

B. W. St. Clair

Exhibit 4
Engineering Statement
in support of a
CP Modification, BMPTTA-20030428AEJ
Channel 28, San Francisco, CA
Polar Broadcasting, Inc.

BACKGROUND

Applicant holds a license for the operation of KFTL-CA at the present time as well as a construction permit for a modest ERP increase and a slight move to Mt. San Bruno. This application will change the antenna make and model, increase the ERP on the horizon, decrease the maximum ERP, and correct the heights of the antenna and tower.

ADDITIONAL INTERFERENCE CONSIDERATIONS

Interference to the following stations was studied using "Population Loss Studies" based on the "Longley-Rice Terrain Algorithm" in accordance with OET Bulletin 69.¹ Population loss for each station is less than 0.5%.

EXHIBIT 4 - FULL SERVICE TV STATIONS

BLCT-19990625KG	KDTV-TV, Channel 14, SAN FRANCISCO, CA
BLCT-2507	KTSF-TV, Channel 26, SAN FRANCISCO, CA
BLET-19910910KE	KMTP-TV, Channel 32, SAN FRANCISCO, CA

EXHIBIT 5 - FULL SERVICE DTV STATIONS

BMPCDT-20000428AAT	KTSF-DT, Channel 27, SAN FRANCISCO, CA
BLCDT-20030204AGN	KMPH-DT, Channel 28, VISALIA, CA
BPCDT-19991001AAM	KMPH-DT, Channel 28, VISALIA, CA
BLCDT-19990301KF	KPIX-DT, Channel 29, SAN FRANCISCO, CA

¹ The analysis was performed on a Sun "Blade" Computer using the exact replica of the FCC program. Population losses of less than 0.5% are not reported in detail. Only an indication of no interference is shown.

EXHIBIT 6 - LOW POWER TV STATIONS

BPTTA-20040218AMR KKPM-CA, Channel 28, CHICO, CA

BLTTL-19991015AAI KKPM-CA, Channel 28, CHICO, CA

BLTTA-20030212AAT KDTV-CA, Channel 28, SANTA ROSA, CA