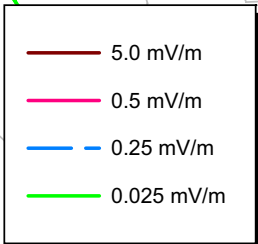
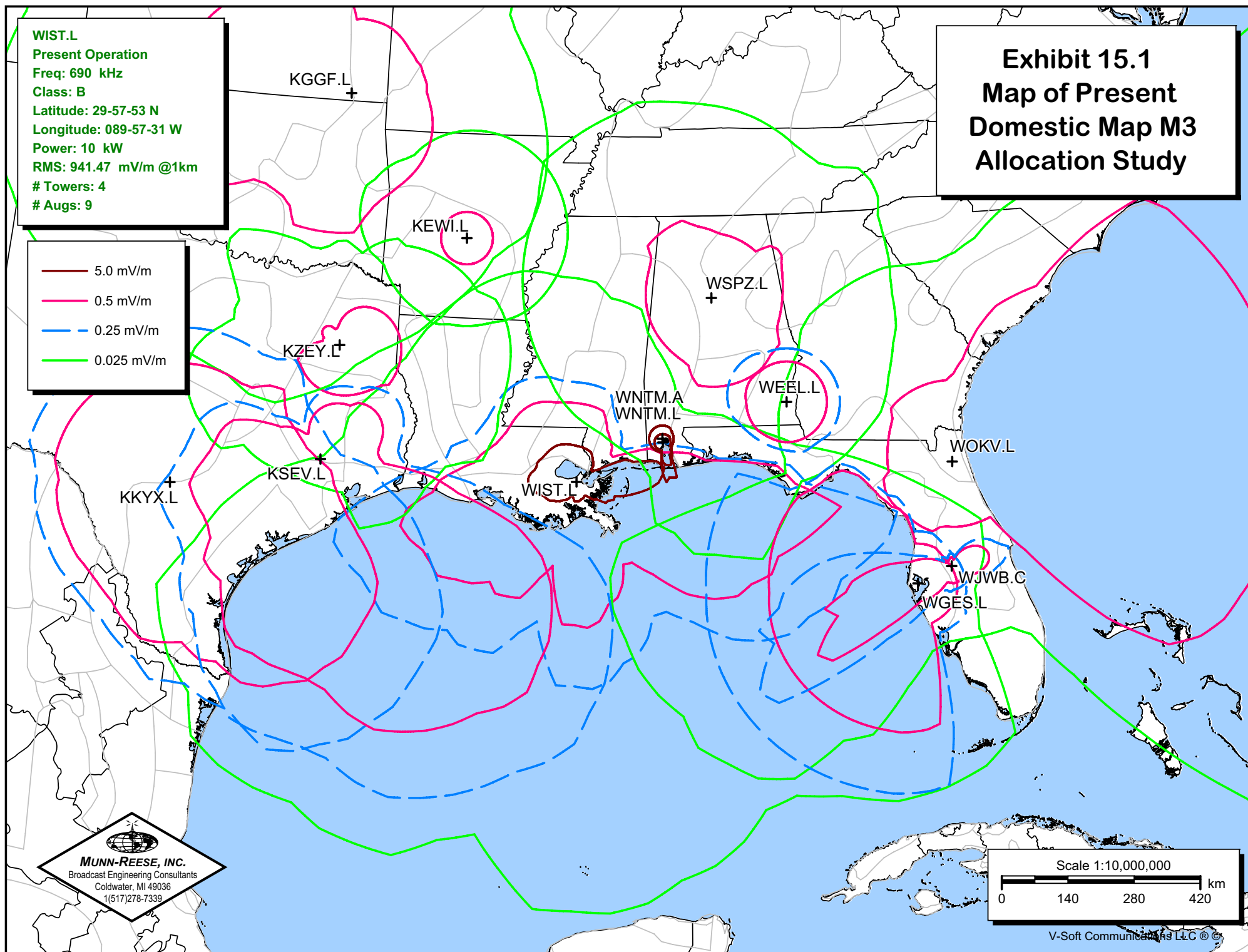


