

Exhibit 11.1

Description of Proposed Antenna System

DAYTIME/NIGHTTIME ANTENNA SYSTEM

1. The present daytime four tower directional antenna system will be reduced to a single tower non-directional operation. The daytime tower will stand 89.5° or 108.0 meters above a 0.8 meter base pier and insulator for a height of 108.8 meters Above Ground Level (AGL). Including 0.9 meters for obstruction lighting, the tower will stand 109.7 meters AGL. Given the site elevation of 0.9 meters, the overall height of the tower will be 110.6 meters AMSL. The present nighttime four tower directional antenna system will be reduced to a three tower directional operation. Nighttime tower 1 will be common with the previously mentioned proposed daytime non-directional tower. The remaining nighttime towers 2 and 3 will consist of two vertical guyed, uniform cross-section steel towers. Towers 2 and 3 will stand 85.9° or 103.7 meters above 0.8 meter base piers and insulators for heights of 104.5 meters Above Ground Level (AGL). Including 0.9 meters for obstruction lighting, the towers will stand 105.4 meters AGL. Given the site elevation of 1.0 meters, the overall heights for all towers will be 106.4 meters AMSL.
2. The existing ground systems will consist of 120 buried copper radials, extending 108.6 meters in length, about the base of the day and night towers except where shortened to terminate at property boundaries or transverse copper straps running midway between the towers. The material used for the radials will be #10 AWG, soft drawn copper wire.
3. The proposed day antenna system theoretical parameters are the following:

Freq: 690 kHz NEW ORLEANS, LA, US Lat: 29-57-55 N Lng: 089-57-32 W Power: 8.0 kW Theo RMS: 305.42 mV/m @ 1km @ 1kW											
#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	89.5	0	0	0.0	0.0	0.0	0.0

4. The proposed night antenna system theoretical parameters are as follows:

Freq: 690 kHz NEW ORLEANS, LA, US Lat: 29-57-55 N Lng: 089-57-32 W Power: 2.5 kW Theo RMS: 454.26 mV/m @ 1km @ 2.5 kW											
#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	89.5	0	0	0.0	0.0	0.0	0.0
2	0.750	-18.0	138.0	176.0	85.9	0	0	0.0	0.0	0.0	0.0
3	0.750	-5.0	276.0	176.0	85.9	0	0	0.0	0.0	0.0	0.0

Theoretical RMS: 454.26 mV/m@1km						Erss = 497.94 mV/m@1km					
Standard RMS: 477.26 mV/m@1km						Q = 15.81 mV/m@1km					

5. The sampling system for the proposed array(s) will conform to §73.68 of the Commission's Rules regarding approved sampling systems.

