

Federal Communications Commission Washington, D.C. 20554	Approved by OMB 3060-0386 (July 2002)	FOR FCC USE ONLY
Engineering STA		FOR COMMISSION USE ONLY
Read Instructions/FAQ before filling out form		FILE NO. (FILE NO. TBA)

Section I - General Information

1.	Legal Name of the Applicant CONTINENTAL BROADCASTING		
	Mailing Address 7429 ORCHARD AVE		
	City SNOHOMISH	State or Country (if foreign address) WA	Zip Code 98290
	Telephone Number (include area code) 2532757800		E-Mail Address (if available) GWBETTEN@GMAIL.COM
	FCC Registration No 0025337221	Call Sign KWJZ-LP	Facility ID Number 134276
2.	Contact Representative (if other than licensee/permittee) GW BETTEN		Firm or Company Name
	Mailing Address 7429 ORCHARD AVE		
	City SNOHOMISH	State or Country (if foreign address) WA	ZIP Code 98290
	Telephone Number (include area code) 2532757800		E-Mail Address (if available) GWBETTEN@GMAIL.COM
3.	Purpose:		
	<input checked="" type="radio"/> Engineering STA		
	<input type="radio"/> Extension of Existing Engineering STA		
	<input type="radio"/> Legal STA		
	<input type="radio"/> Extension of Existing Legal STA		
4.	Service: FM		
5.	Community of License: City: HIGH ROCK State: WA		
6.	If this application has been submitted without a fee, indicate reason for fee exemption (see 47 C.F.R. Section 1.1114):		
	<input type="radio"/> Governmental Entity <input checked="" type="radio"/> Noncommercial Educational Licensee/Permittee <input type="radio"/> Other		
	<input type="radio"/> N/A (Fee Required)		

TECHNICAL SPECIFICATIONS

Ensure that the specifications below are accurate. Contradicting data found elsewhere in this application will be disregarded. All items must be completed. The response "on file" is not acceptable.

TECH BOX

7.0.	STA is requested for use of
	<input type="radio"/> Licensed Antenna system with:
	<input type="radio"/> Reduced power

<div><div><div><input type="radio"/> Reduced hours of operation</div><div><input type="radio"/> Required equipment out of service</div><div><input checked="" type="radio"/> Other variance [Exhibit 1]</div></div><div><div><input type="radio"/> Antenna system authorized by Construction Permit: Describe requested modes of operation [Exhibit 2]</div><div><input checked="" type="radio"/> Other antenna system: (Complete Items 7.1 - 7.11)</div></div></div>											
7.1. Channel Number: 300											
7.2. Antenna Location Coordinates: (NAD 27) Latitude: Degrees 47 Minutes 51 Seconds 52.2 <input checked="" type="radio"/> North <input type="radio"/> South Longitude: Degrees 122 Minutes 01 Seconds 58.4 <input checked="" type="radio"/> West <input type="radio"/> East											
7.3. Antenna Structure Registration Number: <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Notification filed with FAA											
7.4. Overall Tower Height Above Ground Level:								9 meters			
7.5. Height of Radiation Center Above Mean Sea Level:								meters(H)		38 meters(V)	
7.6. Height of Radiation Center Above Ground Level:								meters(H)		8 meters(V)	
7.7. Height of Radiation Center Above Average Terrain:								meters(H)		71 meters(V)	
7.8. Effective Radiated Power:								0 kW(H)		0.008 kW(V)	
7.9. Maximum Effective Radiated Power: <input checked="" type="checkbox"/> Not Applicable (Beam-Tilt Antenna ONLY)								kW(H)		kW(V)	
7.10 Directional Antenna Relative Field Values: <input checked="" type="checkbox"/> Not applicable (Nondirectional) Rotation (Degrees): <input checked="" type="checkbox"/> No Rotation											
Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value	Degrees	Value
300											
Additional Azimuths											
7.11 Environmental Protection Act. The proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., The facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments). Unless the applicant can determine compliance through the use of the RF worksheets in Appendix A, an Exhibit is required. By checking "Yes" above, the applicant also certifies that it, in coordination with other users of the site, will reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic exposure									<div><input checked="" type="radio"/> Yes <input type="radio"/> No</div> <div>See Explanation in [Exhibit 3]</div>		

