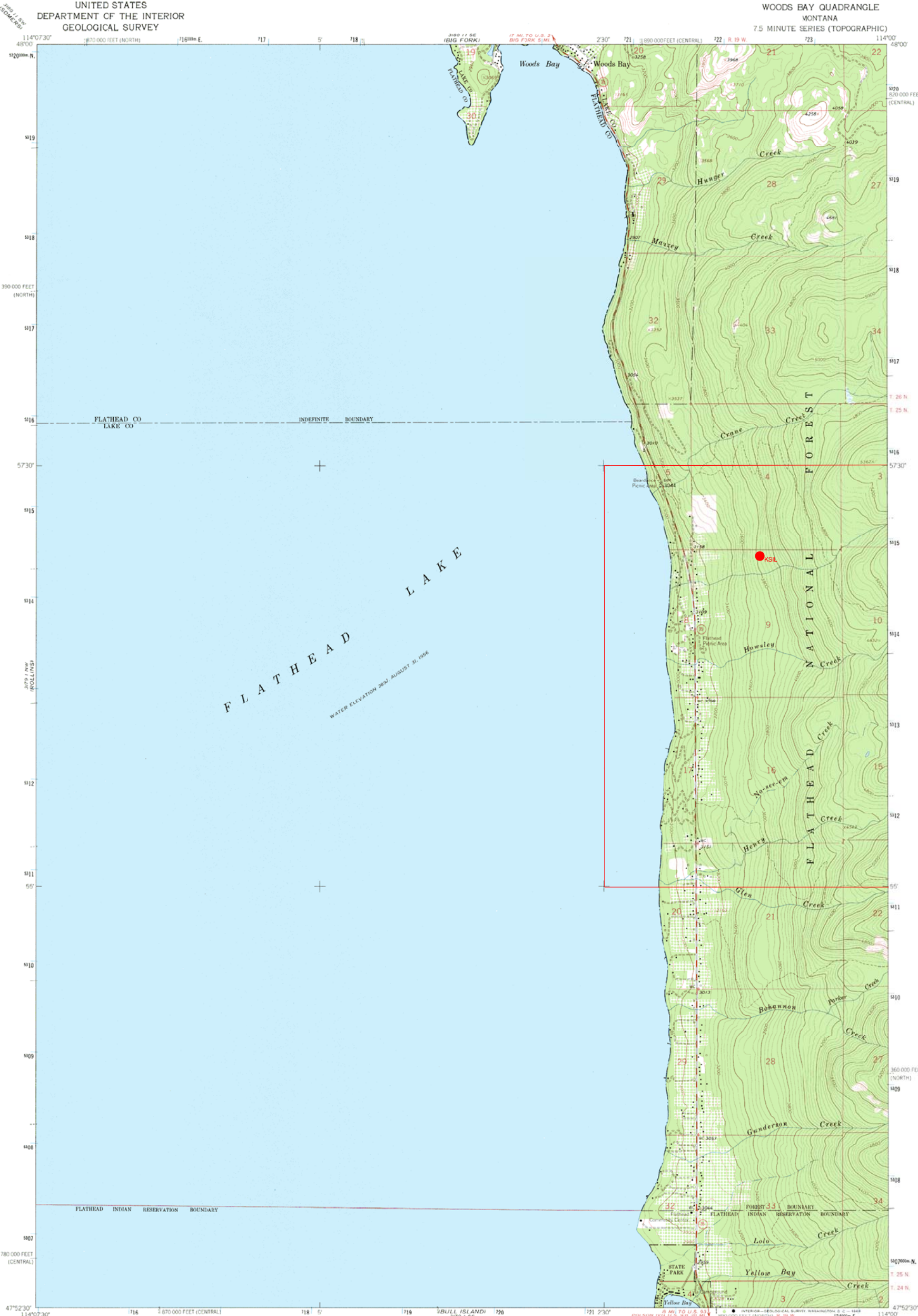


FIGURE 1



Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1958. Field checked 1964

Polyconic projection. 1927 North American datum. 10,000-foot grids based on Montana coordinate system, central and north zones

