

# COMPREHENSIVE TECHNICAL EXHIBIT

Applicant seeks to establish an auxiliary transmission facility for full-service KSRV-FM, Ontario, OR.

**Figure 1** reveals that the proposed facility meets all spacing requirements as a non-directional 73.215 facility. (NOTE: Parent, KSRV-FM, is a directional 73.215 licensed station).

**Figure 2** demonstrates that the proposed KSRV-FM auxiliary facility 60 dBu contour will be completely encompassed by the KSRV-FM licensed 60 dBu contour.

KSRV-FM Auxiliary Iliad Media Boise, LLC											
REFERENCE		CH# 241C0- 96.1 MHz, Pwr= 6.5 kw, HAAT= 803 M, COR= 2190 M						DISPLAY DATES			
43 45 17.4 N. 116 05 54.6 W.		Average Protected F(50-50)= 70.3 km 73.215 Omni-directional						DATA 06-26-21 SEARCH 07-01-21			
CH	CALL	TYPE	ANT	AZI.	DIST	LAT.	Pwr(kw)	INT(km)	PRO(km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG.	HAAT(M)	COR(M)	LICENSEE	(Overlap	in km)
241C	KWFI-FM <sup>^</sup>	LIC	CN	94.7	277.80	43 29 50.60	100.000	198.5	92.2	5.5	25.6
Aberdeen			ID	277.1	BLH20170202AAC	112 39 52.90	600	2168	Rich Broadcasting	Idaho	Ls
238C1	KUJJ <sup>«</sup>	LIC	NCN	355.9	112.52	44 45 53.60	2.700	3.0	36.3	93.5R	19.0M
Mccall			ID	175.9	BLH20131227ADB	116 11 57.40	559	2246	Inspirational	Family	Radio
239C1	KEZJ-FM <sup>«</sup>	LIC	CN	129.3	178.10	42 43 41.70	100.000	8.4	64.5	93.5R	84.6M
Twin Falls			ID	310.5	BLH20081203AEH	114 24 51.10	198	1370	Townsquare License, LLC		
241C2	KLKY <sup>«</sup>	LIC	CN	307.3	327.16	45 29 11.40	8.500	111.2	44.7	238.5R	88.7M
Stanfield			OR	124.9	BLH20050322ADE	119 25 56.00	359	1006	Jacobs Radio	Programming,	
243C1	KLIX-FM <sup>«</sup>	LIC	CN	135.7	185.52	42 33 04.70	100.000	6.6	55.8	93.5R	92.0M
Twin Falls			ID	316.8	BMLH20060905ACF	114 31 02.10	40	1206	Townsquare License, LLC		

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= - Zone 2, Co to 3rd adjacent.  
 All separation margins (if shown) include rounding. Call signs with exclamation marks need not be protected.  
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)  
 « = Station meets FCC minimum distance spacing for its class.  
 ^ = Power and antenna height 'Max classed' as per Sec 73.215 protection requirements

