

650589 App
Richmond, UT

Proposed New
Translator Facility

Application Overview:

The Applicant proposes to submit a Long Form Application to BNPFT20030317KXE using the following parameters:

Tech Box:

Channel:	262
Antenna Coordinates:	N41-52-18, W111-48-31 (NAD 27)
ASRN:	N/A
Tower Site Base AMSL:	1716 m
Overall Tower Height AGL:	43 m
COR AGL:	7 m
ERP:	0.01 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

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 with the exception of the permitted and proposed facilities of KLZX(FM). Since KLZX is co-located with the proposed facility, at no location will the signal of the proposed translator be stronger than or interfere with the signal of KLZX (CP or APP).

No Co-Located Directional Emitters:

No directional emitters are authorized to use the proposed tower.

Downward Radiation Study (FM Model):

The proposed FM Facility has been evaluated in terms of potential radiofrequency electromagnetic field exposure at ground level in accordance with OET Bulletin No. 65, Evaluating Compliance with FCC Specified Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields (OET Bulletin 65, Second Edition 97-01, August, 1997). The Commission's FM Model Power Density Prediction program was employed to determine the Field. Using the Phelps-Dodge "Ring Stub" Worst Case antenna with 1 sections and 1 wavelength spacing, and the AGL height and ERP proposed in this application, the highest predicted power density 2 meters above ground is less than 1.6% of the Controlled Standard with a Power Density of 16.03 microwatts per square centimeter 1.6 meters from the base of the tower.

The site is located on Private Land on a mountain top. The only road accessing the site has a locked gate. The property is also fenced. Therefore, it is defined as a Controlled Site.

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

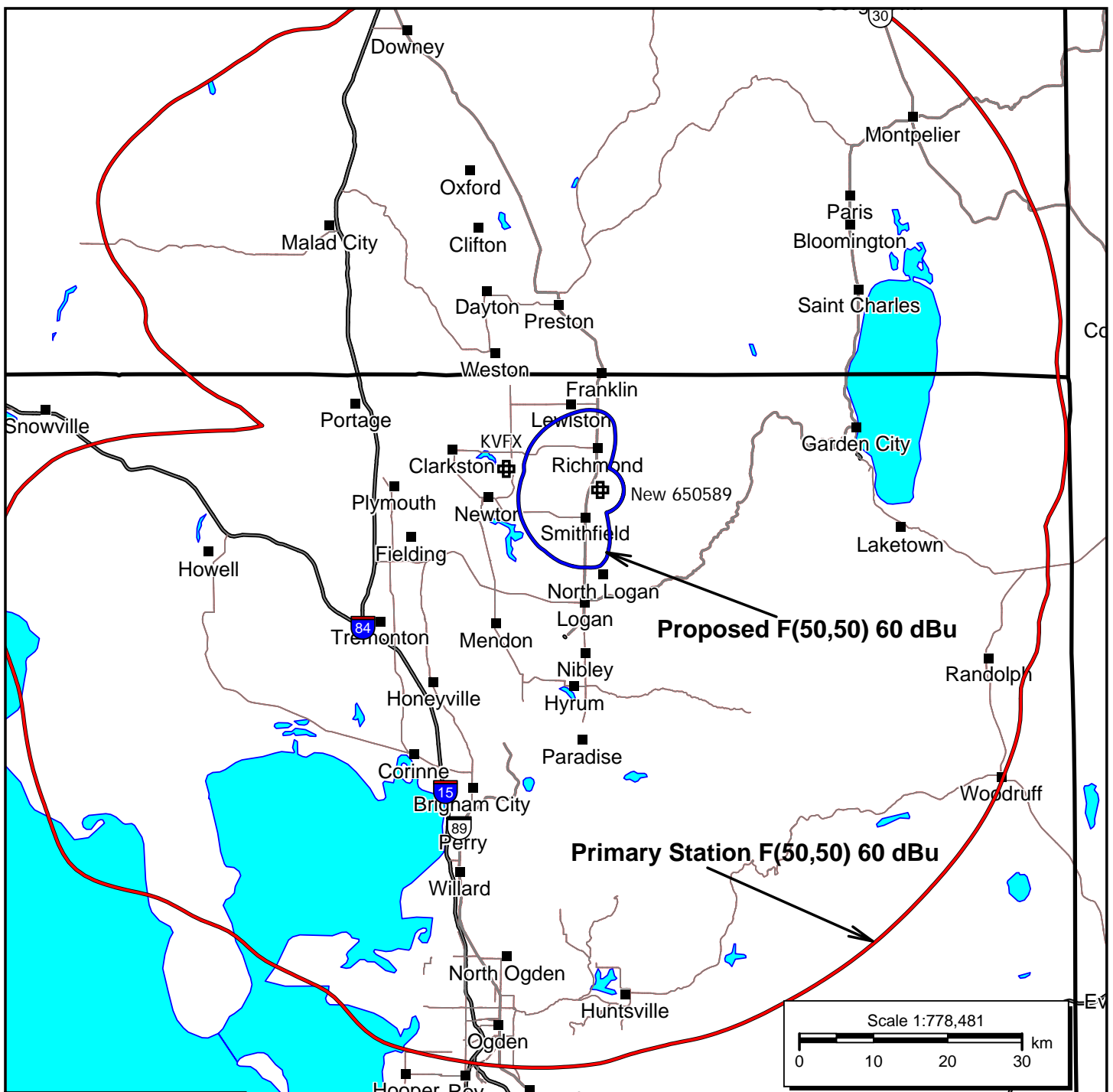
becomes necessary for workers to ascend the tower, appropriate measures, such as reduction or shut down of power if necessary, shall be taken to ensure that the human exposure to radiofrequency radiation will not exceed the FCC guidelines.

