



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Authorizing Official:

Official Mailing Address:

IMMACULATE HEART MEDIA, INC.
 1496 BELLEVUE STREET
 SUITE 202
 GREEN BAY WI 54307

Son Nguyen

Son Nguyen
 Supervisory Engineer
 Audio Division
 Media Bureau

Facility Id: 53707

Call Sign: KIHM

License File Number: BML-20180216ACS

Grant Date: **APR 20 2018**
 This license expires 3:00 a.m.
 local time, October 01, 2021.

This license modifies license no.: BMML-20140430ACZ

Change operating status from non-commercial to commercial station

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.

Hours of Operation: Unlimited

Average hours of sunrise and sunset:
 Local Standard Time (Non-Advanced)

Jan.	7:15 AM	5:00 PM	Jul.	4:45 AM	7:30 PM
Feb.	6:45 AM	5:30 PM	Aug.	5:15 AM	7:00 PM
Mar.	6:15 AM	6:00 PM	Sep.	5:45 AM	6:15 PM
Apr.	5:30 AM	6:30 PM	Oct.	6:15 AM	5:15 PM
May	4:45 AM	7:00 PM	Nov.	6:45 AM	4:45 PM
Jun.	4:30 AM	7:30 PM	Dec.	7:15 AM	4:30 PM

Name of Licensee: IMMACULATE HEART MEDIA, INC.

Station Location: RENO, NV

Frequency (kHz): 920

Station Class: B

Antenna Coordinates:

Day

Latitude: N 39 Deg 30 Min 50 Sec

Longitude: W 119 Deg 42 Min 52 Sec

Night

Latitude: N 39 Deg 30 Min 50 Sec

Longitude: W 119 Deg 42 Min 52 Sec

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

Nominal Power (kW): Day: 4.8 Night: 0.85

Antenna Input Power (kW): Day: 4.8 Night: 0.92

Antenna Mode: Day: ND Night: DA

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Current (amperes): Day: 9.8 Night: 4.28

Resistance (ohms): Day: 50 Night: 50

Non-Directional Antenna: Day

Radiator Height: 73.2 meters; 80.8 deg

Theoretical Efficiency: 299.6 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1288175	

Night:

Tower No.	ASRN	Overall Height (m)
1	1288175	
2	1288176	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Night: 296.1
 Standard RMS (mV/m/km): Night: 311.1
 Augmented RMS (mV/m/km):
 Q Factor: Night:

Theoretical Parameters:

Night Directional Antenna:

Tower No.	Field Ratio	Phasing (Deg.)	Spacing (Deg.)	Orientation (Deg.)	Tower Ref Switch *	Height (Deg.)
1	1.0000	0.000	0.0000	0.000	0	80.8
2	0.8800	-158.000	80.0000	267.700	0	80.8

* Tower Reference Switch

- 0 = Spacing and orientation from reference tower
- 1 = Spacing and orientation from previous tower

Night Directional Operation:

Twr. No.	Phase (Deg.)	Antenna Monitor Sample Current Ratio
1	0	1
2	-157.8	0.845

Antenna Monitor: POTOMAC INSTRUMENTS AM-1901

Sampling System Approved Under Section 73.68 of the Rules.

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.

- 2 Ground system consists of 120 equally spaced, buried, copper radials, each 81.4 meters in length except where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers,, about the base of each tower.

Special operating conditions or restrictions:

- 3 The licensee shall perform the measurements described in Section 73.155 at least once within every 24 month period.

- 4 Waiver of 47 CFR Section 73.1560(a) is granted to permit the licensee to operate with modulation dependent carrier level control technology, which reduces transmitter power at certain modulation levels.

- 5 The daytime non-directional operation uses tower #1(east)

*** END OF AUTHORIZATION ***