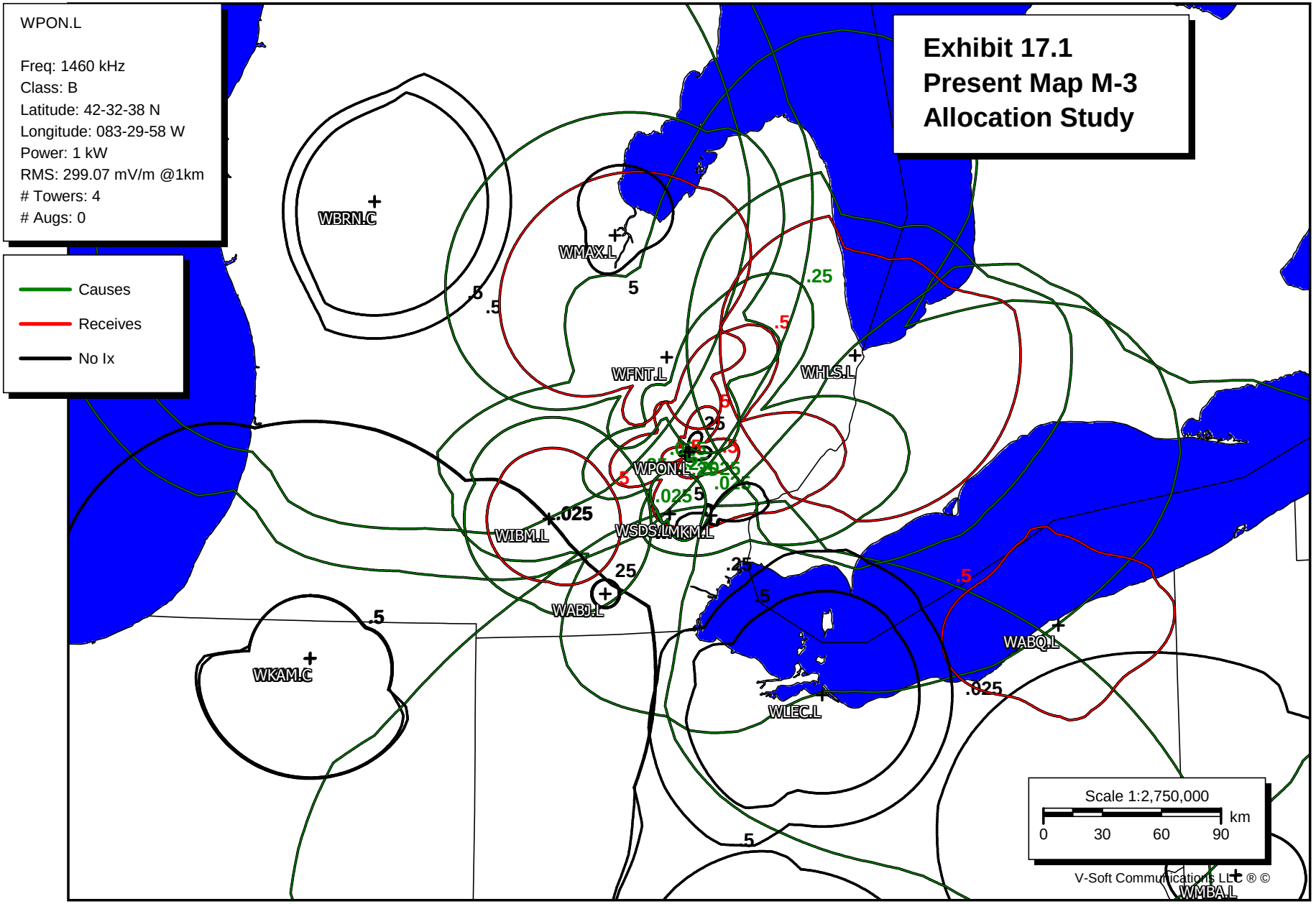

WPON.L
Freq: 1460 kHz
Class: B
Latitude: 42-32-38 N
Longitude: 083-29-58 W
Power: 1 kW
RMS: 299.07 mV/m @1km
Towers: 4
Augs: 0
Causes
Receives
No Ix
Exhibit 17.1
Present Map M-3
Allocation Study
WBRN.C
WMAX.L
WFNT.L
WHLS.L
WPON.L
WIBM.L
WSDS/LMKM.L
WABJ.L
WKAM.C
WABQ.L
WLEC.L
WMBA.L
Scale 1:2,750,000
km
0
30
60
90
V-Soft Communications LLC ® ©

Exhibit 17.1

Tabulation of Present Map M3 Allocation Study

AM Daytime Study

Reference Station:
Call: WPON.L Freq: 1460 kHz WALLED LAKE, MI, US
Lat: 42-32-38 N Power: 1.0 kW
Lng: 083-29-58 W Theo RMS: 299.07 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swtch	TL Swtch	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	0.750	144.0	344.0	143.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.600	-114.0	90.0	58.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.450	30.0	344.0	143.0	90.0	1	0	0.0	0.0	0.0	0.0

Call	Freq	City	ST	Dist	Azi	In	Out
WHLS.L	1450	PORT HURON	MI	97.4	60.8	-4102.00	-6186.00
WPON.C	1460	WALLED LAKE	MI	5.0	270.3	-6915.00	-5640.00
WABQ.L	1460	PAINESVILLE	OH	207.4	116.3	-1865.00	-3565.75
WFNT.L	1470	FLINT	MI	49.0	346.4	-2132.25	-1681.25
WIBM.L	1450	JACKSON	MI	79.0	244.1	-192.50	-170.00
WSDS.L	1480	SALEM TOWNS	MI	32.9	197.5	-16.50	-16.50
WMKM.L	1440	INKSTER	MI	33.9	160.7	14.77	14.77
CJOY.O	1460	GUELPH	ON	285.2	69.6	21.59	32.37
CJOY.O	1460	GUELPH	ON	285.2	69.6	23.77	33.23
WLEC.L	1450	SANDUSKY	OH	139.8	151.5	30.65	35.66
WBRN.L	1460	BIG RAPIDS	MI	203.7	306.9	-3553.50	57.15
WBNS.L	1460	COLUMBUS	OH	292.1	170.4	-477.00	61.21
WBRN.C	1460	BIG RAPIDS	MI	203.8	307.0	-643.00	68.80
