



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

Authorizing Official:

Official Mailing Address:

SM-KINE, LLC
2700 CORPORATE DRIVE
SUITE 115
BIRMINGHAM AL 35242

Rodolfo F. Bonacci
Assistant Chief
Audio Division
Media Bureau

Facility Id: 34553

Call Sign: KINE-FM

License File Number: BXLH-20130125AQC

Grant Date: February 14, 2013

This license expires 3:00 a.m.
local time, February 01, 2014.

This license covers permit no.: BXPB-20120329AIN

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.

Name of Licensee: SM-KINE, LLC

Station Location: HI-HONOLULU

Frequency (MHz): 105.1

Channel: 286

Class: C

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: 3.3 kW

Antenna type: Directional

Description: SHI 6014-7/1-DA, 7 sections, 0.5 wavelength spaced

Antenna Coordinates: North Latitude: 21 deg 23 min 52 sec

West Longitude: 158 deg 06 min 01 sec

	Horizontally Polarized Antenna	Vertically Polarized Antenna
Effective radiated power in the Horizontal Plane (kW):	50	50
Height of radiation center above ground (Meters):	20	20
Height of radiation center above mean sea level (Meters):	709	709
Height of radiation center above average terrain (Meters):	566	566

Antenna structure registration number: Not Required

Overall height of antenna structure above ground: 38 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 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.

Special operating conditions or restrictions:

- 2 The licensee has demonstrated compliance with the FCC radiofrequency electromagnetic field exposure guidelines based upon the usage of the antenna specified herein. If the licensee makes any changes in facilities via modification of license application in accordance with 47 CFR section 73.1690(c), the subsequent Form 302-FM, application for license, must include a revised RF field showing to demonstrate continued compliance with the FCC guidelines.
- 3 The relative field strength of neither the measured horizontally nor vertically polarized radiation component shall exceed at any azimuth the value indicated on the composite radiation pattern authorized by construction permit BXPB-20120329AIN.

A relative field strength of 1.0 on the composite radiation pattern herein authorized corresponds to the following effective radiated power:

50 kilowatts.

Principal minima and their associated field strength limits:

300 degrees True: 0.045 kilowatts

4 FAA INTERFERENCE CONDITION

LICENSEE SHALL ENSURE THAT THE STATION DOES NOT CAUSE HARMFUL INTERFERENCE TO NEARBY FEDERAL AVIATION ADMINISTRATION (FAA) COMMUNICATIONS RECEIVERS. THE SPECIFIC FCC RECEIVER LOCATIONS, FREQUENCY RANGES, AND MAXIMUM ALLOWABLE SIGNAL STRENGTHS (FROM YOUR STATION) AT THE ANTENNA TERMINALS OF THE FAA RECEIVER ARE:

FAA RECEIVER SITE	YOUR EMITTED FREQUENCY	MAX. ALLOWABLE SIGNAL STRENGTH AT FAA RECEIVER
N LAT 21 23 59;	105.1 MHZ	-4 DBM
W LON 158 06 12	118-137 MHZ	-104 DBM
SAME AS ABOVE	225-328.6 MHZ	-104 DBM
SAME AS ABOVE	335.4-399.9 MHZ	-104 DBM

IF THE -4 DBM REQUIREMENT IS TO BE MET BY INSTALLATION OF BANDPASS FILTERS AT THE INPUT OF THE FAA RECEIVERS, SUCH FILTERS MUST BE APPROVED BY THE FAA. LICENSEE IS RESPONSIBLE FOR THE ACQUISITION AND INSTALLATION COST, BUT ACTUAL INSTALLATION WILL BE BY THE FAA OR AN APPROVED REPRESENTATIVE. AFTER ONE YEAR OF INTERFERENCE-FREE OPERATION, LICENSEE IS NOT RESPONSIBLE FOR MAINTENANCE OF ANY FILTERS INSTALLED AT THE INPUT OF FAA RECEIVERS.

UPON RECEIPT OF NOTIFICATION FROM THE COMMISSION THAT HARMFUL INTERFERENCE TO THE OPERATION OF FAA COMMUNICATIONS RECEIVERS IS BEING CAUSED BY THE LICENSEE'S TRANSMITTER, THE LICENSEE SHALL EITHER IMMEDIATELY REDUCE THE POWER TO THE POINT OF NO INTERFERENCE, CEASE OPERATION, OR TAKE SUCH IMMEDIATE CORRECTIVE ACTION AS IS NECESSARY TO ELIMINATE THE HARMFUL INTERFERENCE.

Special operating conditions or restrictions:

- 5 The authority granted herein is subject to the condition that the field strength produced by the permitted/licensed facility shall not exceed 27 mV/m as measured at the Federal Communications Commission's Honolulu, Oahu, Hawaii. In the event that this limitation is exceeded or if interference occurs to the monitoring, direction finding, or related operations of the Federal Communications Commission's Waipahu, Hawaii monitoring station, the permittee/licensee shall take such immediate corrective action as is necessary to eliminate the interference. This shall include responsibility for furnishing, installing and adjusting transmitter filter circuits, shielding, or other corrective devices. If these measures fail to eliminate interference to FCC operations caused by the presence of the permittee/licensee's signal, or if the field intensity exceeds 27 mV/m, the permittee/licensee shall immediately reduce power to the extent necessary to eliminate the interference and/or comply with field strength limit. After determining this lower power level, the permittee/licensee shall immediately apply for a Special Temporary Authority (STA) and shall file an application to the Commission for the altered parameters.

*** END OF AUTHORIZATION ***