

# Federal Communications Commission

## AM STATION LICENSE

**Licensee/Permittee**

James River Broadcasting  
Company  
4903 River Crest Road  
Grand Forks, ND, 58201

**Call Sign**

KGFX

**Facility ID**

30209

<b>File Number</b> 0000219110	<b>This License Modifies License No.</b> BL-19981023AA		
<b>Filing Date</b> 08/09/2023	<b>Grant Date</b> 12/29/2023	<b>Expiration Date</b> 04/01/2029	
<b>Description Text</b> MOM proof of performance.			
<b>Community of License</b>  <b>City:</b> Pierre <b>State:</b> SD	<b>Frequency (KHz)</b> 1060	<b>Station Class</b> B	<b>Service Type</b> Main
<b>Facility Type</b> Commercial			
<b>Hours of Operation</b> Daytime Nighttime			
<b>Station Antenna Modes/Antenna Types</b> Daytime: Directional Nighttime: Directional			

**Average Hours of Sunrise and Sunset**

Local Standard Time (Non-Advanced)

Month	Sunrise	Sunset
January	8:15	17:30
February	7:45	18:15
March	7:00	18:45
April	6:00	19:30
May	5:15	20:00
June	5:00	20:30
July	5:15	20:30
August	5:45	19:45
September	6:15	19:00
October	7:00	18:00
November	7:30	17:15
December	8:15	17:00

**Transmitter**

Type Accepted. See Sections 73.1660, 73.1665, and 73.1670 of the Commission's Rules

## Antenna Mode: Daytime

Antenna Type: Directional

<b>Antenna Coordinates (NAD 83)</b>  <b>Latitude</b> 44° 17' 11.9" N  <b>Longitude</b> 100° 20' 19.5" W	<b>Nominal Power (kW)</b> 10.000  <b>Antenna Input Power (kW)</b> 10.530  <b>Current (Amperes)</b> 14.5  <b>Resistance (Ohms)</b> 50																					
<b>Antenna Structure Registration Number(s)</b> <table border="1"><thead><tr><th>Tower No.</th><th>ASRN</th><th>Overall Height (m)</th></tr></thead><tbody><tr><td>1</td><td>1042332</td><td>71.9</td></tr><tr><td>2</td><td>1042333</td><td>71.9</td></tr></tbody></table>		Tower No.	ASRN	Overall Height (m)	1	1042332	71.9	2	1042333	71.9												
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**Augmentation Parameters**

<b>Aug. No.</b>	<b>Central Azimuth (Deg. T)</b>	<b>Span (Deg.)</b>	<b>Radiation at Central Azimuth (mV/m @ 1 km)</b>
1	40.0	20.0	1315.90
2	40.0	80.0	1158.73
3	104.0	28.0	321.87
4	118.0	22.0	212.43
5	129.0	22.0	225.31
6	151.0	22.0	225.31
7	162.0	22.0	212.43
8	178.0	32.0	335.82
9	195.0	30.0	544.57

**Monitoring Points**

<b>Radial (Deg. T)</b>	<b>Distance From Transmitter (km)</b>	<b>Maximum Field Strength (mV/m)</b>
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**Operating Parameters**

<b>Tower</b>	<b>Antenna monitor current sample or voltage sample ratio</b>	<b>Antenna monitor phase indication (degree)</b>
1	0.837	91.7
2	1.0	0

## Antenna Mode: Nighttime

Antenna Type: Directional

<b>Antenna Coordinates (NAD 83)</b>  <b>Latitude</b> 44° 17' 11.9" N  <b>Longitude</b> 100° 20' 19.5" W	<b>Nominal Power (kW)</b> 1.000  <b>Antenna Input Power (kW)</b> 1.080  <b>Current (Amperes)</b> 4.65  <b>Resistance (Ohms)</b> 50																																			
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**Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)**

Tower No.	Tower Type	A	B	C	D
1	Neither				
2	Neither				
3	Neither				
4	Neither				

**Augmentation Parameters**

Aug. No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	103.0	20.0	33.80
2	116.5	10.0	23.40
3	250.0	10.0	288.07
4	300.0	10.0	278.42
5	314.0	10.0	66.80

**Monitoring Points**

Radial (Deg. T)	Distance From Transmitter (km)	Maximum Field Strength (mV/m)
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**Operating Parameters**

Tower	Antenna monitor current sample or voltage sample ratio	Antenna monitor phase indication (degree)
1	.923	119
2	1	0
3	.805	134.7
4	.908	15.4

## Special operating conditions or restrictions

The permittee /licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

- Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 70.7 meters in length except where terminated by property boundaries or where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers, plus 120 interspersed radials 15.2 meters in length about the base of each tower.

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.