	in excess of FCC guidelines.	
8.	Please explain in detail the "extraordinary circumstances" which warrant temporary operations at variance from the Commission's Rules. In addition, please specify 1) the specific rules and/or policies from which the applicant seeks temporary relief; 2) how the public interest will be furthered by grant; and 3) the expected duration of the STA and the licensee's plan for restoration of licensed operation. If requesting variance with other than authorized technical facilities, please specify the exact facilities sought.	[Exhibit 4]
9.	Anti-Drug Abuse Act Certification. Applicant certifies that neither applicant nor any party to the application is subject to denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862.	<input checked="" type="radio"/> Yes <input type="radio"/> No

I certify that I have prepared Engineering Data on behalf of the applicant, and that after such preparation, I have examined and found it to be accurate and true to the best of my knowledge and belief.

Name GW BETTEN		Relationship to Applicant (e.g., Consulting Engineer) DIRECTOR	
Signature		Date (mm/dd/yyyy) 03/18/2022	
Mailing Address 7429 ORCHARD AVE			
City SNOHOMISH	State or Country (if foreign address) WA		Zip Code 98290
Telephone Number (No dashes or parentheses, include area code) 2532757800	E-Mail Address (if available) GWBETTEN@GMAIL.COM		

I hereby certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith. I acknowledge that all certifications and attached Exhibits are considered material representations.

Typed or Printed Name of Person Signing GW BETTEN	Typed or Printed Title of Person Signing DIRECTOR
Signature	Date (mm/dd/yyyy) 03/18/2022

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1)), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503).

Exhibits

Exhibit 1
Description:

N/A

Attachment 1

Exhibit 3
Description: ENVIRONMENTAL STUDY

SEE ATTACHMENT 4

Attachment 3

Attachment 4

Description
See Attachment Below

Engineering Special Temporary Authority
KWJZ-LP High Rock, WA

Licensee Continental Broadcasting ("Continental") here requests an Engineering STA for operation at a temporary broadcast site to continue serving its community due limiting circumstances where licensee cannot continue to utilize its current broadcast site. Continental believes there is good cause to grant a temporary facility and that maintaining the license of KWJZ-LP is in the public interest.

BACKGROUND

KWJZ-LP operates at 100 watts ERP with HAAT -9m. Even though the FCC license prescribes an ERP of 14 watts via license to cover File No. 0000137496, the underlying construction permit File No. 0000106445 authorized the construction of the facility for 100 watts (see Attachment). The license of 14 watts is a patent error, as a HAAT of -9 m asserts a minimum ERP of 50 watts by law, per § 73.811.

Following a storm in the last week, KWJZ-LP's antenna came down, rendering the station off air. Washington State weather maintains unpredictable poor weather until the spring. Continental would like to immediately return to air at a temporary location until a new antenna can be ordered and installed.

