EXHIBIT 12.1
DESCRIPTION OF PROPOSED ANTENNA SYSTEM

DAYTIME/NIGHTTIME ANTENNA SYSTEM

1. The daytime antenna system will consist of four (4) vertical guyed, uniform cross-section steel towers. The nighttime antenna system will consist of three (3) vertical guyed, uniform cross-section steel towers. Two towers will be common between day and night modes of operations. All towers will stand 104.0° or 59.3 meters above a 1.2 meter base pier and insulator for a height of 60.5 meters Above Ground Level (AGL). TOWAIR has been consulted and no obstruction lighting is required. Given the site elevation of 283.5 meters, the overall heights for all tower will be 344.0 meters AMSL.

2. The proposed ground system will consist of 120 buried copper radials, extending 64.6 meters (212 feet) in length, about the base of the Daytime Towers 1 and 2 and 51.3 meters (168 ft) in length around the remaining daytime and nighttime towers. Radials will run the entire length except where shortened to terminate at property boundaries or at transverse copper straps running midway between the towers. The material used for the radial will be #10 AWG, soft drawn copper wire.

3. The proposed day antenna system theoretical parameters are as follows:

PROPOSED DAYTIME THEORETICAL PARAMETERS				
TOWER	**FIELD**	**PHASE**	**SPACING**	**ORIENTATION**
1(NW)	1.000	0.0°	0.0°	0.0°
2(NE)	0.630	-71.0°	113.2°	63.5°
2(SW)	0.530	-6.0°	186.0°	173.0°
3(SE)	0.334	-77.0°	113.2°*	63.5°*

*** referenced to preceding tower.**

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

PROPOSED NIGHTTIME THEORETICAL PARAMETERS				
TOWER	**FIELD**	**PHASE**	**SPACING**	**ORIENTATION**
1 (N)	0.622	-117.7°	0.0°	0.0°
2(C)	1.000	0.0°	93.0°	173.0°
3(S)	0.555	157.3°	186.0°	173.0°

5. The theoretical RMS for the proposed daytime operation will be 235.79 mV/m at one kilometer. The standard pattern RMS will be 274.80 mV/m at one kilometer with a theoretical RSS of 279.11 mV/m at one kilometer. Daytime power will be 0.67 kW.

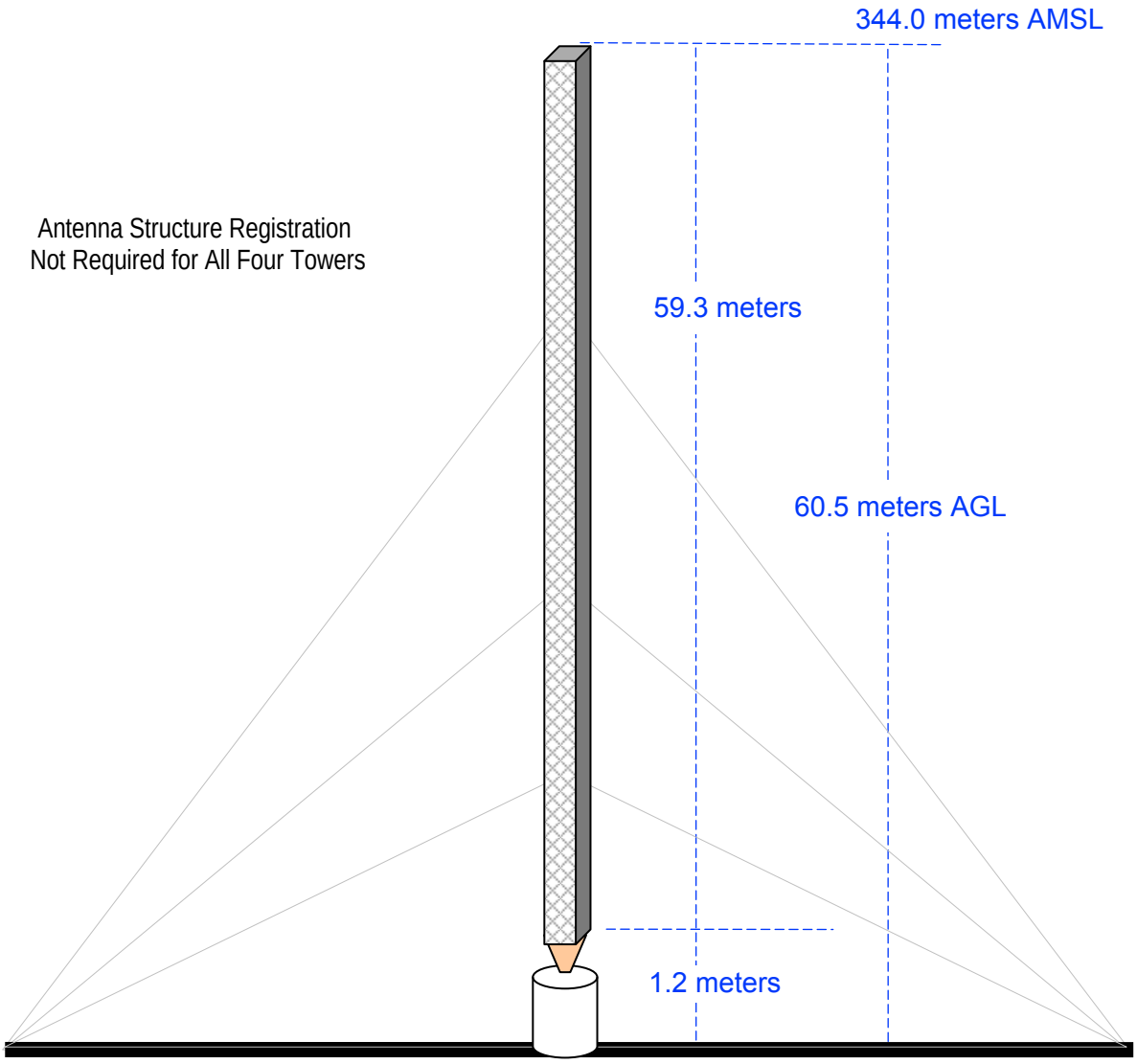
6. The theoretical RMS for the proposed nighttime array will be 140.88 mV/m at one kilometer. The standard pattern RMS will be 148.30 mV/m at one kilometer with a theoretical RSS of 186.57 mV/m at one kilometer. Nighttime power will be 0.175 kW.

