K237FA
Pocatello, ID

Proposed Minor Modification
of Licensed Translator Facility

Application Overview:

The Applicant proposes to amend pending application BLFT-20121120ADU using the following parameters:

Tech Box:

Channel:	237
Antenna Coordinates:	N42-52-26, W112-30-48 (NAD 27)
ASRN:	N/A
Tower Site Base AMSL:	1771 m
Overall Tower Height AGL:	45 m
COR AGL:	12 m
ERP:	0.25 kW
Directional Antenna:	Yes - see Exhibit 4

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 – KWIK(AM) Pocatello, ID. It should also be noted that the proposed protected contour for the translator does not extend beyond a 30 kilometer circle contour centered at the KWIK(AM) antenna site.

Interference Study (Adjacent Stations):

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 following:

- KPKY(FM) (BMLH-20061221AAH) on its Second adjacent channel
- K239BR (BNPFT-20130325AJJ) on its Second adjacent channel

Section 74.1204(a) states that "an application for an FM translator station will not be accepted for filing if the proposed operation would involve overlap of predicted field strength contours with any other station, including commercial and noncommercial educational FM stations, FM translators and Class D (secondary) noncommercial educational FM stations." However, Section 74.1204(d) states, "the provisions of this section concerning prohibited overlap will not apply where the area of such overlap lies entirely over water. In addition, an application otherwise precluded by this section will be accepted if it can be demonstrated that no actual interference will occur due to intervening terrain, lack of population or other such factors as may be applicable." Using the undesired-to-desired ratio method regarding interference to a second or third adjacent frequency, interference is predicted to occur where the translator's undesired signal exceeds the protection station's desired signal by more than 40 dB. The free space formula was used to determine the signal strength of the proposed facility, in dBu, at the antenna site of the adjacent station(s).

The signal strength of KPKY(FM) at the proposed site is calculated to be 159.7 dBu. As such, the interfering contour of the proposed facility is its F(50,10) 199.7 dBu contour which will

not reach the ground at any location. Therefore, due to the absence of "potential listeners" within the interference contour, no interference is expected to occur towards KPKY(FM).

The signal strength of K239BR at the proposed site is calculated to be 120.8 dBu. As such, the interfering contour of the proposed facility is its F(50,10) 160.8 dBu contour which will not reach the ground at any location. Therefore, due to the absence of "potential listeners" within the interference contour, no interference is expected to occur towards K239BR.

No Other Co-Located Emitters Lower on Tower:

No other emitters are authorized to use the proposed tower beneath the proposed facility. A shared non-directional antenna used by KPKY(FM), KEGE(FM), and KLLP(FM) is located above the proposed facility.

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. .

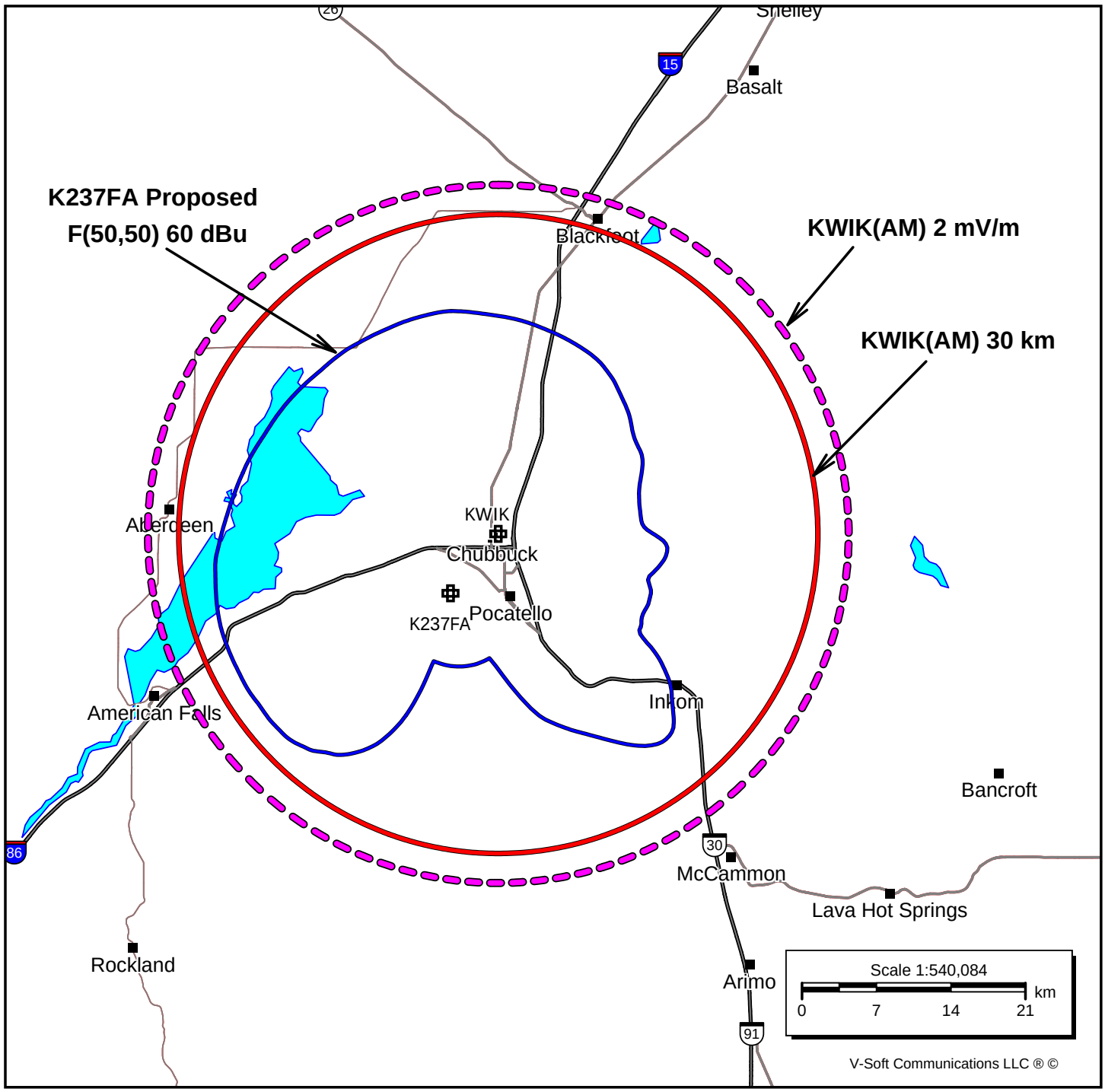
Existing Tower:

