



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

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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Son Nguyen  
 Supervisory Engineer  
 Audio Division  
 Media Bureau

Facility Id: 34591

Call Sign: KHVH

Permit File Number: BP-20211129AAB

Grant Date: March 28, 2022

This permit expires 3:00 a.m.  
 local time, 36 months after the  
 grant date specified above.

Permit filed to duplicate BP-20180921AAV.

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.

Hours of Operation: Unlimited

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

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

Callsign: KHVH

Permit No.: BP-20211129AAB

Name of Permittee: IHM LICENSES, LLC

Station Location: HONOLULU, HI

Frequency (kHz): 830

Station Class: B

Antenna Coordinates:

Day

Latitude: N 21 Deg 19 Min 26 Sec

Longitude: W 157 Deg 52 Min 32 Sec

Night

Latitude: N 21 Deg 19 Min 26 Sec

Longitude: W 157 Deg 52 Min 32 Sec

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

Nominal Power (kW): Day: 11.0 Night: 11.0

Antenna Mode: Day: ND Night: ND

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

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1002139	

Night:

Tower No.	ASRN	Overall Height (m)
1	1002139	

Non-Directional Antenna: Day

Radiator Height: 90.5 meters;

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73

Tower No.	A	B
1	90.2	10.90

Theoretical Efficiency: 283.8 mV/m/kw at 1km

Non-Directional Antenna: Night

Radiator Height: 90.5 meters;

Top-Loaded/Sectionalized Tower Parameters: (See 47 CFR 73

Tower No.	A	B
1	90.2	10.90

Theoretical Efficiency: 283.8 mV/m/kw at 1km

## Special operating conditions or restrictions:

- 1 The 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 Permittee shall install a type accepted transmitter, or submit application (FCC Form 301) along with data prescribed in Section 73.1660(b) should non-type accepted transmitter be proposed.
- 3 A license application (FCC Form 302) to cover this construction permit must be filed with the Commission pursuant to Section 73.3536 of the Rules before the permit expires.
- 4 Licensee shall be responsible for satisfying all reasonable complaints of blanketing interference within the 1 V/m contour as required by Section 73.88 of the Commission's rules.
- 5 Ground system consists of 180 equally spaced, buried, copper radials about the base of the tower, each averaging 55.2 meters in length except where terminated by property boundaries.
- 6 Before program tests are authorized, sufficient data shall be submitted to show that adequate filters, traps and other equipment has been installed and adjusted to prevent interaction, intermodulation and/or generation of spurious radiation products which may be caused by common usage of the same antenna system by Stations KSSK(AM), ID # 48774, KHVH(AM), ID # 34591, and KIKI(AM), ID # 40143, and there shall be filed with the license application copies of a firm agreement entered into by the three stations involved clearly fixing the responsibility of each with regard to the installation and maintenance of such equipment. In addition, field observations shall be made to determine whether spurious emissions exist and any objectionable problems resulting therefrom shall be eliminated.

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## Special operating conditions or restrictions:

- 7 The fundamental field strength produced by KHVH's operation as determined by measurements at a point 22 feet (6.7 m) east and 105 feet (32 m) south of the southeast corner of the main building at the Commission's Honolulu field Office, shall not exceed 93 mV/m (99.4 dBu) at any time.

In the event of interference to the monitoring station's operations, which is in any way related to this station's facilities or transmissions, the licensee shall take such corrective action as is necessary to eliminate the interference.

In the event of actions by other broadcast stations taken subsequent to satisfactory demonstration of compliance with the terms of this protective provision, which in turn result in interference to the Commission's monitoring operations and involve the licensee's facility, full cooperation will be given to the efforts by the stations to eliminate the problem which would be the responsibility of the last installed facility.

Corrective action shall include the provision, installation and adjustments of suitable filter circuits, shielding, or other appropriate devices at this and other stations which may be required to eliminate the interference. If these or other measures do not eliminate the interference, the licensee shall reduce power to comply or cease transmissions.

Any and all spurious emissions, other than of frequencies contained within the AM broadcast band, from this and other stations which are also in any way related to this station's facilities or transmission, as detected by the monitoring equipment at the Commission's Honolulu field office, shall be no greater than 0.71 uV/m (-3 dBu).

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- 8 Prior to construction of the tower(s) authorized herein, permittee shall notify AM Station KNDI (AM), ID # 37065, KKEA, (AM), ID # 34551, KREA (AM), ID # 39773, and KWAH ID # 54613, so that those four stations may determine operating power by a method described in Section 73.51(a)(1) or (d). Permittee shall be responsible for installation and continued maintenance of detuning apparatus necessary to prevent adverse effects upon the radiation pattern of that station. Both prior to construction of the tower and subsequent to the installation of all appurtenances thereon, antenna impedance measurements of all four AM stations shall be made and sufficient field strength measurements, taken at a minimum of 10 locations along each of six equally spaced radials, shall be made to establish that the radiation pattern is essentially omnidirectional. Prior to or simultaneous with the filing of the application for license to cover this permit, the results of the field strength measurements and the impedance measurements shall be submitted to the Commission in an application on FCC Form 302 notifying of the AM station's return to the direct method of power determination for all four stations. (See Section 73.45(c), FCC Rules).

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