

Exhibit 11.1

Description of Proposed Antenna System

DAYTIME/NIGHTTIME ANTENNA SYSTEM

- 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.
- 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.
- The proposed day antenna system theoretical parameters are the following:

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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

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#	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

- The proposed night antenna system theoretical parameters are as follows:

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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

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#	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

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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

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- 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

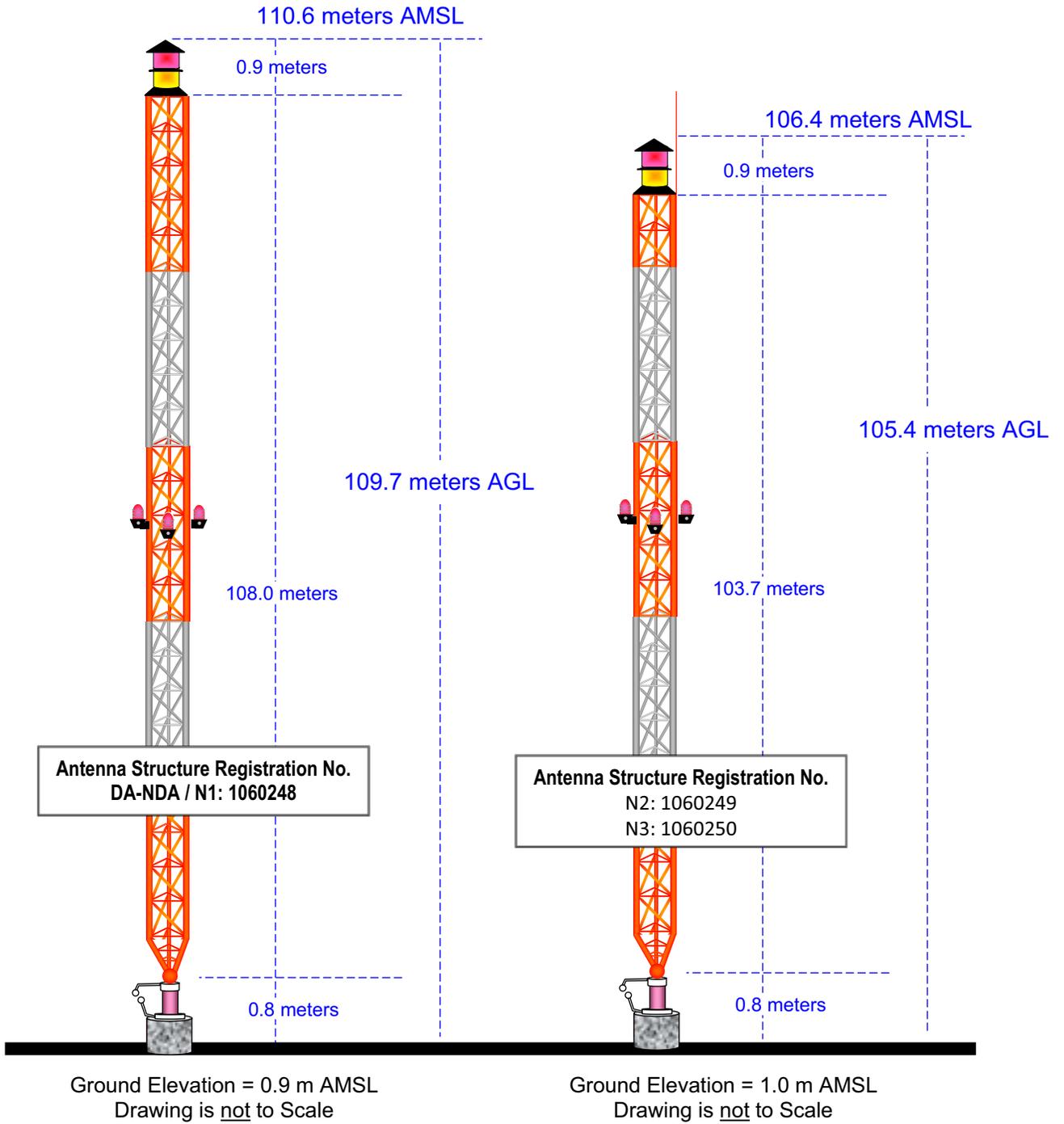
Vertical Plan of Antenna System

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

Site Location (NAD 27)