**WIST.L**  
Present Operation  
Freq: 690 kHz  
Class: B  
Latitude: 29-57-53 N  
Longitude: 089-57-31 W  
Power: 10 kW  
RMS: 941.47 mV/m @1km  
# Towers: 4  
# Augs: 9



## Exhibit 15.1 Map of Present Domestic Map M3 Allocation Study



## Exhibit 15.2

### Tabulation of Present Domestic Map M3 Allocation

#### AM Daytime Study

Reference Station:

Call: WIST.L

Freq: 690 kHz

NEW ORLEANS, LA, US

Lat: 29-57-53 N

Power: 10.0 kW

Lng: 089-57-31 W

Theo RMS: 941.47 mV/m @ 1km

# of Augmentations: 9

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	A (deg)	B (deg)	C (deg)	D (deg)
--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
1	1.000	0.0	0.0	0.0	90.0	0	0	0.0	0.0	0.0	0.0
2	0.470	102.0	138.0	176.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.330	-77.0	138.0	356.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.680	36.0	138.0	356.0	90.0	1	0	0.0	0.0	0.0	0.0

Call	Freq	City	ST	Dist	Azi	In	Out
KSEV.L	700	TOMBALL	TX	543.9	271.2	-68668.00**	-114372.00**
WGES.L	680	ST. PETERSBUR	FL	752.3	109.8	-43196.00**	-50924.00**
WOKV.L	690	JACKSONVILLE	FL	796.5	90.7	-67824.00**	-12528.00**
KKYX.L	680	SAN ANTONIO	TX	859.8	264.4	-2036.50*	-6960.00*
KZEY.L	690	TYLER	TX	579.3	296.1	-304.75	-531.75
WNTM.A	710	MOBILE	AL	203.4	63.8	-43.75**	-43.75**
WSPZ.L	690	BIRMINGHAM	AL	481.7	37.5	-57972.00	25.10
KEWI.L	690	BENTON	AR	563.1	333.4	188.75	46.35
WNTM.L	710	MOBILE	AL	200.9	65.8	71.48	71.48
WJWB.C	700	GIBSONIA	FL	812.3	106.3	174.68	93.73
WEEL.L	700	DOTHAN	AL	476.2	71.1	180.49	170.31
KGGF.L	690	COFFEYVILLE	KS	946.8	325.7	274.06	268.87

\* Indicates Contour Overlap over water which may be disregarded.

\*\* Indicates de minimis shoreline contour overlap which has been maintained or routinely waived by the Commission as a matter of standard practice.

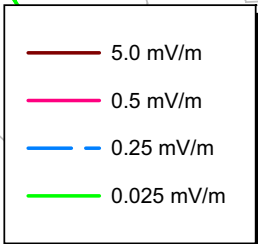
Negative values in the "In" and "Out" columns reflect km<sup>2</sup> areas of Incoming and Outgoing overlap respectively. Positive values reflect linear distance of clearance to the offending contour. In response to FCC attempts to streamline the application process, tabulations of distances to contours and Map M-3 Conductivities for each station have been omitted. These tabulations will be supplied upon request.

