

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

In the Matter of)
)
Amendment of Section 73.622(b) of) MM Docket No.
the Commission's Rules, DTV) RM No.
Table of Allotments)
(Florence, South Dakota))

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

To: Chief, Allocations Branch

**PETITION FOR RULEMAKING AND
REQUEST FOR EXPEDITED ACTION**

1. Young Broadcasting of Sioux Falls, Inc. ("Young"), by its attorneys and pursuant to Section 73.623 of the Commission's rules, hereby requests that the Commission institute a rulemaking proceeding for the purpose of amending the Table of Allotments for the digital television service ("DTV Table") to change the initial DTV channel allotment for station KDLO-TV, Florence, South Dakota, from channel 25 to channel 2. In light of the approaching May 1, 2002 deadline, Young respectfully requests expedited action on this Petition.

2. KDLO-TV currently operates on NTSC channel 3 and has been allotted DTV channel 25 for its digital operations. The station operates as a satellite of KELO-TV, Sioux Falls, South Dakota, and serves a very sparsely populated area. As a result, it has a smaller revenue stream than that enjoyed by most other television stations. The ability to commence digital operations on a VHF frequency will yield significant cost savings, in the form of a smaller transmitter and lower power requirements, which Young can use to provide quality programming to KDLO-TV viewers.

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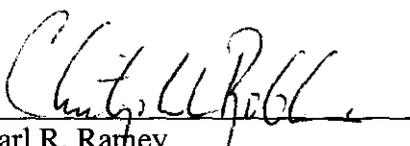
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3. Young thus proposes to amend the DTV Table of Allotments to substitute channel 2 in place of channel 25 at Florence for the use of KDLO-DT. As demonstrated in the attached engineering exhibit, channel 2 can be used from the present KDLO-TV site, where it would be fully-spaced pursuant to the spacing criteria for new DTV allocations set forth in Section 73.623(d) of the Commission's rules. Moreover, such a change would not cause interference to any other authorized DTV broadcast station, DTV allotment or analog television station in excess of the Commission's rules, as set forth in Section 73.623(c)(2).

4. Young is committed to the nationwide DTV transition, and it is prepared to move forward quickly to complete construction of KDLO-DT and to initiate DTV service. Accordingly, in light of the foregoing, Young respectfully requests that the Commission expeditiously commence a rulemaking proceeding to amend the DTV Table of Allotments to allot and assign DTV channel 2 (in lieu of channel 25) to Florence, South Dakota, for use by KDLO-DT.

Respectfully submitted,

YOUNG BROADCASTING OF SIOUX FALLS, INC.

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February 19, 2002

ENGINEERING STATEMENT RE
PETITION FOR RULE MAKING
TO SUBSTITUTE CHANNEL 2 FOR CHANNEL 25
FOR THE DIGITAL TV (DTV) OPERATION OF
KDLO-DT, FLORENCE, SOUTH DAKOTA

FEBRUARY 2002

COHEN, DIPPELL AND EVERIST, P.C.
CONSULTING ENGINEERS
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WASHINGTON, D.C.

Introduction

This engineering report has been prepared on behalf of Young Broadcasting of Sioux Falls, Inc. (Young), licensee of TV station KDLO-TV, Florence, South Dakota in support of a rule making petition to substitute VHF TV Channel 2 (54-60 MHz) for the allotted UHF Channel 25 (536-542 MHz) at Florence, South Dakota.

At present, KDLO-TV operates on analog TV Channel 3 (60-66 MHz) with 100 kW effective radiated power (ERP) and 512 meters antenna height above average terrain (HAAT). The current analog Channel 3 operation of KDLO-TV is with a non-directional TV antenna. Station KDLO-TV has been allotted Channel 25 (536-542 MHz) for its digital TV operation with 1000 kW maximum ERP and 512 meters HAAT. The Commission has granted KDLO-DT a construction permit (BPCDT-19991021ABA) to operate from its licensed TV site with 938 kW ERP and 522 meters HAAT. Young, through this rule making petition, requests the Commission to allot VHF Channel 2 in lieu of UHF Channel 25 at Florence, South Dakota for the digital TV operation (DTV) of station KDLO-DT. It is proposed to operate KDLO-DT on Channel 2 with maximum ERP of 3.7 kW using a non-directional TV antenna and 243 meters HAAT. These facilities complies with the maximum allowable ERP and antenna heights listed under Section 73.622 (f)(6)(i) of the Commission's rules.

