



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION LICENSE

Official Mailing Address:

RADIO HAWAII, INC.
2360 N E COACHMAN
CLEARWATER FL 33765

Authorizing Official:

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 54613

Call Sign: KWAI

License File Number: BL-20200428AAE

Grant Date: June 26, 2020

This license expires 3:00 a.m.
local time, February 01, 2022.

This license covers permit no.: BP-20191213AAG

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	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: KWAI

License No.: BL-20200428AAE

Name of Licensee: RADIO HAWAII, INC.

Station Location: HONOLULU, HI

Frequency (kHz): 1080

Station Class: B

Antenna Coordinates:

Day

Latitude: N 21 Deg 19 Min 27 Sec

Longitude: W 157 Deg 52 Min 47 Sec

Night

Latitude: N 21 Deg 19 Min 27 Sec

Longitude: W 157 Deg 52 Min 47 Sec

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

Nominal Power (kW): Day: 5.0 Night: 5.0

Antenna Input Power (kW): Day: 5.0 Night: 5.0

Antenna Mode: Day: ND Night: ND

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

Current (amperes): Day: 11.1 Night: 11.1

Resistance (ohms): Day: 40.6 Night: 40.6

Non-Directional Antenna: Day

Radiator Height: 59.8 meters; 77.5 deg

Theoretical Efficiency: 297.85 mV/m/kw at 1km

Non-Directional Antenna: Night

Radiator Height: 59.8 meters; 77.5 deg

Theoretical Efficiency: 297.85 mV/m/kw at 1km

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1213943	

Night:

Tower No.	ASRN	Overall Height (m)
1	1213943	

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 about the base of the tower, varying from 30.5 to 67.1 meters, except where terminated by property boundaries or the Kapalam drainage canal, plus eight pipes driven into the water table.
- 3 Pursuant to Sections 73.1030(c) and 73.1620(b) of the Rules, 47 C.F.R. §§73.1030 and 73.1620(b), the authority granted herein is subject to the following conditions:
 - (1) The maximum fundamental field strength produced by the proposed transmitter shall not exceed 44 millivolts per meter (mV/m) (93 dBu) as measured at the Federal Communications Commission's Waipahu, HI monitoring station at any time.
 - (2) In the event of interference, including spurious, intermodulation, or out of band emissions, to monitoring, direction finding, or related operations at the Federal Communications Commission's Waipahu, HI monitoring station, which is in any way related to this station's facilities or transmissions, the licensee shall take such corrective actions as necessary to eliminate the interference at the applicant's risk and expense. Corrective action shall include the provision, installation, and adjustments of suitable transmitter filter circuits, shielding, or other appropriate devices as 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.
 - (3) If any additional reduction in power is necessary after the station becomes operational to comply with the 44 mV/m (93 dBu) in-channel limit, or to otherwise eliminate interference to the Commission's Waipahu, HI monitoring station, the licensee shall immediately apply for a Special Temporary Authority (STA) and shall file an application with the Commission for the altered parameters.

*** END OF AUTHORIZATION ***