**FIGURE 1**

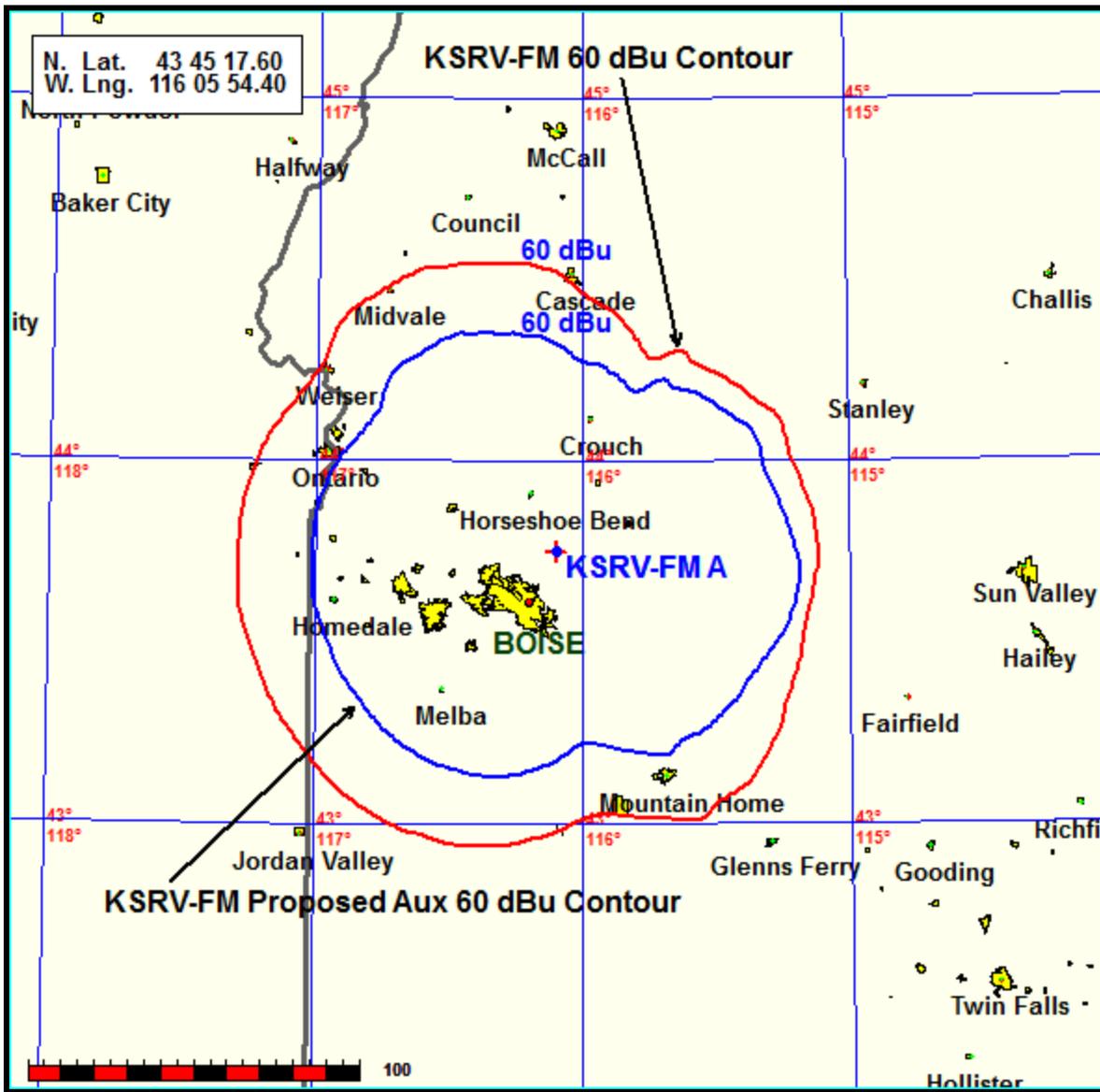


FIGURE 2

## Environmental Compliance

The proposed facility will be constructed on an existing tower and will cause no adverse effects to the surrounding environment at the site. There are multiple towers and multiple radiators on each tower licensed at this site. The proposed KSRV-FM auxiliary facility is to be built on a tower that, according to FCC records is within 200 meters of a number of other broadcast facilities and applications. Because of this large number of facilities and the complexities of calculations with multiple radiators on multiple towers, the Applicant believes that theoretical calculations would give inaccurate results at best. Accordingly, the Applicant respectfully requests that the Commission grant the instant Construction Permit with the condition that the Applicant make RF measurements prior to Commission grant of Program Test Authority. If the results of the measurements

and subsequent calculations reveal that there are areas that would exceed the requirements of OET 65 for controlled or uncontrolled access, the Applicant will work with the site owners and other broadcasters to erect fencing and/or signage to fully comply with OET 65. Further, after construction of the instant facility, the Applicant will continue to cooperate with other site users to reduce power or cease broadcasting as necessary to protect workers and others having access to the site from excessive levels of RF Radiation.