Exhibit 11.2

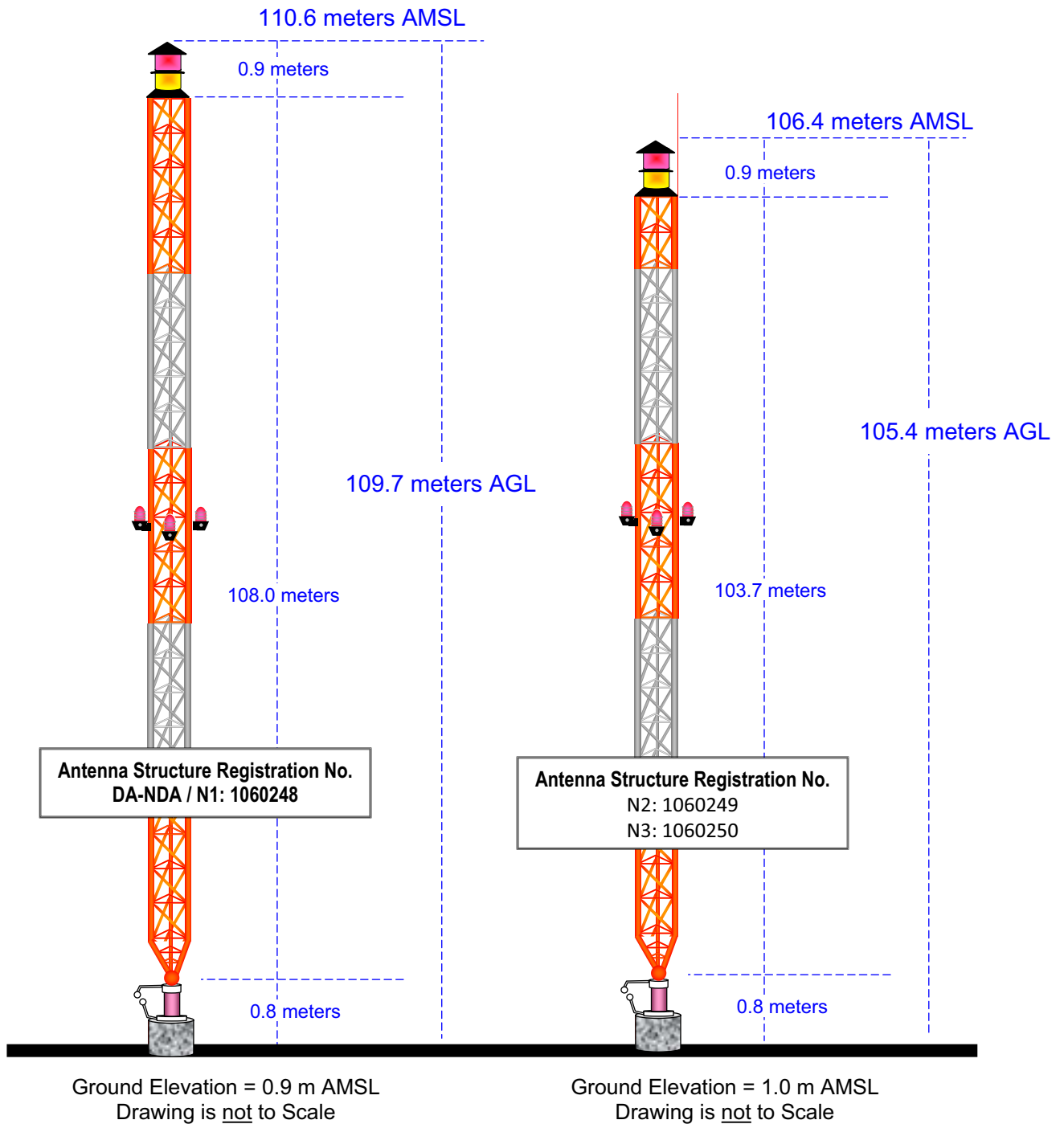
Vertical Plan of Antenna System

The site is located on Paris Road & Florida Walk.
the city of Calmette, St. Bernard County, Louisiana.

Site Location (NAD 27)

