



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

Authorizing Official:

Official Mailing Address:

SACRED HEART RADIO, INC.

P.O. BOX 2482

KIRKLAND WA 98083

Son Nguyen

Supervisory Engineer

Audio Division

Media Bureau

Facility Id: 38492

Call Sign: KTTQ

Permit File Number: BXP-20041229ABZ

Grant Date: June 06, 2005

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

Permit for auxilliary facility.

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.	7:30 AM	4:30 PM	Jul.	4:00 AM	7:45 PM
Feb.	7:00 AM	5:15 PM	Aug.	4:45 AM	7:00 PM
Mar.	6:00 AM	6:00 PM	Sep.	5:30 AM	6:00 PM
Apr.	5:00 AM	6:45 PM	Oct.	6:00 AM	5:00 PM
May	4:15 AM	7:15 PM	Nov.	7:00 AM	4:15 PM
Jun.	3:45 AM	7:45 PM	Dec.	7:30 AM	4:00 PM

Callsign: KTTO

Permit No.: BXP-20041229ABZ

Name of Permittee: SACRED HEART RADIO, INC.

Station Location: SPOKANE, WA

Frequency (kHz): 970

Station Class: B

Antenna Coordinates:

Day

Latitude: N 47 Deg 35 Min 58 Sec

Longitude: W 117 Deg 22 Min 38 Sec

Night

Latitude: N 47 Deg 35 Min 58 Sec

Longitude: W 117 Deg 22 Min 38 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: 0.022

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	1050252	

Night:

Tower No.	ASRN	Overall Height (m)
1	1050252	

Non-Directional Antenna: Day

Radiator Height: 61 meters;

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

Tower No.	A	B
1	71.0	10.70

Theoretical Efficiency: 284 mV/m/kw at 1km

Non-Directional Antenna: Night

Radiator Height: 61 meters;

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

Tower No.	A	B
1	71.0	10.70

Theoretical Efficiency: 284 mV/m/kw at 1km

Special operating conditions or restrictions:

- 1 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.
- 2 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.
- 3 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.
- 4 Prior to construction of the tower authorized herein, permittee shall notify AM Station KTRW (main site facility) 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.

Special operating conditions or restrictions:

- 5 Prior to construction of the tower authorized herein, permittee shall notify AM Station KXLX (ID# 30036) and KPTQ (ID# 53149) 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 Before program tests are authorized, permittee shall submit sufficient current distribution measurement data to establish clearly that the current distribution approximates that of an antenna with electrical height of 81.7 degrees as proposed.
- 7 Ground system consists of 120 equally spaced, buried, copper radials about the base of the tower, each 61 meters in length.

*** END OF AUTHORIZATION ***