WABJ.L	1490	ADRIAN	MI	83.1	210.6	72.21	72.21
WKAM.L	1460	GOSHEN	IN	219.0	240.3	40.93	74.97
WKAM.C	1460	GOSHEN	IN	219.4	240.3	41.40	75.65
WMAX.L	1440	BAY CITY	MI	115.4	340.6	91.55	91.55
WLYV.L	1450	FORT WAYNE	IN	211.9	218.9	124.56	129.96
WPSE.L	1450	ERIE	PA	288.6	100.2	149.54	133.89
WMBA.L	1460	AMBRIDGE	PA	350.5	129.4	152.84	134.10
WGVU.L	1480	KENTWOOD	MI	176.8	280.1	146.27	146.27
WHTC.L	1450	HOLLAND	MI	215.5	276.5	143.88	147.05
WKPR.C	1440	KALAMAZOO	MI	176.2	260.9	150.15	150.15
WKPR.L	1440	KALAMAZOO	MI	176.2	260.9	151.20	151.20
WLOA.L	1470	FARRELL	PA	288.7	122.1	165.32	155.07
WIOS.L	1480	TAWAS CITY-EA	MI	191.1	358.9	163.30	163.30
WHIC.L	1460	ROCHESTER	NY	482.2	84.9	180.17	172.25
WJER.L	1450	DOVER-NEW PH	OH	282.7	143.6	175.24	175.80
CHOW.P	1470	WELLAND	ON	349.0	84.1	190.32	190.32
WRGM.L	1440	ONTARIO	OH	210.5	159.9	194.09	194.09
WFRA.L	1450	FRANKLIN	PA	331.4	113.9	209.15	196.16
CHOW.O	1470	WELLAND	ON	349.0	84.1	201.54	201.54
WJTI.L	1460	WEST ALLIS	WI	374.7	276.4	174.47	208.42
WGNR.L	1470	ANDERSON	IN	332.0	213.2	205.82	217.19
WKLA.L	1450	LUDINGTON	MI	284.4	302.3	230.12	232.22
WRLL.L	1450	CICERO	IL	356.3	255.8	243.93	247.81
WCEV.L	1450	CICERO	IL	356.3	255.8	243.93	247.81
WMOH.L	1450	HAMILTON	OH	359.4	193.6	249.41	254.50
WJCP.L	1460	NORTH VERNO	IN	433.8	204.1	230.96	256.51
WHDL.L	1450	OLEAN	NY	417.4	98.8	288.57	269.77
WJPA.L	1450	WASHINGTON	PA	378.1	134.8	283.15	272.94
WASK.L	1450	LAFAYETTE	IN	367.2	228.5	270.37	280.65
WASK.L	1450	LAFAYETTE	IN	367.2	228.5	277.83	286.23
WBUC.L	1460	BUCKHANNON	WV	484.1	146.0	288.40	289.36
C1450.P	1450	COBOURG	ON	456.5	71.7	293.28	293.28

