

Engineering Statement and Interference Analysis

This technical statement supports this amendment to modify BDISDTL-20090821ADM, a digital displacement application on channel 27 for KHTV-LP in Los Angeles, CA, Facility ID 60026.

The proposed facility was studied using the Techware's tv_process_2010 software on a Sun Blade 1500 using the post transition database and the 2000 US Census. The proposed changes in this amendment are as follows:

- Section III, Question 8 thru 11
- Section III, Question 12 to use a Full Power DTV Emission Mask¹

Additionally, the Applicant requests that the Commission processes this amendment using the followings Longley-Rice analysis settings:

- Cell Size for Service Analysis of 1.0 km per side
- Distance Increments for Longley-Rice Analysis of 1.0 km

Amendment to Current Application (BDISDTL-20090821ADM)

On August 21, 2009, VTG proposed a digital displacement application to move KHTV-LP from analog channel 48 to digital channel 27, see FCC File No. BDISDTL-20090821ADM. However, on March 24, 2010, San Bernardino Community College District ("SBCCD"), the licensee of KVCR-DT (Facility ID 56785) filed an informal objection against the proposed KHTV-LP digital displacement on channel 27 citing because SBCCD did not grant the Applicant a waiver to use a full power DTV emission mask and without such a waiver, the proposal would have caused interference to the existing full service KVCR-DT signal.

On April 23, 2010, VTG filed an amendment to lower the ERP significantly to cure the interference to KVCR-DT and SBCCD's informal objection became moot. Nonetheless the amended digital displacement application on channel 27 for KHTV-LP (BDISDTL-20090821ADM) remains pending. Now that the use of a full power DTV emission mask no longer requires permission from SBCCD, VTG proposes to amend BDISDTL-20090821ADM pursuant to the technical parameters specified herein.

Request of Expedited Processing to meet the December 31, 2011 Out-of-Core Transition Deadline

KHTV-LP has been serving southern California viewers for more than a decade. The station originally went on the air in April 1999 on channel 38, see FCC File No. BLTTL-19990404DJ. In May 2001, KHTV-LP was displaced by KPXN-DT in San Bernardino, CA,

¹ *Heading J (Use of Full Power DTV Emission Mask), Paragraph 68 of the Second Report and Order In the Matter of Amendment of Parts 73 and 74 of the Commission's Rules to Establish Rules for Digital Low Power Television, Television Translator, and Television Booster Stations and to Amend Rules for Digital Class A Television Stations, MB Docket No. 03-185. Released and adopted on July 15, 2011. Effective on August 26, 2011.*

Facility ID 58978, and moved to channel 48, see FCC File No. BLTTL-20010507AAM. In May 2003, KHTV-LP was displaced off of channel 48 by the operation of full power digital television station KOCE-DT in Huntington Beach, CA, Facility ID 4328. In October 2004, KHTV-LP began operation on channel 67 pursuant to special temporary authority, see FCC File No. BSTA-20040914AGD.

To ensure KHTV-LP is able to continue its operation as a result of displacement by spectrum reallocation, the Applicant respectfully requests the Commission to provide BDISDTL-20090821ADM expedited processing and full consideration pursuant to *Paragraph 34 of the Second Report and Order In the Matter of Amendment of Parts 73 and 74 of the Commission's Rules to Establish Rules for Digital Low Power Television, Television Translator, and Television Booster Stations and to Amend Rules for Digital Class A Television Stations, MB Docket No. 03-185*, in which the Commission stated that “displacement applications filed on or before the September 1, 2011 deadline will receive expedited processing and will be granted as soon as possible in order that stations can complete construction of their in-core facilities prior to the December 31, 2011 out-of-core transition date.”

Digital Displacement Relief

In 2004, VTG applied for a digital companion channel for KHTV-LP on channel 46 in Los Angeles, CA, see FCC File No. BDCCDTL-20061030ARX but it was dismissed pursuant to FCC letter dated November 11, 2007 (1800E1-MFC). A Petition for Reconsideration was filed on January 7, 2008 and subsequently denied pursuant to FCC letter dated June 4, 2008.

On May 28, 2008, VTG proposed a digital displacement application to move KHTV-LP from analog channel 48 to digital channel 5, see FCC File No. BDISDVL-20080528AFZ. In light of the fact that XHAQ-TV is operating as a full power analog television station on channel 5 in Mexicali, Baja California, Mexico, it is unlikely that the Mexican authorities will not object to the grant of BDISDVL-20080528AFZ. Therefore, on October 14, 2008, VTG proposed another digital displacement application to move KHTV-LP from analog channel 48 to digital channel 44, see FCC File No. BDISDTL-20081014AFC, as amended on January 16, 2009. Subsequently, BDISDVL-20080528AFZ on channel 5 was dismissed pursuant to FCC letter dated July 23, 2009 (1800E1-MTU) and BDISDTL-20081014AFC on channel 44 was dismissed on April 22, 2010.

Digital TV Station Protection

The proposed facility causes less than 0.5% interference to surrounding digital assignments and allotments and facilities (i.e., “*de minimis*”). It is believed that the proposed operation is in compliance with the spirit and intent of the FCC’s interference standards. If necessary, a waiver of the FCC rules is respectfully requested for this digital allocation study based on use of the OET-69 procedures.

Class A, Low Power TV and TV Translator Station Protection

The proposed facility of KHTV is predicted to cause interference to BPTTL-20110608ACJ for KZSW-LP, Channel 27, Riverside, CA, Facility ID 7776. The Applicant has obtained a waiver letter from the licensee KZSW Television, LLC, see Attachment A.

Except for as referenced above, the proposed facility causes less than 0.5% interference to surrounding low power assignments and allotments (i.e., “*de minimis*”). It is believed that the proposed operation is in compliance with the spirit and intent of the FCC’s interference standards. If necessary, a waiver of the FCC rules is respectfully requested for this low power allocation study based on use of the OET-69 procedures.

It is believed that the proposed facility complies with the rule sections of 73.6016, 73.6017, 73.6018, 73.6019, 73.6020, 73.6027, 74.794(b) and other applicable parts of the Rules and Regulations of the FCC. However, to the degree that it is deemed necessary, the Applicant requests a waiver of these other applicable Commission rules in order to allow for the grant of this instant application.