1000 meter Universal Transverse Mercator grid ticks, zone 11, shown in blue

UTM GRID AND 1964 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

0 1000 2000 3000 4000 5000 6000 7000 FEET

0 1 2 3 4 5 6 7 8 9 10 KILOMETER

CONTOUR INTERVAL 40 FEET

DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION

Medium-duty ——— Light-duty ———

Unimproved dirt ———

State Route

QUADRANGLE LOCATION

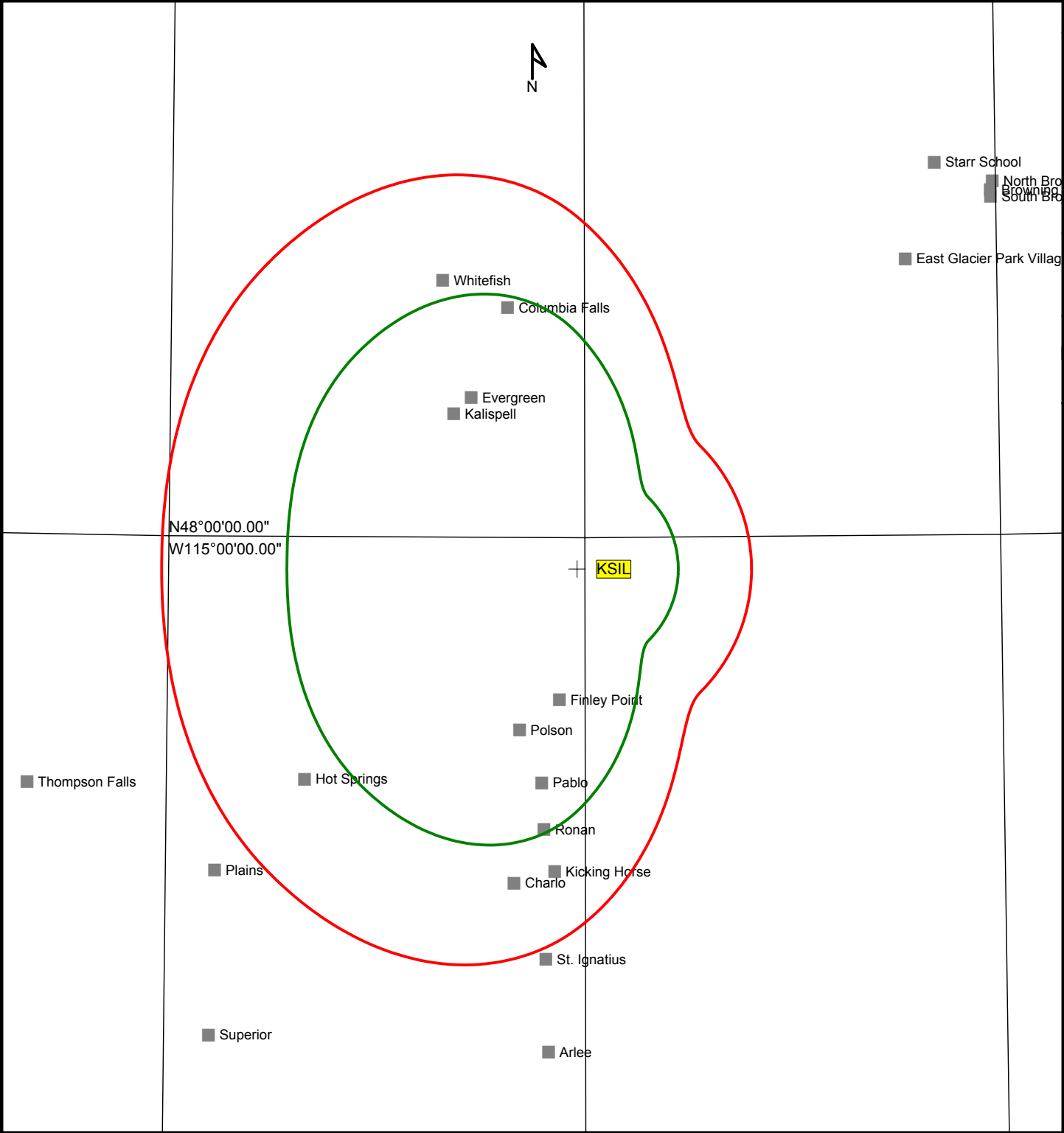
WOODS BAY, MONT.

N4752.5-W11400.7.5

1964

JMS 5179 1 NE-SERIES V804

FIGURE 1A



SIGNAL COVERAGE MAP

Prop. model: FCC-EDX  
Time: 50.0% Loc.: 50.0%  
Prediction Confidence Margin: 0.0dB  
Climate: Continental Temperate  
Land use (clutter): none  
Atmospheric Abs.: none  
K Factor: 1.333  
RX Antenna - Type: OMNI  
Height: 9.1 m AGL Gain: 0.00 dBd

Reference Grid (spacing: 1 degree)