REQUEST OF TEMPORARY OPERATIONS

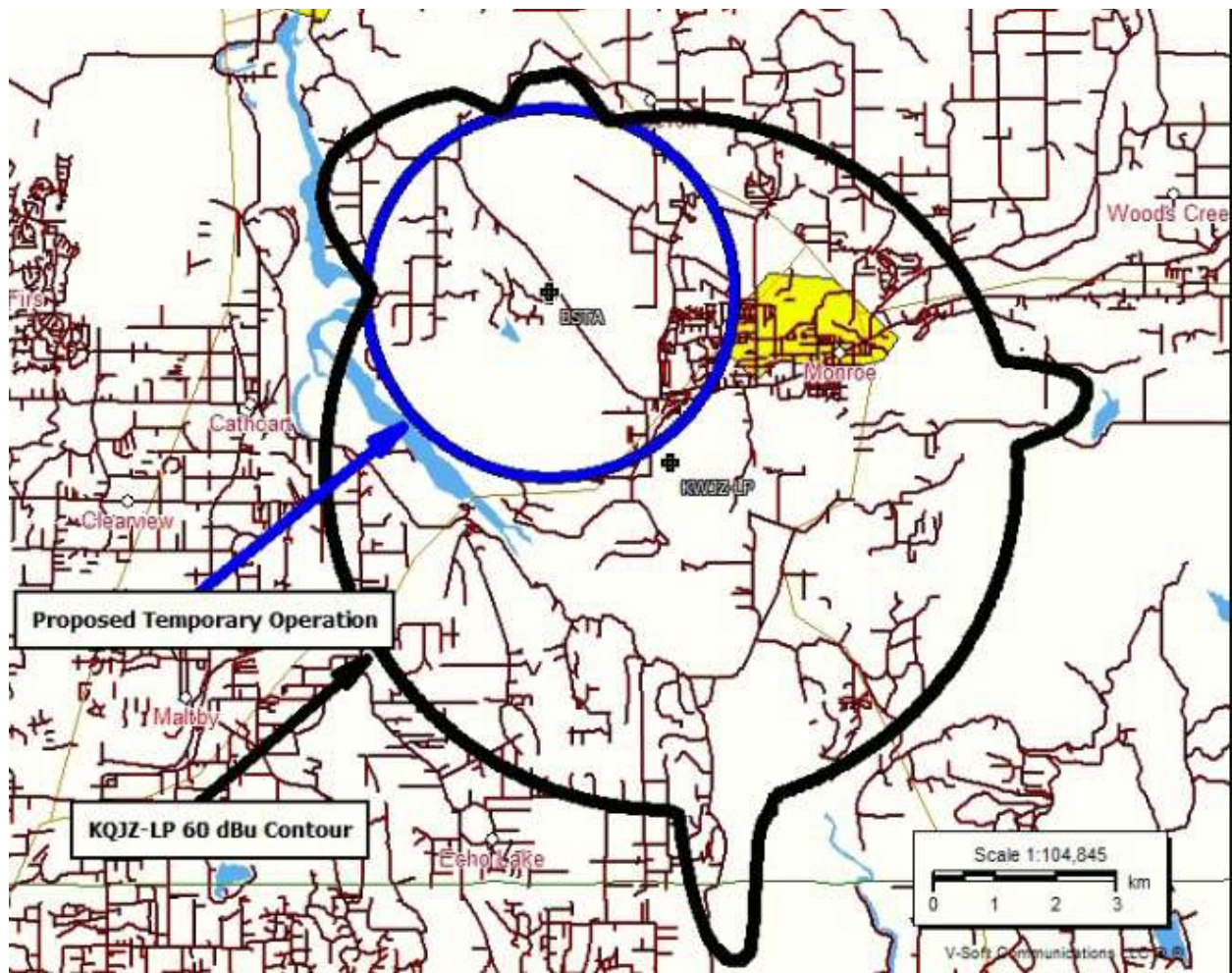
Continental believes the aforementioned situation constitutes extraordinary circumstances beyond the control of the licensee, permitting restoration or relocation of existing facilities to continue communication service, which is consistent with 47 C.F.R. § 1.913. At 3.4 km from the licensed location, the proposed temporary site is close to the licensed site and meet the four-pronged prerequisite for a site (i.e., site loss was beyond the control of licensee, the service continues programming to the community of license, the temporary site is the closest site found, and the temporary site does not involve the construction of a tower).

The public interest is furthered in the grant because there is a deficiency of community-run low power FM stations licensed within the immediate vicinity. KWJZ-LP serves the Monroe, Washington area, which is a rural town northeast of Seattle.

The licensee has a plan in place for restoring licensed broadcast. The licensee is requesting a maximum of 90 day Engineering STA term just to be on the safe side to returned to licensed broadcast operation of 100 watts. Continental would like to commence this temporary operation in seven days after filing this Engineering STA.