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

EXHIBIT 12.2
VERTICAL PLAN OF ANTENNA SYSTEM

The site is located 0.9 km northeast of the intersection of E. Maple and Child's Lake Roads, city of Wixom, Oakland, County, Michigan.

Site Location
NL: 42° 32' 39"
WL: 83° 33' 36"



Ground Elevation = 283.5 m AMSL
Drawing is not to Scale

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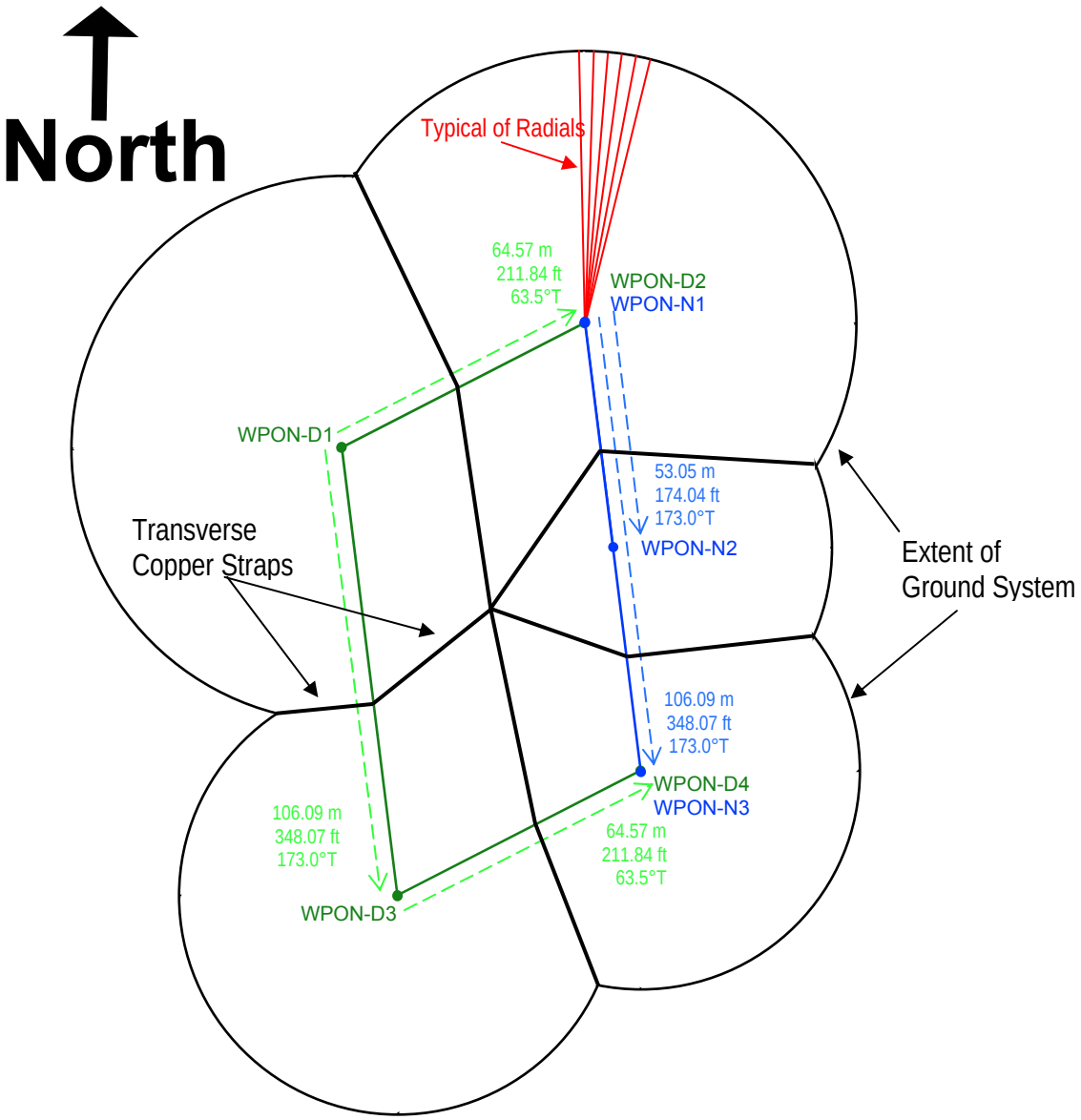
Exhibit 12.3
Horizontal Plat of Antenna Array



The proposed ground system will consist of 120 buried copper radials, extending 64.6 meters (212 feet) in length, about the base of the Daytime Towers 1 and 2 and 51.3 meters (168 ft) in length around the remaining daytime and nighttime towers. Radials will run the entire length except where shortened to terminate at property boundaries or at transverse copper straps running midway between the towers. The material used for the radial will be #10 AWG, soft drawn copper wire.

