

**AMEND BPCDT-20080215AJF**  
**MERIDIAN COMMUNICATIONS OF IDAHO, INC.**  
**NEW DT TV STATION**  
**CH 20 - 506-512 MHZ - 50.0 KW**  
**IDAHO FALLS, IDAHO**  
**June 2008**

**TECHNICAL STATEMENT**

This Technical statement and attached exhibits were prepared on behalf of Meridian Communications of Idaho, Inc. ("MCI"), permittee of a new analog TV station on Channel 20Z, Idaho Falls, Idaho (BPCT-19950306KF). In the initial grant of its permit, MCI did not receive a paired digital channel for transition to digital operation. As such, MCI filed an application to convert to digital on its analog channel (BPCDT-20080215AJF). MCI, in light of the recent lifting of a freeze on maximization applications and petitions for digital channel substitutions<sup>1</sup>, proposes to amend its pending digital application by relocating to an alternate transmitter site and increasing the height above average terrain of the facility. No other change is proposed. As the proposed antenna employs 1.0° of beam tilt, attached as Exhibit A is a vertical elevation pattern of the Dielectric antenna.

The increase in height, with a proposed power level of 50.0 kilowatts, will not impact any of the Appendix B DTV facilities. An outgoing interference study using OET Bulletin No. 69 methodology<sup>2</sup> was undertaken to review interference. As indicated on Exhibit B, the proposed operation of the new DTV facility on Channel 20 will not impact any DTV facility with new

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1) DA 08-1213, released May 30, 2008.

2) A 2.0 kilometer cell was used for review, with terrain sampled in 0.1 kilometer increments. The analysis was conducted using the V-Soft Probe3 software which has been found to replicate the model used by the Commission for DTV analysis.

interference above 0.5% caused to any facility. The tower on which the antenna is installed has been assigned Antenna Structure Registration Number 1012051. The proposed new DTV facility will provide the required coverage over the community of license, as indicated in Exhibit C. The proposed new DTV facility will not exceed the radio frequency exposure limits, as indicated in Exhibit D.

All remaining exhibits used to prepare this application have been provided to MCI and are available for submission to the Commission upon request.<sup>3</sup>

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3) The undersigned has evaluated only the radio frequency radiation exposure limits of this proposal. All other environmental issues have been or will be, reviewed by the applicant. Further, all data regarding broadcast facilities was extracted from the CDBS database. We assume no liability for errors or omissions in that database that may be adverse to the requests contained herein.