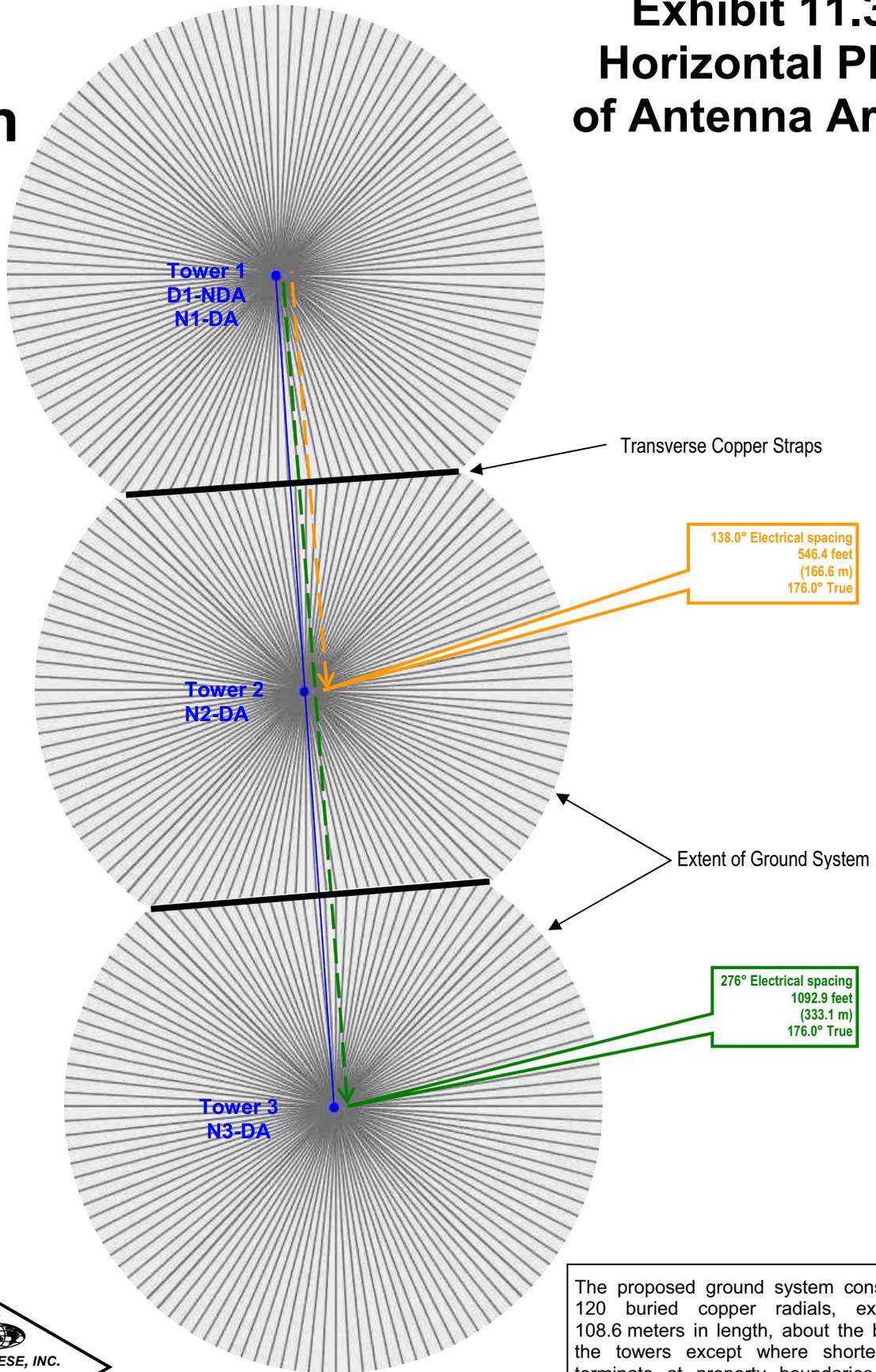
NL: 29° 57' 55"

WL: 89° 57' 32"

