



2305 Vida Shaw Rd, New Iberia, LA 70563
Phone: 303-378-8209
E-Mail: stcl@comcast.net

B. W. St. Clair

April 12, 2022

Re: K11PS-D FI 41289

K11PS-D is licensed to Mesa County and serves the community of Colbran, CO.

Mesa County has a network of translators that feed each other primary programming that originates from Grand Junction, CO.

Mesa County has discovered that in practice there is interference from an adjacent channel input (Ch 10) for K24LQ-D, which is co-located with K11PS-D.

K11PS-D seeks to displace to a Ch 28 because of the interference issues associated with the adjacent Ch 10 input to K24LQ-D.

K10RB-D located on Grand Mesa, roughly 13 km southeast of Palisade, CO provides the input signal for K24LQ-D at Colbran.

The existing 2 watt contour of K10RB-D encompasses the site where K11PS-D is located.

This is a small rural community in western Colorado. A displacement to Ch 28 would alleviate the adjacent channel problems that occur in practice and causes no interference or complications to any other licensee in the area.

Mesa County believes it is in the public interest to resolve the issue and provide uninterrupted service to the community.

Susan Hansen
Consultant

Study created: 2022.04.12 10:06:36

Study build station data: LMS TV 2022-03-24

Proposal: K11PS-D D28 LD LIC COLLEBRAN, CO
File number: change to 28
Facility ID: 41289
Station data: User record
Record ID: 657
Country: U.S.

Build options:
Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	
No	Distance						
No	K25FZ-D	N25+	TX	LIC	GRAND JUNCTION, CO	BLTT19990706JH	70.0
No	K27OF-D	D27	LD	LIC	CRESTED BUTTE, CO	BLANK0000068625	93.6
No	K27LK-D	D27	LD	LIC	GATEVIEW, CO	BLDTT20120106ABO	125.4
No	KHGS-LD	D27	LD	CP	GLENWOOD SPRINGS, CO	BLANK0000052045	62.5
No	KGJT-CD	D27	DC	LIC	GRAND JUNCTION, CO	BLDTA20131202CIV	28.3
No	K27KA-D	D27	LD	LIC	PARLIN, CO	BLDTT20100713APC	138.0
No	KVSN-DT	D27	DT	LIC	PUEBLO, CO	BLANK0000074846	273.8
No	K27OV-D	D27	LD	LIC	WOODY CREEK, CO	BLANK0000163800	87.8
No	K27NO-D	D27	LD	LIC	VERNAL, UT	BLANK0000146990	159.7
No	K28HI-D	D28	LD	LIC	BRECKENRIDGE/DILLON, CO	BLANK0000068743	167.6
No	K28KC-D	D28	LD	LIC	CANON CITY, CO	BLDTL20090708AAT	260.1
No	K28JY-D	D28	LD	LIC	CARBONDALE, CO	BLDTT20091221AAV	54.5
No	K28EB-D	D28	LD	LIC	CORTEZ, ETC, CO	BLDTT20090522ABX	209.3
No	K28KU-D	D28	LD	LIC	CRESTED BUTTE, CO	BLDTL20121119AOU	93.5
No	KTFD-TV	D28	DT	LIC	DENVER, CO	BLANK0000066076	240.3
No	K28HA-D	D28	LD	LIC	GRAND VALLEY, CO	BLDTT20101007AAR	22.2
No	K28AD-D	D28	LD	LIC	MONTROSE, CO	BLDTT20090929AHW	81.3
No	K28PZ-D	D28	LD	LIC	PARLIN, CO	BLANK0000068626	138.0
No	K28QA-D	D28	LD	LIC	SAPINERO, CO	BLANK0000063160	117.7
No	KSPK-LD	D28	LD	LIC	WALSENBURG, CO	BLANK0000058258	327.3
No	K28GE-D	D28+	LD	LIC	WOODLAND PARK, CO	BLANK0000040556	251.4
No	K28GE-D	N28+	TX	LIC	WOODLAND PARK, CO	BLTTL19991203AAV	251.3
No	K28ER-D	D28+	LD	LIC	DULCE & LUMBERTON, NM	BLANK0000152595	265.7
No	K28ER-D	N28+	TX	LIC	DULCE & LUMBERTON, NM	BLTT19970421JC	265.8
No	K28GV-D	D28	LD	LIC	TRES PIEDRAS, NM	BLDTT20090827ABC	315.0
No	K28OP-D	D28	LD	LIC	BOULDER, UT	BLANK0000080360	335.3
No	K28OR-D	D28	LD	LIC	CAINEVILLE, UT	BLANK0000081913	272.0
No	K28PR-D	D28	LD	LIC	CASTLE DALE, UT	BLANK0000094684	227.6
No	K28KP-D	D28	LD	LIC	CLEAR CREEK, UT	BLDTT20121019AAJ	193.2
No	K28OT-D	D28	LD	LIC	COALVILLE, UT	BLANK0000093253	346.5
No	K28PD-D	D28	LD	LIC	DELTA, ETC., UT	BLANK0000123467	377.5
No	K28PH-D	D28	LD	LIC	DUCHESNE, UT	BLANK0000095160	231.0
No	K28PI-D	D28	LD	LIC	EMERY, UT	BLANK0000094934	280.4
No	K28KN-D	D28	LD	LIC	EMERY, UT	BLDTT20100107AAT	280.4
No	K28OM-D	D28	LD	LIC	ESCALANTE, UT	BLANK0000080357	354.7
No	K28KQ-D	D28	LD	LIC	FERRON, UT	BLDTT20100107ABZ	274.5
No	K42KG-D	D28	LD	LIC	FILLMORE, ETC., UT	BLANK0000125968	376.6
No	K28OQ-D	D28	LD	LIC	FISHLAKE RESORT, UT	BLANK0000081784	337.0
No	K28OO-D	D28	LD	LIC	FOUNTAIN GREEN, UT	BLANK0000072228	312.7
No	K28PN-D	D28	LD	LIC	GREEN RIVER, UT	BLANK0000094887	227.6
No	K17HT-D	D28	LD	LIC	HANKSVILLE, UT	BLANK0000080675	255.8
No	K28OU-D	D28	LD	LIC	HENEFER, ETC., UT	BLANK0000093245	352.4
No	K28KR-D	D28	LD	LIC	HUNTINGTON, UT	BLDTT20100107AAX	259.6
No	K28OL-D	D28	LD	LIC	LOA, ETC., UT	BLANK0000080643	336.3
No	K28PT-D	D28	LD	LIC	MANILA, ETC, UT	BLANK0000095216	227.2
No	K28JN-D	D28	LD	LIC	MANTI, ETC., UT	BLDTT20090831AAL	327.8
No	K28JL-D	D28	LD	LIC	MORGAN, ETC., UT	BLDTT20090624AAP	373.7
No	K28PG-D	D28	LD	LIC	PRICE, UT	BLANK0000080590	267.0
No	K28PU-D	D28	LD	LIC	RANDOLPH, UT	BLANK0000098115	376.1
No	K28GM-D	D28	LD	LIC	RURAL GARFIELD COUNT, UT	BLDTT20071113ACI	363.8
No	KSTU	D28	DT	LIC	SALT LAKE CITY, UT	BLCDT20120305ABX	393.8
No	K28JS-D	D28	LD	LIC	SAMAK, UT	BLDTT20090624ABM	320.4
No	K28PK-D	D28	LD	LIC	SCOFIELD, UT	BLANK0000093952	278.6
No	K28PF-D	D28	LD	LIC	VERNAL, ETC., UT	BLANK0000095197	160.1
No	K28JR-D	D28	LD	LIC	WANSHIP, UT	BLDTT20090624ADM	339.9