TECHNICAL DETAIL

The proposed Engineering STA's operation is entirely within the licensed 60 dBu contour as seen below.



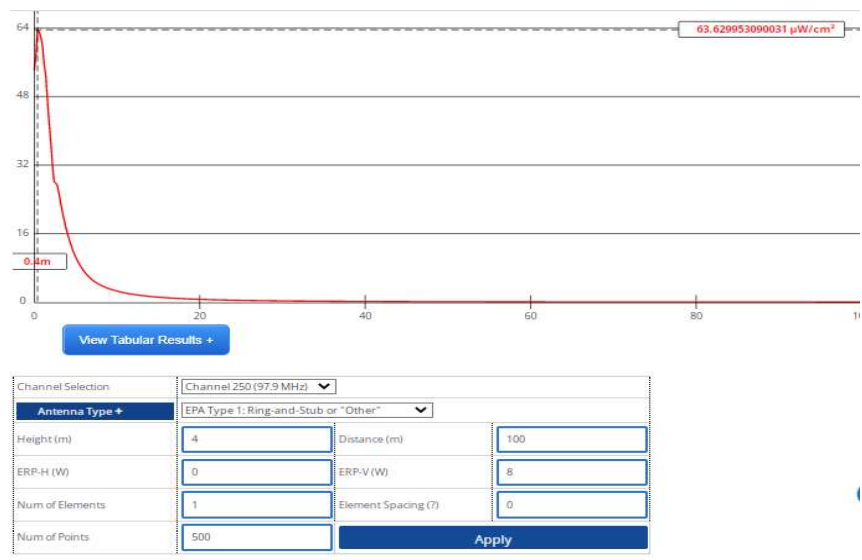
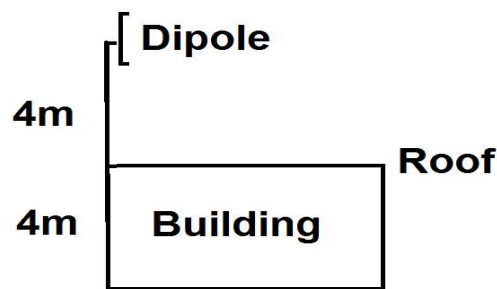
Channel	297
New Location:	47-51-52.2 N 122-01-58.4 W (NAD 27) 47-51-51.6 N 122-02-02.9 W (NAD 83)
Antenna AGL	8 m
Antenna Ground	30 m
Antenna COR	38 m
HAAT	71 m
Structure:	Building + mast
Building	4 m

Mast 4 m
Total 8 m

Power 8 w ERP

Antenna
Model Antenna: Sigma Euro-Comm Vertical Dipole
Coax 50 ft LMR-400
Gain Unity (0 dB)
TPO 10 watts
Loss 0.714 dB = 1.52 watts
ERP 8.48 watts (rounded) = 8 watts

RADIOFREQUENCY ELECTROMAGNETIC EXPOSURE



A worst-case scenario emitter antenna (“Ringe-and-Stub” or “Other”) was used (8 watts V-pol only) to gauge the maximum RF for the proposal in OET program FM Model for Windows. An exposure of 63.6 $\mu\text{W}/\text{cm}^2$ is predicted 4 meters from the antenna at the top of the roof. The RF exposure represents 32% of the FCC

Maximum Permissible Exposure (MPR) for 200 $\mu\text{W}/\text{cm}^2$ for uncontrolled environments.

TOWAIR (PASS)

DETERMINATION Results	
Structure does not require registration. The structure meets the 6.10-meter (20-foot) Rule criteria.	
Your Specifications	
NAD83 Coordinates	
Latitude	47-51-51.6 north
Longitude	122-02-02.9 west
Measurements (Meters)	
Overall Structure Height (AGL)	9
Support Structure Height (AGL)	4
Site Elevation (AMSL)	30
Structure Type	
B - Building	