Exhibit 17.1
Tabulation of Present Map M3 Allocation Study

Call	Freq	City	ST	Dist	Azi	In	Out
CHUC.O	1450	COBOURG	ON	456.5	71.7	293.28	293.28
WIBD.L	1470	WEST BEND	WI	391.7	282.0	297.01	302.35
WDAD.L	1450	INDIANA	PA	420.1	121.7	327.43	309.57
WKJR.L	1460	RANTOUL	IL	465.6	236.3	273.07	311.71
WHNK.L	1450	PARKERSBURG	WV	393.2	155.5	319.65	316.99
KFIZ.L	1450	FOND DU LAC	WI	427.3	287.2	311.97	321.54
WIXN.L	1460	DIXON	IL	500.8	258.9	320.98	334.14
WGMF.L	1460	TUNKHANNOCK	PA	632.6	102.4	379.65	337.53
WTKT.L	1460	HARRISBURG	PA	601.9	116.5	394.69	352.38
WNBY.L	1450	NEWBERRY	MI	448.4	338.4	356.18	363.43
WRVK.L	1460	MOUNT VERNO	KY	575.8	186.8	366.36	391.58
WEKB.L	1460	ELKHORN CITY	KY	590.0	170.6	420.88	412.86
WKDV.L	1460	MANASSAS	VA	658.4	131.7	461.87	438.57
WBOG.L	1460	TOMAH	WI	591.0	283.1	428.50	462.38
WRAD.L	1460	RADFORD	VA	649.6	158.3	474.85	476.30
WROY.L	1460	CARMI	IL	636.3	217.4	445.72	491.73
WEEN.L	1460	LAFAYETTE	TN	701.0	197.1	532.33	533.55
KHOJ.L	1460	ST. CHARLES	MO	718.4	232.8	554.59	577.63