**Munn-Reese, Inc.**

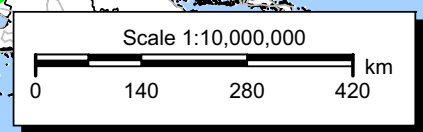
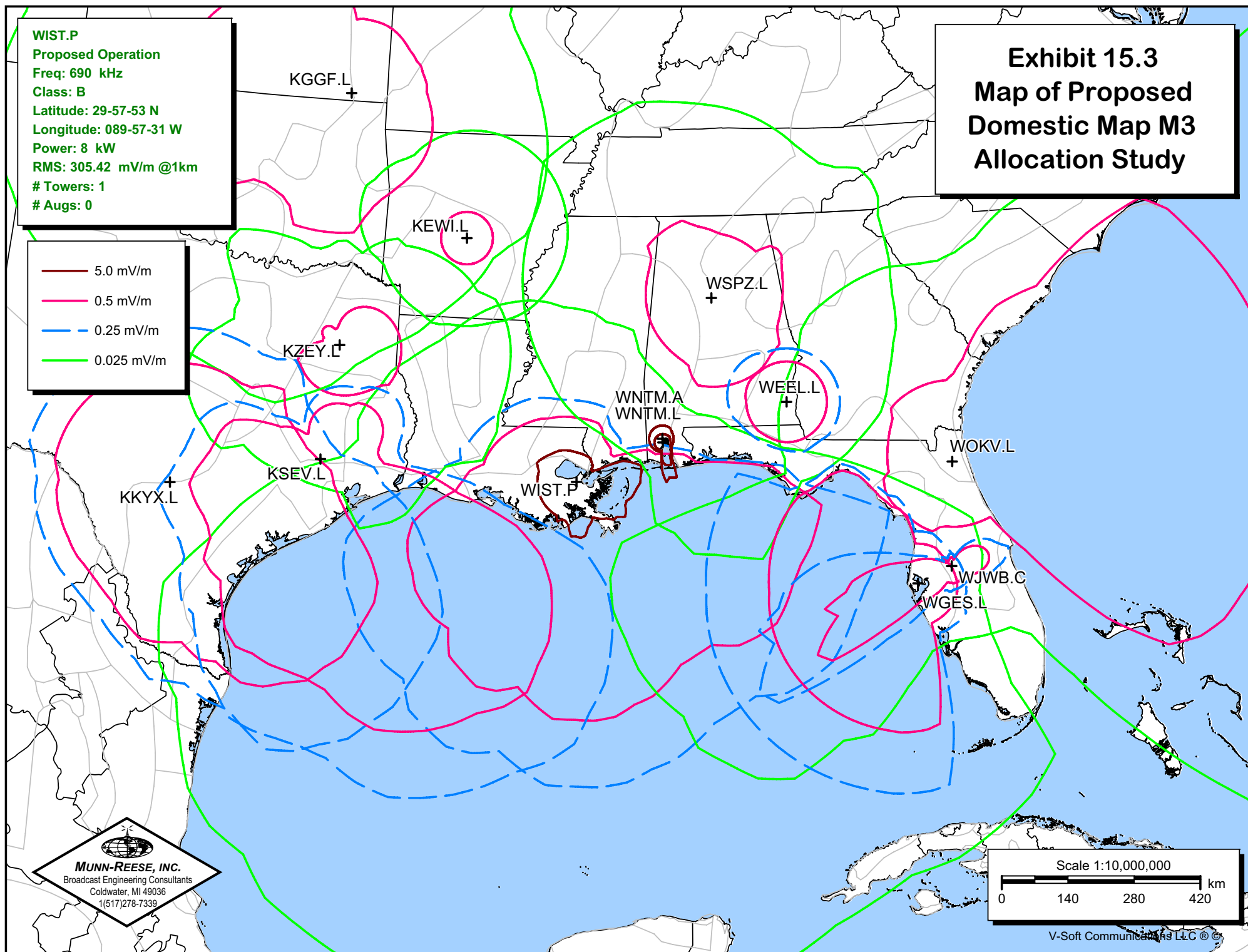
Broadcasting Engineering Consultants

Coldwater, MI 49036

**WIST.P**  
Proposed Operation  
Freq: 690 kHz  
Class: B  
Latitude: 29-57-53 N  
Longitude: 089-57-31 W  
Power: 8 kW  
RMS: 305.42 mV/m @1km  
# Towers: 1  
# Augs: 0



## Exhibit 15.3 Map of Proposed Domestic Map M3 Allocation Study



# Exhibit 15.4

## Tabulation of Proposed Domestic Map M3 Allocation

### AM Daytime Study

Reference Station:

