

Exhibit 42 - Statement A
ALLOCATION CONSIDERATIONS
prepared for
Thomas Broadcasting Co.
WOAY-DT Oak Hill, West Virginia
Facility ID 66804
Ch. 50 600 kW 200 m

Thomas Broadcasting Co. (“*Thomas*”) is the permittee of WOAY-DT, Channel 50, Oak Hill, West Virginia (BPCDT-19991101AJZ) and licensee of the paired analog WOAY-TV Channel 4 facility (BLCT-449). Under its Construction Permit (“CP”), WOAY-DT is authorized to operate with an effective radiated power (“ERP”) of 1000 kW at an antenna height above average terrain (“HAAT”) of 236 meters. WOAY-DT is currently operating pursuant to Special Temporary Authorization (“STA”) at a reduced power level of 0.46 kW and an antenna HAAT of 191 m (BDSTA-20021023ABJ).

The instant application proposes to modify the CP to specify operation of WOAY-DT with an ERP of 600 kW at 200 meters antenna HAAT. Non-directional operation is proposed, using a Dielectric model TFU-32DSB-A(C) antenna side-mounted on the existing WOAY-TV tower structure.

The existing WOAY-DT antenna supporting structure is associated with FCC Antenna Structure Registration (“ASR”) number 1053536. No change in site location is proposed.¹ No change to the overall structure height will result from this proposal.

A map is supplied as **Exhibit 42 - Figure 1**, which depicts the standard predicted coverage contours. This map includes the boundaries of Oak Hill, WOAY-DT’s principal community. As demonstrated thereon, the proposed facility complies with §73.625(a)(1), as the entire principal community will be encompassed by the 48 dBμ contour.

¹The site coordinates as specified in the analog WOAY-TV license differ from the DTV CP, DTV STA, and underlying ASR by four seconds latitude. The coordinates specified in the instant proposal correspond to the ASR (# 1053536).

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The map attached as **Exhibit 42 - Figure 2** supplies a comparison of the presently authorized and proposed 41 dBμ noise-limited DTV service contour locations, as well as that of the underlying allotment. No extension in contour location will result, in compliance with the Commission's August 3, 2004 "freeze" concerning expansion in service area.²

WOAY-DT has successfully received a tentative post-transition channel assignment corresponding to the present WOAY-TV Channel 4, and will "carry over" its authorized maximization Channel 50 facility (BPCDT-19991101AJZ) back to Channel 4 (see *Thomas' Pre-Election Certification for WOAY-DT*, BCERCT-20041104BCG). As shown below, the proposed facility would serve 82.6% of the target baseline service population, which satisfies the 80% population match requirement of the DTV Channel election process³.

WOAY-DT Population Match Determination⁴

<u>WOAY-TV Facility</u>	<u>ERP/HAAT</u>	<u>Interference-Free Service Population (2000 Census)</u>	<u>Percent match of Target</u>
NTSC Ch. 4 (1997 baseline facility)	100 kW / 226 m	530,482	--
DTV Ch. 50 Allotment	1000 kW / 226 m	546,321	--
DTV Ch. 50 Proposed	600 kW / 200 m	438,437	82.6%

Allocation Matters

Under the instant proposal, WOAY-DT will operate at its presently authorized site with reduced ERP and HAAT. The proposal's ERP/HAAT combination (600 kW / 200 m) does not exceed that which was allotted to WOAY-DT (1000 kW / 226 m), therefore a detailed interference study per OET Bulletin 69 is not required. As a "checklist" facility, no consideration of Class A television stations is required.

²Public Notice "*Freeze on the Filing of Certain TV and DTV Requests for Allotment or Service Area Changes*," DA 04-2446, released August 3, 2004.

³See Report and Order, "*Second Periodic Review of the Commission's Rules and Policies Affecting the Conversion to Digital Television*," FCC 04-192, released September 7, 2004.

⁴Interference-free service population is population within contour less population subject to terrain blockage and interference per FCC OET Bulletin 69. Target population for "Percent Match" is the smaller of the 1997 NTSC facility and DTV allotment.

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The nearest FCC monitoring station is 400.4 km distant at Laurel, MD. This exceeds by a great margin the threshold minimum distance specified in §73.1030(c)(3) that would suggest consideration of the monitoring station.

The only authorized AM broadcast station within 3.2 km (2 miles) of the proposed site is WOAY(AM) (Fac ID 12550, 860 kHz, Oak Hill, WV) according to information extracted from the Commission's engineering database. WOAY(AM) employs the same tower structure as WOAY-TV and WOAY-DT. A separate antenna for station WAXS(FM) (Fac ID 52789, Ch. 231B, Oak Hill, WV) is also on the same tower structure.

The installation of the proposed WOAY-DT facility will be coordinated with the WOAY(AM) operation. The WOAY(AM) antenna coupling components will be adjusted as needed following construction, and AM antenna impedance measurements will be conducted. An Application for Direct Measurement of Power for WOAY(AM) on FCC Form 302-AM will be submitted if it is found that the AM antenna impedance has changed beyond the tolerance of licensed values as a result of the WOAY-DT installation. Since the WOAY-DT antenna will be co-located with WOAY(AM), no pattern disturbance of WOAY(AM) is expected and it is requested that no pattern disturbance condition be placed on the WOAY-DT Construction Permit.

Thus, this proposal is believed to be in compliance with the current Commission Rules and policy with respect to allocation matters.



