

TELECOMMUNICATIONS ENGINEERING
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28 June 2022
Prepared for Big River Public Broadcasting Corp.
KIYU-FM, Galena, Alaska

ALLOCATION CONSIDERATIONS

On 28 June 2022, a computerized allocation analysis was performed on the facilities proposed herein using data from the Commission's CDBS and LMS, current as of 28 June 2022. The software to perform this analysis was provided by V-Soft Communications. A copy of this study is attached.

This analysis revealed no, allocations or applications within the study distance.

The applicant believes that the facilities proposed herein meet all of the Commission's rules of allocation.

Gray Frierson Haertig & Assoc.
Portland, Oregon

Big River Public Broadcasting
Galena, Alaska

REFERENCE CH# 201D - 88.1 MHz, Pwr= .09 kw, HAAT= 10.6 M, COR= 60 M
64 44 26.90 N. Average Protected F(50-50)= 5.49 km
156 52 33.70 W. Omni-directional

DISPLAY DATES
DATA 06-28-22
SEARCH 06-28-22

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)	
201D	KIYU-FM	LIC_CN		84.4	1.52	64 44 31.70	0.100		---	Reference---	
Galena		AK		264.4	BLED20160216ABO	156 50 38.90	15	68	Big River Public Broadcast		

Terrain database is NGDC 30 SEC , R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference zone= - Zone 2, 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 restricted contour.

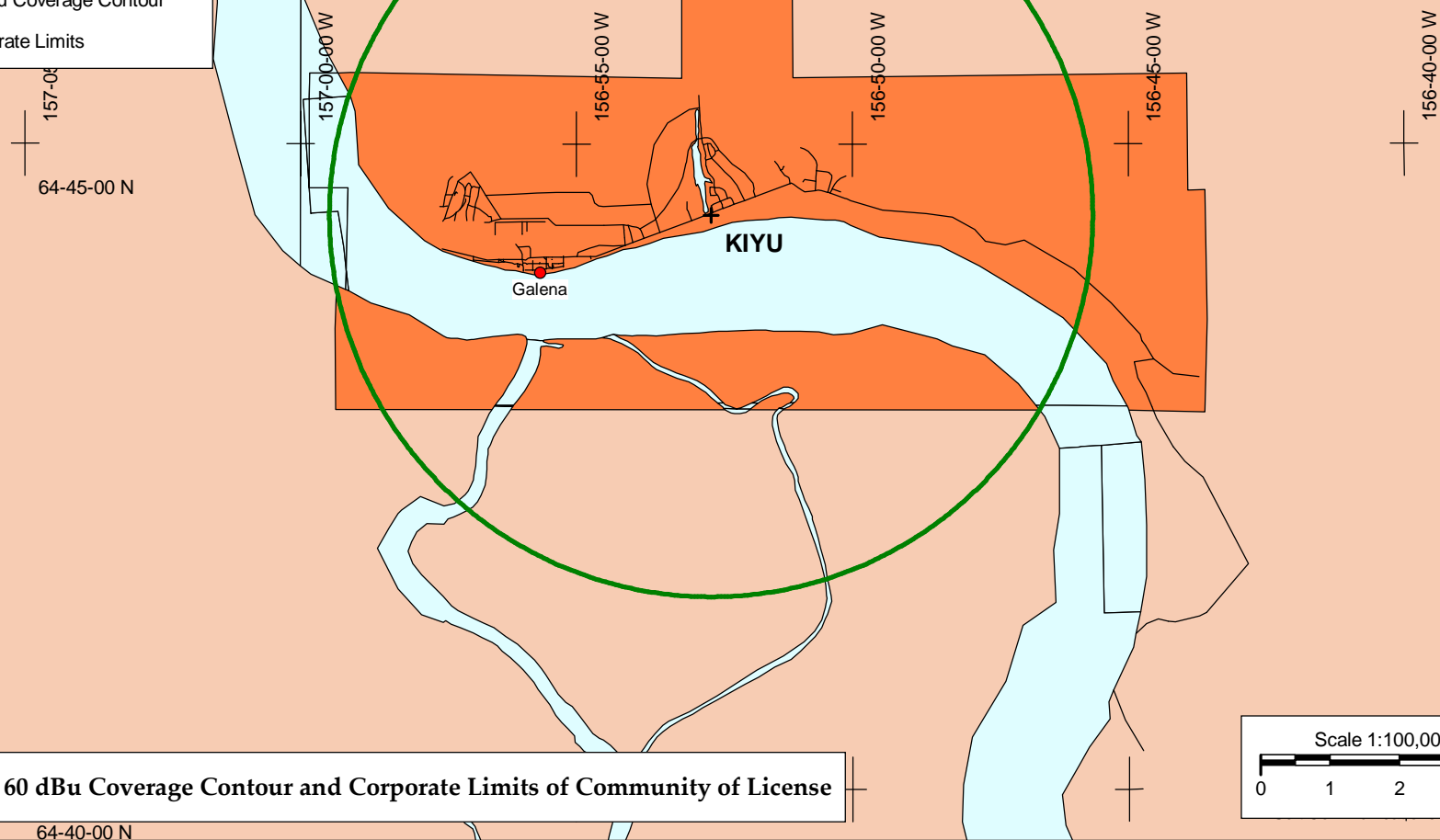
KIYU

Latitude: 64-44-26.90 N
Longitude: 156-52-33.70 W
ERP: 0.09 kW
Channel: 201
Frequency: 88.1 MHz
AMSL Height: 60.0 m
Horiz. Pattern: Omni
Vert. Pattern: No

- 60 dBu Coverage Contour
- Corporate Limits

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Proposed 60 dBu Coverage Contour and Corporate Limits of Community of License