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Exhibit 12.4
Topographic Map of Proposed Site

Proposed Site

PROUD LAKE STATE RECRE TION AREA

C O M M E R C E

Sherwood Lake

Bass Lake

Moss Lake

Proud Lake

Commerce Lake

Loon Lake

Twin Lake

Sun Lake

Wolverine L

Gallager Lake

Childs Lake

Huron River

Norton Creek

Fish Hatchery

Picnic Area

Campground

Gravel Pit

Oakley Park

Glengary

Hickory Hill Golf Club

Trailer Park

Sewage Disposal Pond

Spencer Landing Field

Substation

Wixom Cem

Wixom

N O V I

WIXOM ROAD

GRAND TRUNK WESTERN AND CHESAPEAKE

WEST MAPLE ROAD

POTTER ROAD

GLENGARY ROAD

BOUNDARY LOOP

SLEETH ROAD

BASS LAKE ROAD

BENSTEIN ROAD

PLANK ROAD

OLD 23 ROAD

CHILDS LAKE ROAD

DUCK LAKE ROAD

GARDEN ROAD

HAAS ROAD

BECK ROAD

OHIO AVENUE

PONTIAC TRAIL

BR 906

BR 973

CORPORATE BOUNDARY

WIXOM CORPORATE BOUNDARY

NOVI CORPORATE BOUNDARY

WALLED LAKE 1 MI.

(WALLED LAKE) 4369 III SW

(NORTHVILLE) 4369 IV NW

(SALEM) 4268 I NE

14 MI. TO U.S. 24

R. 7 E.

R. 8 E.

T. 2 N.

T. 1 N.

2 200 000 FEET

35′

32′30″

42°30′

83°30′

4718

4717

4716

4714

4713

4710

4709000m N.

2892000m E.

SCALE 1:24 000

1 MILE

7000 FEET

1 KILOMETER

CONTOUR INTERVAL 10 FEET

DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION

Primary highway, all weather, hard surface

Secondary highway, all weather, hard surface

Light-duty road, all weather, improved surface

Unimproved road, fair or dry weather

Interstate Route

MN

GN

3½° 62 MILS

1°44′ 31 MILS

MICHIGAN

QUADRANGLE LOCATION

MILFORD, MICH.

