Federal Communications Commission

AM BROADCAST STATION CONSTRUCTION PERMIT

Licensee/Permittee
theDove Media,
Inc.
2070 Milligan Way
Medford, OR, 97504

Call Sign	Facility ID
KDSO	17468

File Number	This Permit Modifies License File No.	
BP-20230623AAC	BZ-20100722HYW	
Filing Date	**Grant Date**	**Expiration Date**
12/07/2023	12/12/2023	36 months after the grant date

Description Text
Permit to decrease daytime power to 5 kW with no change to licensed nighttime antenna system.

Community of License	Frequency (KHz)	Station Class	Service Type
City: Phoenix **State:** OR	1300	B	Main

Facility Type
Commercial

Hours of Operation
Daytime
Nighttime

Station Antenna Modes/Antenna Types
Daytime: Non-Directional
Nighttime: Directional

Average Hours of Sunrise and Sunset
Local Standard Time (Non-Advanced)

Month	Sunrise	Sunset
January	7:45	17:00
February	7:15	17:45
March	6:30	18:15
April	5:30	18:45
May	4:45	19:30
June	4:30	19:45
July	4:45	19:45
August	5:15	19:15
September	5:45	18:30
October	6:30	17:30
November	7:00	16:45
December	7:30	16:45

Transmitter

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

Antenna Mode: Daytime

Antenna Type: Non-Directional

Antenna Coordinates (NAD 83)

Latitude
42° 17' 43.5" N

Longitude
122° 48' 19.1" W

Nominal Power (kW)
5.0

Antenna Structure Registration Number(s)

Tower No.	ASRN	Overall Height *(m)*
1	1031021	123.8

Radiator Height
121.95 *meters*
190.4 *degrees*

Theoretical Efficiency
395 *mV/m/kw at 1 km*

Theoretical Parameters

Tower No.	Field Ratio	Phasing *(deg.)*	Spacing *(deg.)*	Orientation *(deg.)*	Tower Ref. Switch*	Height *(deg.)*
1	1	0	0	0	0	190.4

** Tower Reference Switch*

0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)

Tower No.	Tower Type	A	B	C	D
1	Neither				

Antenna Mode: Nighttime

Antenna Type: Directional

Antenna Coordinates (NAD 83)

Latitude
42° 17' 43.5" N

Longitude
122° 48' 19.1" W

Nominal Power (kW)
5.0

Antenna Structure Registration Number(s)

Tower No.	ASRN	Overall Height *(m)*
1	1031021	123.8
2		58.5
3		58.4

Description of Nighttime Directional Antenna System

Theoretical RMS *(mV/m/km)*	Standard RMS *(mV/m/km)*	Augmented RMS *(mV/m/km)*	Q Factor
842.97	885.63		28.75

Theoretical Parameters

Tower No.	Field Ratio	Phasing *(deg.)*	Spacing *(deg.)*	Orientation *(deg.)*	Tower Ref. Switch*	Height *(deg.)*
1	1	0	0	0	0	190.4
2	0.465	136.8	88.6	75.1	0	89.9
3	0.444	-133.9	84.6	251.8	0	89.9

** Tower Reference Switch*

0 = Spacing and orientation from reference tower
1 = Spacing and orientation from previous tower

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73.160)

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

Inverse Distance Field Strength

The inverse distance field strength at a distance of one kilometer from the above antenna in the directions specified shall not exceed the following values:

Azimuth *(deg.)*	**Radiation** *(mV/m/km)*

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, each 57.9 meters in length except 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, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Pursuant to Section 73.3598, this Construction Permit will be subject to automatic forfeiture unless construction is complete and application for license is filed prior to expiration.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.