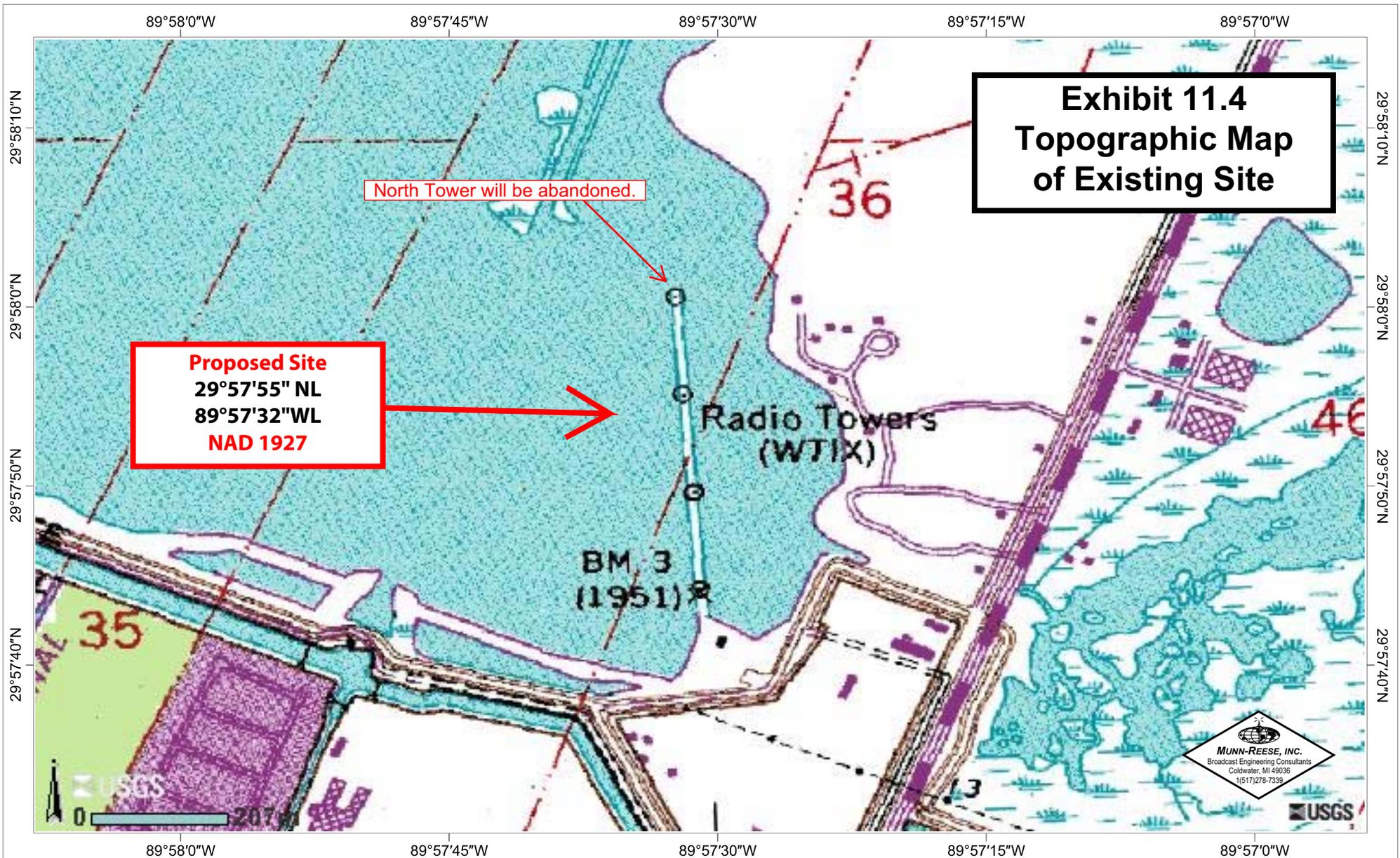


↑
North

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



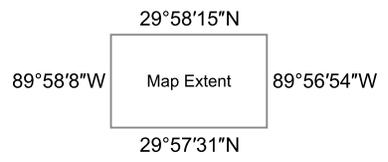
**Exhibit 11.4
Topographic Map
of Existing Site**

North Tower will be abandoned.

Proposed Site
29°57'55" NL
89°57'32" WL
NAD 1927

Radio Towers
(WTIX)

BM 3
(1951)



Geographic Coordinate System (WGS84)

89°57'48"W

89°57'42"W

89°57'36"W

89°57'30"W

89°57'24"W

89°57'18"W

29°58'0"N

29°57'56"N

29°57'52"N

29°57'48"N

29°57'44"N

29°58'0"N

29°57'56"N

29°57'52"N

29°57'48"N

29°57'44"N

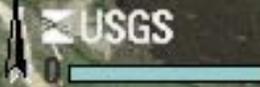
North Tower will be abandoned.

