

EXHIBIT A

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of FOX TELEVISION STATIONS, INC., licensee of Digital Television Station WFXT-DT, Channel 31 in Boston, Massachusetts, in support of its request for Special Temporary Authority to operate post-transition on Channel 31 with its digital auxiliary facility, authorized in BXPCDT-20080321ABZ until such time as it can finish construction of its final post-transition DTV facility (BMPCDT-20080307ABR). No changes in the operating parameters of the auxiliary are proposed herein. It is important to note that the auxiliary facility is also the presently licensed DTV facility for WFXT-DT.

This STA is necessary because the present analog Channel 25 transmitter cannot be re-tuned to Channel 31 and retrofitted for digital operation until after analog sunset (February 17, 2009). In addition, due to tower loading issues and the fact that the digital antenna will be placed in the analog antenna's aperture, the DTV antenna cannot be mounted until the analog antenna is removed. It is anticipated that this STA will be required through April, 2009.

Exhibit B is a map upon which the noise-limited contours of analog WFXT-TV and the proposed WFXT-DT facility are plotted. We have performed a Longley-Rice-based coverage analysis for the proposed facility and find that the interference-free service population is 6,077,170 (based on the 2000 U. S. Census). This value is 94.8% of the analog interference-free service population (6,408,556) calculated by the FCC and reported in their allotment table (dated December 21, 2004). In addition, since the facility proposed herein represents the same DTV operation that presently exists for WFXT-DT, no loss of

EXHIBIT A

digital television viewership of WFXT-DT will result from implementation of this proposal. On these bases, this proposal meets the Commission's 85% coverage requirement for post-transition STA facilities.

Finally, we have conducted a Longley-Rice interference study (based on the methodology contained in the FCC's *OET Bulletin 69*). The results of that study are provided in Exhibit C. It concludes that the proposed temporary post-transition operation of the WFXT-DT auxiliary facility will not cause more than 0.5 percent interference to any post-transition digital television facility or Class A low power television station.

I declare under penalty of perjury that the foregoing statements are true and correct to the best of my knowledge and belief.

A handwritten signature in blue ink, appearing to read 'K. T. Fisher', with a stylized, flowing script.

KEVIN T. FISHER

September 9, 2008

SMITH and FISHER

- ANALOG WFXT-TV NOISE-LIMITED CONTOUR
- WFXT-DT STA NOISE-LIMITED CONTOUR



EXHIBIT B
CONTOUR COMPARISON
PROPOSED WFXT-DT STA
CH. 31 - BOSTON, MA

INTERFERENCE STUDY
PROPOSED WFXT-DT STA
CHANNEL 31 – BOSTON, MASSACHUSETTS

The instant application specifies an ERP of 78 kw (directional) at 330 meters above average terrain, which we have determined to be allowable under the FCC's recently approved interference standards with respect to various post-transition digital television facilities as they will exist on or before February 17, 2009, the date by which all stations must operate with the parameters recently adopted in the Commission's DTV Table of Allotments.

In evaluating the interference effect of this proposal, we have relied upon the V-Soft Communications "Probe III" computer program, which has been found generally to mimic the FCC's program. In conducting our studies, we employed a cell size of 1.0 kilometer and an increment spacing of 0.1 kilometer along each radial. In addition, we utilized the 2000 U.S. Census. Changes in interference caused by proposed WFXT-DT STA facility to other pertinent stations are tabulated in Exhibit C-2.

As shown, the proposed WFXT-DT facility would not contribute more than 0.5% interference (beyond that which is caused by the allotted WFXT-DT facility) to the service population of any potentially affected post-transition DTV station.

A Longley-Rice interference study also reveals that the proposed WFXT-DT facility does not cause significant (0.5%) interference within the protected service contour of any potentially affected Class A low power television station.

Therefore, this proposal meets the FCC's *de minimis* interference standards for DTV operations.

EXHIBIT C-2

INTERFERENCE STUDY SUMMARY
PROPOSED WFXT-DT STA
CHANNEL 31 – BOSTON, MASSACHUSETTS

<u>Call Sign</u>	<u>City, State</u>	<u>CH.</u>	<u>Coverage Population</u>	<u>Interference Population From WFXT-DT*</u>	<u>%</u>
WTIC-DT Allotment	Hartford, CT	31	4,390,994	0	0
WTIC-DT BMPCDT-20080620ADP	Hartford, CT	31	4,546,956	0	0
WPXN-DT BMPCDT-20080620ALZ	New York, NY	31	19,259,198	0	0

*Above that caused by the allotment facility.

Note: This study utilized a cell size of 1.0 km and an increment spacing of 0.1 km.