

FEDERAL COMMUNICATIONS COMMISSION

**445 12th STREET SW
WASHINGTON DC 20554**

DEC 13 2011

**MEDIA BUREAU
AUDIO DIVISION
APPLICATION STATUS: (202) 418-2730
HOME PAGE: www.fcc.gov/mb/audio**

**PROCESSING ENGINEER: Rudy Bonacci
TELEPHONE: (202) 418-2722
FACSIMILE: (202) 418-1410
MAIL STOP: 1800B3
INTERNET ADDRESS: rodolfo.bonacci@fcc.gov**

South Sound Broadcasting, LLC
P.O. Box 53248
Bellevue, WA 98015

In re: KOMO-FM, Oakville, WA
Facility I.D. No.: 51167
South Sound Broadcasting, LLC
Request for confirmation of compliance with
47 C.F.R. § 73.1125

Dear Licensee:

This refers to your technical consultant's letter requesting confirmation that the main studio location of KOMO-FM, Seattle, WA, complies with 47 C.F.R. § 73.1125. The letter included a supplemental showing of technical statements and studies which use an alternate propagation methodology to demonstrate that the main studio location is within the 70 dBu field strength contour for the facilities specified by KOMO's license BLH-20080514AGI, as required by 47 C.F.R. § 73.1125. The main studio is located at 140 4th Avenue North, Seattle, WA (47° 37' 09" N.L., 122° 20' 50" W.L.).

The engineering study which KOMO submitted calculated the desired field strength contours using the Institute of Telecommunications Sciences Irregular Terrain Model, also known as the "Longley-Rice" model, permitted by 47 C.F.R. § 73.313(e) and (f). Your study indicates that the 140 4th Avenue North location lies within the 70 dBu contour as defined using the Longley-Rice prediction methodology. Furthermore, the exhibit demonstrates that the distance to KOMO's authorized 70 dBu field strength contour exceeds the distance to the 70 dBu field strength contour as calculated using the F(50,50) propagation curves by approximately 21% along the azimuth from KOMO's transmitter location in the direction of the proposed main studio. Therefore, your engineering showing was referred to the Commission's Office of Engineering and Technology (OET) for a detailed propagation analysis.

By way of a Memorandum dated November 29, 2011, the OET confirmed that the main studio location is encompassed by the 70 dBu field strength contour of the facilities specified in KOMO's license. Accordingly, we find that KOMO's main studio location would be in compliance with 47 C.F.R. § 73.1125.

Sincerely,



Rodolfo F. Bonacci
Assistant Chief
Audio Division
Media Bureau

cc: J. Dominic Monahan, Esq.