



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: May 31, 1988

This permit expires 3:00 a.m.
local time, November 30, 1989.

Call Sign: K28HI-D

Permit File Number: BPTT-19870702WT

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-AVON

Frequency (MHz): 500 - 506

Offset: NONE

Channel: 19

Hours of Operation: Unlimited

Callsign: K28HI-D

Permit No.: BPTT-19870702WT

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

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

Description: SCA PR-

Major lobe directions 100
(degrees true):

Beam Tilt: Not Applicable

Antenna Coordinates: North Latitude: 39 deg 39 min 20 sec

West Longitude: 106 deg 40 min 39 sec

Maximum Effective Radiated Power (ERP) Towards Radio Horizon: 4.4 kW

Maximum ERP in any Horizontal and Vertical Angle: 4.4 kW

Height of radiation center above ground: 9 Meters

Height of radiation center above mean sea level: 840 Meters

Antenna structure registration number: None

Overall height of antenna structure above ground: 24 Meters

*** END OF AUTHORIZATION ***