



United States of America
FEDERAL COMMUNICATIONS COMMISSION
FM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

IHM LICENSES, LLC
7136 S. YALE AVENUE
SUITE 501
TULSA OK 74136

Peter H. Doyle
Deputy Chief
Audio Division
Media Bureau

Facility Id: 10142

Call Sign: KTCZ-FM

License File Number: BLH-19860421LJ

Grant Date: September 29, 1987

This license expires 3:00 a.m.
local time, April 01, 1990.

THIS LICENSE COVERS PERMIT NO.: BPH-820514AR

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: KTCZ-FM

License No.: BLH-19860421LJ

Name of Licensee: IHM LICENSES, LLC

Station Location: MN-MINNEAPOLIS

Frequency (MHz): 97.1

Channel: 246

Class: C1

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:

Antenna Coordinates: North Latitude: 45 deg 01 min 25 sec
West Longitude: 93 deg 22 min 58 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	100	85
Height of radiation center above ground (Meters):	85	85
Height of radiation center above mean sea level (Meters):	354	354
Height of radiation center above average terrain (Meters):	72	72

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 95 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 Neither the horizontally nor vertically polarized radiation component shall exceed the following value at any azimuth.
100.0 KW

Special operating conditions or restrictions:

- 2 Each component shall be restricted to the following values at the azimuths specified below.
 12.0KW @ 0 DEGREES TRUE
 12.6KW @ 20 DEGREES TRUE
 16.0KW @ 340 DEGREES TRUE

- 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 CONDITION FOR MAINTAINING NO 20 MV/M CONTOUR OVERLAP WITH STATION KMGW(FM), ANOKA, MN.

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 THIS LICENSE TO COVER BPH-820514AR IS PREDICATED UPON THE AGREEMENT BETWEEN KTWN-FM, INC., LICENSEE OF STATION KMGW(FM), ANOKA, MN, AND PARKER COMMUNICATIONS, INC., LICENSEE OF STATION KTCZ(FM), MINNEAPOLIS, MN, MADE THE 9TH DAY OF DECEMBER 1985. AS PART OF THIS AGREEMENT, NEITHER PARTY SHALL SEEK CHANGES TO ITS FACILITIES WHICH WILL CAUSE THE STATION'S 20 MV/M CONTOUR TO OVERLAP THE 20 MV/M CONTOUR OF THE OTHER STATION. ACCORDINGLY, THE COMMISSION CAN NOT GRANT ANY FUTURE APPLICATION FOR CHANGES IN FACILITIES WHICH DO NOT STRICTLY MEET THE STANDARDS OF THE ABOVE-MENTIONED AGREEMENT OR WHICH CAUSE THE 20 MV/M CONTOUR OF ONE STATION TO OVERLAP THE 20 MV/M CONTOUR OF THE OTHER STATION. DIRECTIONAL ANTENNA PATTERNS IN COMPLIANCE WITH SECTION 73.316 OF THE COMMISSION'S RULES CAN BE EMPLOYED BY EITHER STATION TO AVOID THE 20 MV/M CONTOUR OVERLAP.

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 GRANT OF THE INSTANT APPLICATION DOES NOT IMPLY APPROVAL FOR THE FACILITIES MENTIONED IN THE AGREEMENT BETWEEN PARKER COMMUNICATIONS, INC. AND SPARTA-TOMAH BROADCASTING CO., INC. DATED NOVEMBER 5, 1984. ANY FUTURE APPLICATION FOR INCREASES IN FACILITIES WILL HAVE TO BE JUDGED BY A SEPARATE PUBLIC INTEREST SHOWING PRESENTED AT THE TIME OF APPLICATION.

*** END OF AUTHORIZATION ***