



ID# 21416

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

Authorizing Official:

Official Mailing Address:

BBC BROADCASTING, INC.
P.O. BOX 3213
FERNDAL WA 98248

Son Nguyen
Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 21416

Call Sign: KRPI

Permit File Number: BP-20090226AAF

Grant Date: May 24, 2012

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

Permit to change city, site, and patterns. (Reissued 6/25/12 to correct
EB condition - JBS).

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.	8:00 AM	4:45 PM	Jul.	4:15 AM	8:15 PM
Feb.	7:15 AM	5:30 PM	Aug.	5:00 AM	7:30 PM
Mar.	6:30 AM	6:15 PM	Sep.	5:45 AM	6:30 PM
Apr.	5:30 AM	7:00 PM	Oct.	6:30 AM	5:30 PM
May	4:30 AM	7:45 PM	Nov.	7:15 AM	4:30 PM
Jun.	4:00 AM	8:15 PM	Dec.	8:00 AM	4:15 PM

Callsign: KRPI

Permit No.: BP-20090226AAF

Name of Permittee: BBC BROADCASTING, INC.

Station Location: POINT ROBERTS, WA

Frequency (kHz): 1550

Station Class: B

Antenna Coordinates:

Day

Latitude: N 48 Deg 59 Min 54 Sec

Longitude: W 123 Deg 04 Min 08 Sec

Night

Latitude: N 48 Deg 59 Min 54 Sec

Longitude: W 123 Deg 04 Min 08 Sec

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

Nominal Power (kW): Day: 50.0 Night: 50.0

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	1276210	
2	1276211	
3	1276212	

Night:

Tower No.	ASRN	Overall Height (m)
1	1276210	
2	1276213	
3	1276214	

DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM

Theoretical RMS (mV/m/km): Day: 2185.2 Night: 2155.39

Standard RMS (mV/m/km): Day: 2295.66 Night: 2264.38

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	80.0
2	0.7000	-84.000	90.0000	30.000	0	80.0
3	0.4000	77.000	90.0000	210.000	0	80.0

* 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	80.0
2	0.8400	-70.000	100.0000	310.000	0	80.0
3	0.5750	67.000	100.0000	130.000	0	80.0

* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

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) 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).
- 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 Ground system consists of 120 equally spaced, buried, copper radials about the base of each tower, each 48.8 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.

Special operating conditions or restrictions:

- 6 These four special conditions are required per the FCC's Enforcement Bureau staff. 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:

(a) The maximum fundamental field strength produced by the proposed transmitter shall not exceed 25 millivolts per meter (mV/m) as measured at the Federal Communications Commission's FERNDAL, WA monitoring station at any time.

(b) Any and all spurious emissions, other than on frequencies contained within the AM Broadcast band, which are in any way related to this station's facilities or transmissions, as detected by the monitoring equipment at the Commission's FERNDAL, WA monitoring station shall be no greater than 1 microvolt per meter (µV/m, which is equivalent to 0 dBu).

(c) In the event of interference, including intermodulation, to monitoring, direction finding, or related operations at the Federal Communications Commission's FERNDAL, WA 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.

(d) If any additional reduction in power is necessary after the station becomes operational to comply with the 25 mV/m in-channel, and the 1 µV/m out-of-band limits, or to eliminate interference to the Commission's FERNDAL, WA monitoring station, the 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 ***