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Please reply to MELODIE A. VIRTUE
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April 3, 2015

ORIGINAL

OUR FILE NO. 22436-00100-65

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

Accepted / Filed
APR - 3 2015
Federal Communications Commission
Office of the Secretary

2015 APR -6 A 9:21

Re: Broadcast Station KING-FM (NCE), Seattle, WA
Facility ID No. 11755
FRN # 0020868501
Request for Experimental Authority to Operate with
Asymmetrical Hybrid Digital Sideband Power

Dear Ms. Dortch:

On behalf of Classic Radio ("Classic"), licensee of non-commercial educational FM radio station KING-FM, Seattle, Washington, pursuant to FCC Rule 5.203, this letter is written to request experimental authority for one year to operate KING-FM full-time with asymmetrical hybrid digital sideband power as set forth in the attached Engineering Exhibit of Hatfield & Dawson Consulting Engineers.

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

Enclosures (2)
MAV:yg
GSB:6979653.1

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).

[x] Yes [ ] No

Name of Applicant: Classic Radio

Signature: C T Bayley

Title: President

Date: April 2, 2015

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CONSULTANT

MAURY L. HATFIELD, PE
(1942-2009)
PAUL W. LEONARD, PE
(1925-2011)

Engineering Statement
KING-FM Channel 251C Seattle, Washington
Experimental Request for Asymmetrical Hybrid Digital Operation
March 2015

This Engineering Statement has been prepared on behalf of Classic Radio ("Classic"), the licensee of station KING-FM, which operates on Channel 251C at Seattle, Washington, in support of a request for experimental authorization to operate KING-FM with asymmetrical upper and lower sideband power levels in hybrid digital mode.

Classic requests authority to operate at -10 dBc in the lower digital sideband, and -14 dBc in the upper digital sideband. -14 dBc operation is permitted outright, as KING-FM is not a grandfathered superpowered station.

The KING-FM analog ERP is 68 kW. On the lower sideband the ERP will be 6.8 kW, while on the upper sideband the ERP will be 2.7 kW.

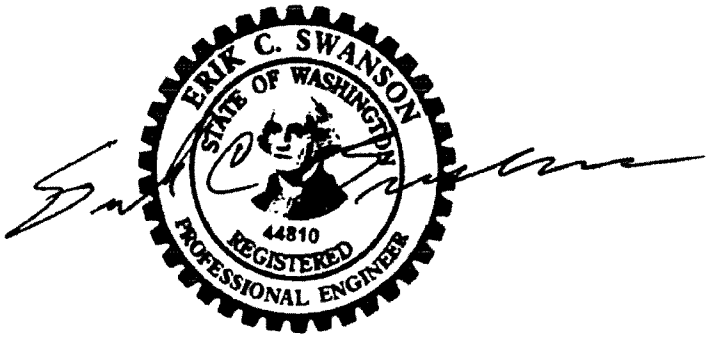
In support of the request to operate with -10 dBc in the lower sideband, the undersigned conducted a study which took into account the lower-first-adjacent channel operations in the vicinity. The only nearby full-power station on Channel 250, close enough to require detailed study, is KLVP. KLVP operates on Channel 250C1 at Aloha, Oregon, and holds both a license and a construction permit. As is demonstrated by the attached study map, the 49.5 dBu F(50,10) contour from the licensed KING-FM facility does not overlap the 60 dBu F(50,50) contour from either the KLVP license or construction permit facilities. While the KING-FM contour comes close to the KLVP construction permit contour, inspection at large scale has confirmed that the contours are nearly tangent, but do not overlap.

The contours on this map exhibit were calculated using the standard contour calculation methodology set forth in §73.313 of the Commission's Rules, using average terrain values derived from the 3-arc second terrain database.

