

AM BROADCAST STATION LICENSE

LICENSEE: New Directions Media, Inc.

1. Community of License . . .	: Brush, Colorado	3. Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's rules)
2. Transmitter location.	: 6 km northeast of Brush adjacent to County Rd 71	4. Main Studio Location: (See Section 73.1125) 231 Main Street Ft. Morgan, CO
North Latitude.	: 40° 18' 50"	5. Remote control location 231 Main Street Ft. Morgan, CO
West Longitude	: 103° 35' 30"	

6. Antenna and ground system: Attached

7. Obstruction marking and lighting specifications - FCC Form 715, paragraphs: None required.

8. Frequency. : 1010 kHz

9. Nominal power (kW). : 25.0 Day 0.28 Night

Antenna input power (kW) :

26.325 Day	<input type="checkbox"/> Non-directional antenna	: current	23.05 amperes:	resistance	49.4 ohms.
	<input checked="" type="checkbox"/> Directional antenna	:			

0.302 Night	<input type="checkbox"/> Non-directional antenna	: current	2.47 amperes:	resistance	49.4 ohms.
	<input checked="" type="checkbox"/> Directional antenna	:			

10. Hours of operation : BL-781129AG

11. Conditions. :

Subject to the provisions of the Communications Act of 1934, as amended, subsequent Acts, Treaties, and Commission rules made thereunder, and further subject to conditions set forth in this license,¹ the LICENSEE is hereby authorized to use and operate the radio transmitting apparatus herein described for the purpose of broadcasting for the term ending 3 A.M. Local Time

April 1, 1997

The Commission reserves the right during said license period of terminating this license or making effective any change, or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period.

The license is issued on the licensee's representation that the statements contained in the 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, as amended. This license is subject to the right of control by the Government of the United States conferred by section 606 of the Communications Act of 1934, as amended.

EAL:rao

FEDERAL
COMMUNICATIONS
COMMISSION



¹ This license consists of this page and pages

Dated:

OCT 16 1996

File No.: BL-951215AD

Call Sign: KSIR

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

No. and Type of Elements: Two (2), guyed, uniform cross section, series excited towers top loaded with 20 m top guy wires. Theoretical RMS: 1420.91 mV/m/km, day; 150.38 mV/m/km, night. Standard RMS: 1491.96 mV/m/km, day; 157.89 mV/m/km, night. Q = 50, day; 10, night.

Height above Insulators: 58 meters (70.2° + 30°TL)

Overall Height: 59 m

Spacing and Orientation: With tower #1 as reference tower #2(NW) is spaced 175.0° (144.4 m) on a line bearing 348°T.

Non-Directional Antenna: N/A

Ground System consists of 120 equally spaced buried copper radials about the base of each tower 74 meters in length except where extended to common strap plus 120 interspersed radials 15.0 meters in length about the base of each tower.

2. THEORETICAL SPECIFICATIONS

	Tower	#1(S)	#2(N)
Phasing:			
	Day & Night	0°	20°
Field Ratio:			
	Day & Night	1.0	0.9

3. OPERATING SPECIFICATIONS

Phase Indication*:			
	Day & Night	0°	19.8°

Antenna Base

Current Ratio:			
	Night:	1.0	0.917
	Day:	1.0	0.919

Antenna Monitor Sample

Current Ratio:			
	Day & Night:	1.0	1.12

* As indicated by Gorman Redlich CMR Type 3-242 Antenna Monitor.
Antenna sampling system approved under Section 73.68 (b) of the Rules.

DESCRIPTION OF AND FIELD INTENSITY MEASURED AT MONITORING POINTS:

Direction of 12° True North. From the KSIR transmitter drive way turn right (north) onto Colorado Highway # 71 and proceed 2.31 km (1.44 miles) to County Road X. Turn right (east) on County Road X and proceed 1.22 km (0.75 mile) to an unmarked dirt road. Turn left (north) on this unmarked dirt road and proceed 1.09 km (0.68 mile) to the Monitor Point. Monitor Point #1 is located along the east side of the dirt road and marked by a green steel post with white bands at the top. Distance from antenna 3.5 km. The field intensity measured at this point should exceed 20 mV/m, day.

Direction 168° True North. From the KSIR transmitter drive way turn left (south) onto Colorado Highway #71 and proceed 2.53 km (1.57 miles) to where Highway #71 turns west. Turn left (east) on the unnamed gravel road and proceed ahead 0.80 km (0.5 miles) to County Road #30. At County Road #30 turn right (south) and proceed 0.67 km (0.41 mile) to Monitor Point #2. Monitor Point #2 is at green post along the side of the road opposite several white farm buildings. Distance from antenna 3.3 km. The field intensity measured at this should not exceed 159.5 mV/m, day.

Direction of 324° True North. From the KSIR transmitter drive way turn right (north) onto Colorado Highway #71 and proceed to Morgan County Road W.5 1.53 km (0.95 mile). Turn left (west) onto Morgan County Road W.5 and proceed 1.23 km (0.76 miles) to Morgan County Road 28.5. Turning right (north) on Morgan County Road 28.5 proceed ahead 2.48 km (1.54 miles) to Morgan County Road Y. Turn left (west) on Morgan County Road Y and proceed 1.13 km (0.7 mile). (Park in the farm house driveway). Monitor Point #3 is located near the old farm building and marked by a road steel post topped with a white band. Distance from antenna 4.8 km. The field intensity measured at this point should not exceed 19.8 mV/m, day.