United States of America

# FEDERAL COMMUNICATIONS COMMISSION

# AM BROADCAST STATION CONSTRUCTION PERMIT

Official Mailing Address:

IHM LICENSES, LLC
7136 S. YALE AVE.
SUITE 501
TULSA OK 74136

Authorizing Official:

Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Grant Date: May 04, 2021

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

Facility Id: 95

Call Sign: KXYZ

Permit File Number: BP-20210125AAC

Change transmitter location.

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

Name of Permittee: IHM LICENSES, LLC

Station Location: HOUSTON, TX

Frequency (kHz): 1320

Station Class: B

Antenna Coordinates:

| | | Day | | | | |
|---|---|---|---|---|---|---|
| Latitude: | N | 29 | Deg | 54 | Min | 56 Sec |
| Longitude: | W | 95 | Deg | 27 | Min | 42 Sec |

| | | Night | | | | |
|---|---|---|---|---|---|---|
| Latitude: | N | 29 | Deg | 54 | Min | 56 Sec |
| Longitude: | W | 95 | Deg | 27 | Min | 42 Sec |

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

Nominal Power (kW): Day: 8.4 Night: 2.8

Antenna Mode: Day: DA Night: DA

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

Antenna Registration Number(s):

Day:

| Tower No. | ASRN | Overall Height (m) |
|---|---|---|
| 1 | 1058675 | |
| 2 | 1058676 | |
| 3 | 1058677 | |

Night:

| Tower No. | ASRN | Overall Height (m) |
|---|---|---|
| 1 | 1058675 | |
| 2 | 1058676 | |
| 3 | 1058677 | |

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 1047 Night: 604.2

Standard RMS (mV/m/km): Day: 1099 Night: 634.7

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 | 164.1 |
| 2 | 1.0790 | -71.400 | 167.1000 | 175.000 | 0 | 164.1 |
| 3 | 0.5080 | -266.200 | 334.2000 | 175.000 | 0 | 164.1 |

* 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 | 164.1 |
| 2 | 1.0790 | -71.400 | 167.1000 | 175.000 | 0 | 164.1 |
| 3 | 0.5080 | -266.200 | 334.2000 | 175.000 | 0 | 164.1 |

* 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: | |
|---|---|---|
| 39.5 | 337.99 | mV/m |
| 89.1 | 971.69 | mV/m |
| 175 | 1311.79 | mV/m |
| 260.9 | 971.69 | mV/m |
| 310.5 | 337.99 | mV/m |

Night:

| Azimuth: | Radiation: | |
|---|---|---|
| 39.5 | 195.05 | mV/m |
| 89.1 | 560.74 | mV/m |
| 175 | 757.01 | mV/m |
| 261 | 560.74 | mV/m |
| 310.5 | 195.05 | mV/m |

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 The ground system consists of 120, 95.1 meter (0.42 wavelength at the frequency of 1320 kHz), buried copper radials except where shortened due to property boundaries or where bonded to a transverse copper strap midway between adjacent towers.

3 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 KXYZ, Fac. ID no. 95; KBME, Fac. ID no. 23082; and KPRC, Fac. ID no. 9644, and there shall be filed with the license application copies of a firm agreement entered into by the 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. Following construction, and prior to authorization of program test under this grant, Stations KXYZ, Fac. ID no. 95; KBME, Fac. ID no. 23082; and KPRC, Fac. ID no. 9644 shall each measure antenna or common point resistance and submit FCC Form 302 as application notifying the return to direct measurement of power.

Special operating conditions or restrictions:

4 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.

5 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) and (night) 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).

6 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.

7 This application is being granted prior to the completion of the International Telecommunications Union (ITU) registration process. Therefore, any construction of and operation with the facilities specified herein is at applicant's own risk and subject to modification, suspension or termination without right to hearing, if found by the Commission to be necessary in order to conform to the provisions of the registration process of the ITU, and to bilateral and other multilateral agreements between the United States and other countries.

*** END OF AUTHORIZATION ***