

INTERFERENCE STUDY
PROPOSED KSKN-DT
CHANNEL 36 – SPOKANE, WASHINGTON
[AMENDMENT TO BMPCDT-20031110AMP]

The Commission allotted Channel 36 to KSKN-DT with a nominal ERP of 50 kw at 429 meters above average terrain. The instant application specifies an ERP of 1,000 kw (directional) at 622 meters, which we have determined to be allowable under the FCC's *de minimis* standards with respect to various NTSC and DTV facilities.

In evaluating the interference effect of this proposal, we have relied upon the V-Soft Communications "Probe" computer program, which has been found generally to mimic the FCC's program. In conducting our studies, we employed a signal resolution of 2 kilometers and an increment spacing of 1.0 kilometer along each radial. In addition, we utilized the 1990 U.S. Census.

We have determined that the proposed KSKN-DT facility would not contribute interference to the service population of any potentially affected NTSC or DTV station. A similar study reveals that that this facility causes no Longley-Rice-based interference to any Class-A low power television facility.

It is important to note that interference is calculated to the authorized and allotted facilities of KUID-DT, Channel 35 in Moscow, Idaho. However, the Commission recently granted a Petition for Rulemaking (BPRM-20020805ABC) that allots Channel 12 to KUID-DT and allows the station to operate a small analog facility on Channel 35. The facility proposed herein does

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not cause any interference to the KUID analog operation on Channel 35. Therefore, because KUID-DT will never operate on Channel 35, interference to that authorization (BPEDT-20000501AFW) and its corresponding allotment can be ignored.

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