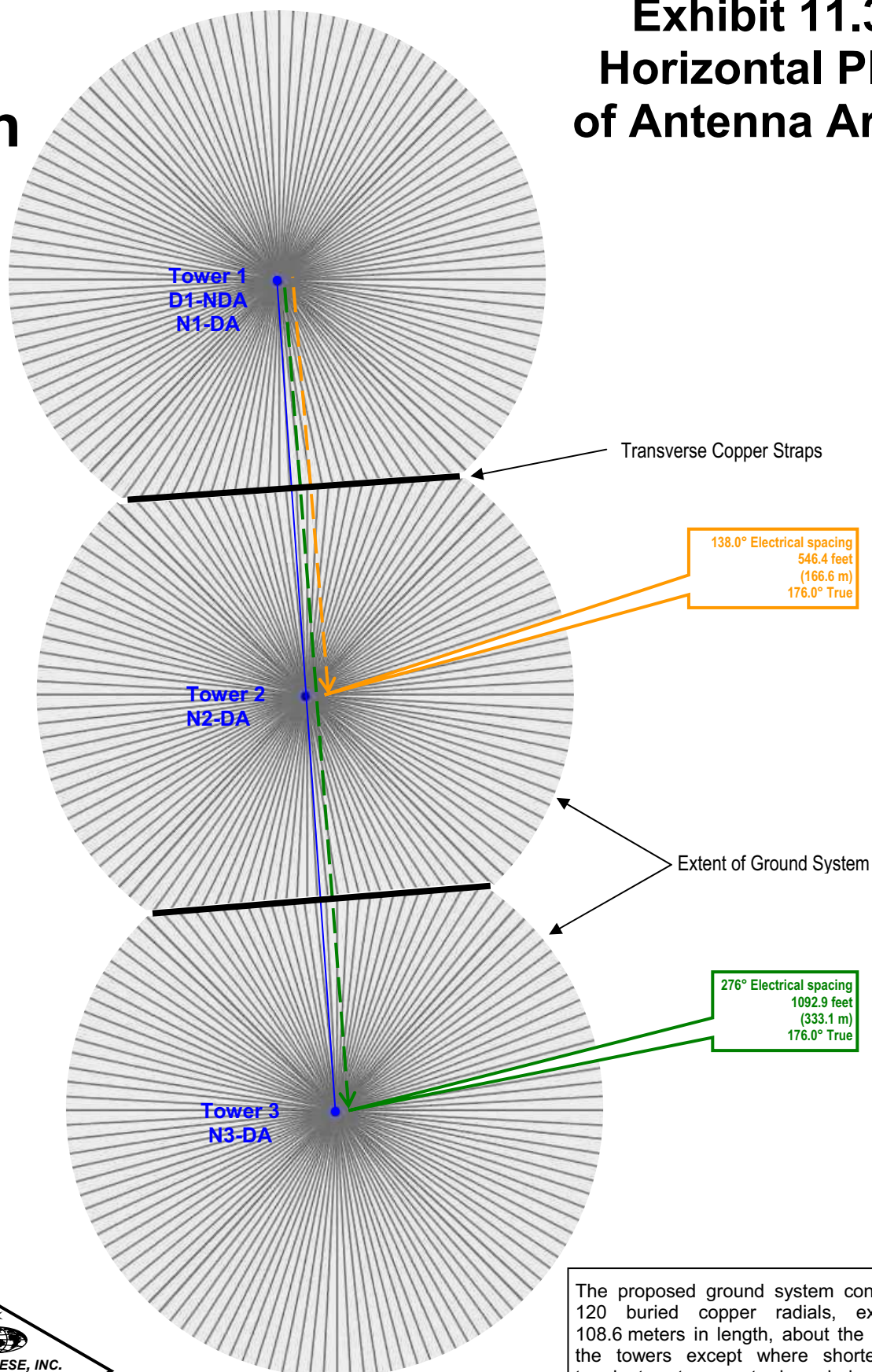
NL: 29° 57' 55"

WL: 89° 57' 32"



↑
North

Exhibit 11.3 Horizontal Plat of Antenna Array



The proposed ground system consists of 120 buried copper radials, extending 108.6 meters in length, about the base of the towers except where shortened to terminate at property boundaries. The material used for the radials will be #10 AWG, soft drawn copper wire