N4230—W8330/7.5

1969

PHOTOREVISED 1973

AMS 4269 II SE—SERIES V862

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1974

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092

A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

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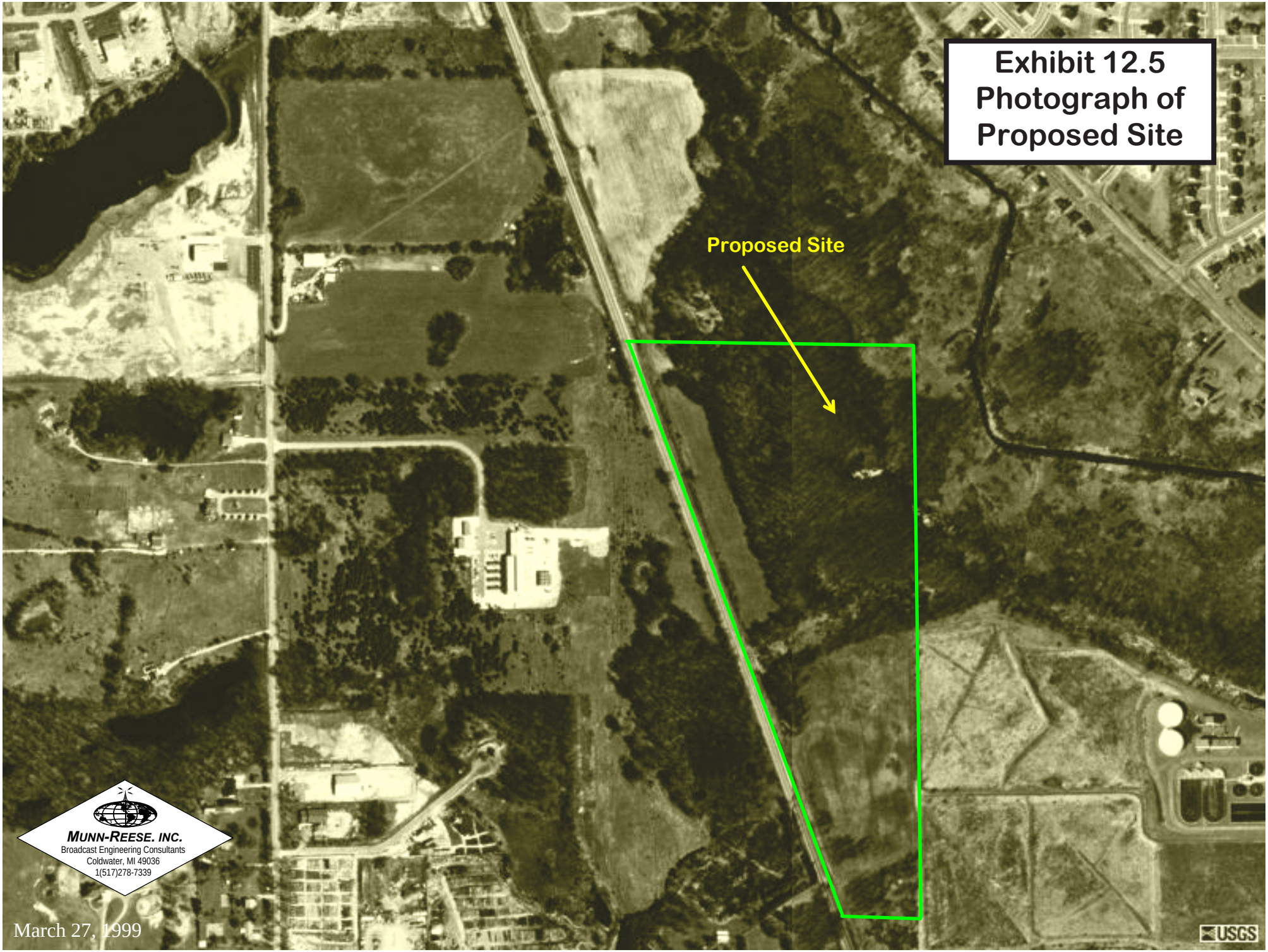
Exhibit 12.5
Photograph of
Proposed Site
Proposed Site
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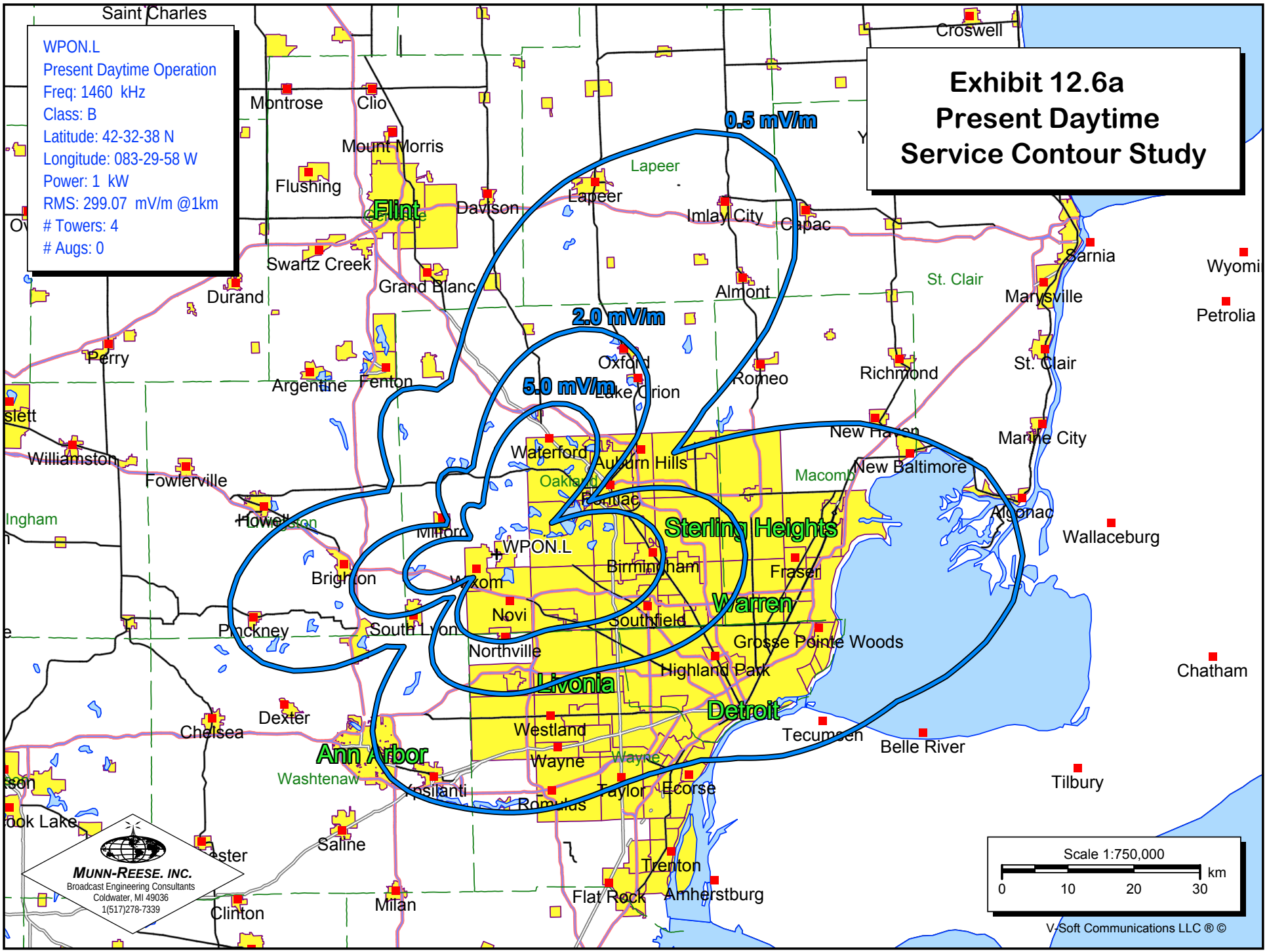
Broadcast Engineering Consultants
Coldwater, MI 49036
1(517)278-7339
March 27, 1999
USGS


