



**United States of America**  
**FEDERAL COMMUNICATIONS COMMISSION**  
**FM BROADCAST STATION LICENSE**  
**AUXILIARY ANTENNA**

Authorizing Official:

Official Mailing Address:

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

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Dale E. Bickel  
Senior Engineer  
Audio Division  
Media Bureau

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Facility Id: 59968

Call Sign: WWSW-FM

License File Number: BLH-19980128KE

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Grant Date: August 31, 1998

This license expires 3:00 a.m.  
local time, August 01, 2006.

This authorization is re-issued to replace lost copies of this auxiliary license. Reissued 9/12/2005. This license covers Permit No. BPH-980128IJ.

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: WWSW-FM

License No.: BLH-19980128KE

Name of Licensee: IHM LICENSES, LLC

Station Location: PA-PITTSBURGH

Frequency (MHz): 94.5

Channel: 233

Class: B

Hours of Operation: Unlimited -- For auxiliary purposes only

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

Transmitter output power: 21.5 kW

Antenna type: Non-Directional

Description: ERI G5CPS-3AE-HW, three sections, half wave spaced

Antenna Coordinates: North Latitude: 40 deg 27 min 48 sec

West Longitude: 80 deg 00 min 16 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):	107	107
Height of radiation center above mean sea level (Meters):	472	472
Height of radiation center above average terrain (Meters):	159	159

Antenna structure registration number: 1032235

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 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 FCC guidelines.

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