

TELECOMMUNICATIONS ENGINEERING  
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4 April 2022  
Prepared for Fresh Life Church  
KYWH, Lockwood, Montana

## ALLOCATION CONSIDERATIONS

On 4 April 2022, a computerized allocation analysis was performed on the facilities proposed herein using data from the Commission's CDBS and LMS, current as of 4 April 2022. The software to perform this analysis was provided by V-Soft Communications. A copy of this study is attached.

This analysis revealed one assignment requiring further study. This is the licensed Class A facilities of second-channel adjacent KLMT, Billings, Montana. The proposed 100 dBu interfering contour is entirely encompassed by the KLMT 60 dBu protected contour.

Special Operating Condition Number 4 of BLED-20140715ACC states, in part, "Further modification of KYWH(FM), Facility ID No. 93512, Lockwood, MT will not be construed as a per se modification of KLMT-FM's construction permit (BPED-20140715ACC). (See Educational Information Corporation, 6 FCC Rcd. 2207 (1991))."

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

Gray Frierson Haertig & Assoc.  
Portland, Oregon

Fresh Life Church, Inc.  
Carson City, Nevada

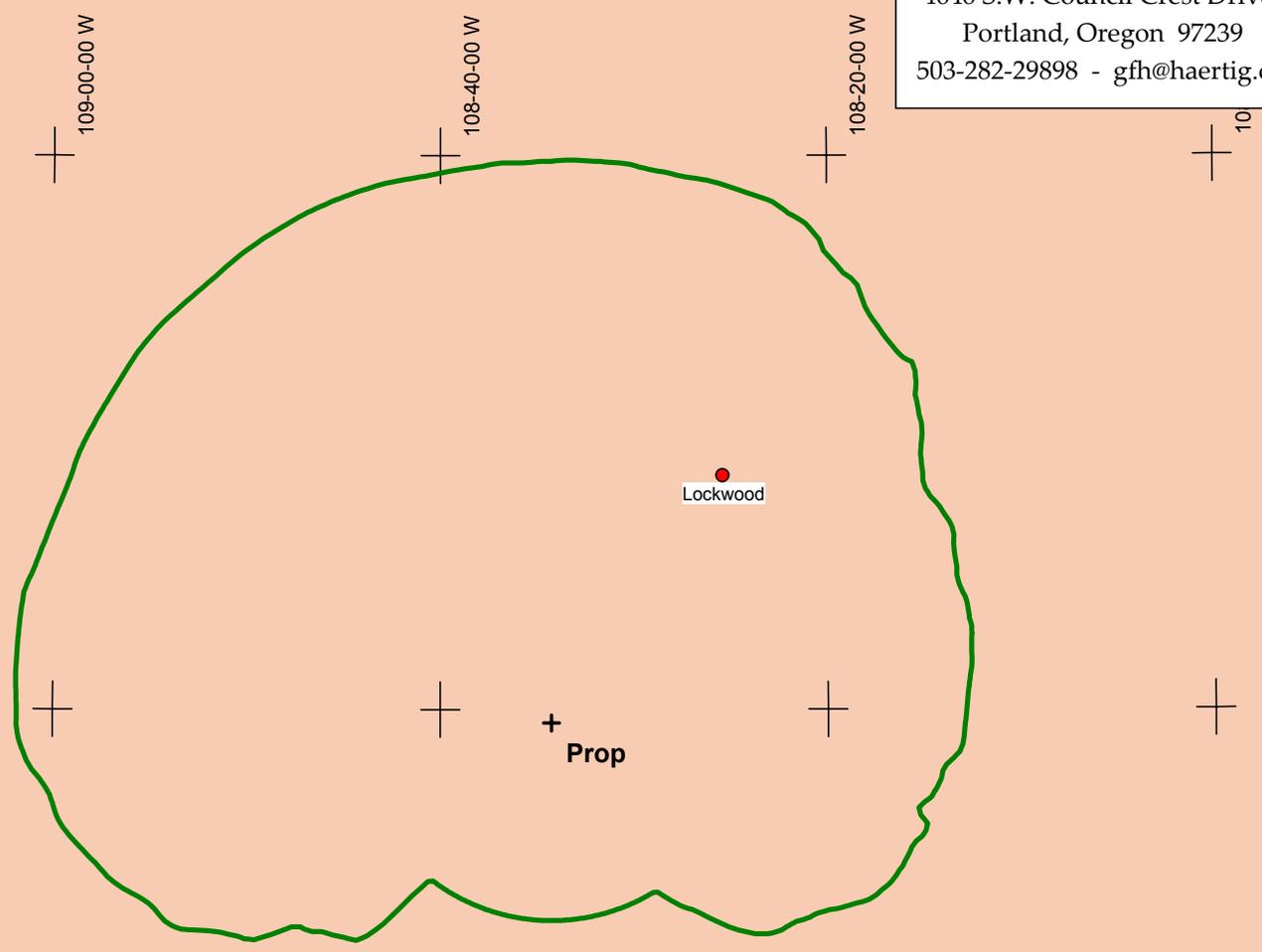
REFERENCE CH# 205C3 - 88.9 MHz, Pwr= 3 kw, HAAT= 146.8 M, COR= 1264 M      DISPLAY DATES  
45 39 31.00 N.      Average Protected F(50-50)= 28.6 km      DATA 04-01-22  
108 34 16.00 W.      Omni-directional      SEARCH 04-04-22

CH CITY	CALL	TYPE STATE	ANT	AZI <--	DIST FILE #	LAT LNG	PWR(kw) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
205A	KYWH	LIC_DVN MT		325.3 145.2	26.33 BLED20060127ANY	45 51 11.80 108 45 52.50	1.900 138	1292	---Reference---		
207A	KLMT	LIC_CN MT		37.5 217.5	14.72 BLED20170907ABU	45 45 49.30 108 27 20.40	1.500 153	1.9 1203	22.4	-22.1*	-10.7*
206C1	KNWT	LIC_CN WY		189.5 9.3	122.15 BLED20180725AAP	44 34 29.30 108 49 35.00	16.500 483	106.1 2009	71.2	0.2	31.3
202A	KPGB	LIC_VN MT		173.8 353.8	25.01 BLED20161114ADG	45 26 05.80 108 32 11.40	0.360	1.3 1281	7.8	10.5	13.5
203C3	KNPC	LIC_HN MT		71.3 251.8	59.41 BLED20190610AAQ	45 49 38.70 107 50 40.60	1.700 219	2.4 1232	29.9	27.7	26.4
207A	KYPB	LIC_CN MT		275.9 94.9	107.94 BLED20101027ACA	45 45 00.80 109 57 18.70	0.500 126	1.6 1527	23.4	70.3	81.4
205A	KOHR	LIC_VN WY		126.1 307.3	160.09 BLED20081201ALX	44 47 53.90 106 55 53.20	0.425 22	41.8 1248	10.1	96.1	72.5

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.  
< = Station meets FCC minimum distance spacing for its class.

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**Prop**  
Latitude: 45-39-31 N  
Longitude: 108-34-16 W  
ERP: 3.00 kW  
Channel: 205  
Frequency: 88.9 MHz  
AMSL Height: 1264.0 m  
Horiz. Pattern: Omni  
Vert. Pattern: No



**Proposed 60 dBu Coverage Contour**