WPON.L
Present Daytime Operation
Freq: 1460 kHz
Class: B
Latitude: 42-32-38 N
Longitude: 083-29-58 W
Power: 1 kW
RMS: 299.07 mV/m @1km
Towers: 4
Augs: 0
Exhibit 12.6a
Present Daytime
Service Contour Study
0.5 mV/m
2.0 mV/m
5.0 mV/m
Flint
Sterling Heights
Warren
Livonia
Detroit
Ann Arbor
Saint Charles
Croswell
Montrose
Clio
Mount Morris
Flushing
Lapeer
Davison
Imlay City
Capac
Swartz Creek
Grand Blanc
Durand
Almont
St. Clair
Sarnia
Marysville
Petrolia
Wyomi
Perry
Argentine
Fenton
Oxford
Lake Orion
Romeo
Richmond
St. Clair
Marine City
Williamston
Fowlerville
Waterford
Auburn Hills
New Baltimore
Macomb
Oakland
Pontiac
Algonac
Wallaceburg
Ingham
Howell
Milford
WPON.L
Birmingham
Fraser
Brighton
Wixom
Novi
Southfield
Pinckney
South Lyon
Northville
Grosse Pointe Woods
Highland Park
Chatham
Dexter
Chelsea
Westland
Wayne
Tecumseh
Belle River
Washtenaw
Ypsilanti
Romulus
Taylor
Ecorse
Tilbury
Saline
Trenton
Flat Rock
Amherstburg
Milan
Clinton
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Scale 1:750,000
km
0
10
20
30
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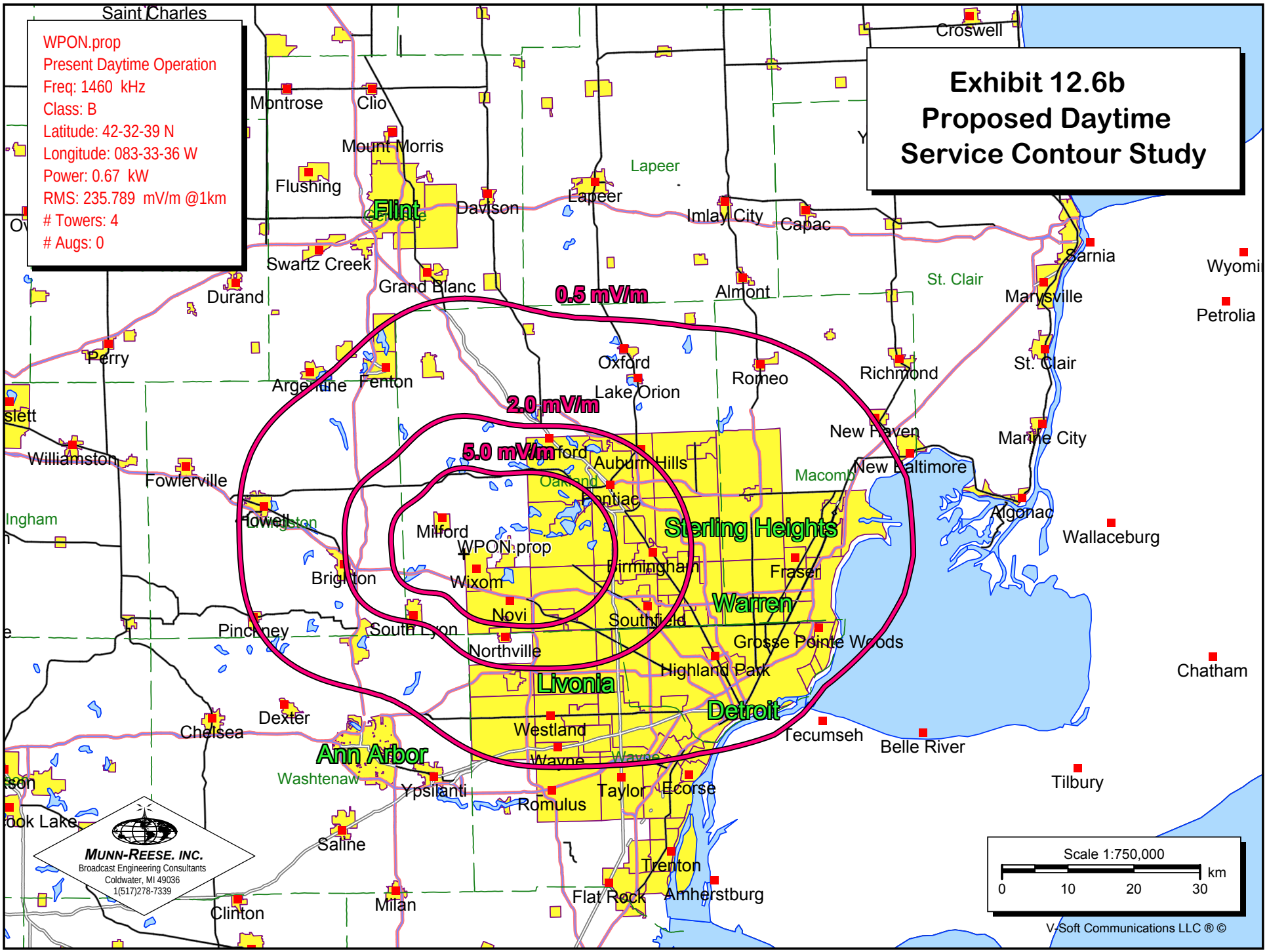