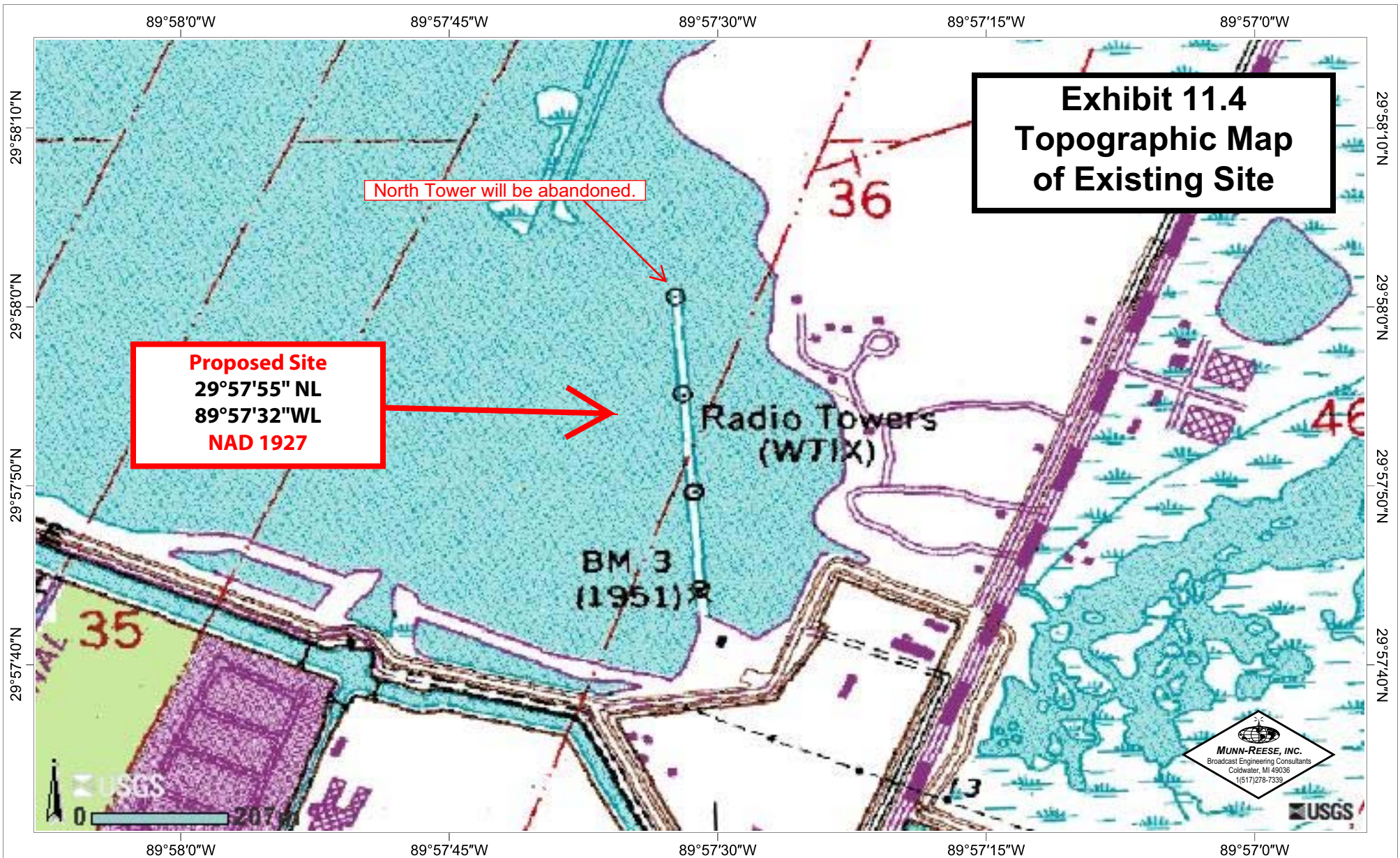


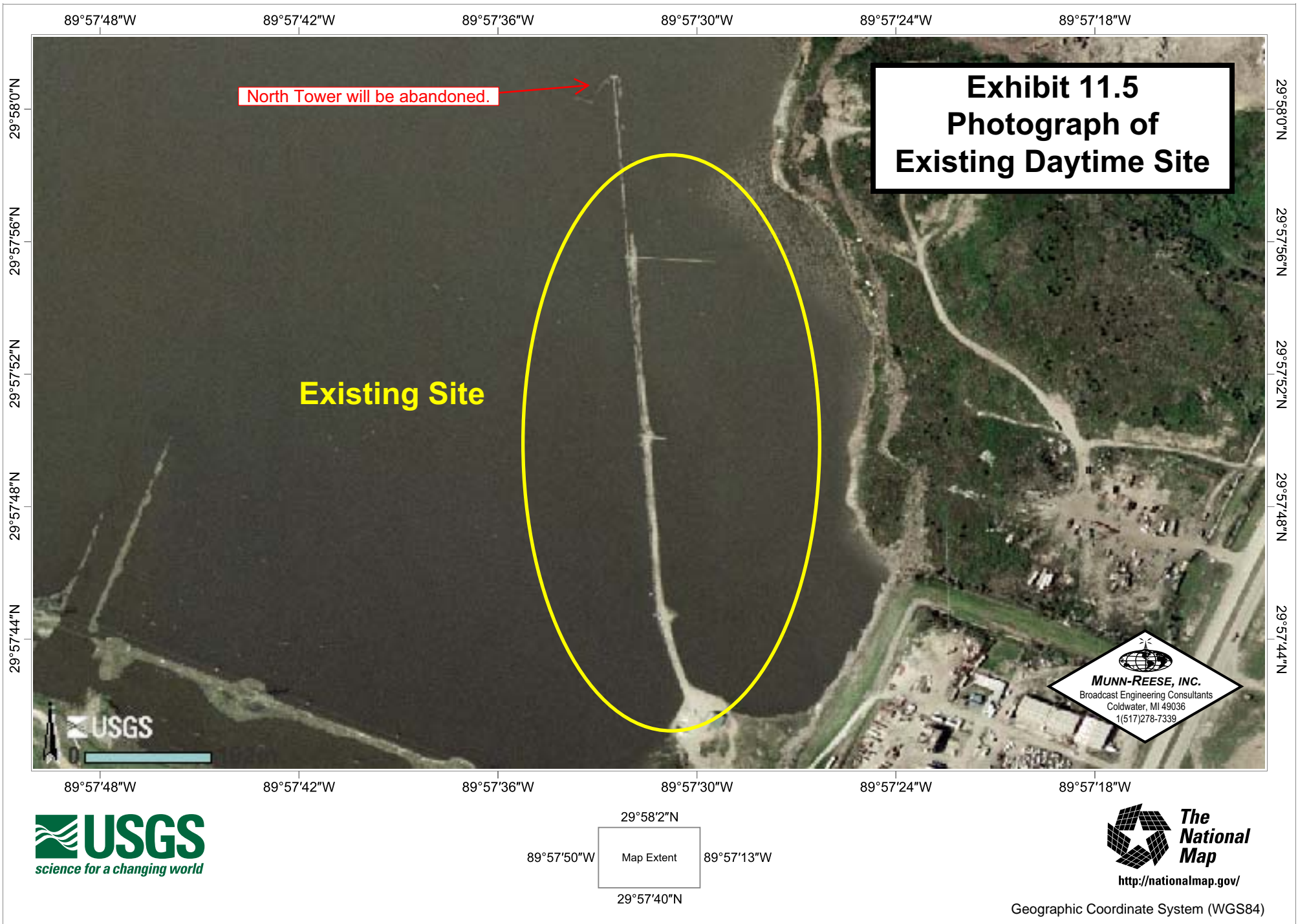
Exhibit 11.4
Topographic Map
of Existing Site