Call: WIST.P

Freq: 690 kHz

NEW ORLEANS, LA, US

Lat: 29-57-55 N

Power: 8.0 kW

Lng: 089-57-32 W

Theo RMS: 305.42 mV/m @ 1km

#	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

Call	Freq	City	ST	Dist	Azi	In	Out
KSEV.L	700	TOMBALL	TX	543.9	271.2	-144168.00**	-164988.00**
WGES.L	680	ST. PETERSBUR	FL	752.4	109.8	-62628.00**	-70268.00**
WOKV.L	690	JACKSONVILLE	FL	796.5	90.7	-120872.00**	-10128.00**
KKYX.L	680	SAN ANTONIO	TX	859.7	264.4	-7692.00*	-9204.00*
WJWB.C	700	GIBSONIA	FL	812.3	106.3	-1562.00*	-7492.00*
KZEY.L	690	TYLER	TX	579.3	296.1	13.93	-490.50
WNTM.A	710	MOBILE	AL	203.4	63.8	93.24	93.24
WSPZ.L	690	BIRMINGHAM	AL	481.7	37.5	-53740.00	54.01
WNTM.L	710	MOBILE	AL	200.9	65.9	79.46	79.46
KEWI.L	690	BENTON	AR	563.0	333.4	226.69	100.62
WEEL.L	700	DOTHAN	AL	476.2	71.1	189.16	179.70
KGGF.L	690	COFFEYVILLE	KS	946.7	325.7	308.97	318.94

\* Indicates Contour Overlap over water which may be disregarded.

\*\* Indicates de minimis shoreline contour overlap which has been maintained or routinely waived by the Commission as a matter of standard practice.

Negative values in the "In" and "Out" columns reflect km<sup>2</sup> areas of Incoming and Outgoing overlap respectively. Positive values reflect linear distance of clearance to the offending contour. In response to FCC attempts to streamline the application process, tabulations of distances to contours and Map M-3 Conductivities for each station have been omitted. These tabulations will be supplied upon request.