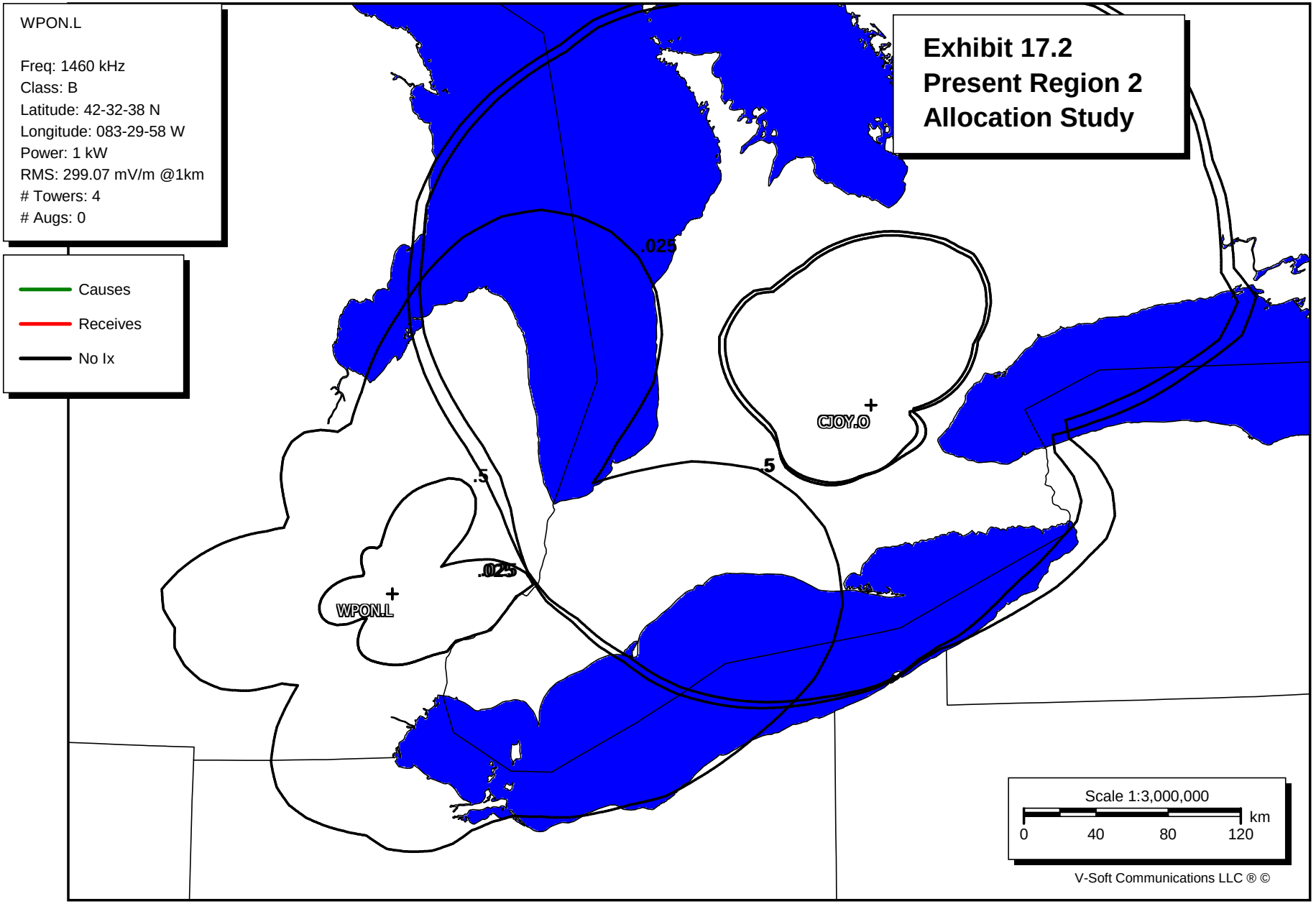

WPON.L
Freq: 1460 kHz
Class: B
Latitude: 42-32-38 N
Longitude: 083-29-58 W
Power: 1 kW
RMS: 299.07 mV/m @1km
Towers: 4
Augs: 0
Causes
Receives
No Ix
Exhibit 17.2
Present Region 2
Allocation Study
.025
.5
.5
.025
CJOY.0
WPON.L
Scale 1:3,000,000
km
0
40
80
120
V-Soft Communications LLC ® ©