WPON.prop
Present Daytime Operation
Freq: 1460 kHz
Class: B
Latitude: 42-32-39 N
Longitude: 083-33-36 W
Power: 0.67 kW
RMS: 235.789 mV/m @1km
Towers: 4
Augs: 0
Exhibit 12.6b
Proposed Daytime
Service Contour Study
0.5 mV/m
2.0 mV/m
5.0 mV/m
WPON.prop
Flint
Sterling Heights
Warren
Livonia
Detroit
Ann Arbor
Saint Charles
Croswell
Montrose
Clio
Mount Morris
Flushing
Lapeer
Davison
Imlay City
Capac
Swartz Creek
Grand Blanc
Durand
Almont
St. Clair
Sarnia
Wyomi
Petrolia
Marysville
Perry
Oxford
Lake Orion
Romeo
Richmond
St. Clair
Fenton
Argentine
New Haven
Marine City
Williamston
Auburn Hills
New Baltimore
Macomb
Fowlerville
Pontiac
Algonac
Ingham
Milford
Wallaceburg
Brighton
Wixom
Birmingham
Fraser
Novi
Southfield
Pinckney
South Lyon
Grosse Pointe Woods
Northville
Highland Park
Chatham
Dexter
Chelsea
Westland
Tecumseh
Belle River
Wayne
Washtenaw
Ypsilanti
Taylor
Ecorse
Romulus
Tilbury
Saline
Trenton
Flat Rock
Amherstburg
Milan
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km
0
10
20
30
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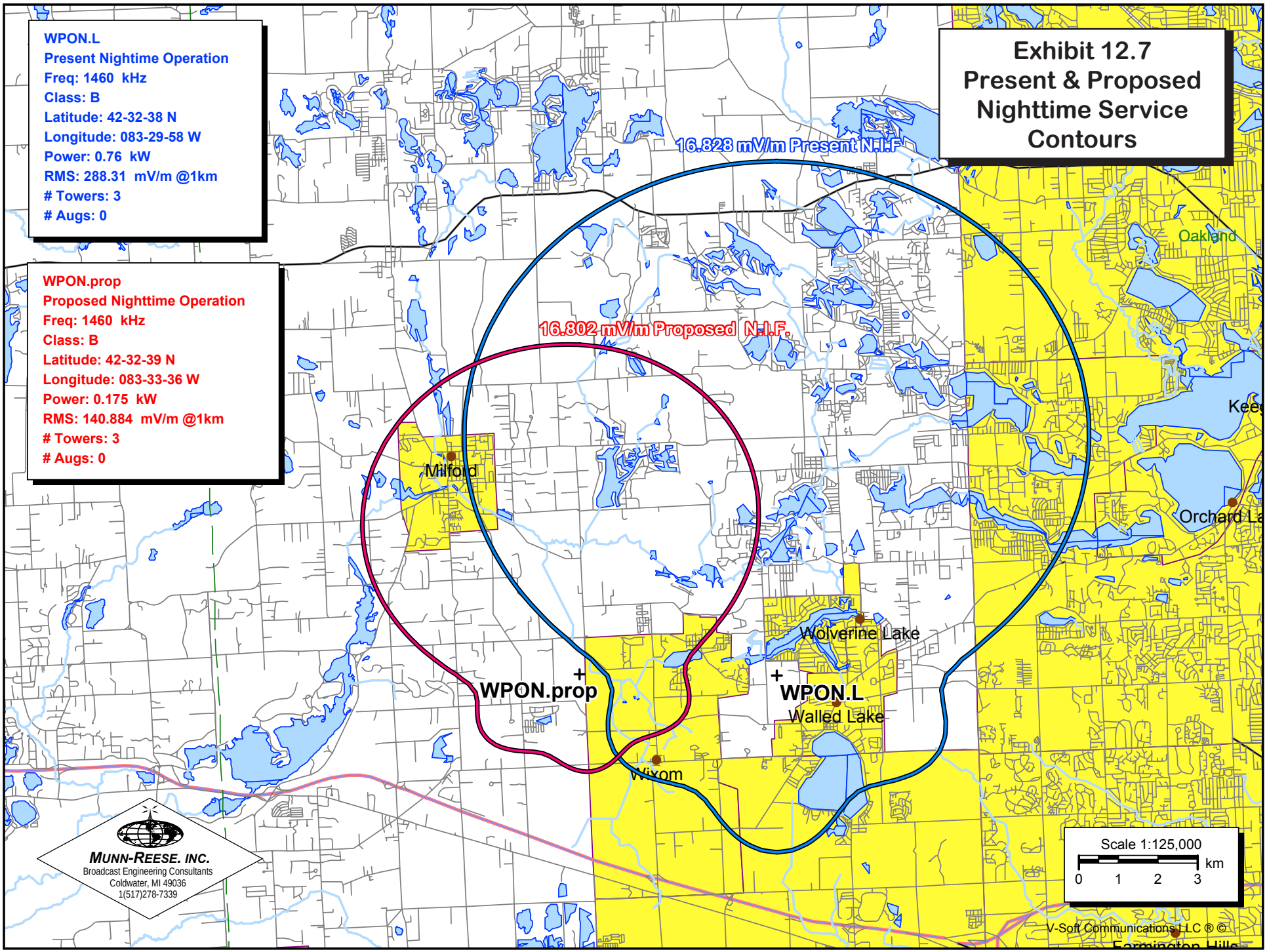
WPON.L
Present Nighttime Operation
