



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

Authorizing Official:

Official Mailing Address:

HI-FAVOR BROADCASTING, LLC
136 S OAK KNOLL AVENUE
PASADENA CA 91101

A handwritten signature in blue ink, appearing to read "Son Nguyen", written over a horizontal line.

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 51166

Call Sign: KSDO

Permit File Number: BP-20220627AAH

Grant Date: October 12, 2022

This permit expires 3:00 a.m.
local time, October 12, 2025.

Permit to change site, patterns, and power using two new dropwires
attached to the existing KLSD tower.

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

Callsign: KSDO

Permit No.: BP-20220627AAH

Name of Permittee: HI-FAVOR BROADCASTING, LLC

Station Location: SAN DIEGO, CA

Frequency (kHz): 1130

Station Class: B

Antenna Coordinates:

Day

Latitude: N 32 Deg 43 Min 51 Sec

Longitude: W 117 Deg 04 Min 59 Sec

Night

Latitude: N 32 Deg 43 Min 51 Sec

Longitude: W 117 Deg 04 Min 59 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: 0.30

Antenna Mode: Day: DA Night: DA

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

Antenna Registration Number(s):

Day:

Tower No.	ASRN	
1	None	60.4
2	None	47.2

Night:

Tower No.	ASRN	
1	None	60.4
2	None	47.2

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 674.2 Night: 167.7

Standard RMS (mV/m/km): Day: 708.3 Night: 176.3

Augmented RMS (mV/m/km):

Q Factor: Day: Night:

Theoretical Parameters:

Day 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	82.0
2	0.8500	85.000	69.0000	56.000	0	64.0

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

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	82.0
2	0.8500	129.000	69.0000	56.000	0	64.0

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Inverse Distance Field Strength:

The inverse distance field strength at a distance of one kilometer from the above antenna in the directions specified shall not exceed the following values:

Day:

Azimuth:	Radiation:
56	232.5 mV/m

Night:

Azimuth:	Radiation:
13.5	28.3 mV/m
98.5	28.3 mV/m

Special operating conditions or restrictions:

- 1 The permittee must submit a proof of performance as set forth in either Section 73.151(a) or 73.151(c) of the rules before program tests are authorized.
A proof of performance based on field strength measurements, per Section 73.151(a), shall include a complete nondirectional proof of performance, in addition to a complete proof on the (day) directional antenna system. The nondirectional and directional field strength measurements must be made under similar environmental conditions. The proof(s) of performance submitted to the Commission must contain all of the data specified in Section 73.186 of the rules.
Permittees who elect to submit a moment method proof of performance, as set forth in Section 73.151(c), must use series-fed radiators. In addition, the sampling system must be constructed as described in Section 73.151(c) (2) (i).
- 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 Prior to construction of the tower authorized herein, permittee shall notify AM Station KOGO (ID#51514) so that, if necessary that AM station: may
determine operating power by a method described in Section 73.51(a) (1) or (d), and/or request temporary authority from the Commission in Washington, D.C. to operate with parameters at variance in order to maintain monitoring point field strengths within authorized limits. Permittee shall be responsible for installation and continued maintenance of detuning apparatus necessary to prevent adverse effects upon the radiation pattern of the AM station. Both prior to construction of the tower and subsequent to the installation of all appurtenances thereon, a partial proof of performance, as defined by Section 73.154(a) of the Commission's Rules, shall be conducted to establish that the AM array has not been adversely affected and prior to or simultaneous with the filing of the application for license to cover this permit, the results submitted to the Commission.
- 6 Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 66.3 meters in length except where terminated by property boundaries or where intersecting radials are shortened and bonded to a transverse copper strap midway between adjacent towers, plus a copper ground screen 7.3 meters square, about the base of each dropwire. Where applicable, the proposed ground system will tie into the existing KLSD ground system..

Special operating conditions or restrictions:

- 7 Prior to construction of the two drop wire antennas authorized herein, permittee shall notify AM Station KLSD (ID#34452) so that station 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 the AM station 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. (See Section 73.45(c), FCC Rules).
- 8 The proposed antenna system will consist of two dropwire antennas suspended guy wires attached to the existing KSDO tower at approximately the 149 meters above ground. Both dropwire antennas will be series fed. The newly proposed antenna will have an electrical height of 82 degrees (60.4 meters), and the existing dropwire antenna used in the current special temporary authority has an electrical height of 64.0 degrees (47.2 meters).
- 9 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.

*** END OF AUTHORIZATION ***