Exhibit 11.5 Photograph of Existing Daytime Site

Existing Site



MUNN-REESE, INC.
Broadcast Engineering Consultants
Coldwater, MI 49036
1(517)278-7339



89°57'48"W

89°57'42"W

89°57'36"W

89°57'30"W

89°57'24"W

89°57'18"W



29°58'2"N

89°57'50"W Map Extent 89°57'13"W

29°57'40"N



<http://nationalmap.gov/>

Geographic Coordinate System (WGS84)

Exhibit 11.6 Present Service Contour Study

WIST.L
 Licensed Operation
 Freq: 690 kHz
 Class: B
 Latitude: 29-57-53 N
 Longitude: 089-57-31 W
 Power: 10 kW
 RMS: 941.47 mV/m @1km
 # Towers: 4
 # Augs: 9

5.0 mV/m
 Total Population: 1,512,946
 Coverage Area: 15,801 sq. km

2.0 mV/m
 Total Population: 2,162,804
 Coverage Area: 33,490 sq. km

0.5 mV/m
 Total Population: 3,695,650
 Coverage Area: 87,712 sq. km

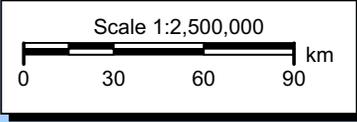
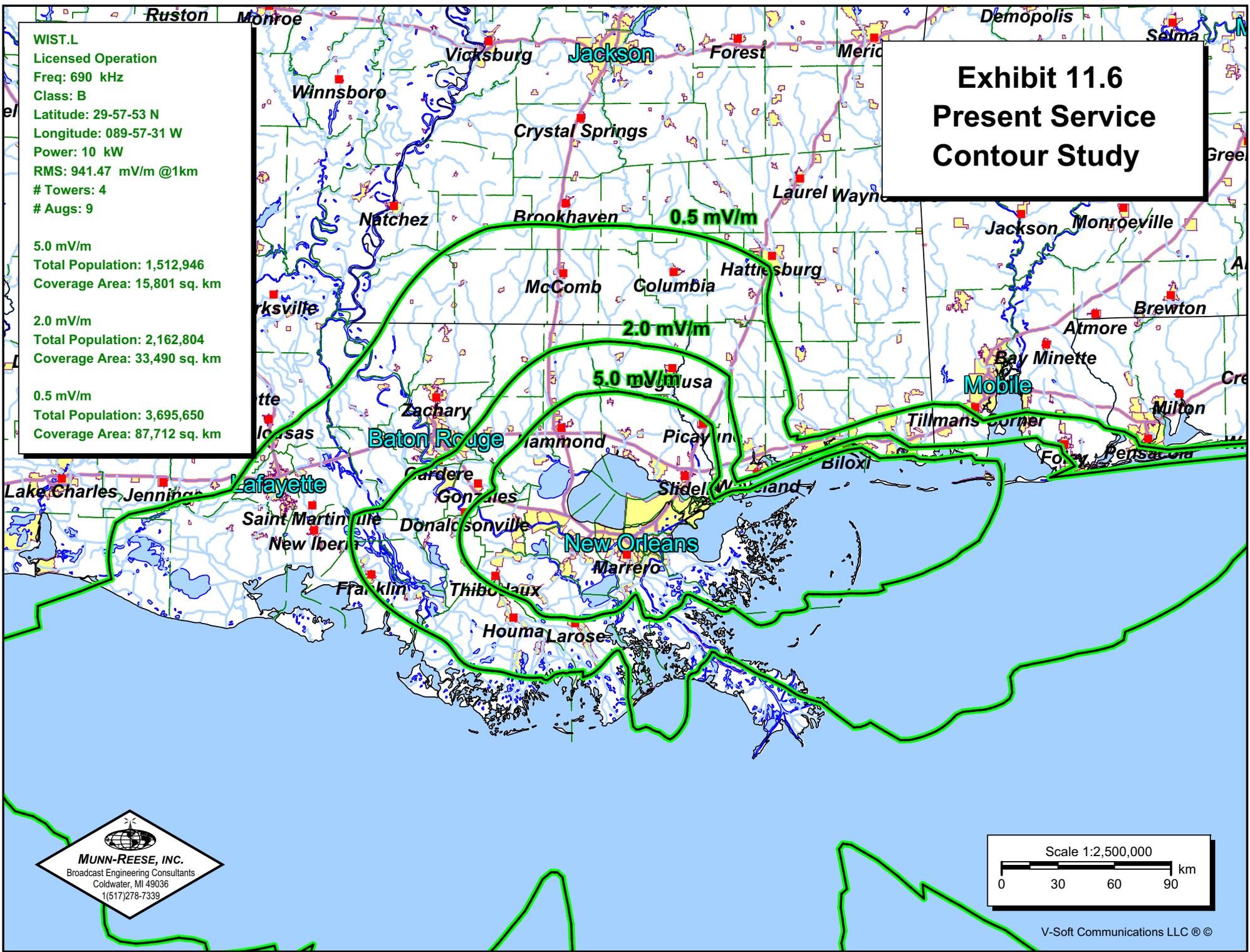


