



**RADIO Merced**<sup>SM</sup>  
The Voice Of The Valley

November 9, 2004

To Whom It May Concern:

On November 8, 2004, I supervised the construction, mounting, and aiming of a new Propagation Systems Inc. (PSI) PSIFM-4C-DA Full Wave Spaced Directional FM Antenna at radio station KHPO FM in Merced, CA for FCC Construction Permit BPH-20040408AAO.

I personally supervised the construction of the antenna, paying specific attention to the details provided in the PSI Antenna Reference Manual Ref. J704FM-416. All Dimensions, lengths, measurements, and antenna element orientations shown in Ref. J704FM-416 Drawing 1, 2, 3, 10, 13, 15, 17, and 18 were followed in detail during the construction of this antenna.

The antenna was mounted on the tower by P & R Tower Company of Sacramento, CA under my supervision. The critical aiming of the antenna was performed under supervision of a State of California licensed surveyor from Fremming, Parson & Pecchenino Consulting Engineers of Merced, CA.

I certify that the PSIFM-4C-DA antenna at KHPO FM has been constructed, installed, and aimed in accordance with the manufacturers recommendations and instructions.

Rick McMillion  
Chief Engineer  
Mapleton Communications - Merced

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KABX 97.5 • KLOQ 98.7 • KHPO 106.3 • KYOS 1480 • KTIQ 1660 • KBRE 92.5



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FOUNDER

November 8, 2004

2959.02

Mapleton Communications  
1020 W. Main Street  
Merced, CA 95340

Subject: Azimuth Verification for Antenna Installation

To Whom It May Concern:

On November 8, 2004, survey services were provided to Mapleton Communications prior to and following the installation of a transmission antenna on an existing radio tower. The tower is located approximately 1000 feet east of Snelling Road and approximately 2.3 miles north of La Paloma Road in Merced County, California. The services provided included the placing of a reference point on the ground to mark an azimuth of 290° from Geodetic (true) North relative to the existing radio tower, to aid the installation crew in aligning the antenna in the correct direction.

The location of the reference point to aid in the alignment of the antenna was placed using Real Time Kinematic GPS equipment, using WGS 84 coordinates.

After the installation of the antenna was complete, our survey crew visited the site and occupied the reference point. The surveyor sited the installed antenna and visually verified that the antenna was oriented at an azimuth of 290° from Geodetic (true) North.

This antenna is for Radio Station KHPO at 106.3, the antenna is located approx. 79 meters above existing ground at the antenna base.

Fremming Parson & Pecchenino  
David Heinrichs, PLS 7621



*David D. Heinrichs*  
11-8-04