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 already exists.

Exhibit 1

Primary Station Protected Contour
vs.
Proposed Translator Protected Contour

Main vs Translator
Primary Contour
Comparison



K237FA
BLFT20121120ADU
Channel: 237D
Frequency: 95.3 MHz
Latitude: 42-52-26 N
Longitude: 112-30-48 W
COR AGL Height: 12.0 m
COR AMSL Height: 1783.0 m
Base Elevation: 1771.0 m
COR HAAT: 0.0 m
ERP: 0.25 kW
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None

KWIK (AM)
Type: AM
Channel: 1240
Latitude: 42-55-27 N
Longitude: 112-27-31 W

Exhibit 2

Section 74.1204
Interference Tabulations

K237FA Pocatello, ID
Section 74.1204 Contour Overlap Study

REFERENCE CH# 237D - 95.3 MHz, Pwr= 0.25 kW DA, HAAT= 0.0 M, COR= 1783 M DISPLAY DATES
42 52 26.0 N. Average Protected F(50-50)= 7.09 km DATA 06-22-13
112 30 48.0 W. Standard Directional SEARCH 06-25-13

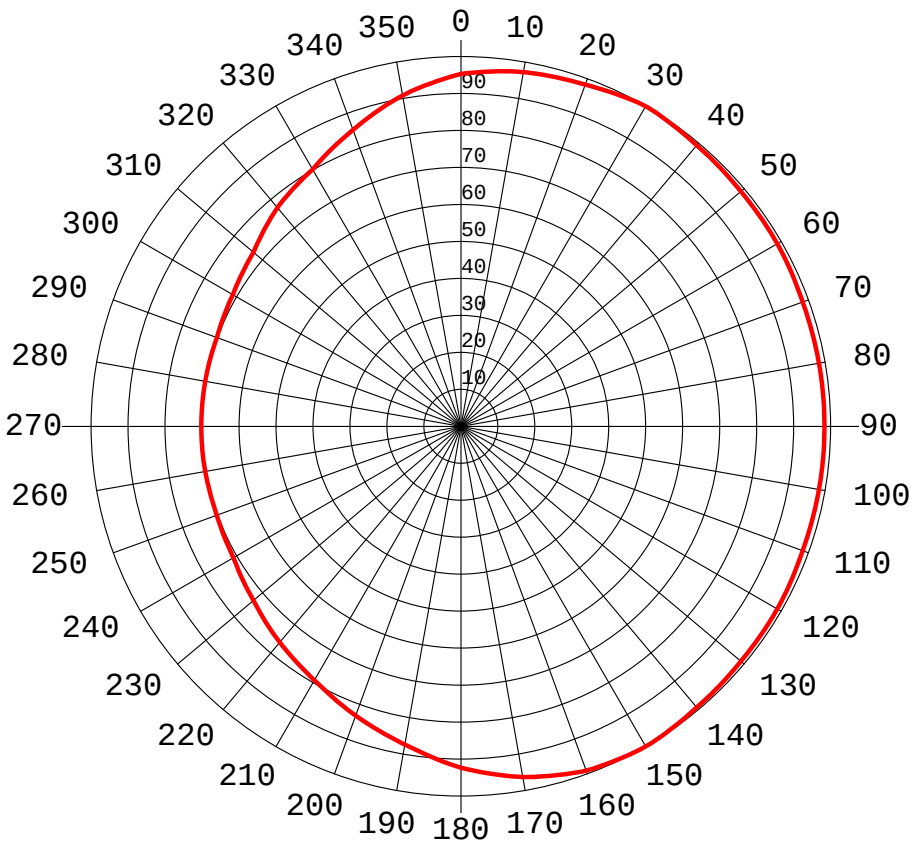
CH CALL / CITY	TYPE ANT / STATE	AZI / <--	DIST / FILE #	LAT / LNG	PWR(kW) / HAAT(M)	INT(km) / COR(M)	PRO(km) / LICENSEE	*IN* (Overlap in km)	*OUT*
235C KPKY	LIC _CX	0.0	0.00	42 52 26.0	100.000	12.3	84.7	-38.8*	-92.2*
Pocatello	ID	0.0	BMLH20120314ADQ	112 30 48.0	306	1808	Rich Broadcasting Idaho Ls		
237D K237FA	LIC DC_	0.0	0.00	42 52 26.0	0.060	12.5	2.2	-39.0*	-82.3*
Pocatello	ID	0.0	BLFT20121120ADU	112 30 48.0		1783	Carl Watkins		
237C KZJH	LIC _CN	64.8	157.35	43 27 40.0	100.000	189.3	85.5	-51.8*	10.7
Jackson	WY	246.0	BLH19890714KA	110 45 09.0	322	2474	Rp Broadcasting Ls, Llc		