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**



New 650589

Long Form
 Channel: 262D
 Frequency: 100.3 MHz
 Latitude: 41-52-18 N
 Longitude: 111-48-31 W
 COR AGL Height: 7.0 m
 COR AMSL Height: 1723.0 m
 Base Elevation: 1716.0 m
 COR HAAT: 38.65 m
 ERP: 0.01 kW
 Horiz. Pattern: Omni
 Vert. Pattern: No
 Prop Model: None

KVFX

BMLH20001228AAB
 Channel: 233C0
 Frequency: 94.5 MHz
 Latitude: 41-53-50 N
 Longitude: 111-57-39 W
 COR AGL Height: 37.0 m
 COR AMSL Height: 1773.0 m
 Base Elevation: 1736.0 m
 COR HAAT: 350.0 m
 ERP: 94.00 kW
 Horiz. Pattern: Omni
 Vert. Pattern: No
 Prop Model: None

Exhibit 2

Section 74.1204 Interference Tabulations

New 650589 Richmond, UT Section 74.1204 Contour Overlap Tabulations CH# 262D - 100.3 MHz, Pwr= 0.01 kW, HAAT= 38.7 M, COR= 1723 M Average Protected F(50-50)= 3.57 km Omni-directional										
REFERENCE									DISPLAY DATES	
41 52 18.0 N.									DATA 03-17-13	
111 48 31.0 W.									SEARCH 03-23-13	
CH CITY	CALL	TYPE ANT STATE	AZI <--	DIST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
260C1 Weston	KLZX	APP NCX ID	0.0 0.0	0.00 BMPH20130212AAO	41 52 18.0 111 48 31.0	100.000 66	10.9 1746	76.3 Sun Valley Radio Inc	-21.5*<	-78.3*<
262C Salt Lake City	KSFI	LIC_CX UT	193.8 13.6	138.59 BMLH20021113AAK	40 39 34.0 112 12 05.0	25.000 1140	204.3 2803	95.8 Bonneville International C	-76.4*<	6.8
260C3 Weston	KLZX	CP_CX ID	0.0 0.0	0.00 BPH20080516ABJ	41 52 18.0 111 48 31.0	25.000 66	7.2 1750	62.5 Sun Valley Radio Inc	-17.8*<	-64.5*<
260C1 Weston	KLZX	RSV-A ____ ID	322.7 142.6	23.16	42 02 14.0 111 58 43.0	100.000 299	12.1 1813	83.4 Sun Valley Radio Inc	0.0<	-62.3*<
259D Wellsville	650589	APP DV_ UT	196.5 16.4	37.13 BNPFT20030317KXE	41 33 04.0 111 56 07.0	0.250 524	1.0 2185	35.8 Sun Valley Radio, Inc.	25.3	1.1
264C Woodruff	KYMV	LIC_HX UT	148.3 328.9	130.30 BLH20060907AAW	40 52 16.0 110 59 43.0	88.000 647	16.4 3330	101.6 Simmons-sl c, Ls, LI c	110.8	27.1
262D Pocatello	647097	APP_C_ ID	337.5 157.1	117.73 BNPFT20030317MDD	42 50 56.0 112 21 43.0	0.050 438	57.4 2073	17.4 Idaho Wireless Corporation	49.4	63.4
260D North Ogden	651016	APP_C_ UT	195.8 15.7	61.24 BNPFT20030317LII	41 20 28.0 112 00 32.0	0.048 -7	0.5 1580	4.7 Sun Valley Radio, Inc.	50.0	54.5
264D Ogden	KYMV-FM4	LIC_DC_ UT	195.8 15.7	61.11 BLFTB20060907AAX	41 20 32.0 112 00 30.0	0.425 1596	0.0	1.6 Simmons-sl c, Ls, LI c	50.3	57.5
264D Montpelier	K264AD	LIC_VN ID	31.1 211.4	67.35 BLFT19940714TH	42 23 22.0 111 23 05.0	0.010 175	0.2 2178	8.4 Bear Lake County T.v. Dist	64.0	57.3
260D Montpelier	K260AD	LIC_VN ID	31.1 211.4	67.35 BLFT19940714TJ	42 23 22.0 111 23 05.0	0.010 175	0.2 2178	8.4 Bear Lake County T.v. Dist	64.0	57.3
261A Soda Springs	KITT	LIC_HN ID	10.7 190.8	87.06 BLH19811229AK	42 38 30.0 111 36 40.0	3.000 -84	19.5 1831	13.2 Tri-state Media Corporatio	58.2	60.7

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