Exhibit 11.6 Proposed Service Contour Study

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

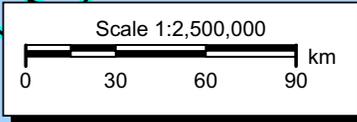
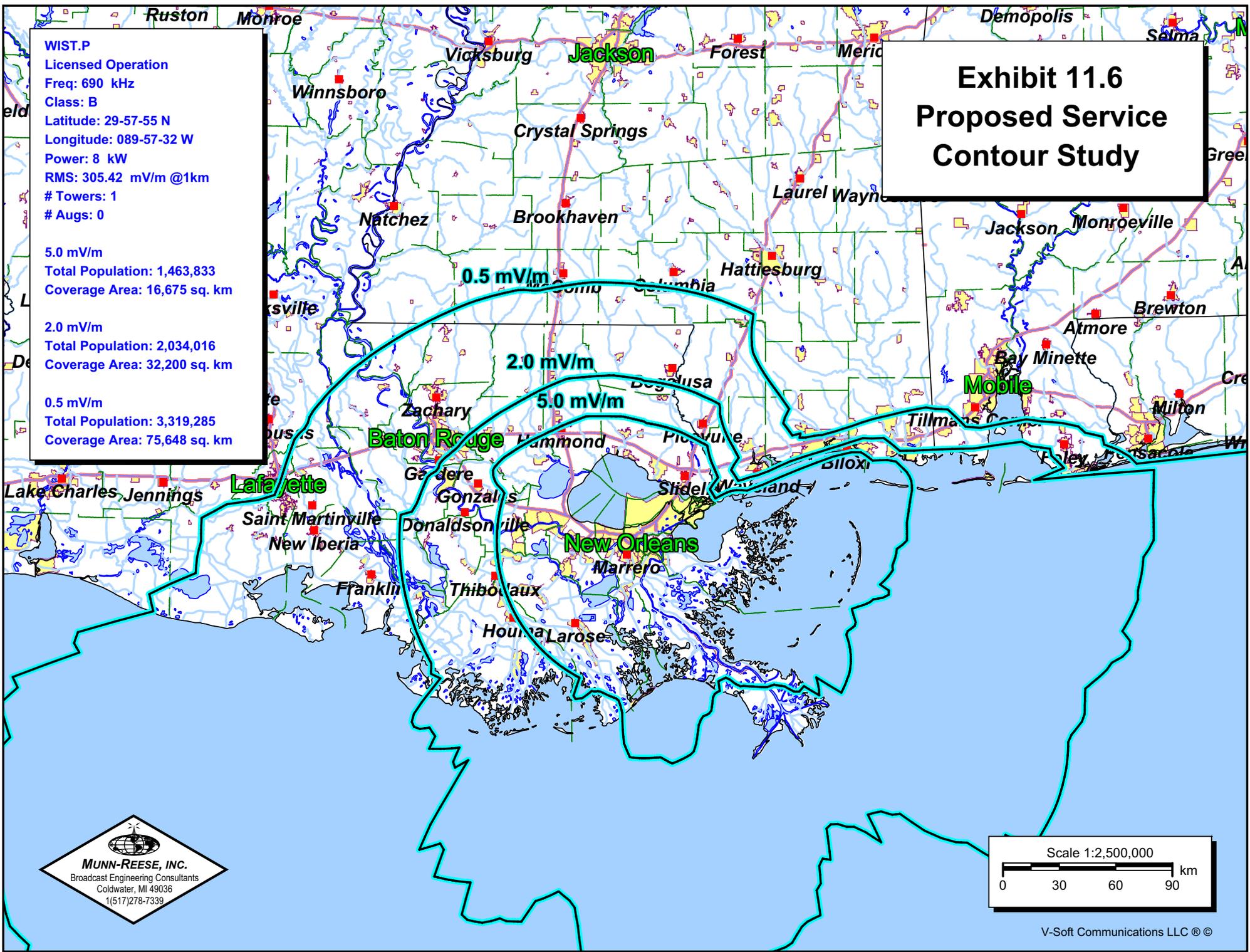


Exhibit 11.7 Present & Proposed Nighttime Interference Free Service Contour Study (N.I.F.)