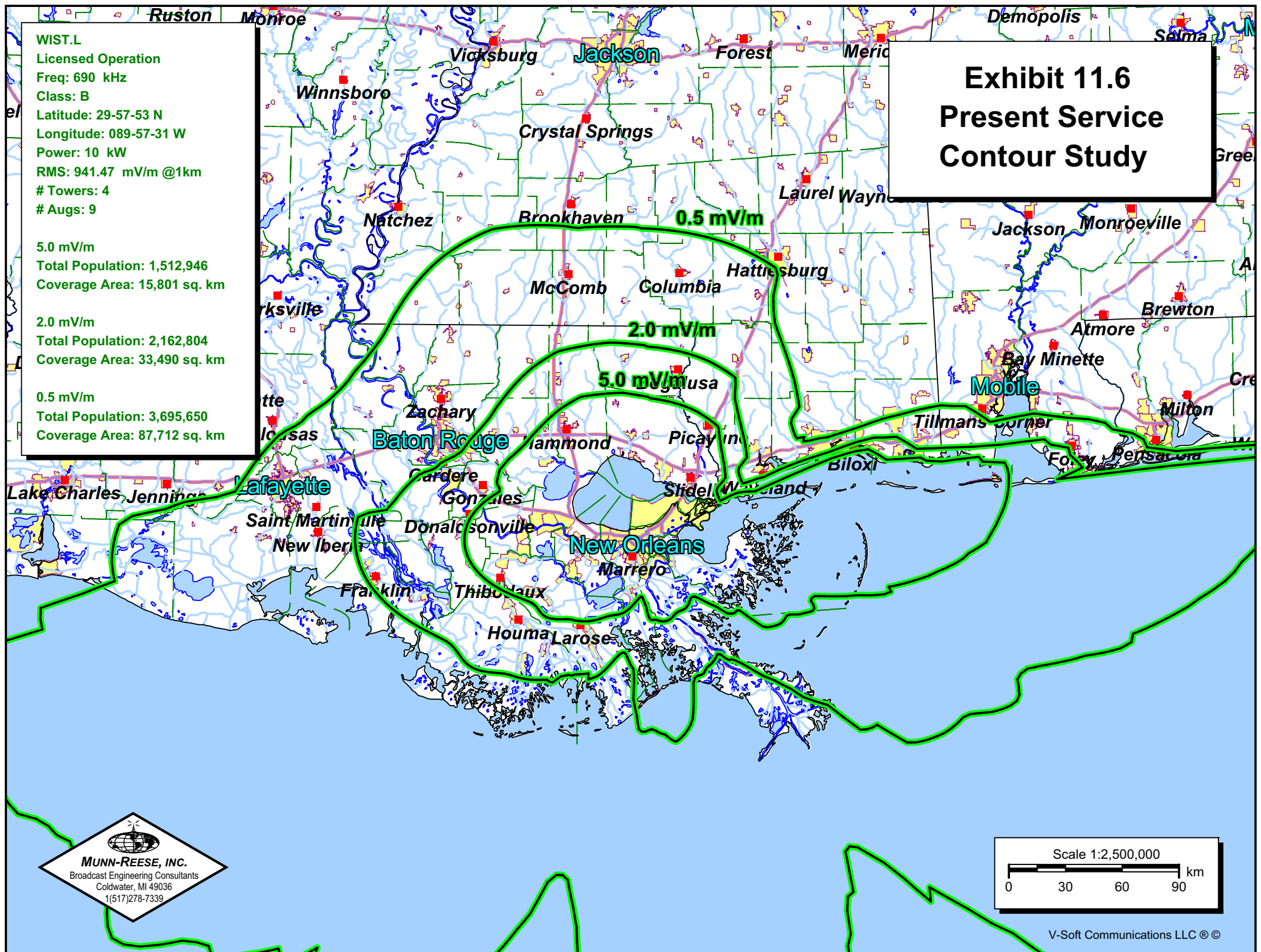


29°58'15"N
89°58'8"W Map Extent 89°56'54"W
29°57'31"N



Geographic Coordinate System (WGS84)





WIST.P
Licensed Operation
Freq: 690 kHz
Class: B
Latitude: 29-57-55 N
Longitude: 089-57-32 W
Power: 8 kW
RMS: 305.42 mV/m @1km
Towers: 1
Augs: 0

