United States of America

FEDERAL COMMUNICATIONS COMMISSION

FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

HALL COMMUNICATIONS, INC.
404 WEST LIME STREET
LAKELAND FL 33815

Dale E. Bickel
Senior Engineer
Audio Division
Media Bureau

Grant Date: November 23, 1992

This license expires 3:00 a.m. local time, June 01, 1998.

Facility Id: 52807

Call Sign: WBTZ

License File Number: BLH-19891024KA

This license covers Permit No.: 840927AL
as extended by Permit Nos.: 890713JM and 881229JM

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

Callsign: WBTZ License No.: BLH-19891024KA

Name of Licensee: HALL COMMUNICATIONS, INC.

Station Location: NY-PLATTSBURGH

Frequency (MHz): 99.9

Channel: 260

Class: C

Hours of Operation: Unlimited

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

Transmitter output power:

Antenna type: Directional

Description: ODD ODD881229IA

Antenna Coordinates: North Latitude: 44 deg 46 min 12 sec

West Longitude: 73 deg 36 min 46 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	100	100
Height of radiation center above ground (Meters):	97	97
Height of radiation center above mean sea level (Meters):	550	550
Height of radiation center above average terrain (Meters):	300	300

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 106 Meters

Obstruction marking and lighting specifications for antenna structure:

It is to be expressly understood that the issuance of these specifications is in no way to be considered as precluding additional or modified marking or lighting as may hereafter be required under the provisions of Section 303(q) of the Communications Act of 1934, as amended.

None Required

Special operating conditions or restrictions:

1 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 YOUR CONSTRUCTION PERMIT.
.
A RELATIVE FIELD STRENGTH OF 1.0 ON THE COMPOSITE RADIATION PATTERN HEREIN AUTHORIZED CORRESPONDS TO THE FOLLOWING EFFECTIVE RADIATED POWER:
.
100 KILOWATTS.
.
PRINCIPAL MINIMUM OF THE COMPOSITE RADIATION PATTERN IS:
.
7.8 KILOWATTS AT 22 DEGREES TRUE.
.
THE COMPOSITE RADIATION PATTERN CONTAINS THE FOLLOWING RESTRICTIONS:
.
8.4 KILOWATTS AT 25 DEGREES TRUE,
33.5 KILOWATTS AT 294 DEGREES TRUE,
52 KILOWATTS AT 100 DEGREES TRUE.

2 Each component shall be restricted to the following values at the azimuths specified below.
8.4 KW AT 25 DEG, 33.5 KW AT 294 DEG
52 KW AT 100 DEG

3 In addition, neither radiation component shall increase at a rate exceeding 0.2 dB per degree from the azimuths of restricted radiation specified above nor exceed a maximum-to-minimum ratio of 15 dB. The rms of the vertically polarized radiation pattern shall not exceed that of the horizontally polarized radiation pattern.

4 The horizontal and vertical radiation patterns as submitted with the application for construction permit are authorized by this permit. Changes made to these patterns will require the filing of FCC Form 301 for commercial stations and FCC Form 340 for educational stations to modify this construction permit BEFORE PROGRAM TESTS ARE AUTHORIZED. BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee shall submit the results of a complete proof-of-performance to establish the horizontal plane radiation patterns for both the horizontally and vertically polarized radiation components. 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 should 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. BEFORE PROGRAM TESTS ARE AUTHORIZED, permittee shall submit an affidavit from a licensed surveyor to establish that the directional antenna has been oriented at the proper azimuth.

*** END OF AUTHORIZATION ***