**Munn-Reese, Inc.**

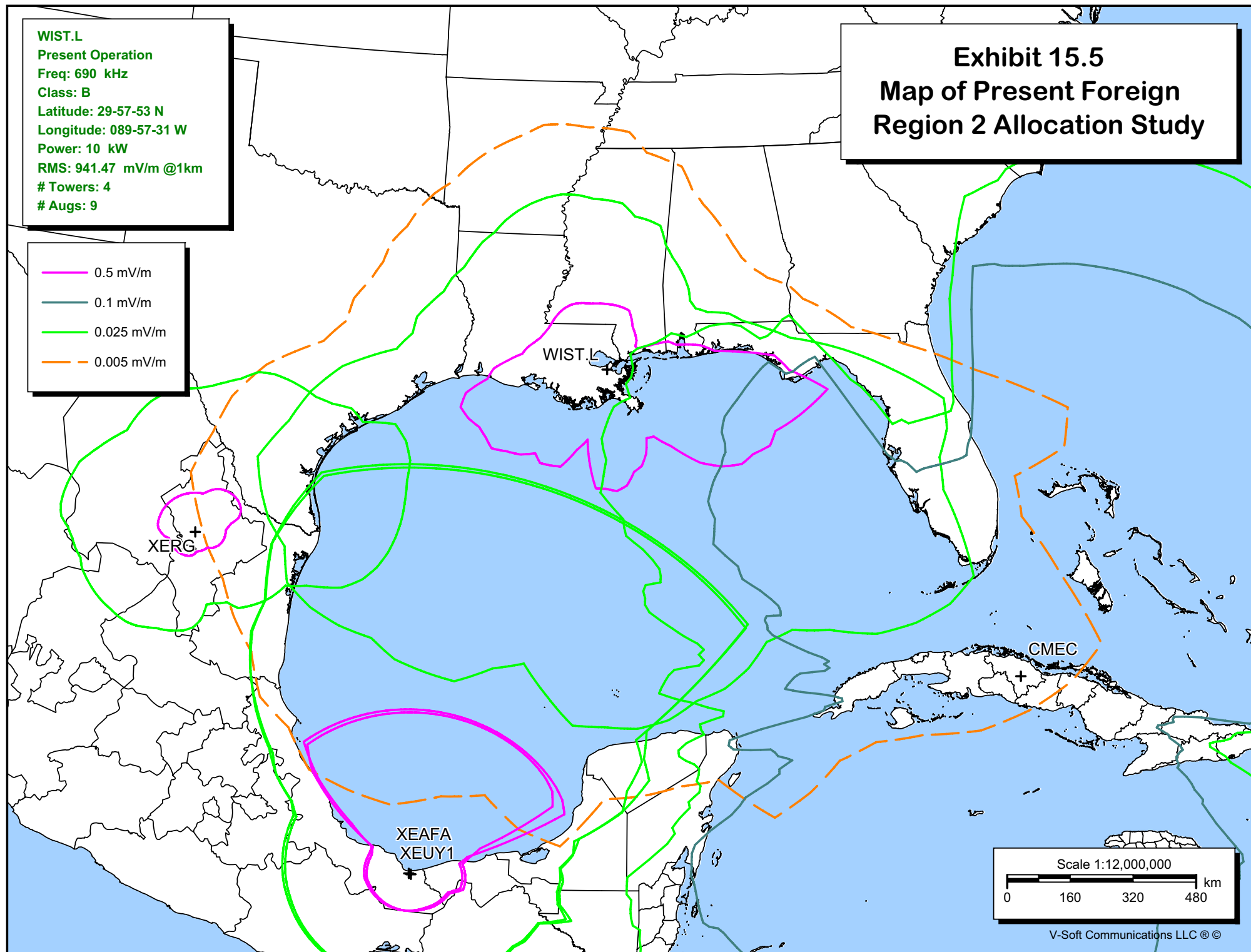
Broadcasting Engineering Consultants

Coldwater, MI 49036

**WIST.L**  
Present 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  
# AUs: 9

— 0.5 mV/m  
— 0.1 mV/m  
— 0.025 mV/m  
— 0.005 mV/m

## Exhibit 15.5 Map of Present Foreign Region 2 Allocation Study



# Exhibit 15.6

## Tabulation of Present Foreign Region 2 Allocation

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### AM Daytime Study

Reference Station:

Call: WIST.L Freq: 690 kHz NEW ORLEANS, LA, US  
 Lat: 29-57-53 N Power: 10.0 kW  
 Lng: 089-57-31 W Theo RMS: 941.47 mV/m @ 1km  
 # of Augmentations: 9

#	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	90.0	0	0	0.0	0.0	0.0	0.0
2	0.470	102.0	138.0	176.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.330	-77.0	138.0	356.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.680	36.0	138.0	356.0	90.0	1	0	0.0	0.0	0.0	0.0

Call	Freq	City	ST	Dist	Azi	In	Out
CMEC	690	SANTA CLARA		1305.3	131.8	-126780.00**	-670840.00**
XERG	690	MONTERREY	NL	1120.7	242.4	181.11	67.90
XEUY1	690	COSOLEACAQU	VC	1392.0	198.3	114.42	145.60
XEAFA	690	NANCHITAL	VC	1392.3	198.1	122.97	153.56

