

EXHIBIT E-1

CONTOUR OVERLAP AND  
LONGLEY-RICE INTERFERENCE STUDIES  
PROPOSED WSLF-LP  
CHANNEL 44 – PORT ST. LUCIE, FLORIDA  
[AMENDMENT TO BPTTL-20050503AAG]

We conducted a computer analysis of the interference situation for the proposed facility, the results of which are shown in Exhibit E-2. The study is based on contour protection requirements of Sections 74.705, 74.706, and 74.707 of the FCC's Rules with respect to analog full-power, digital full-power, and low power television stations, respectively. It concludes that the facility proposed herein meets these requirements except to seven stations: WTOG(TV), Channel 44, St. Petersburg, Florida; W44AY, Channel 44, Fort Pierce, Florida; WFLX(TV), Channel 29, West Palm Beach, Florida; WTCN-CA, Channel 43, Palm Beach, Florida; and, WPPB-DT, Channel 44, Boca Raton, Florida; WSCV(TV), Channel 51, Fort Lauderdale, Florida; WXEL-TV, Channel 42 in West Palm Beach, Florida; and, WHFT-TV, Channel 45, Miami, Florida.

With respect to the WPPB-DT Construction Permit, BPEDT-19991028ACM, the permittee has a pending Petition for Rulemaking to change their present Channel 44 digital allotment in Boca Raton, Florida, to Channel 40. This instant application assumes that the Commission will grant said petition and, therefore, we ask the Commission to disregard any interference to WPPB-DT on Channel 44.

We then conducted detailed interference studies using the Longley-Rice methodology contained in the Commission's *OET Bulletin No. 69*, with respect to the remaining facilities of concern. The software utilizes a 2-square kilometer cell size,

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calculates signal strength at 1.0 kilometer increments along each radial studied, and employs the 1990 U.S. Census to count population within cells. In addition, the program does not attribute interference to the proposed facility in cells within each station's protected contour where interference from another source (other than proposed WSLF-LP) already is predicted to exist (also known as "masking"). The results of these studies are provided in Exhibit E-3. It concludes that the facility proposed herein causes no new interference to any of the above stations.

As a result, a waiver of Section 74.705 of the Commission's Rules with respect to interference to WTOG, WFLX, WSCV, WXEL-TV, and WHFT-TV; and Section 74.707 with regard to W44AY and WTCN-CA are requested and believed to be justified based on the aforementioned Longley-Rice studies.

SMITH AND FISHER

EXHIBIT E-2

PROPOSED WSLF-LP  
PORT ST. LUCIE - FLA

REFERENCE  
26 45 47 N  
80 12 19 W

LPTV Pwr = 150 kW, HAMS L COR= 105 M

DISPLAY DATES  
DATA 05-05-05  
SEARCH 05-09-05

..... Channel 44+, 650 MHz .....

| Call      | Channel | Location        | Dist      | Azi   | FCC      | Margin |
|-----------|---------|-----------------|-----------|-------|----------|--------|
| WFLX* LI  | 29+     | West Palm Beach | FL 20.95  | 190.1 | > 100.11 | -78.22 |
| WPPB-D*CP | 44      | Boca Raton      | FL 85.40  | 177.9 | > 151.29 | -65.77 |
| WTOG* LI  | 44+     | St. Petersburg  | FL 235.78 | 300.7 | > 284.18 | -48.40 |
| W44AY* LI | 44-     | Fort Pierce     | FL 88.27  | 349.5 | > 129.69 | -30.11 |
| WTCN-C*LI | 43-     | Palm Beach      | FL 29.20  | 5.2   | > 052.48 | -23.01 |
| WSCV LI   | 51Z     | Fort Lauderdale | FL 86.12  | 179.2 | > 100.00 | -13.88 |
| WXELTV LI | 42+     | West Palm Beach | FL 20.95  | 190.1 | > 032.00 | -11.05 |
| WXELTV CP | 42+     | West Palm Beach | FL 20.95  | 190.1 | > 032.00 | -11.05 |
| WHFTTV*LI | 45+     | Miami           | FL 85.40  | 177.9 | > 079.67 | 5.91   |
| WHDT-L*CP | 44N     | Miami           | FL 87.77  | 180.2 | > 064.43 | 23.36  |
| WHDT-L*LI | 44N     | Miami           | FL 87.77  | 180.2 | > 052.67 | 35.11  |
| WTVK-D*LI | 45      | Naples          | FL 158.07 | 271.3 | > 112.20 | 70.19  |

\* Actual radials antenna height and directional patterns used (if any)

INTERFERENCE SUMMARY  
 PROPOSED WSLF-LP  
 CHANNEL 44 – PORT ST. LUCIE, FLORIDA  
 [AMENDMENT TO BPTTL-20050503AAG]

| <u>Call Sign</u>             | <u>Status</u> | <u>City, State</u>  | <u>Ch.</u> | <u>Longley-Rice<br/>Service<br/>Population</u> | <u>Unmasked<br/>Interference From<br/>Proposed Facility</u> | <u>%</u> |
|------------------------------|---------------|---------------------|------------|--|---|----------|
| WTOG(TV)<br>BLCT-19990415KI  | Lic.          | St. Petersburg, FL  | 44         | 3,124,015                                      | 0   | 0        |
| W44AY<br>BLTT-19931220IK     | Lic.          | Fort Pierce, FL     | 44         | 90,537   | 0   | 0        |
| WTCN-CA<br>BLTTA-20021101AAX | Lic.          | Palm Beach, FL      | 43         | 412,934  | 0   | 0        |
| WFLX(TV)<br>BLCT-19860514KH  | Lic.          | West Palm Beach, FL | 29         | 3,864,094                                      | 0   | 0        |
| WSCV(TV)<br>BLCT-20020805AAC | Lic.          | Fort Lauderdale, FL | 51         | 3,780,171                                      | 0   | 0        |
| WXEL-TV<br>BLET-19820625KF   | Lic.          | West Palm Beach, FL | 42         | 2,480,903                                      | 0   | 0        |
| WXEL-TV<br>BPET-20030212AAE  | CP            | West Palm Beach, FL | 42         | 3,131,281                                      | 0   | 0        |
| WHFT-TV<br>BLCT-19951209KF   | Lic.          | Miami, FL           | 45         | 3,724,378                                      | 6,543   | 0.2      |