Exhibit 17.2

Tabulation of Present Region 2 Allocation Study

AM Daytime Study

Reference Station:
Call: WPON.L Freq: 1460 kHz WALLED LAKE, MI, US
Lat: 42-32-38 N Power: 1.0 kW
Lng: 083-29-58 W Theo RMS: 299.07 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swtch	TL Swtch	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	0.750	144.0	344.0	143.0	90.0	0	0	0.0	0.0	0.0	0.0
3	0.600	-114.0	90.0	58.0	90.0	0	0	0.0	0.0	0.0	0.0
4	0.450	30.0	344.0	143.0	90.0	1	0	0.0	0.0	0.0	0.0

Call	Freq	City	ST	Dist	Azi	In	Out
WHLS.L	1450	PORT HURON	MI	97.4	60.8	-4102.00	-6186.00
WPON.C	1460	WALLED LAKE	MI	5.0	270.3	-6915.00	-5640.00
WABQ.L	1460	PAINESVILLE	OH	207.4	116.3	-1865.00	-3565.75
WFNT.L	1470	FLINT	MI	49.0	346.4	-2132.25	-1681.25
WIBM.L	1450	JACKSON	MI	79.0	244.1	-192.50	-170.00
WSDS.L	1480	SALEM TOWNS	MI	32.9	197.5	-16.50	-16.50
WMKM.L	1440	INKSTER	MI	33.9	160.7	14.77	14.77
CJOY.O	1460	GUELPH	ON	285.2	69.6	21.59	32.37
CJOY.O	1460	GUELPH	ON	285.2	69.6	23.77	33.23
WLEC.L	1450	SANDUSKY	OH	139.8	151.5	30.65	35.66
WBRN.L	1460	BIG RAPIDS	MI	203.7	306.9	-3553.50	57.15
WBNS.L	1460	COLUMBUS	OH	292.1	170.4	-477.00	61.21
WBRN.C	1460	BIG RAPIDS	MI	203.8	307.0	-643.00	68.80
WABJ.L	1490	ADRIAN	MI	83.1	210.6	72.21	72.21
WKAM.L	1460	GOSHEN	IN	219.0	240.3	40.93	74.97
WKAM.C	1460	GOSHEN	IN	219.4	240.3	41.40	75.65
WMAX.L	1440	BAY CITY	MI	115.4	340.6	91.55	91.55
WLYV.L	1450	FORT WAYNE	IN	211.9	218.9	124.56	129.96
WPSE.L	1450	ERIE	PA	288.6	100.2	149.54	133.89
WMBA.L	1460	AMBRIDGE	PA	350.5	129.4	152.84	134.10
WGVU.L	1480	KENTWOOD	MI	176.8	280.1	146.27	146.27
WHTC.L	1450	HOLLAND	MI	215.5	276.5	143.88	147.05
WKPR.C	1440	KALAMAZOO	MI	176.2	260.9	150.15	150.15
WKPR.L	1440	KALAMAZOO	MI	176.2	260.9	151.20	151.20
WLOA.L	1470	FARRELL	PA	288.7	122.1	165.32	155.07
WIOS.L	1480	TAWAS CITY-EA	MI	191.1	358.9	163.30	163.30
WHIC.L	1460	ROCHESTER	NY	482.2	84.9	180.17	172.25
WJER.L	1450	DOVER-NEW PH	OH	282.7	143.6	175.24	175.80
CHOW.P	1470	WELLAND	ON	349.0	84.1	190.32	190.32
WRGM.L	1440	ONTARIO	OH	210.5	159.9	194.09	194.09
WFRA.L	1450	FRANKLIN	PA	331.4	113.9	209.15	196.16
CHOW.O	1470	WELLAND	ON	349.0	84.1	201.54	201.54
WJTI.L	1460	WEST ALLIS	WI	374.7	276.4	174.47	208.42
WGNR.L	1470	ANDERSON	IN	332.0	213.2	205.82	217.19
WKLA.L	1450	LUDINGTON	MI	284.4	302.3	230.12	232.22
WRLL.L	1450	CICERO	IL	356.3	255.8	243.93	247.81
WCEV.L	1450	CICERO	IL	356.3	255.8	243.93	247.81
WMOH.L	1450	HAMILTON	OH	359.4	193.6	249.41	254.50
WJCP.L	1460	NORTH VERNO	IN	433.8	204.1	230.96	256.51
WHDL.L	1450	OLEAN	NY	417.4	98.8	288.57	269.77
WJPA.L	1450	WASHINGTON	PA	378.1	134.8	283.15	272.94
WASK.L	1450	LAFAYETTE	IN	367.2	228.5	270.37	280.65
WASK.L	1450	LAFAYETTE	IN	367.2	228.5	277.83	286.23
WBUC.L	1460	BUCKHANNON	WV	484.1	146.0	288.40	289.36
C1450.P	1450	COBOURG	ON	456.5	71.7	293.28	293.28

