



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

Authorizing Official:

Official Mailing Address:

TACOMA BROADCASTERS, INCORPORATED  
BOX 31000  
SPOKANE WA 99223

Edward P. De La Hunt  
Associate Chief  
Audio Division  
Media Bureau

Facility ID: 68158

Grant Date: June 29, 1999

Call Sign: KTAC

This permit expires 3:00 a.m.  
local time, June 29, 2002.

Permit File Number: BPH-19981110IC

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: TACOMA BROADCASTERS, INCORPORATED

Station Location: WA-EPHRATA

Frequency (MHz): 93.9

Channel: 230

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: Non-Directional

Antenna Coordinates: North Latitude: 47 deg 19 min 13 sec  
 West Longitude: 119 deg 34 min 22 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	18.0	18.0
Height of radiation center above ground (Meters):	22	22
Height of radiation center above mean sea level (Meters):	628	628
Height of radiation center above average terrain (Meters):	117	117
Antenna structure registration number: 1052663		
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 Pursuant to the grant of this construction permit and the authority found in Sections 4(i), 5(c)(1), 303 and 307(b) of the Communications Act of 1934, as amended, and Sections 0.61, 0.204(b), 0.283, 1.420, 73.203(b), and 73.3573 of the Commission's Rules, the FM Table of Allotments, 47 C.F.R. § 73.207(b), IS AMENDED as follows:

Community	Channel No.
Ephrata, Washington	Add 230C3
	Delete 230A

Pursuant to Section 316(a) of the Communications Act of 1934, as amended, license BLH-980320KE IS MODIFIED to specify operation on Channel 230C3 in lieu of Channel 230A.

## Special operating conditions or restrictions:

- 2 Permittee has specified use of a four section, half wavelength spaced antenna to demonstrate compliance with the FCC radiofrequency electromagnetic field exposure guidelines. If any other type or size of antenna is to be used with the facilities authorized herein, THE AUTOMATIC PROGRAM TEST PROVISIONS OF 47 C.F.R. SECTION 73.1620 WILL NOT APPLY. In this case, a FORMAL REQUEST FOR PROGRAM TEST AUTHORITY must be filed in conjunction with FCC Form 302-FM, application for license, BEFORE program tests will be authorized. This request should be made at least 10 days prior to the date on which program tests are desired to commence. The request must include a revised RF field showing to demonstrate continued compliance with the FCC guidelines.

Documentation demonstrating compliance with the FCC radiofrequency field exposure guidelines may be submitted in advance of the filing of FCC Form 302-FM. The Commission's staff will review it for compliance and respond by letter stating whether automatic PTA has been reinstated.

- 3 The permittee/licensee 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.

\*\*\* END OF AUTHORIZATION \*\*\*