

K298AW
Marysvale, UT
Proposed Minor Modification
of Permitted Translator Facility

Application Overview:

The Applicant proposes to modify BPFT-20130326AGC using the following parameters:

Tech Box:

Channel:	298
Antenna Coordinates:	N38-23-08, W112-19-56 (NAD 27)
ASRN:	N/A
Tower Site Base AMSL:	3543 m
Overall Tower Height AGL:	24 m
COR AGL:	21 m
ERP:	0.185 kW
Directional Antenna:	No

Primary Station and Translator Protected Contour Relationship:

Exhibit 1 demonstrates that the proposed fill-in translator facility's protected contour is completely encompassed by the protected contour of the primary station being rebroadcast.

Interference Study (Fully Spaced):

Exhibit 2 is a contour overlap study demonstrating that the proposed antenna site provides requisite contour protection towards all applications, authorizations, and permits pursuant to Section 74.1204.

Proposed Translator to Combine into a Shared Antenna:

The signal of the proposed Translator is to be combined into an antenna currently authorized for use by the following station(s):

- K242BJ Marysvale, UT (see 23195)
- KEYR(FM) Richfield, UT (see 176207)
- K279AO Marysvale, UT (Proposed)

Therefore, the applicant agrees to make sufficient measurements to establish that the operation of the Translator is in compliance with the spurious emissions requirements of 47 C.F.R. Sections 73.317(b) through 73.317(d). All measurements will be made with all stations simultaneously into the combined antenna and will be submitted to the Commission along with the FCC Form 350 application for license.

Downward Radiation Study (Measure Upon Construction)

Due to the fact that several existing and proposed emitters are located at or near the site, the applicant agrees to conduct a Radiofrequency Electromagnetic Field survey at the site upon construction of the proposed facility to ensure that any areas at ground level that exceed the Commission's exposure guideline values are appropriately marked and fenced. The results of the survey will be provided with the application for license.

Even though the site will fully comply with the Uncontrolled Site Standards, access to the transmitting site will be restricted and appropriately marked with warning signs. When it

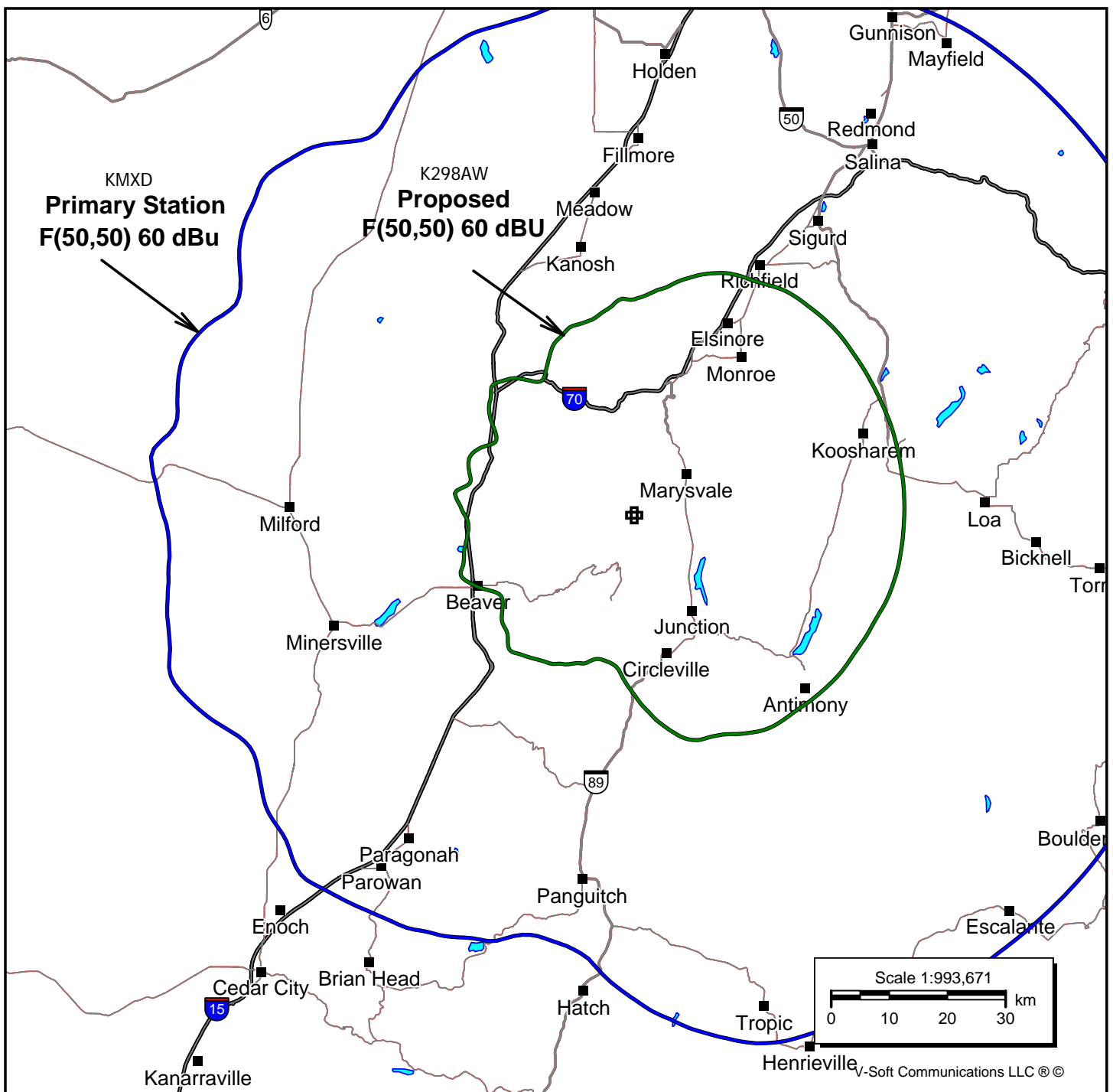
becomes necessary for workers to ascend the tower, appropriate measures, such as reduction or shut down of power if necessary, shall be taken to ensure that the human exposure to radiofrequency radiation will not exceed the FCC guidelines.