5.0 mV/m
Total Population: 1,463,833
Coverage Area: 16,675 sq. km

2.0 mV/m
Total Population: 2,034,016
Coverage Area: 32,200 sq. km

0.5 mV/m
Total Population: 3,319,285
Coverage Area: 75,648 sq. km

Exhibit 11.6 Proposed Service Contour Study

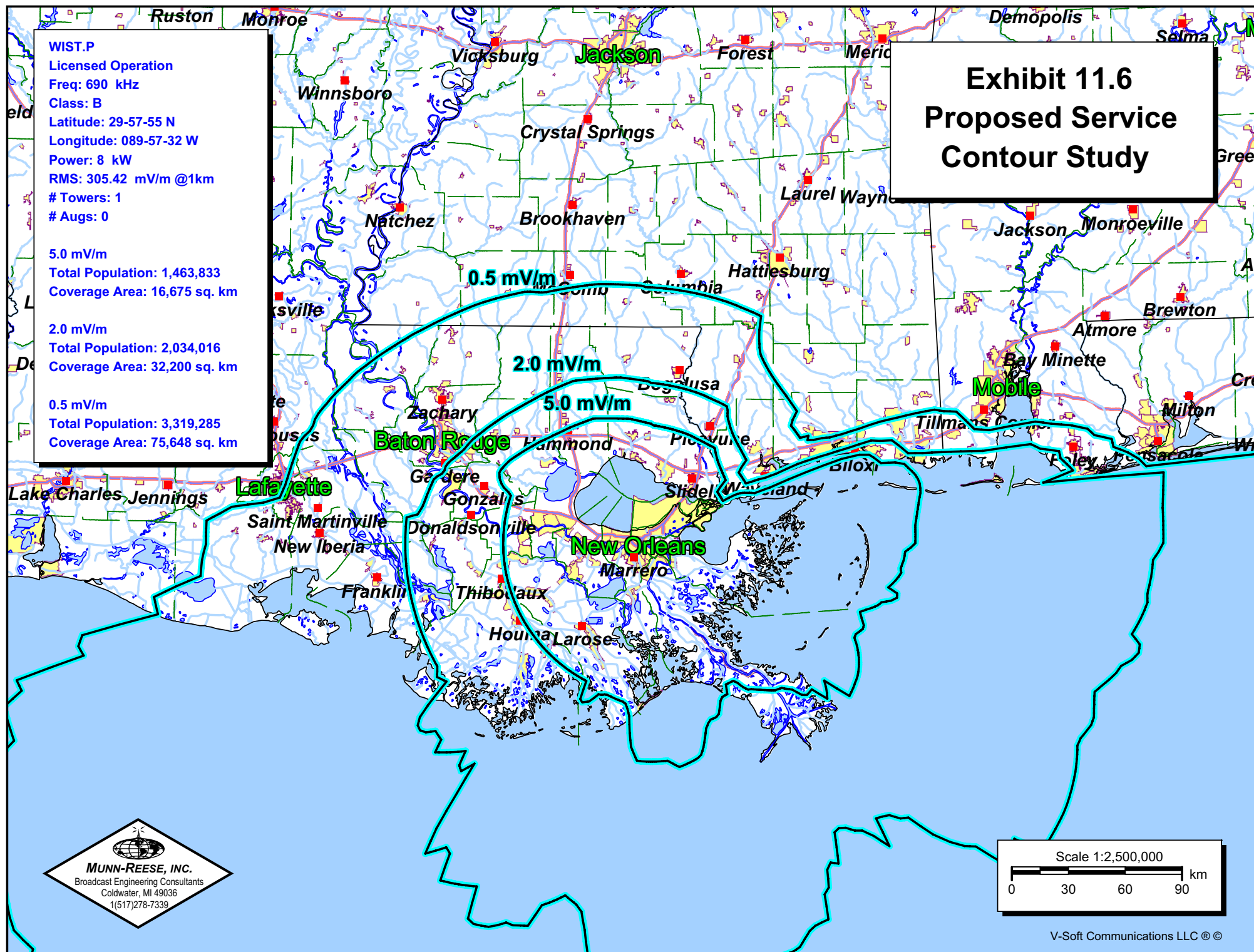


Exhibit 11.7 Present & Proposed Nighttime Interference Free Service Contour Study (N.I.F.)

WIST.L
Present Operation
Freq: 690 kHz
Class: B
Latitude: 29-57-53 N
Longitude: 089-57-31 W
Power: 5 kW
RMS: 635.69 mV/m @1km
Towers: 4
Augs: 18

7.921 mV/m N.I.F.
Total Population: 1,094,391
Coverage Area: 9,522 sq. km

WIST.P
Proposed Operation
Freq: 690 kHz
Class: B
Latitude: 29-57-55 N
Longitude: 089-57-32 W
Power: 2.5 kW
RMS: 454.26 mV/m @1km
Towers: 3
Augs: 0

7.921 mV/m N.I.F.
Total Population: 1,064,590
Coverage Area: 5,543 sq. km

Total New Orleans, LA City Area: 906.96 km²
Present New Orleans, LA City Coverage: 515.02 km² (56.79%)
Proposed New Orleans, LA City Coverage: 554.34 km² (61.12%)