The proposed VHF Channel 2 KDLO-DT facility would operate from its licensed antenna site which is located at:

North Latitude: 44° 57' 56"

West Longitude: 97° 35' 22"

It is proposed to amend Section 73.622 of the Commission's rules, Digital Television Table of Allotment, to substitute VHF Channel 2 for UHF Channel 25 at Florence, South Dakota as follows:

<u>Community</u>	<u>Present</u>	<u>Proposed</u>
Florence, South Dakota	25	2

The proposed operation of KDLO-DT on Channel 2 would serve all of Florence with 35 dBu contour as shown on the attached Exhibit E-1. Under MM Docket No. 00-83, the Commission has mandated that VHF DTV stations on Channels 2-6 to provide 35 dBu signal level over its principal community by December 31, 2004.

As demonstrated below the proposed Channel 2 DTV operation at Florence would not cause any harmful interference to any other analog NTSC or DTV stations or allotments exceeding the Commission's guidelines.

Analog NTSC TV Allocation Situation

The attached Table I shows the pertinent nearest co-channel analog NTSC TV stations within 450 km and adjacent channel operations within 250 km of the authorized KDLO-DT antenna site. None of these TV stations were granted after April 3, 1997 with different facilities than licensed now. Therefore, their impact on other analog NTSC TV stations and DTV allotments has been accounted for in the baseline populations figure listed in Appendix B of the Commission's Sixth Report and Order.

An electromagnetic interference study has been conducted to determine any potential interference to other analog NTSC TV stations including Class A LPTV stations from the

proposed Channel 2 DTV operation according to the procedure described in OET Bulletin 69. The attached Table II shows the population which may be potentially impacted by the proposed Channel 2 DTV operation. Table II indicates the proposed Channel 2 DTV operation would not result in more than 2% interference to any analog NTSC TV stations nor would it cause any station to receive overall interference within its Grade B contour which would be 10% or more of its baseline population.

DTV Allocation Situation

The attached Table III shows the nearest co-channel and adjacent channel DTV stations to the proposed Channel 2 DTV operation of KDLO-DT. Table III indicates there are no DTV stations allotted or authorized on Channels 2 and 3 within 450 km of the KDLO-DT site.

Therefore, the proposed Channel 2 DTV operation of KDLO-DT will be in compliance of the Commission's guidelines provided in its Public Notice dated August 10, 1998 (Additional Application Processing Guidelines for Digital Television (DTV)).

The above analysis demonstrates DTV Channel 2 can be substituted for Channel 25 at Florence, South Dakota for the DTV operation KDLO-DT.

Public Interest Reasons for the Substitution

The proposed Channel 2 DTV operation of KDLO-DT would result in substantial saving in the construction cost of a VHF rather than UHF facility by using a smaller transmitter. The lower power operation would also provide savings in the operation of the DTV station. Since KDLO-TV currently serves a very sparsely populated areas its revenue stream is relatively smaller than most of the TV stations. The savings resulting from the construction and operating of a

VHF rather than a UHF facility would permit station KDLO-DT to provide quality programming to its viewers. Young believes the proposed substitution of VHF Channel 2 for UHF Channel 25 at Florence, South Dakota for station KDLO-DT is in the public interest. Furthermore, the proposed Channel 2 DTV operation of KDLO-DT would not cause any harmful interference to any TV, DTV or Class A LPTV stations. Therefore, Young requests the Commission to make the proposed change to its Table of DTV Allotments, Section 73.622 of its rules.

TABLE I
ANALOG NTSC TV
ALLOCATION SITUATION
FOR THE PROPOSED DTV CHANNEL 12 OPERATION OF
KDLO-DT, RELIANCE, SOUTH DAKOTA
FEBRUARY 2002

<u>Channel</u>	<u>Call</u>	<u>City/State</u>	<u>ERP/HAAT</u> kW/meters	Distance from <u>KPLO-DT</u> km
2	KDLO-DT	Florence, SD	3.7/243	–
2	KTCA-TV	St. Paul, MN	100/399	352.2
2	KGFE(TV)	Grand Forks, ND	100/845	354.2
2	KUSD-TV	Vermillion, SD	100/232	222.4
3	KIMT(TV)	Mason City, IA	100/472	419.6
3	KBME-TV	Bismarck, ND	79.4/425	308.1
3	KMTV(TV)	Omaha, NE	100/418	425.9

TABLE III
DTV ALLOCATION SITUATION
FOR THE PROPOSED DTV CHANNEL 2 OPERATION OF
KDLO-DT, RELIANCE, SOUTH DAKOTA
FEBRUARY 2002

<u>Channel</u>	<u>Call</u>	<u>City/State</u>	<u>ERP/HAAT</u> kW/meters	Distance from <u>KDLO-DT</u> km
2	KDLO-DT	Florence, SD	3.7/243	
2	KOTA-DT	Rapid City, SD	7.1/185	461.0
3	None within 450 km			