Freq: 1460 kHz
Class: B
Latitude: 42-32-38 N
Longitude: 083-29-58 W
Power: 0.76 kW
RMS: 288.31 mV/m @1km
Towers: 3
Augs: 0
WPON.prop
Proposed Nighttime Operation
Freq: 1460 kHz
Class: B
Latitude: 42-32-39 N
Longitude: 083-33-36 W
Power: 0.175 kW
RMS: 140.884 mV/m @1km
Towers: 3
Augs: 0
Exhibit 12.7
Present & Proposed
Nighttime Service
Contours
16.828 mV/m Present N.I.F.
16.802 mV/m Proposed N.I.F.
Oakland
Milford
Orchard La
Wolverine Lake
WPON.prop
WPON.L
Walled Lake
Wixom
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km
0 1 2 3
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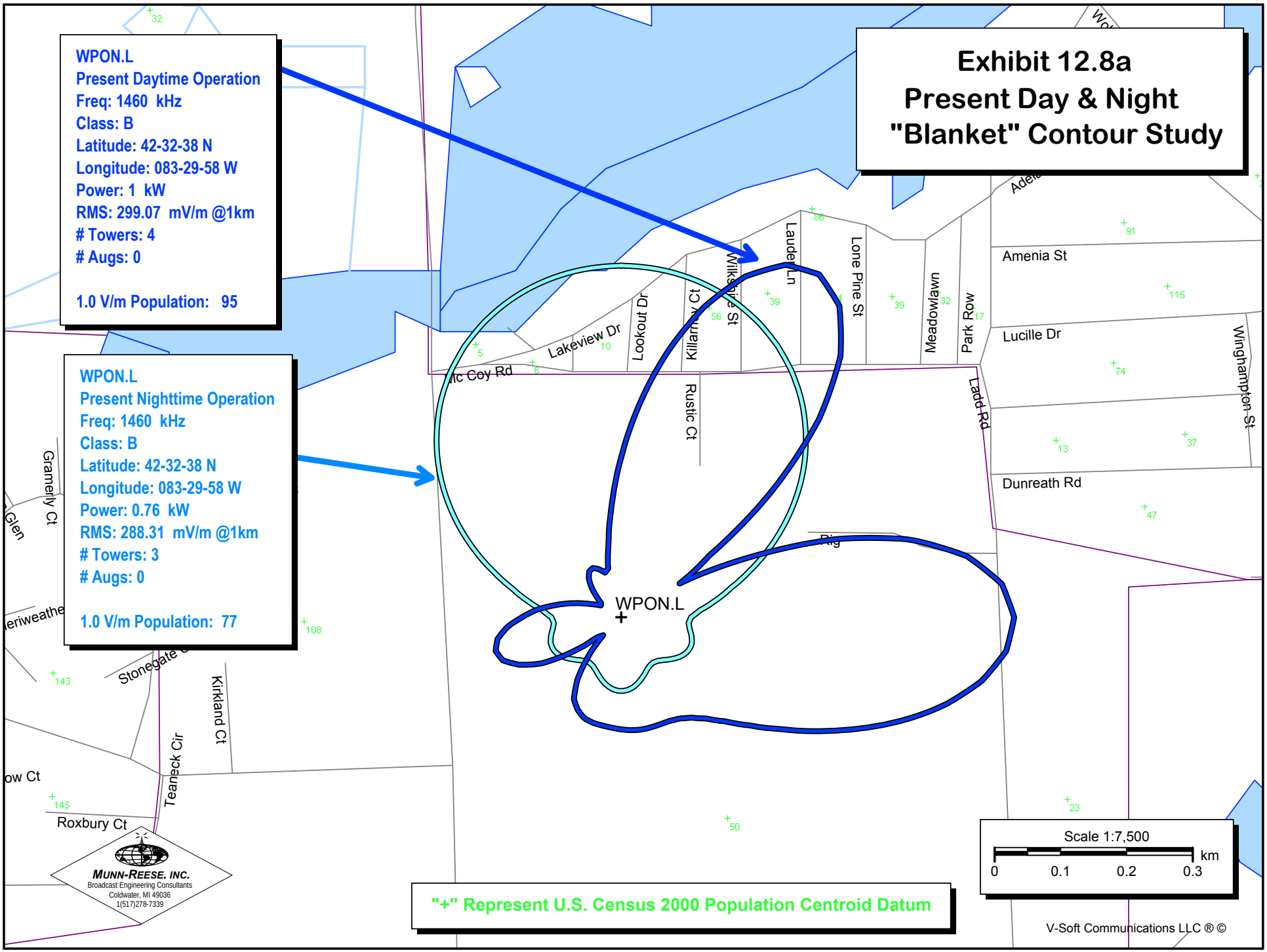
WPON.L
Present Daytime Operation
Freq: 1460 kHz
Class: B
Latitude: 42-32-38 N
Longitude: 083-29-58 W
Power: 1 kW
RMS: 299.07 mV/m @1km
Towers: 4
Augs: 0
1.0 V/m Population: 95
WPON.L
Present Nighttime Operation
Freq: 1460 kHz
Class: B
Latitude: 42-32-38 N
Longitude: 083-29-58 W
Power: 0.76 kW
RMS: 288.31 mV/m @1km
Towers: 3
Augs: 0
1.0 V/m Population: 77
Exhibit 12.8a
Present Day & Night
"Blanket" Contour Study
WPON.L
Amenia St
Lucille Dr
Dunreath Rd
Lakeview Dr
