



United States of America
FEDERAL COMMUNICATIONS COMMISSION
LOW POWER TELEVISION/TELEVISION TRANSLATOR
BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

Outside Waves LLC
5720 Flatiron Parkway
Suite 100
Boulder CO 80301

Facility Id: 67433

Keith A. Larson
Chief, LPTV Branch
Video Division
Media Bureau

Grant Date: November 22, 1991

This permit expires 3:00 a.m.
local time, May 22, 1993.

Call Sign: K28HI-D

Permit File Number: BMPTT-19910503CW

This Permit Modifies Permit No.: BMPTT-19890310WM

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.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

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

Name of Permittee: Outside Waves LLC

Station Location: CO-REDCLIFF

Frequency (MHz): 500 - 506

Offset: NONE

Channel: 19

Hours of Operation: Unlimited

Transmitter: Type Accepted. See Sections 74.750 of the Commission's Rules.

Antenna type: (directional or non-directional): Directional

Description: SCA ODD910503CW

Major lobe directions 40 315
(degrees true):

Beam Tilt: Not Applicable

Antenna Coordinates: North Latitude: 39 deg 30 min 36 sec
 West Longitude: 106 deg 22 min 09 sec

Maximum Effective Radiated Power (ERP) Towards Radio Horizon: 0.217 kW

Maximum ERP in any Horizontal and Vertical Angle: 0.217 kW

Height of radiation center above ground: 17 Meters

Height of radiation center above mean sea level: 2455 Meters

Antenna structure registration number: None

Overall height of antenna structure above ground: 18 Meters

Special operating conditions or restrictions:

- 1 Your construction permit application did not identify the name, address and telephone number of a person who may be contacted in an emergency to suspend operation of this station, should such action be deemed necessary by the Commission. You are directed to provide this information along with your license application on FCC Form 347.

*** END OF AUTHORIZATION ***