Exhibit 17.2
Tabulation of Present Region 2 Allocation Study

Call	Freq	City	ST	Dist	Azi	In	Out
CHUC.O	1450	COBOURG	ON	456.5	71.7	293.28	293.28
WIBD.L	1470	WEST BEND	WI	391.7	282.0	297.01	302.35
WDAD.L	1450	INDIANA	PA	420.1	121.7	327.43	309.57
WKJR.L	1460	RANTOUL	IL	465.6	236.3	273.07	311.71
WHNK.L	1450	PARKERSBURG	WV	393.2	155.5	319.65	316.99
KFIZ.L	1450	FOND DU LAC	WI	427.3	287.2	311.97	321.54
WIXN.L	1460	DIXON	IL	500.8	258.9	320.98	334.14
WGMF.L	1460	TUNKHANNOCK	PA	632.6	102.4	379.65	337.53
WTKT.L	1460	HARRISBURG	PA	601.9	116.5	394.69	352.38
WNBY.L	1450	NEWBERRY	MI	448.4	338.4	356.18	363.43
WRVK.L	1460	MOUNT VERNO	KY	575.8	186.8	366.36	391.58
WEKB.L	1460	ELKHORN CITY	KY	590.0	170.6	420.88	412.86
WKDV.L	1460	MANASSAS	VA	658.4	131.7	461.87	438.57
WBOG.L	1460	TOMAH	WI	591.0	283.1	428.50	462.38
WRAD.L	1460	RADFORD	VA	649.6	158.3	474.85	476.30
WROY.L	1460	CARMI	IL	636.3	217.4	445.72	491.73
WEEN.L	1460	LAFAYETTE	TN	701.0	197.1	532.33	533.55
KHOJ.L	1460	ST. CHARLES	MO	718.4	232.8	554.59	577.63