No	K28JU-D	D28	LD	LIC	ROCK SPRINGS, ETC., WY	BLDTT20090519ACU	283.8
No	K29CK-D	D29	LD	LIC	CARBONDALE, CO	BLDTT20091221AAU	54.5
No	K29NG-D	D29	LD	LIC	CRESTED BUTTE, CO	BLANK0000068627	93.6
No	K29IT-D	D29	LD	LIC	GATEVIEW, CO	BLDTT20120106ABN	121.9
No	K29IU-D	D29	LD	LIC	PARLIN, CO	BLDTT20100713APD	138.0
No	K29LB-D	D29	LD	LIC	VERNAL, ETC., UT	BLDTT20130311AAP	160.1

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D28
Mask: Simple
Latitude: 39 14 34.90 N (NAD83)
Longitude: 107 57 55.20 W
Height AMSL: 1867.6 m (Adjusted based on actual ground elevation calculation)
HAAT: 0.0 m
Peak ERP: 0.100 kW
Antenna: SCA-HDCA-5-11 (ID 20819) 140.0 deg
Elev Pattn: Generic

50.1 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.000 kW	-774.0 m	2.2 km
45.0	0.000	-491.2	2.2
90.0	0.007	-406.8	5.3
135.0	0.096	-588.5	9.8
180.0	0.024	-542.1	7.0
225.0	0.000	-52.1	2.2
270.0	0.001	26.8	3.2
315.0	0.003	-221.1	4.2

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: -381 m

Distance to Canadian border: 1084.5 km

Distance to Mexican border: 829.1 km

Conditions at FCC monitoring station: Grand Island NE
Bearing: 74.0 degrees Distance: 831.8 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 66.4 degrees Distance: 251.5 km
ERP: 0.000010 kW Field strength: -92.8 dBu, 0.0 mV/m

Study cell size: 1.00 km

Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%

Maximum new IX to LPTV: 2.00%

No IX check failures found.

K10RB-D

BLDTV-20141217ABI

Latitude: 39-04-54.90 N

Longitude: 108-12-20.20 W

ERP: 0.002 kW

Channel: 10

Frequency: 195.0 MHz

AMSL Height: 3046.0 m

Elevation: 3041.0 m

Horiz. Pattern: Directional

Vert. Pattern: Yes

Elec Tilt: 0.75

Prop Model: Longley-Rice

Climate: Cont temperate

Conductivity: 0.0050

Dielec Const: 15.0

Refractivity: 311.0

Receiver Ht AG: 10.0 m

Receiver Gain: 0 dB

Time Variability: 90.0%

Sit. Variability: 50.0%

ITM Mode: Broadcast

