9 W,
TULSA, TULSA 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.

Licensee Name: BNSF RAILWAY CO.

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File Number: 0009731276

Print Date: 11-10-2021

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
5	1	000160.41000000	FB	1		11K2F3E 4K00F1E	50.000	150.000	12.2	-14.4	11-30-2012
5	1	000160.50000000	FB	1		11K2F3E 4K00F1E	50.000	150.000	12.2	-14.4	11-30-2012
5	1	000160.78500000	FB	1		11K2F3E 4K00F1E	50.000	150.000	12.2	-14.4	11-30-2012
5	1	000160.86000000	FB	1		11K2F3E 4K00F1E	50.000	150.000	12.2	-14.4	11-30-2012
5	1	000160.80000000	FB	1		11K2F3E 4K00F1E	50.000	150.000	12.2	-14.4	11-30-2012
5	1	000160.98000000	FB	1		11K2F3E 4K00F1E	50.000	150.000	12.2	-14.4	11-30-2012
5	1	000161.04000000	FB	1		11K2F3E 4K00F1E	50.000	150.000	12.2	-14.4	11-30-2012
5	1	000161.49000000	FB	1		11K2F3E 4K00F1E	50.000	150.000	12.2	-14.4	11-30-2012
5	1	000161.43000000	FB	1		11K2F3E 4K00F1E	50.000	150.000	12.2	-14.4	11-30-2012
5	1	000161.41500000	FB	1		11K2F3E 4K00F1E	50.000	150.000	12.2	-14.4	11-30-2012
5	1	000161.25000000	FB	1		11K2F3E 4K00F1E	50.000	150.000	12.2	-14.4	11-30-2012
5	1	000161.10000000	FB	1		11K2F3E 4K00F1E	50.000	170.000	12.2	-14.4	11-30-2012
5	1	000161.16000000	FB	1		11K2F3E 4K00F1E	50.000	150.000	12.2	-14.4	11-30-2012
5	1	000161.01000000	FB	1		11K2F3E 4K00F1E	50.000	150.000	12.2	-14.4	11-30-2012

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5	1	000160.92000000	FB	1		11K2F3E 4K00F1E	50.000	150.000	12.2	-14.4	11-30-2012
5	1	000160.89000000	FB	1		11K2F3E 4K00F1E	50.000	150.000	12.2	-14.4	11-30-2012
5	1	000160.83000000	FB	1		11K2F3E 4K00F1E	50.000	150.000	12.2	-14.4	11-30-2012
5	1	000160.77000000	FB	1		11K2F3E 4K00F1E	50.000	150.000	12.2	-14.4	11-30-2012
5	1	000160.69500000	FB	1		11K2F3E 4K00F1E	50.000	150.000	12.2	-14.4	11-30-2012
5	1	000160.71000000	FB	1		11K2F3E 4K00F1E	50.000	150.000	12.2	-14.4	11-30-2012
5	1	000161.23500000	FB	1		11K2F3E 4K00F1E	50.000	150.000	12.2	-14.4	07-12-2017
5	1	000161.35500000	FB	1		11K2F3E 4K00F1E	50.000	150.000	12.2	-14.4	07-12-2017
5	3	000160.72500000	FB	1		11K2F3E 4K00F1E	45.000	135.000	18.3	-8.3	09-17-2019
5	3	000160.86000000	FB	1		11K2F3E 4K00F1E	45.000	135.000	18.3	-8.3	09-17-2019
5	3	000160.98000000	FB	1		11K2F3E 4K00F1E	45.000	135.000	18.3	-8.3	09-17-2019
5	4	000160.57500000	FB2	1		11K2F3E	45.000	135.000	18.3	-8.3	11-27-2019
6	1	000160.41000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012
6	1	000160.50000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012
6	1	000160.80000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012

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6	1	000161.43000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012
6	1	000161.41500000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012
6	1	000161.25000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012
6	1	000161.10000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012
6	1	000161.16000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012
6	1	000161.04000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012
6	1	000161.01000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012
6	1	000160.98000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012
6	1	000160.92000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012
6	1	000160.89000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012
6	1	000160.71000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012
6	1	000160.78500000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012
6	1	000160.83000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012
6	1	000160.86000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012

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6	1	000160.77000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012
6	1	000160.69500000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012
6	1	000160.50000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			07-12-2017
6	1	000160.83000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			07-12-2017
6	1	000160.57500000	MO	25		11K2F3E 4K00F1E	50.000	50.000			07-12-2017
6	1	000160.72500000	MO	25		11K2F3E 4K00F1E	50.000	50.000			09-17-2019
6	1	000161.49000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-27-2019
7	1	000160.77000000	FB	1		11K2F3E 4K00F1E	50.000	80.000	5.2	-20.0	11-30-2012
7	1	000161.04000000	FB	1		11K2F3E 4K00F1E	50.000	80.000	5.2	-20.0	11-30-2012
7	1	000161.10000000	FB	1		11K2F3E 4K00F1E	50.000	80.000	5.2	-20.0	11-30-2012
7	1	000161.01000000	FB	1		11K2F3E 4K00F1E	50.000	80.000	5.2	-20.0	11-30-2012
7	1	000160.92000000	FB	1		11K2F3E 4K00F1E	50.000	80.000	5.2	-20.0	11-30-2012
7	1	000161.43000000	FB	1		11K2F3E 4K00F1E	50.000	80.000	5.2	-20.0	06-20-2018
8	1	000161.01000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012

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8	1	000161.04000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012
8	1	000161.10000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012
8	1	000160.92000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012
8	1	000160.77000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012
8	1	000161.43000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			11-30-2012
9	1	000160.89000000	FB	1		11K2F3E 4K00F1E	45.000	130.000	24.4	3.0	09-17-2019
9	1	000161.53500000	FB	1		11K2F3E 4K00F1E	45.000	130.000	24.4	3.0	09-17-2019
9	2	000160.80000000	FB	1		11K2F3E 4K00F1E	45.000	135.000	18.3	-3.0	09-17-2019
9	2	000161.41500000	FB	1		11K2F3E 4K00F1E	45.000	135.000	18.3	-3.0	09-17-2019
10	1	000160.89000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			09-17-2019
10	1	000161.53500000	MO	25		11K2F3E 4K00F1E	50.000	50.000			09-17-2019
10	1	000160.80000000	MO	25		11K2F3E 4K00F1E	50.000	50.000			09-17-2019
10	1	000161.41500000	MO	25		11K2F3E 4K00F1E	50.000	50.000			09-17-2019

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Control Points

Control Pt. No. 1

Address: 4515 Kansas Ave

City: Kansas City **County:** WYANDOTTE **State:** KS **Telephone Number:** (913)551-4639

Associated Call Signs

WPSF971

<NA>

Waivers/Conditions:

NONE