

Channel Study

REFERENCE CH# 249D - 97.7 MHz, Pwr= 0.013 kW, HAAT= 122.8 M, COR= 130 M DISPLAY DATES
 30 27 06.0 N. Average Protected F(50-50)= 6.9 km DATA 04-10-09
 91 11 14.0 W. SEARCH 04-10-09

CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
249D Baker	K249DV	LIC	C LA	0.0	0.00	30 27 06.0 91 11 14.0	0.170	42.9 130	12.6 Educational Media Foundati	-49.63*	-34.91*
251C Baton Rouge	WDGL	LIC	CY LA	194.6 14.6	9.80 BLH19851122KD	30 21 58.0 91 12 47.0	100.000 457	12.2 464	83.9 Guaranty Broadcasting Comp	-9.38*	-74.40*
249A Marksville	KAPB-FM	LIC	CN LA	311.5 131.1	113.24 BLH19980109KE	31 07 27.0 92 04 40.0	6.000 100	87.5 117	28.9 Three Rivers Radio Company	18.81	61.06
247C2 Kaplan	KMDL	LIC	CN LA	240.2 59.8	89.85 BLH19970922KB	30 02 54.0 91 59 49.0	38.000 171	5.9 176	52.3 Regent Broadcasting Of Laf	76.91	37.24
249D Hammond	646176	APP	C LA	90.2 270.6	75.78 BNPFT20030317IXD	30 26 49.0 90 23 54.0	0.027	23.2 93	7.0 Radio Assist Ministry, Inc	45.76	46.21
249A Fayette	WTYJ	LIC	C MS	3.3 183.3	135.92 BLH20001013ABM	31 40 32.0 91 06 18.0	2.500 157	80.2 235	27.1 Natchez Communications, In	49.02	86.59
249A Tylertown	WTYL-FM	LIC	CN MS	52.8 233.3	125.58 BLH5092	31 07 50.0 90 08 13.0	3.000 44	66.9 148	18.9 Tylertown Broadcasting Co.	51.98	84.28
246C0 New Orleans	WEZB	LIC	C LA	117.6 298.2	126.54 BMLH20031124APH	29 55 11.0 90 01 29.0	100.000 300	10.1 300	72.4 Entercom New Orleans Licen	109.56	53.90

Terrain database is NGDC 30 SEC Distance + R = 73.215 or FCC spacings in KM, Distance + M = Margin in KM
 Contour distances are on direct line to and from reference station. Reference Zone = 2. With 3rd Adj
 Channels.
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E),
 Beamtlt(Y,N,X)
 "*"affixed to 'IN' or 'OUT' values = site inside protected contour.

Compliance with C.F.R. 74.1204

The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station WDGL, channel 251C, Baton Rouge, LA. The predicted F(50-50) field strength of WDGL at the proposed translator site is 103.3 dBu, (see Exhibit 12A-1). Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 143.3 dBu. This interfering contour extends approximately 1.7 meters from the proposed transmit antenna, and the area of overlap does not reach the top occupied floor of the building. The antenna will be mounted 4 meters above the rooftop. The top floor of the building is an unoccupied communication shelter as can be seen in Exhibit 12A-3. Thus the interfering contour will not contain any unoccupied structure.

To confirm the absence of population within the interference aperture, EMF has examined the attached photos (see Exhibit 12A-3, 12A-4 and 12A-5), which indicate that the top of the building is a communication site that is not regularly occupied.

Therefore, EMF respectfully requests a waiver of C.F.R 74.1204 based on no population within the area of predicted interference.