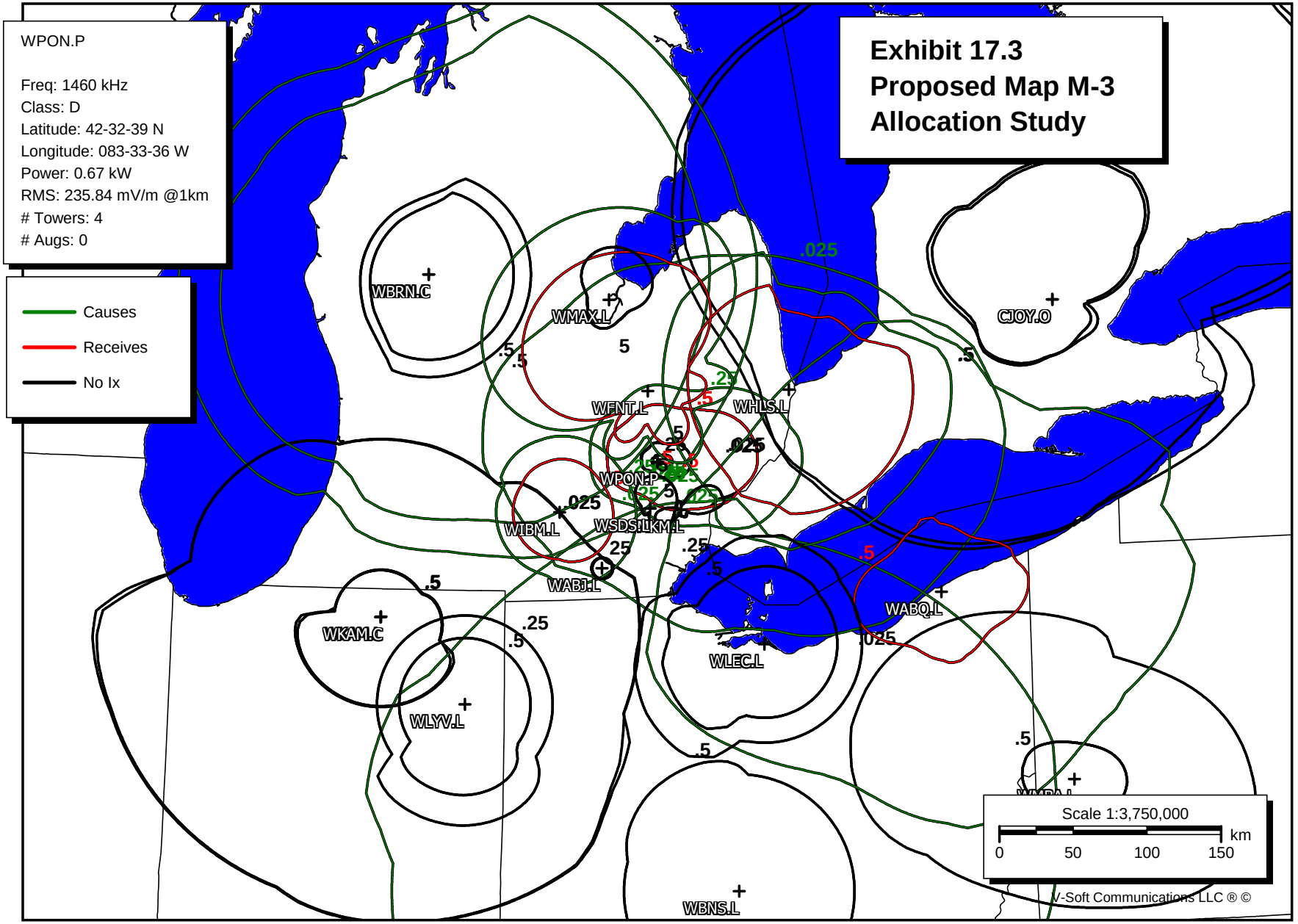

WPON.P
Freq: 1460 kHz
Class: D
Latitude: 42-32-39 N
Longitude: 083-33-36 W
Power: 0.67 kW
RMS: 235.84 mV/m @1km
Towers: 4
Augs: 0
Causes
Receives
No Ix
Exhibit 17.3
Proposed Map M-3
Allocation Study
WBRN.C
WMAX.L
WENT.L
WHLS.L
CJOY.O
WPON.P
WIBM.L
WSDS.IL
KM.L
WABI.L
WKAM.C
WLYV.L
WLEC.L
WABQ.L
WBNS.L
Scale 1:3,750,000
0
50
100
150
km
V-Soft Communications LLC ® ©

Exhibit 17.3

Tabulation of Proposed Map M3 Allocation Study

AM Daytime Study

Reference Station:
Call: WPON.P Freq: 1460 kHz WALLED LAKE, MI, US
Lat: 42-32-39 N Power: 0.67 kW
Lng: 083-33-36 W Theo RMS: 235.84 mV/m @ 1km

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swtch	TL Swtch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	104.1	0	0	0.0	0.0	0.0	0.0
2	0.630	-71.0	113.2	63.5	104.1	0	0	0.0	0.0	0.0	0.0
3	0.530	-6.0	186.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0
4	0.334	-77.0	113.2	63.5	104.1	1	0	0.0	0.0	0.0	0.0

