

B. W. St. Clair

**ENGINEERING STATEMENT
TECHNICAL EXHIBIT
IN SUPPORT OF APPLICATION FOR LPTV CONSTRUCTION PERMIT**

MINOR MODIFICATION TO CONSTRUCTION PERMIT

K61AA, FCC ID #67543

FCC FILE NUMBER BPTTL-20040401AOZ

SYNCOM MEDIA GROUP, INC.

MINOR MODIFICATION TO CONSTRUCTION PERMIT. The within application is filed as a minor modification to CP, seeking a change in TL, ERP and antenna. New transmitter location is within the Grade A contour of the CP which it proposes to modify. New site is on an unregistered 13.0 m tower shared with others on Eldorado Mountain, CO.

COMPOSITE ANTENNA ARRAY. The proposed antenna is shared with existing facility KCIN-LP, also owned by the applicant. The antenna is an MCI 955581 array with 1.75° electrical beamtilt combined with 1.0° mechanical beamtilt toward the the 45° pattern angle. The directional antenna relative field values tabulation on the application takes these conditions into account. The antenna appears on CDBS as antenna number 65008.

INTERFERENCE STUDY. The following is submitted as an OET 69 Longley-Rice study exhibit for the above-captioned application.

- a. The stations which exhibit contour overlap or short spacing and thus must be studied are:
- | CALLSIGN AND LOCATION | FCC FILE NUMBER | INTERFERENCE FROM PROPOSAL |
|---------------------------|-------------------|----------------------------|
| KPXCTV (59) Denver, CO | BLCT-19970930KQ | Less than 0.5% |
| K23GJ (61) Estes Park, CO | BPTTL-19999991AAV | See Para 4 below. |

- b. Accordingly, waiver of \$74.705 as appropriate is requested.

OBSOLETE LISTING. According to the FCC's CDBS, an interference overlap is shown with K23GJ Channel 61, FCC ID #67544, also owned by the within applicant. It arises from an earlier construction permit (BPTTL-19991119AAV) which was modified and therefore superseded by BMPTTL-20010820AAS to be displaced to channel 23. Subsequently, the channel 23 facility was licensed as BLTTL-20021218AAJ.

J. R. McDonald
4/21/2004