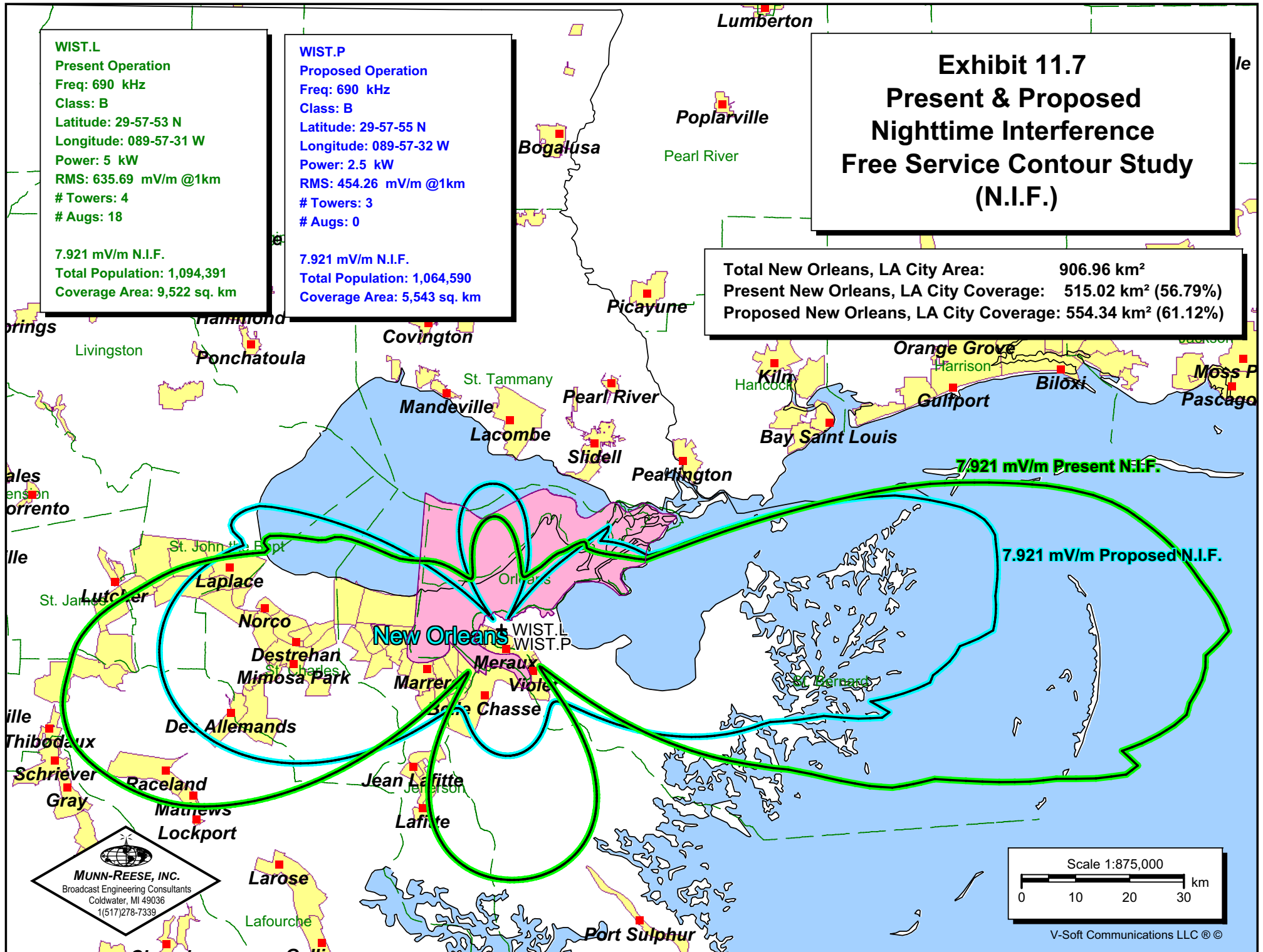


Exhibit 11.7 Proposed Daytime & Nighttime 1.0 V/m "Blanket" Interference Study

WIST.P (day)
Proposed Operation
Freq: 690 kHz
Class: B
Latitude: 29-57-55 N
Longitude: 089-57-32 W
Power: 8 kW
RMS: 305.42 mV/m @1km
Towers: 1
AUs: 0

1.0 V/m "Blanket" Contour
Total Population: 0

WIST.P (night)
Proposed Operation
Freq: 690 kHz
Class: B
Latitude: 29-57-55 N
Longitude: 089-57-32 W
Power: 2.5 kW
RMS: 454.26 mV/m @1km
Towers: 3
AUs: 0

1.0 V/m "Blanket" Contour
Total Population: 0

1.0 V/m Proposed Daytime "Blanket" Contour

1.0 V/m Proposed Nighttime "Blanket" Contour

WIST.P (day)
WIST.P (night)



"+" Represents U.S. Census 2000 Population SF1 Centroid Datum

