



SUPPLEMENTAL ENGINEERING STATEMENT

APPLICATION FOR MINOR MODIFICATION

(FILE No BPCDT-20040330ABZ)

WFTS-DT

Tampa, FL

The Commission staff has requested a further showing regarding the request for maximization of WFTS-DT.

As stated in the engineering statement accompanying the above captioned application, Section 73.622(f)(5) of the Commission's Rules allows a station to increase its DTV power (up to 1 MW) until it matches the same geographic coverage area as that of the largest station in its market. The station with the largest coverage area in the Tampa market is WEDU which has been allotted Channel 54 with an ERP of 1 MW at an HAAT of 473 m. Appendix A, attached hereto, contains the printout of the coverage calculations for WFTS and WEDU inside their FCC F(50, 90) 41 dBu contours. The table below lists the area (in square kilometers) inside each station's coverage area.

Station	Sq. km
WEDU-DT	38552
WFTS-DT App.	37233

Since WFTS is allowed to use an ERP up to that required to match the coverage of the largest station in the market, its ERP can be increased to 987 kW [as allowed under Section 73.622(f)(5)].

**Certification**

I hereby certify that the foregoing report or statement was prepared by me but may include work performed by others under my supervision or direction. The statements of fact contained therein are believed to be true and correct based on personal knowledge, information and belief unless otherwise stated; with respect to facts not known of my own personal knowledge, I believe them to be true and correct based on their origin from sources known to me to be generally reliable and accurate. I have prepared this document with due care and in accordance with applicable standards of professional practice.

John F.X. Browne, P.E.
October 15, 2004



Appendix A

V-Soft Communications Population Report

Contour Parameters:

Type: FCC Contour

F(50-90) Cutoff: 41.00 dBu

Population Database: 2000 US Census (SF1)

Primary Terrain: V-Soft US 3 Arc-Second Database

Secondary Terrain: V-Soft World 30 Arc-Second Database

----- Transmitter Information:

Call Letters: WEDU-DT

File Number: BPEDT19991112ACO

Latitude: 27-50-52 N

Longitude: 082-15-48 W

ERP: 1000.00 kW

Channel: 54

Frequency: 713.0 MHz

AMSL Height: 473.0 m

Horiz. Antenna Pattern: Omni

Vert. Elevation Pattern: Yes

Electrical Beam Tilt: 0.75

Total Population Within Contour: 4,330,653

Total Housing Units Within Contour: 2,078,269

Total Area Within Contour: 38552.02 sq. km

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----- Transmitter Information:

Call Letters: WFTS-DT Application

File Number: BPCDT20040330ABZ

Latitude: 27-50-32 N

Longitude: 082-15-45 W

ERP: 987.00 kW

Channel: 29

Frequency: 563.0 MHz

AMSL Height: 495.0 m

Horiz. Antenna Pattern: Directional

Vert. Elevation Pattern: Yes

Electrical Beam Tilt: 1.0

Total Population Within Contour: 4,123,101

Total Housing Units Within Contour: 1,992,080

Total Area Within Contour: 37233.20 sq. km