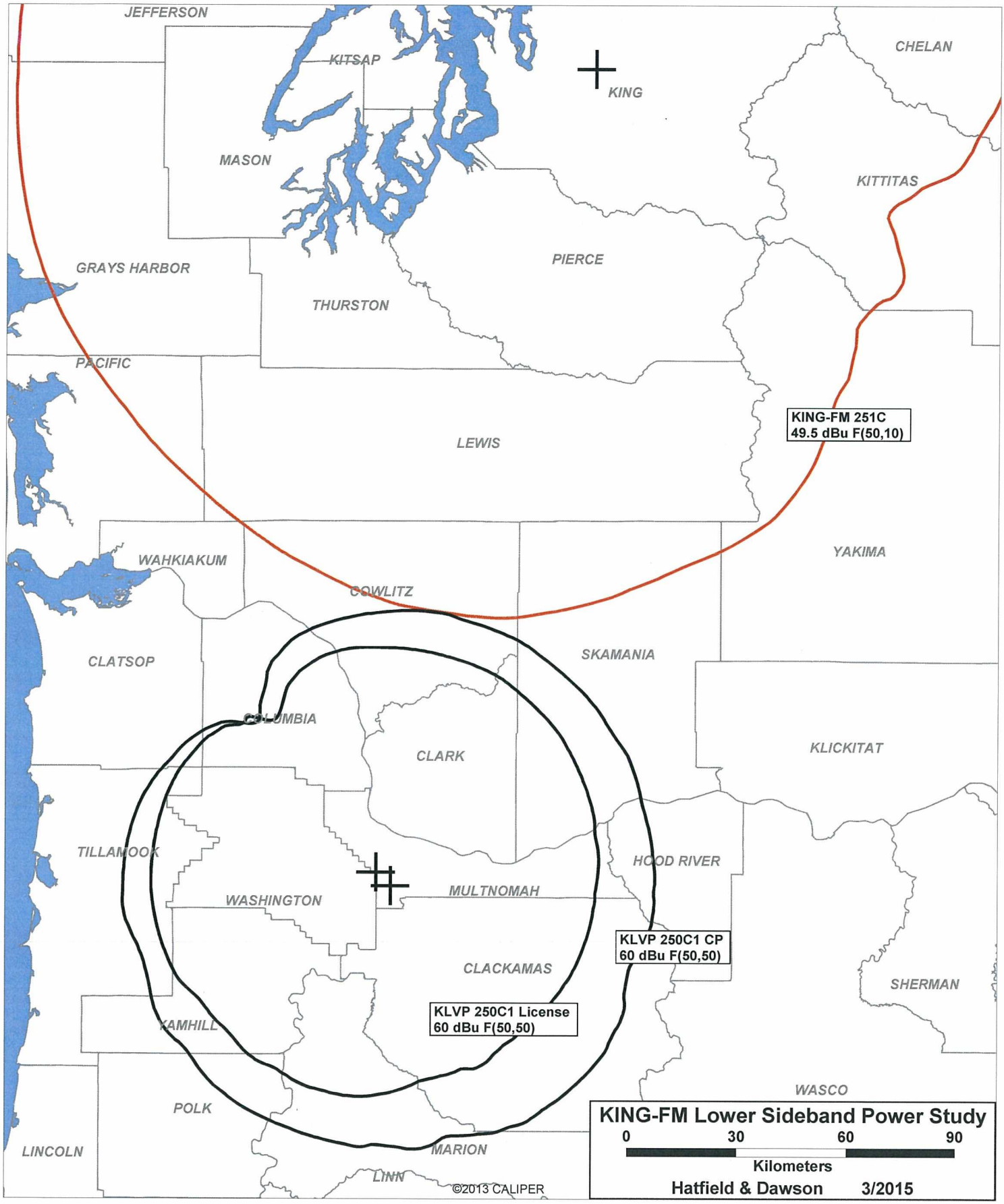
Statement of Engineer

This Engineering Statement has been prepared by me or under my direct supervision. I am a Partner in the firm of Hatfield & Dawson Consulting Engineers, and am registered as a Professional Engineer in the State of Washington. I hereby declare that the facts set out in the foregoing Engineering Statement, except those of which official notice may be taken, are true and correct.

Signed this 26th day of March 2015



Erik C. Swanson, P.E.


JEFFERSON
KITSAP
KING
CHELAN
MASON
KITTITAS
GRAYS HARBOR
PIERCE
THURSTON
PACIFIC
KING-FM 251C
49.5 dBu F(50,10)
LEWIS
WAHKIAKUM
YAKIMA
COWLITZ
CLATSOP
SKAMANIA
COLUMBIA
CLARK
KLICKITAT
TILLAMOOK
HOOD RIVER
WASHINGTON
MULTNOMAH
KLVP 250C1 CP
60 dBu F(50,50)
CLACKAMAS
SHERMAN
KLVP 250C1 License
60 dBu F(50,50)
YAMHILL
WASCO
POLK
LINCOLN
MARION
LINN
©2013 CALIPER
KING-FM Lower Sideband Power Study
0
30
60
90
Kilometers
Hatfield & Dawson 3/2015