Existing Tower:

The proposed facility is exempt from environmental processing because the facility is not located at a location specified in Section 1.1307(a)(1)-(8) of the Commission's Rules and since the tower in question already exists.

Exhibit 1

**Primary Station Protected Contour
vs.
Proposed Translator Protected Contour**



K298AW

Proposed
Channel: 298D
Frequency: 107.5 MHz
Latitude: 38-23-08 N
Longitude: 112-19-56 W
COR AGL Height: 21.0 m
COR AMSL Height: 3564.0 m
Base Elevation: 3543.0 m
COR HAAT: 0.0 m
ERP: 0.185 kW
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

KMXD

License
Channel: 263C
Frequency: 100.5 MHz
Latitude: 38-23-08 N
Longitude: 112-19-57 W
COR AGL Height: 49.0 m
COR AMSL Height: 3600.0 m
Base Elevation: 3551.0 m
COR HAAT: 993.0 m
ERP: 33.00 kW
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

Exhibit 2

Section 74.1204 Interference Tabulations

K298AW Marysville, UT Section 74.1204 Contour Overlap Study CH# 298D - 107.5 MHz, Pwr= 0.185 kW, HAAT= 956.0 M, COR= 3564 M Average Protected F(50-50)= 38.77 km Omni-directional											
REFERENCE										DISPLAY DATES	
38 23 08.0 N.										DATA 07-09-13	
112 19 56.0 W.										SEARCH 07-13-13	
CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
298D Marysville	K298AW	CP	C_	285.9 105.7	29.60 BPFT20130326AGC	38 27 28.0 112 39 31.0	0.185 3564	113.4 3564	44.3 Mid-utah Radio, Inc.	-113.1*<	-101.9*<
298D Beaver	K298AW	LIC	C_	285.9 105.7	29.60 BMLFT20101117AJM	38 27 28.0 112 39 31.0	0.250 310	53.2 2415	16.5 Mid-utah Radio, Inc.	-52.9*<	-74.1<
298C Orem	KKLV	LIC	C_	9.1 189.3	213.09 BMLED20100902ADY	40 16 48.0 111 56 05.0	45.000 869	185.1 2366	87.0 Educational Media Foundati	-12.0<	20.5
296D Richfield-Sevier	K296AC	LIC	?HN	40.6 220.7	36.47 BLFT119	38 38 04.0 112 03 33.0	0.006 448	0.2 2678	12.7 Sevier County	-10.4*<	22.9
300D Rural	631325 Wayne County	APP	V_	77.9 258.2	46.77 BNPFT20030312BDO	38 28 20.0 111 48 29.0	0.001 192	0.1 2683	5.7 Wayne County	0.2	40.2
296D Wayne County	K296AA	LIC	DHN	77.9 258.2	46.77 BLFT20	38 28 20.0 111 48 29.0	0.008 212	0.0 2691	1.6 Wayne County	0.2	44.2
300D Salina	632954	APP	V_	35.8 216.1	67.51 BNPFT20030311AUW	38 52 37.4 111 52 31.5	0.001 204	0.1 2054	5.0 Sevier County	20.9	61.6
297C1 Colorado City	KXFF	LIC	CX	207.8 27.3	161.78 BLH20030313AXW	37 05 41.0 113 11 06.0	35.000 347	99.2 1728	67.7 Ccr-st. George Iv, Lic	33.9	49.3
299C Pi oche	1460187	RSV-A	___	268.5 87.1	201.61	38 18 58.0 114 38 13.0	100.000 600	139.0 2499	93.7 Canyon Media Group, L.L.C.	34.3	63.8
295D Hol den	K295AY	LIC	C_	0.5 180.5	72.15 BLFT20070727AHZ	39 02 08.0 112 19 29.0	0.099 100	0.7 1750	11.0 Utah State University Of A	34.3	60.3
296D Panguitch	K296DN	LIC	DHN	190.0 9.9	63.52 BLFT19880506TB	37 49 19.0 112 27 28.0	0.048 -156	0.3 2097	6.2 Garfield County	37.7	56.4
298C Kaysville	KKLV	CP	CX	2.5 182.6	252.73 BPH20080331AKP	40 39 35.0 112 12 05.0	22.000 1243	170.8 2831	79.9 Educational Media Foundati	44.3	71.3
300D Escalante	K300AG	LIC	CN	135.7 316.1	92.62 BLFT19961001TC	37 47 15.0 111 35 45.0	0.010 -10	0.2 1828	3.2 Garfield County	48.6	88.5
296D Frui ta	K296DO	LIC	DHN	95.9 276.5	95.36 BLFT19880705TB	38 17 35.0 111 14 52.0	0.005 -26	0.0 1893	1.6 Wayne County	49.2	92.8

Terrain database is NGDC 30 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
 Contour distances are on direct line to and from reference station. Reference zone= , Co to 3rd adjacent.
 All separation margins (if shown) include rounding
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
 "*"affixed to 'IN' or 'OUT' values = site inside protected contour.
 < = Contour Overlap