Lookout Dr
Rustic Ct
Lone Pine St
Meadowlawn
Park Row
Ladd Rd
Wilkshire St
Wingham pton St
Gramerly Ct
Stonegate
Kirkland Ct
Teaneck Cir
Roxbury Ct
MUNN-REESE. INC.
Broadcast Engineering Consultants
Coldwater, MI 49036
1(517)278-7339
"+" Represent U.S. Census 2000 Population Centroid Datum
Scale 1:7,500
km
0
0.1
0.2
0.3
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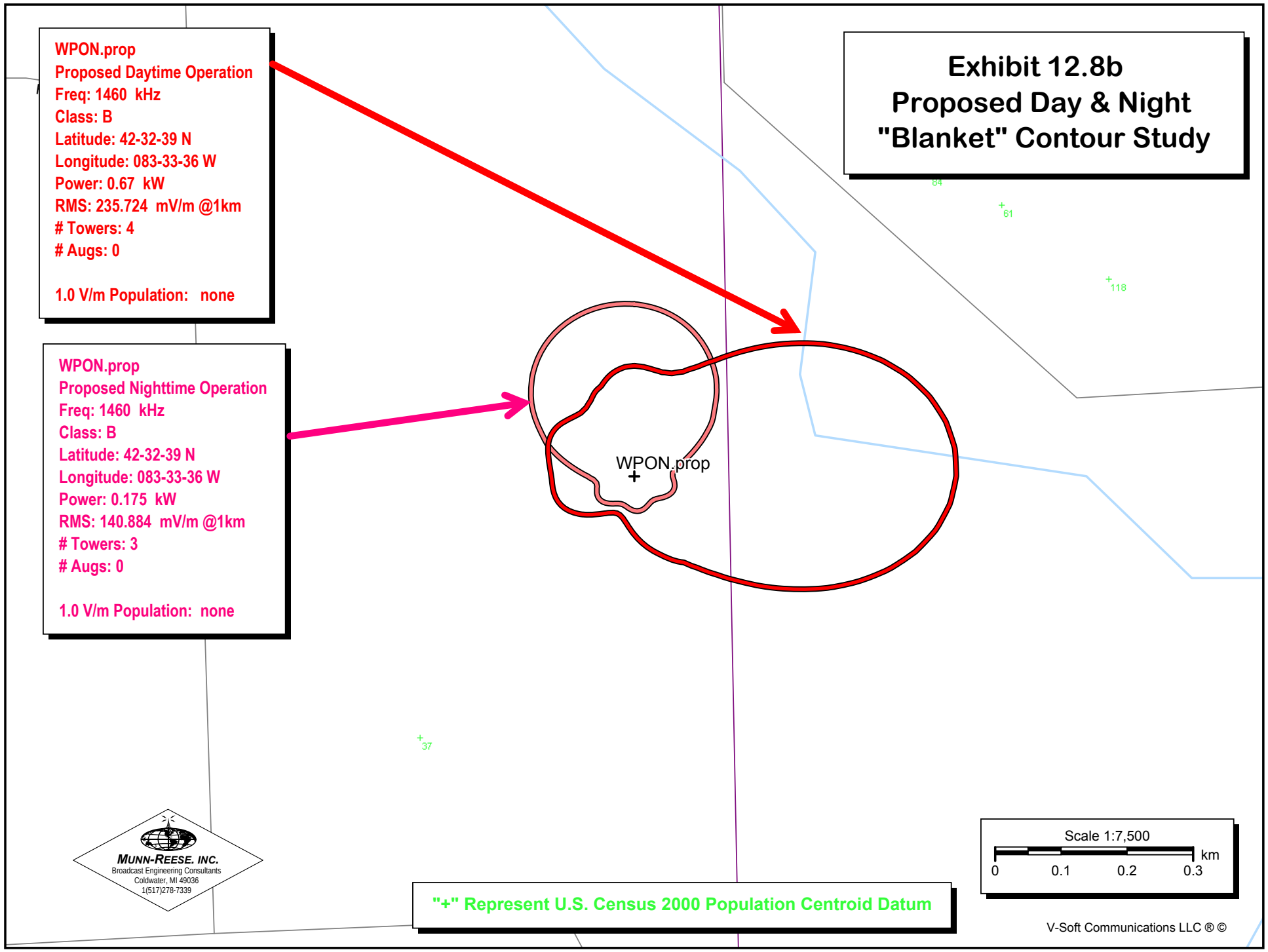
WPON.prop
Proposed Daytime Operation
Freq: 1460 kHz
Class: B
Latitude: 42-32-39 N
Longitude: 083-33-36 W
Power: 0.67 kW
RMS: 235.724 mV/m @1km
Towers: 4
Augs: 0
1.0 V/m Population: none
WPON.prop
Proposed Nighttime Operation
Freq: 1460 kHz
Class: B
Latitude: 42-32-39 N
Longitude: 083-33-36 W
Power: 0.175 kW
RMS: 140.884 mV/m @1km
Towers: 3
Augs: 0
1.0 V/m Population: none
Exhibit 12.8b
Proposed Day & Night
"Blanket" Contour Study
WPON.prop
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Broadcast Engineering Consultants
Coldwater, MI 49036
1(517)278-7339
"+" Represent U.S. Census 2000 Population Centroid Datum
Scale 1:7,500
km
0
0.1
0.2
0.3
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