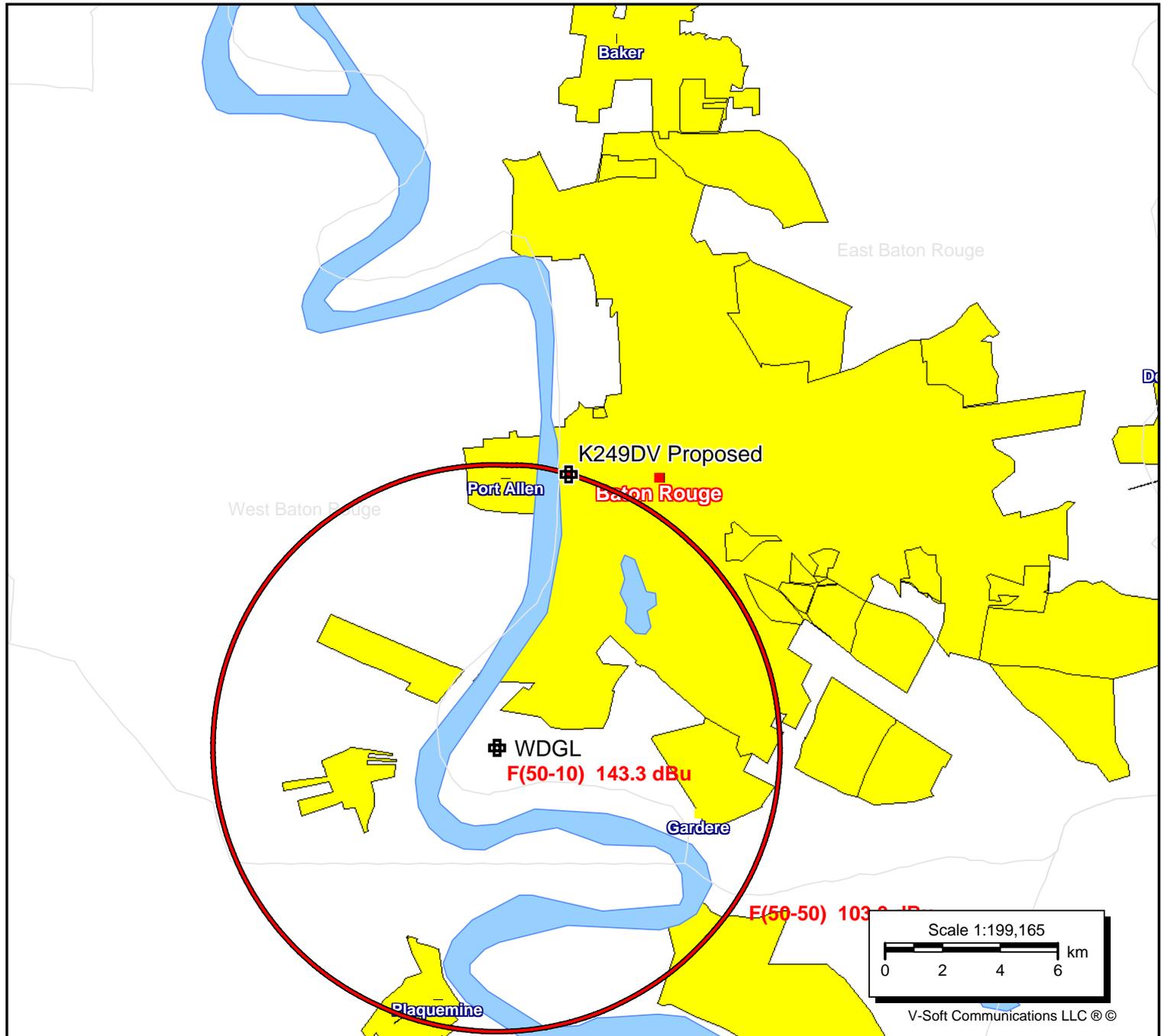
K249DV Proposed

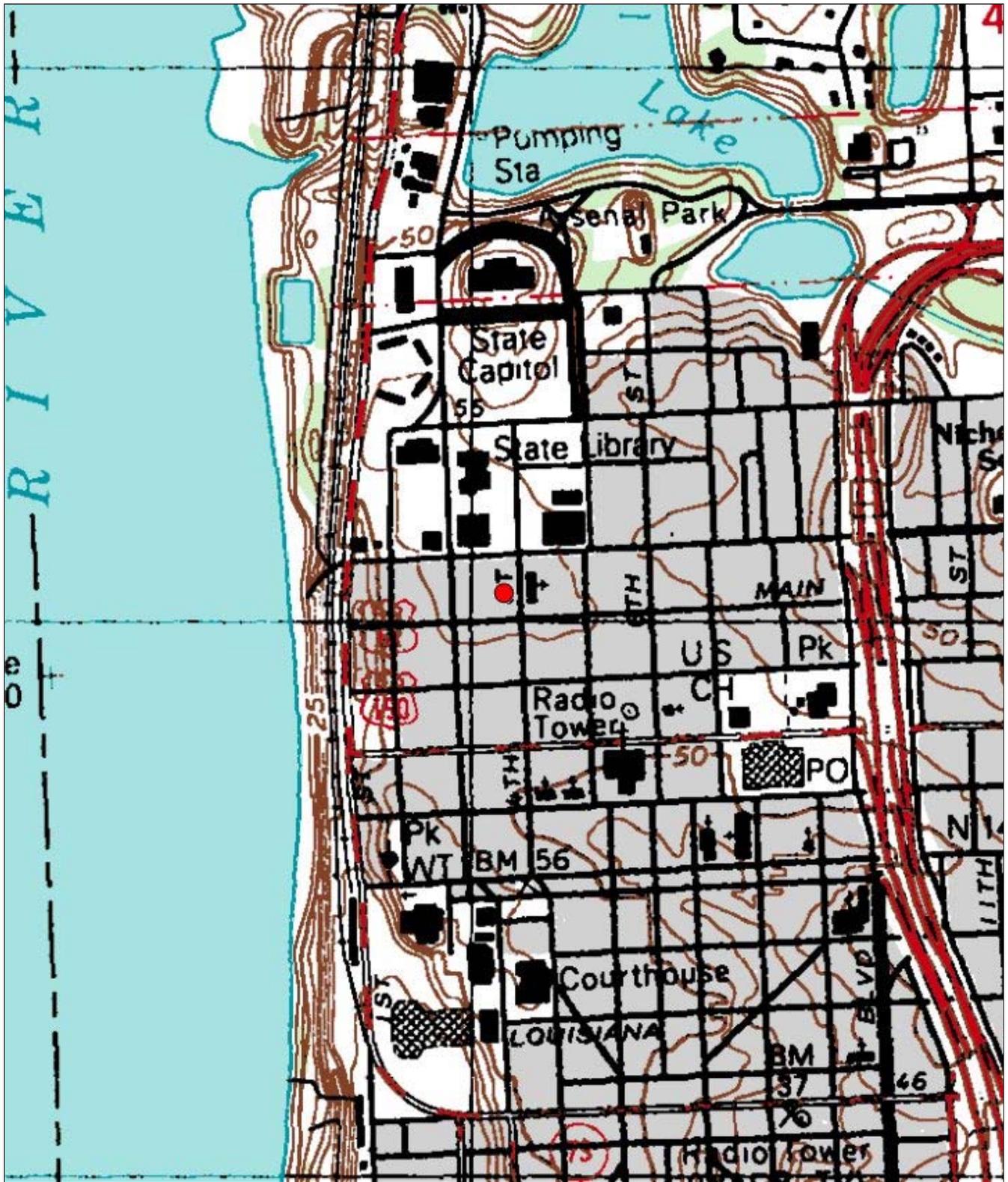
Latitude: 30-27-06 N
Longitude: 091-11-14 W
ERP: 0.013 kW
Channel: 249
Frequency: 97.7 MHz
AMSL Height: 130.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model:

WDGL

BLH19851122KD
Latitude: 30-21-58 N
Longitude: 091-12-47 W
ERP: 100.00 kW
Channel: 251
Frequency: 98.1 MHz
AMSL Height: 464.0 m
Elevation: 6.0 m
Horiz. Pattern: Omni
Prop Model:

- K249DV Proposed
- WDGL





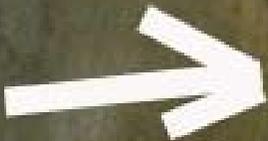
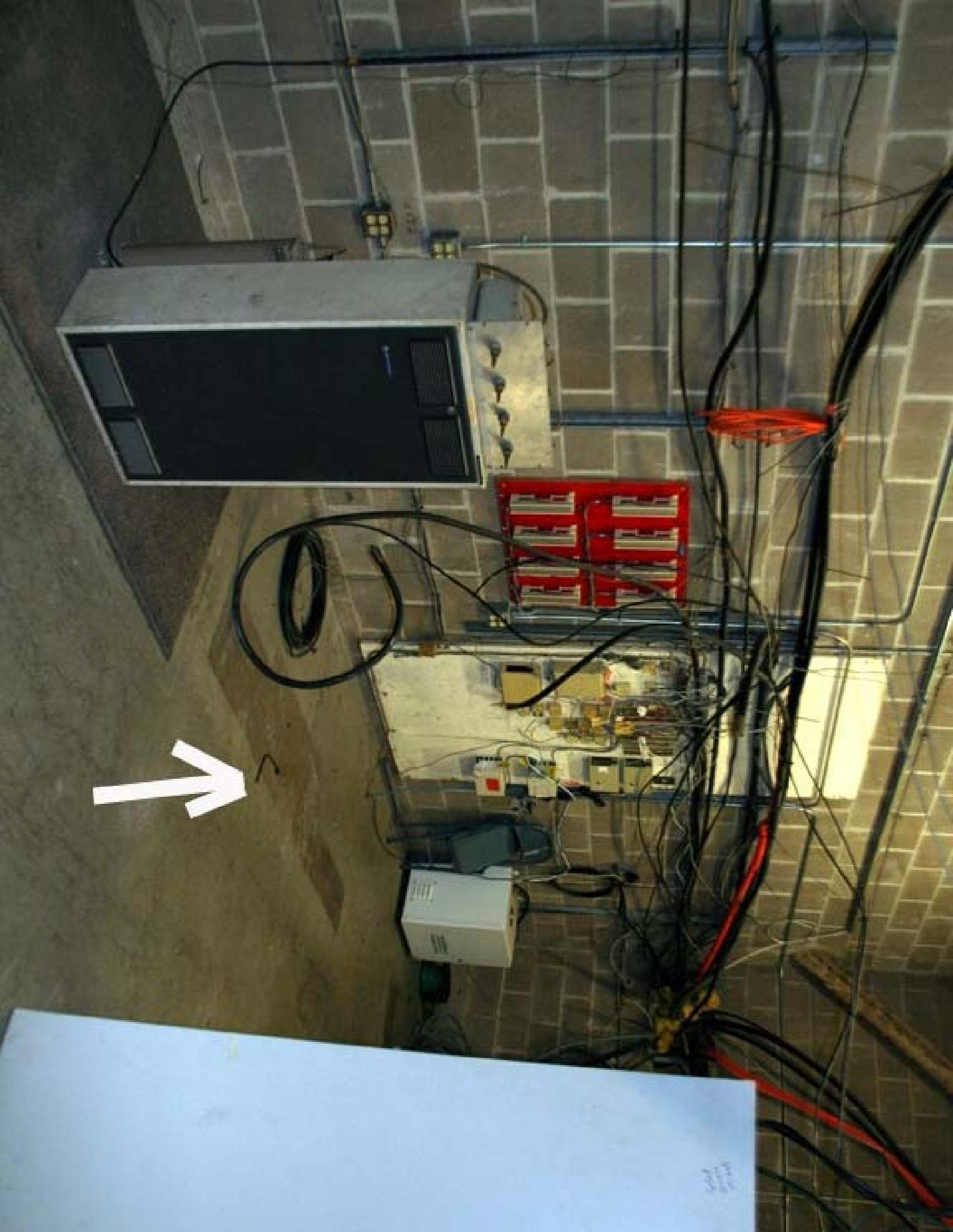
0 ————— 0.2 Mi
0 ————— 1000 Ft



**View from
NW corner**

Ladder to second roof





TOWAIR Determination Results

*** NOTICE ***

TOWAIR's findings are not definitive or binding, and we cannot guarantee that the data in TOWAIR are fully current and accurate. In some instances, TOWAIR may yield results that differ from application of the criteria set out in 47 C.F.R. Section 17.7 and 14 C.F.R. Section 77.13. A positive finding by TOWAIR recommending notification should be given considerable weight. On the other hand, a finding by TOWAIR recommending either for or against notification is not conclusive. It is the responsibility of each ASR participant to exercise due diligence to determine if it must coordinate its structure with the FAA. TOWAIR is only one tool designed to assist ASR participants in exercising this due diligence, and further investigation may be necessary to determine if FAA coordination is appropriate.

DETERMINATION Results

Structure does not require registration. The structure meets the 6.10-meter (20-foot) Rule criteria.

Your Specifications

NAD83 Coordinates

Latitude	30-27-07.0 north
Longitude	091-11-14.0 west

Measurements (Meters)

Overall Structure Height (AGL)	116
Support Structure Height (AGL)	110
Site Elevation (AMSL)	16

Structure Type

BTWR - Building with Tower

[Tower Construction Notification](#)

Notify Tribes and Historic Preservation Officers of your plans to build a tower.

Note: Notification does NOT replace [Section 106 Consultation](#).

CLOSE WINDOW