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 km ²
Present New Orleans, LA City Coverage:	515.02 km ² (56.79%)
Proposed New Orleans, LA City Coverage:	554.34 km ² (61.12%)

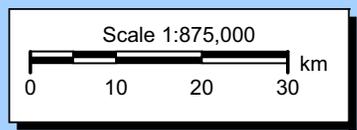
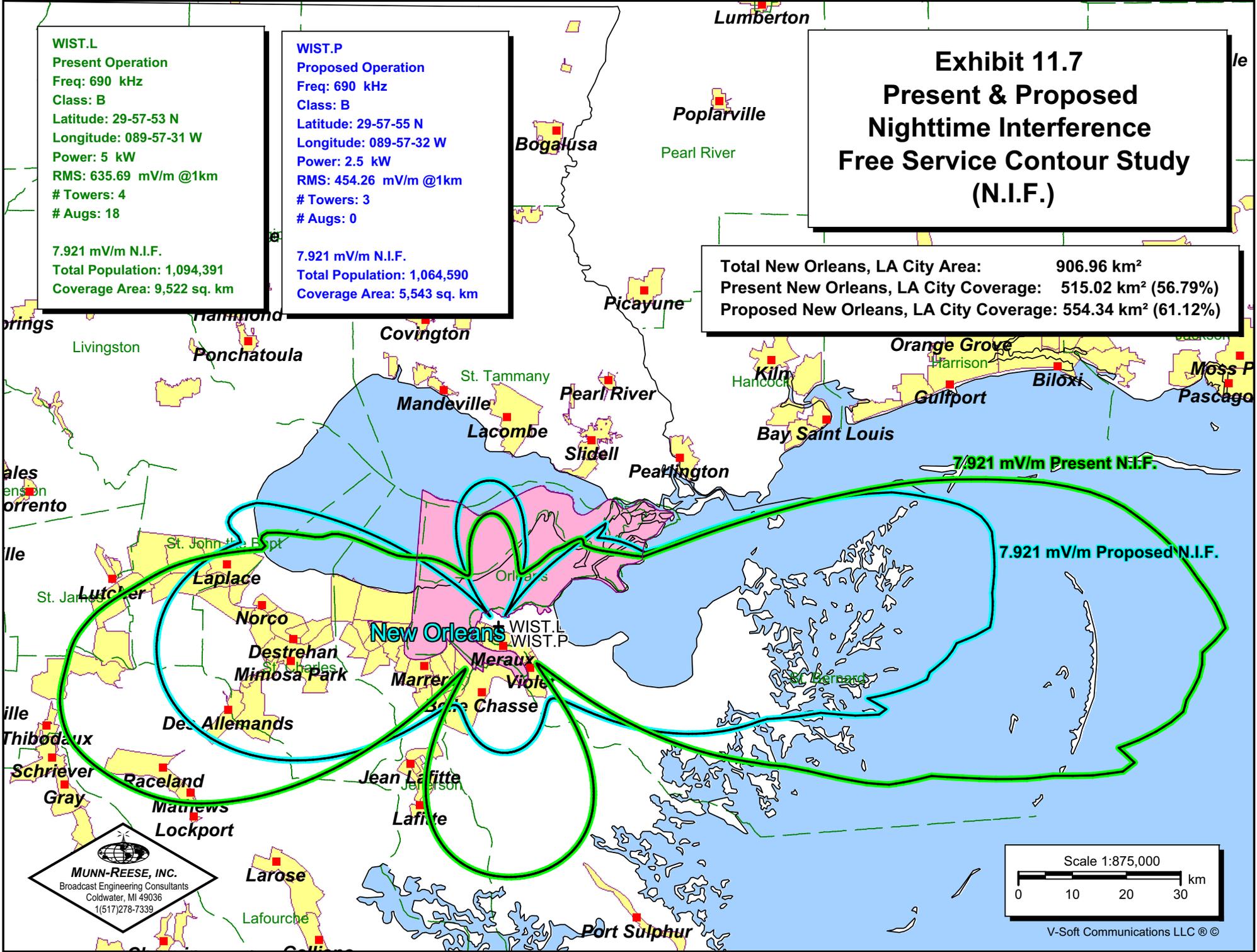


Exhibit 11.7 Proposed Daytime & Nighttime 1.0 V/m "Blanket" Interference Study

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
 # Augs: 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
 # Augs: 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

