



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

NEW WAVO COMMUNICATION GROUP, INC.
14887 HIGHWAY 105 WEST
SUITE 101
MONTGOMERY TX 77356

Arthur E. Doak
Senior Engineer
Audio Division
Media Bureau

Facility ID: 26858

Grant Date: April 10, 2017

Call Sign: KVST

The authority granted herein has
no effect on the expiration date
of the underlying construction
permit.

Permit File Number: BMPH-20161021ABL

This permit modifies Permit No.: BPH-20140702ABY
as modified by Permit No.: BMPH-20151229ADK

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: NEW WAVO COMMUNICATION GROUP, INC.

Station Location: TX-HUNTSVILLE

Frequency (MHz): 99.7

Channel: 259

Class: C3

Hours of Operation:Unlimited

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

Transmitter output power: As required to achieve authorized ERP.

Antenna type:Directional

Antenna Coordinates: North Latitude: 30 deg 36 min 03 sec
West Longitude: 95 deg 29 min 02 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	10.5	10.5
Height of radiation center above ground (Meters):	142	142
Height of radiation center above mean sea level (Meters):	255	255
Height of radiation center above average terrain (Meters):	155	155

Antenna structure registration number: 1293949

Overall height of antenna structure above ground (including obstruction lighting if any) see the registration for this antenna structure.

Special operating conditions or restrictions:

- 1 ***** This is a Section 73.215 contour protection grant *****
***** as requested by this applicant *****
- 2 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 the FCC guidelines.

Special operating conditions or restrictions:

- 3 Upon commencement of program tests in accordance with 47 C.F.R. § 73.1620, the licensee must cease use of the auxiliary facility authorized by BXLH-20070823ADQ due to a violation of 47 C.F.R. § 73.1675(a)(1). Alternatively, the licensee may seek modification of the auxiliary facility in accordance with § 73.1675(c)(1) to bring it into compliance with § 73.1675(a)(1). Documentation of compliance with this condition must be submitted with the FCC Form 302-FM, application for license.
- 4 Program tests for KVST(FM) will not commence on Channel 259C3 in Huntsville, Texas until program tests for KAFR(FM), Facility ID No. 81300, commence on Channel 202C1 in Willis, Texas. Furthermore, a license will not be granted to KVST on Channel 259C3 in Huntsville, Texas until a license is granted to KAFR on Channel 202C1 in Willis, Texas.
- 5 BEFORE PROGRAM TESTS ARE AUTHORIZED, the permittee must submit the results of a complete proof-of-performance to establish the horizontal plane radiation pattern for the vertically polarized only radiation component. This proof-of-performance may be accomplished using the complete full size antenna, or individual bays therefrom, mounted on a supporting structure of identical dimensions and configuration as the proposed structure, including all braces, ladders, conduits, coaxial lines, and other appurtenances; or using a carefully manufactured scale model of the entire antenna, or individual bays therefrom, mounted on an equally scaled model of the proposed supporting structure, including all appurtenances. Engineering exhibits must include a description of the antenna testing facilities and equipment employed, including appropriate photographs or sketches and a description of the testing procedures, including scale factor, measurements frequency, and equipment calibration.
- 6 BEFORE PROGRAM TESTS ARE AUTHORIZED, the permittee must submit a certification executed by a licensed surveyor showing that the FM directional antenna system has been oriented at the azimuth(s) specified in the directional antenna proof of performance. This certification must include a description of the method used by the surveyor to determine the azimuth(s) of the installed directional antenna system and the accuracy of that determination.
- 7 BEFORE PROGRAM TESTS ARE AUTHORIZED, the permittee must submit an affidavit that the installation of the directional antenna system was overseen by a qualified engineer. This affidavit must include a certification by the engineer that the antenna was installed pursuant to the manufacturer's instructions and list the qualifications of the certifying engineer.
- 8 BEFORE PROGRAM TESTS ARE AUTHORIZED, the permittee must submit an exhibit demonstrating that the measured directional antenna pattern complies with the appropriate community coverage requirements of 47 C.F.R. Sections 73.315 or 73.515 (See 47 C.F.R. § 73.316(c)(2)(ix)(B)).
- 9 The RMS of the composite measured relative field horizontal plane directional antenna pattern must encompass at least 85% of the RMS of the composite relative field horizontal plane directional antenna pattern authorized by this construction permit.

Special operating conditions or restrictions:

- 10 The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by this construction permit.

A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power:

10.5 kilowatts

Principal minima and their associated field strength limits:

120 degrees True: 4.855 kilowatts

270 degrees True: 9.081 kilowatts

*** END OF AUTHORIZATION ***