KILOMETERS

-25

0

25

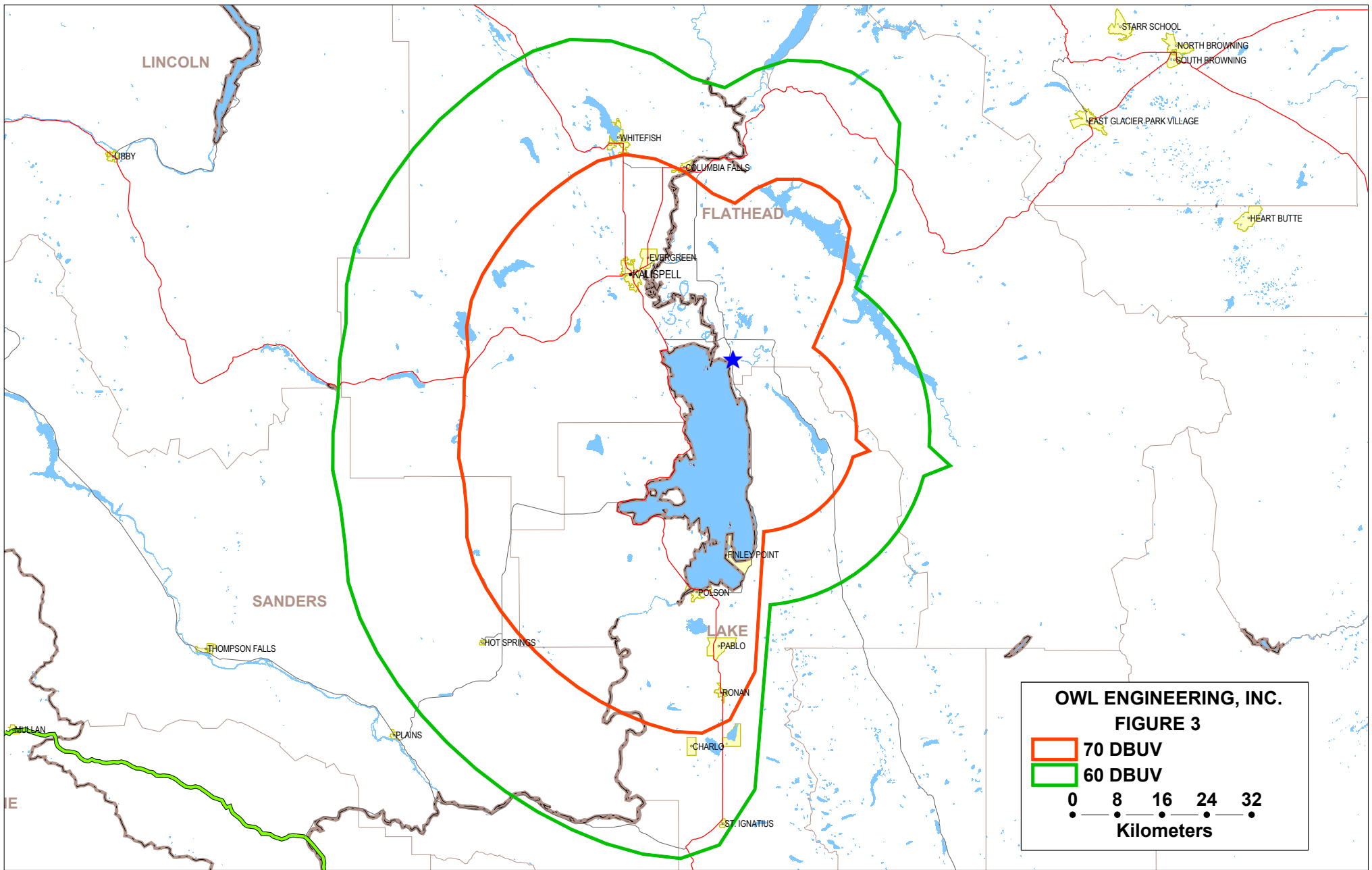
OWL ENGINEERING, INC

BIGFORK SIGNAL CONTOURS

FIGURE 2

NOVEMBER 29, 2001





### Distance to Contours

DISTANCES TO CONTOURS (Kilometers):  
Antenna COR elevation (AMSL): 1248 mtrs      Average HAAT: 136 mtrs  
Frequency: 100.7000 MHz  
Coordinates: N 47 56 57.29      W 114 1 10.99  
F(50,50) Curves      Number of Contours: 2      7

AZ (deg)	HAAT (m)	ERPd (kW)	CONTOUR LEVELS (dBu):	
			70.0	60.0
0.0	194	100.0000	42.4	63.3
45.0	-92	100.0000	18.1	31.2
90.0	-40	100.0000	18.1	31.2
135.0	-259	100.0000	18.1	31.2
180.0	207	100.0000	43.4	64.5
225.0	370	100.0000	54.8	77.5
270.0	328	100.0000	51.9	74.3
315.0	376	100.0000	55.2	77.9