



WASHINGTON, D.C. OFFICE
 flour mill building
 1000 potomac street nw
 suite 200
 washington, d.c. 20007-3501
 TEL 202 965 7880 FAX 202 965 1729

anchorage, alaska
 beijing, china
 new york, new york
 portland, oregon
 seattle, washington
 GSBLAW.COM

GARVEY SCHUBERT BAREER

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Please reply to MELODIE A. VIRTUE
 mvirtue@gsblaw.com TEL EXT 2527

July 7, 2016

Accepted / Filed

OUR FILE NO. 21616-00100-65

By Hand Delivery

Marlene H. Dortch, Secretary
 Federal Communications Commission
 Office of the Secretary
 445 12th Street, S.W.
 Room TW-A325
 Washington, DC 20554

JUL - 7 2016

Federal Communications Commission
 Office of the Secretary

Re: Broadcast Station KQAC(FM-NCE), Portland, OR
 Facility ID No. 59343
 FRN # 0005853098
 Request for Experimental Authority to Operate with
 Asymmetrical Hybrid Digital Sideband Power

2016 JUL - 8 A 10:48

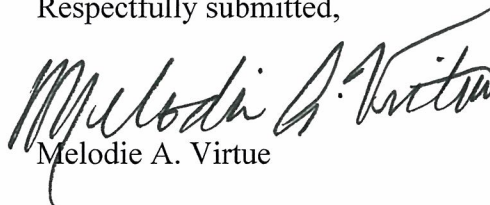
Dear Ms. Dortch:

On behalf of All Classical Public Media, Inc., licensee of non-commercial educational FM radio station KQAC(FM), Portland, Oregon, pursuant to FCC Rule 5.203, this letter is written to request experimental authority for one year to operate KQAC full-time with asymmetrical hybrid digital sideband power as set forth in the attached Engineering Statement of Gray Frierson Haertig & Assoc.

Enclosed is the Anti-Drug Abuse Certification of the licensee. No filing fee is required for this type of request.

Please direct any questions regarding this matter to the undersigned.

Respectfully submitted,


 Melodie A. Virtue


MAV:cll
 Enclosures (2)
 cc: Susan N. Crawford (pdf copy via email Susan.Crawford@fcc.gov)

ANTI -DRUG ABUSE CERTIFICATION

The applicant certifies that, in the case of an individual applicant, he or she is not subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §862a, or, in the case of a non-individual applicant (e.g. corporation, partnership or other unincorporated association), no party to the application is subject to a denial of federal benefits pursuant to that section. For the definition of a "party" for these purposes, see 47 C.F.R. §1.2002(b).

Yes No

Name of Applicant: All Classical Public Media, Inc.

Signature: 

Title: PRES/CEO

Date: 7/6/16

TELECOMMUNICATIONS ENGINEERING
GRAY FRIERSON HAERTIG & ASSOC.
4646 S.W. COUNCIL CREST DRIVE
PORTLAND, OREGON 97239
503-282-2989 (Office)
503-807-2989 (Cell)

ELECTRONIC MAIL
gfh@haertig.com

16 June 2016

Prepared for All Classical Public Media

**ENGINEERING STATEMENT
KQAC-FM CHANNEL 210, PORTLAND, OREGON
REQUEST FOR EXPERIMENTAL AUTHORIZATION
TO OPERATE WITH ASYMMETRIC DIGITAL SIDEBAND POWERS**

This Engineering Statement has been prepared on behalf of All Classical Public Media, Inc. ("KQAC"), licensee of KQAC, Channel 210C1, at Portland, Oregon, in support of a request for experimental authorization to operate KQAC with asymmetric digital sideband power levels.

KQAC requests permission to operate at -12 dBc in the lower sideband and -14 dBc in the upper sideband. Since KQAC is not a grandfathered superpower station, operation at -14 dBc in the upper sideband is permitted by-right.

The KQAC FM ERP is 5.9 KW. KQAC proposes to operate with 0.37 KW in the lower digital sideband and 0.235 KW in the upper digital sideband.

In support of the request to operate at -12 dBc in the lower sideband, this office undertook an allocation study, which took into account near by facilities operating on Channel 209. This study revealed just one such assignment, permit or application needing further consideration. This is the licensed facility of KLCC, Eugene, Oregon.

Attached is a contour map showing the extent of and relationship between the KLCC 60 dB μ protected contour and the KQAC 50.6 dB μ interfering contour. This map demonstrates conclusively that there is no overlap between the proposed interfering contour and the KLCC protected contour.

These contours were calculated using the method set forth in 47CFR73.313 of the Commission's Rules and Regulations. The average terrain values were calculated from elevations taken from the 30 arc-second NGDC database.

Per the Table in Paragraph 20 of R&O DA 10-208 in MM Docket 99-325, operation at -12 dBc is permitted.

I, Gray Frierson Haertig, hereby affirm that:

I have been retained by All Classical Public Media, Inc., to prepare this Engineering Statement;

I am Principal and Senior Engineer of Gray Frierson Haertig & Assoc., a firm specializing in Broadcast Engineering;

This report has been prepared directly by myself;

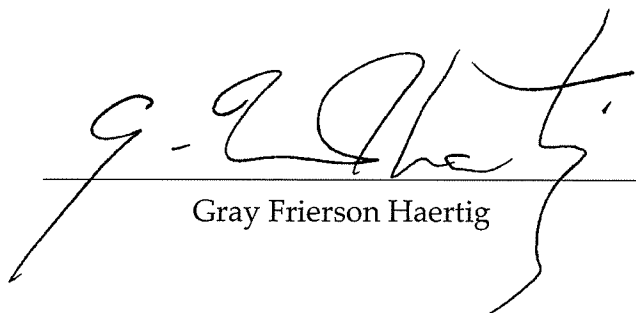
All statements made herein and not attributed to others are true to the best of my knowledge;

The conclusions drawn herein are based on information supplied to me by The Federal Communications Commission;

I am a Broadcast Engineer of 50 years experience;

And my credentials are a matter of record with the Commission.

Respectfully submitted this 16th day of June 2016,



Gray Frierson Haertig

Gray Frierson Haertig & Assoc.
4646 S.W. Coiuncil Crest Drive
Portland, Oregon 97239
503-282-2989 - gfh@haertig.com



- Proposed 50.6 Interfering Contour
- KLCC 60 dBu Protected Contour

Proposed KQAC vs KLCC