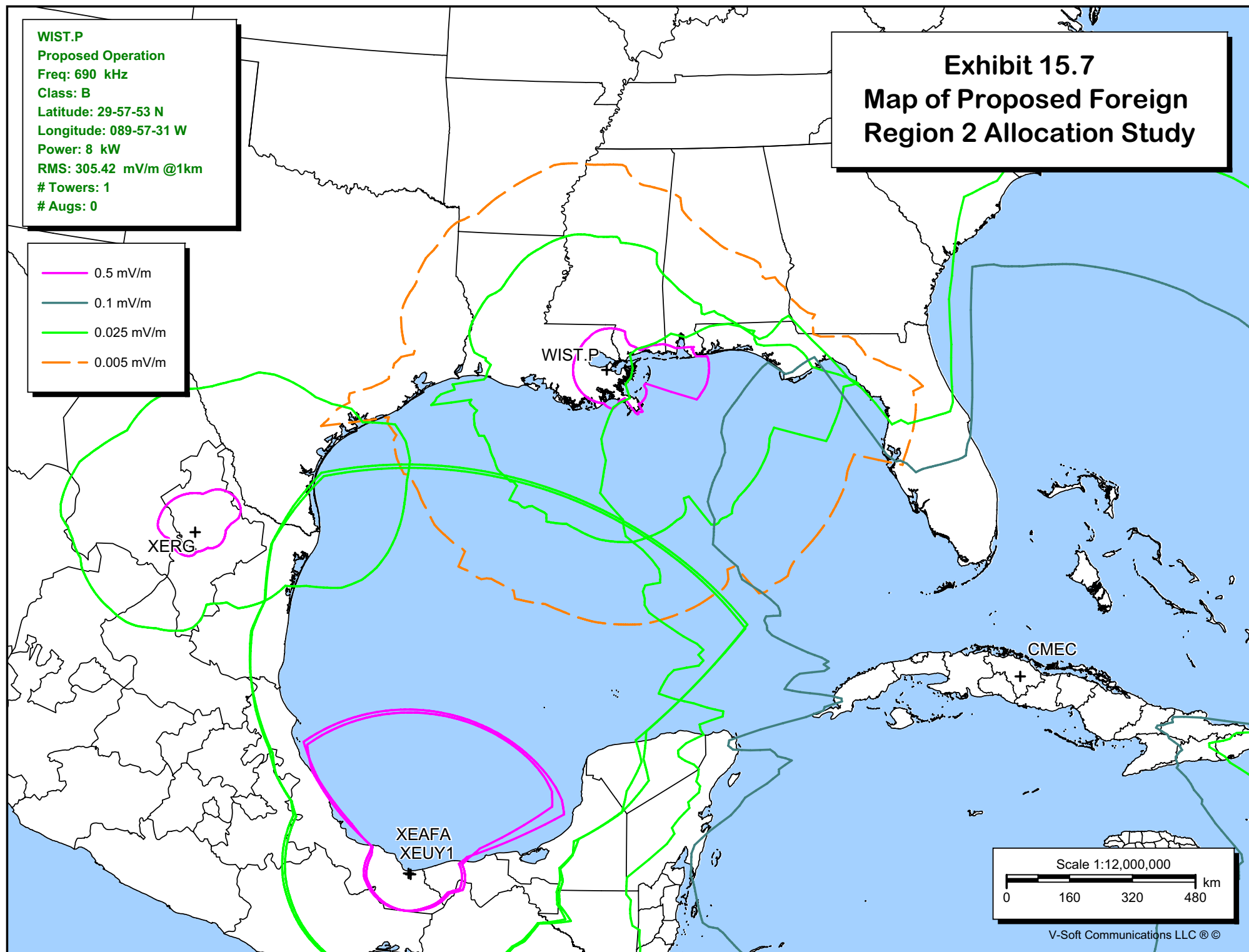
\*\* Indicates de minimis shoreline contour overlap which has been maintained or routinely waived by the Commission as a matter of standard practice.

Negative values in the "In" and "Out" columns reflect km<sup>2</sup> areas of Incoming and Outgoing overlap respectively. Positive values reflect linear distance of clearance to the offending contour. In response to FCC attempts to streamline the application process, tabulations of distances to contours and Map M-3 Conductivities for each station have been omitted. These tabulations will be supplied upon request.

**WIST.P**  
Proposed Operation  
Freq: 690 kHz  
Class: B  
Latitude: 29-57-53 N  
Longitude: 089-57-31 W  
Power: 8 kW  
RMS: 305.42 mV/m @1km  
# Towers: 1  
# Aups: 0

— 0.5 mV/m  
— 0.1 mV/m  
— 0.025 mV/m  
- - 0.005 mV/m

## Exhibit 15.7 Map of Proposed Foreign Region 2 Allocation Study



# Exhibit 15.8

## Tabulation of Proposed Foreign Map M3 Allocation

### AM Daytime Study

Reference Station:

Call: WIST.P

Freq: 690 kHz

NEW ORLEANS, LA, US

Lat: 29-57-55 N

Power: 8.0 kW

Lng: 089-57-32 W

Theo RMS: 305.42 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swch	TL Swch	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

Call	Freq	City	ST	Dist	Azi	In	Out
CMEC	690	SANTA CLARA		1305.4	131.8	-22832.00**	-155508.00**
XEUY1	690	COSOLEACAQU	VC	1392.0	198.3	247.55	550.89
XEAFA	690	NANCHITAL	VC	1392.4	198.1	254.38	557.05
XERG	690	MONTERREY	NL	1120.7	242.4	458.11	639.02

\*\* Indicates de minimis shoreline contour overlap which has been maintained or routinely waived by the Commission as a matter of standard practice.

Negative values in the "In" and "Out" columns reflect km<sup>2</sup> areas of Incoming and Outgoing overlap respectively. Positive values reflect linear distance of clearance to the offending contour. In response to FCC attempts to streamline the application process, tabulations of distances to contours and Map M-3 Conductivities for each station have been omitted. These tabulations will be supplied upon request.

**Munn-Reese, Inc.**

Broadcasting Engineering Consultants

Coldwater, MI 49036