239D K239BR	CP _C_	90.0	0.02	42 52 26.0	0.013	0.3	12.6	-19.2*	-18.4*
Pocatello	ID	270.0	BNPFT20130325AJJ	112 30 47.0		1794	Citicasters Licenses, L.p.		
239D K239BN	CP _C_	37.5	67.14	43 21 06.0	0.102	0.7	17.7	41.2	42.1
Idaho Falls	ID	217.8	BNPFT20130304AAK	112 00 29.0		1752	Radio Assist Ministry, Inc		

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.

Exhibit 4

Antenna Azimuth Pattern

Nicom BKG-77 Pattern - Pointed 90 deg



Azi	Rel	dBk	kW	dB
0	0.983	-6.17	0.242	-0.15
10	0.983	-6.17	0.242	-0.15
20	0.983	-6.17	0.242	-0.15
30	0.988	-6.13	0.244	-0.10
40	0.988	-6.13	0.244	-0.10
50	0.992	-6.09	0.246	-0.07
60	1.000	-6.02	0.250	0.00
70	0.991	-6.10	0.246	-0.08
80	0.963	-6.35	0.232	-0.33
90	0.923	-6.72	0.213	-0.70
100	0.873	-7.20	0.191	-1.18
110	0.832	-7.62	0.173	-1.60
120	0.792	-8.05	0.157	-2.03
130	0.762	-8.38	0.145	-2.36
140	0.732	-8.73	0.134	-2.71
150	0.710	-9.00	0.126	-2.97
160	0.702	-9.09	0.123	-3.07
170	0.702	-9.09	0.123	-3.07

Azi	Rel	dBk	kW	dB
180	0.702	-9.09	0.123	-3.07
190	0.702	-9.09	0.123	-3.07
200	0.702	-9.09	0.123	-3.07
210	0.712	-8.97	0.127	-2.95
220	0.732	-8.73	0.134	-2.71
230	0.772	-8.27	0.149	-2.25
240	0.802	-7.94	0.161	-1.92
250	0.853	-7.40	0.182	-1.38
260	0.909	-6.85	0.207	-0.83
270	0.953	-6.44	0.227	-0.42
280	0.973	-6.26	0.237	-0.24
290	0.983	-6.17	0.242	-0.15
300	1.000	-6.02	0.250	0.00
310	0.992	-6.09	0.246	-0.07
320	0.988	-6.13	0.244	-0.10
330	0.988	-6.13	0.244	-0.10
340	0.983	-6.17	0.242	-0.15
350	0.983	-6.17	0.242	-0.15

Rotation Angle = 90