

James H. Baker
Land Surveyor

March 19, 2011

RE: FCC Broadcast Permit File Number BMPED-20100701CJX for KMUE in Eureka, California

To Whom it May Concern:

This letter is to certify that on March 19, 2011 I verified the orientation of the new KMUE antenna which was being installed on Kneeland in Humboldt County, California.

Utilizing the NGS monuments LU2234 on Kneeland and LV0800 at the Humboldt Bay Coast Guard Barracks on the north spit of Humboldt Bay to provide an azimuth base, the antenna was oriented and secured on the tower under my direction to the design orientation of 269 degrees geodetic (true) azimuth, as shown on the Shively Labs installation drawing. The accuracy to which the antenna was oriented was better than 0.5 degrees of azimuth.

The orientation was determined through standard survey procedures with a Topcon GTS 301D "total station" instrument, and monument data obtained from the National Geodetic Survey website at www.ngs.noaa.gov. An Azimuth mark was set about 300 feet from the center of the vertical steel pipe on which the antenna was clamped. The antenna was aimed at the azimuth mark upon which the Topcon GTS 301D was set, and I checked and confirmed the alignment of the center of the antenna and the center of the vertical pipe upon which it was clamped to confirm the antenna orientation of 269 degrees geodetic (true) azimuth prior to final clamping.

Yours truly,



James H. Baker, Calif. P.L.S. # 4784

