



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

SMG-SPOKANE, LLC
2448 E. 81ST STREET
SUITE 5500
TULSA OK 74137

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 11234

Call Sign: KGA

License File Number: BL-20100527AGH

Grant Date: February 18, 2011

This license expires 3:00 a.m.
local time, February 01, 2014.

This license covers permit no.: BP-20070905AAK as modified by
BMP-20100408ABL

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.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

Jan.	7:30 AM	4:30 PM	Jul.	4:00 AM	7:45 PM
Feb.	7:00 AM	5:15 PM	Aug.	4:45 AM	7:00 PM
Mar.	6:00 AM	6:00 PM	Sep.	5:30 AM	6:00 PM
Apr.	5:00 AM	6:45 PM	Oct.	6:00 AM	5:00 PM
May	4:15 AM	7:15 PM	Nov.	7:00 AM	4:15 PM
Jun.	3:45 AM	7:45 PM	Dec.	7:30 AM	4:00 PM

Name of Licensee: SMG-SPOKANE, LLC

Station Location: SPOKANE, WA

Frequency (kHz): 1510

Station Class: B

Antenna Coordinates:

Day

Latitude: N 47 Deg 30 Min 08 Sec

Longitude: W 117 Deg 23 Min 06 Sec

Night

Latitude: N 47 Deg 30 Min 08 Sec

Longitude: W 117 Deg 23 Min 06 Sec

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

Nominal Power (kW): Day: 50.0 Night: 15.0

Antenna Input Power (kW): Day: 52.7 Night: 15.8

Antenna Mode: Day: DA Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 32.45 Night: 17.8

Resistance (ohms): Day: 50 Night: 50

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1008299	
2	1008298	

Night:

Tower No.	ASRN	Overall Height (m)
1	1008299	
2	1008294	
3	1008298	
4	1008297	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 3065.33 Night: 1512.2

Standard RMS (mV/m/km): Day: 3219.59

Augmented RMS (mV/m/km): Night: 1591.6

Q Factor: Day: 76.21 Night:

Theoretical Parameters:

Day Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	224.8
2	0.2500	-100.000	153.9000	15.200	0	165.7

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	224.8
2	1.1420	105.800	92.6000	126.000	0	179.5
3	0.1380	34.700	153.9000	15.200	0	165.7
4	0.3440	45.600	178.5000	194.500	0	165.7

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Augmentation Parameters:

Aug No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	78.5	50.0	463.20
2	121.0	30.0	75.60

Day Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	-100	0.31

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1

Night Directional Operation:

Twr. Phase No. (Deg.)	Antenna Monitor Sample Current Ratio
2 100.3	1.54
3 18.1	0.244
4 -119	0.493

Antenna Monitor: POTOMAC INSTRUMENTS 1901

Sampling System Approved Under Section 73.68 of the Rules.

Monitoring Points:

Day Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
15	3.83	388
136.5	3.12	407.8
254	7.08	115

Night Operation:

Radial (Deg. T)	Distance From Transmitter (kM)	Maximum Field Strength (mV/m)
78.5	3.07	62.4
121	2.93	21.6
186.5	3.09	104.4

Special operating conditions or restrictions:

- 1 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.
- 2 Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 95 meters except for 79 meters Tower #2 radials in length and 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 interspersed between longer radials about the base of each tower.

Special operating conditions or restrictions:

3 Location of Monitor Points:

Daytime:

Direction of 15° true North. Proceed on 195 to Stentz Rd. Turn left (east) on Stentz road and enter "The Ridge at Hangman" housing development. Follow the main road to Wildflower St. and turn left onto Wildflower Street. Take Wildflower to Fairway Ridge Street and travel along Fairway Ridge for 0.5 km (0.3 miles) turning east into a circular paved area. The monitor point is located 64 paces north of the rock pillar from the north side of the circular paved area, on the northeast corner of the south elevated Tee Box of the gulf course. A sign on hole #5, 605 yard par 5 further identifies the location.

Direction of 136.5° true North. Proceed on Cameron Road to Highway 195. Cross Highway 195 and continue east on Spangle Creek Road. (Cameron Road turns into Spangle Creek Road on the east side of Highway 195.) From the intersection of Hwy 195, travel along Spangle Creek Rd. for 4.2 km (2.6 miles) and stop. The point is located 40 paces south from the large tree, on along the fence on the east edge side of Spangle Creek Rd. The monitor point is further identified by another single large tree due east of the point.

Direction of 254° true North. The monitor point is located 6 paces west of the west edge of Short Road and 10 paces south of the driveway of 290 Short Road.

4 Location of Monitor Points:

Nighttime:

Direction of 78.5° true North. Leaving the transmitter building go west on E. Stutler Rd. to HWY 195. Go 3 km south on HWY 195 to E. Smythe Rd. Go 1.8 km east on E. Smythe Rd. to S. Spangle Creek Rd. Go 1.25 km east on S. Spangle Creek Road to E. Spangle Creek Rd. Go 3.7 km on E. Spangle Creek Rd to S. Valley Chapel Rd. The point is 1.04 km north on the west side of S. Valley Chapel Rd., 160 meters south of the south end of the Hangman Creek Bridge. Coordinates: 47°30'28.0"N, 117°20'43.3"W(NAD27)

Direction of 121° true North. Leaving the transmitter building go west on E. Stutler Rd. to HWY 195. Go 3 km south on HWY 195 to E. Smythe Rd. Go 1.8 km east on E. Smythe Rd. to S. Spangle Creek Rd. Go 1.25 km east on S. Spangle Creek Road to E. Spangle Creek Rd. Go 3.7 km on E. Spangle Creek Rd to S. Valley Chapel Rd. The point is 2.2 km north on the west side of E. Spangle Creek Rd., 40 meters north of Victor Lane. Coordinates: 47°29'19.5"N, 117°21'07.1"W(NAD27)

Direction of 186.5° true North. Leaving the transmitter building go west on E. Stutler Rd. to HWY 195. Go 3 km south on HWY 195 to E. Smythe Rd. The point is 0.8 km east on the south side of E. Smythe Rd., 60 meters east of the gated ranch entrance on the south side of the road. Coordinates: 47°28'28.5"N, 117°23'27.2" (NAD27)

*** END OF AUTHORIZATION ***