Call	Freq	City	ST	Dist	Azi	In	Out
WPON.L	1460	WALLED LAKE	MI	5.0	90.4	-5640.00	-6915.00
WHLS.L	1450	PORT HURON	MI	101.8	62.2	-2592.50	-4064.00
WABQ.L	1460	PAINESVILLE	OH	211.9	115.7	-1096.25	-2811.25
WFNT.L	1470	FLINT	MI	48.1	352.1	-1737.50	-1608.00
WIBM.L	1450	JACKSON	MI	74.5	242.5	-173.25	-64.00
WSDS.L	1480	SALEM TOWNS	MI	31.8	188.8	1.68	1.68
WBRN.L	1460	BIG RAPIDS	MI	199.8	307.8	-3041.50	9.26
CJOY.O	1460	GUELPH	ON	289.7	70.0	13.46	10.65
CJOY.O	1460	GUELPH	ON	289.7	70.0	15.85	11.60
WMKM.L	1440	INKSTER	MI	35.9	153.2	18.32	18.32
WBRN.C	1460	BIG RAPIDS	MI	199.9	307.8	-1031.00	20.92
WLEC.L	1450	SANDUSKY	OH	142.3	149.7	35.71	41.42
WABJ.L	1490	ADRIAN	MI	80.7	207.5	71.69	71.69
WKAM.L	1460	GOSHEN	IN	214.7	239.7	41.81	84.54
WMAX.L	1440	BAY CITY	MI	113.8	343.0	85.07	85.07
WKAM.C	1460	GOSHEN	IN	215.1	239.6	42.29	85.17
WBNS.L	1460	COLUMBUS	OH	293.1	169.4	-179.75	90.01
WLYV.L	1450	FORT WAYNE	IN	208.8	217.9	122.80	128.59
WMBA.L	1460	AMBRIDGE	PA	354.5	128.9	157.89	137.20
WHTC.L	1450	HOLLAND	MI	210.6	276.7	136.72	139.15
WGVU.L	1480	KENTWOOD	MI	171.9	280.4	139.37	139.37
WKPR.C	1440	KALAMAZOO	MI	171.3	260.7	148.11	148.11
WKPR.L	1440	KALAMAZOO	MI	171.3	260.7	149.16	149.16
WPSE.L	1450	ERIE	PA	293.6	100.1	165.43	151.62
WLOA.L	1470	FARRELL	PA	293.0	121.6	172.01	161.87
WIOS.L	1480	TAWAS CITY-EA	MI	191.0	0.4	165.39	165.39
WJER.L	1450	DOVER-NEW PH	OH	285.8	142.8	179.04	182.06
WHIC.L	1460	ROCHESTER	NY	487.1	85.0	192.42	184.42
WJTI.L	1460	WEST ALLIS	WI	369.8	276.5	166.36	193.55
WRGM.L	1440	ONTARIO	OH	212.3	158.6	197.90	197.90
CHOW.P	1470	WELLAND	ON	353.9	84.2	202.92	202.92
WFRA.L	1450	FRANKLIN	PA	336.0	113.6	219.38	207.19
WKLA.L	1450	LUDINGTON	MI	280.3	302.9	210.13	207.65
CHOW.O	1470	WELLAND	ON	353.9	84.2	214.15	214.15
WGNR.L	1470	ANDERSON	IN	329.3	212.5	210.68	224.29
WCEV.L	1450	CICERO	IL	351.4	255.6	246.55	252.85
WRLL.L	1450	CICERO	IL	351.4	255.6	246.55	252.85
WASK.L	1450	LAFAYETTE	IN	363.4	228.0	260.20	268.70
WMOH.L	1450	HAMILTON	OH	358.2	192.9	261.00	269.99
WASK.L	1450	LAFAYETTE	IN	363.4	228.0	267.66	274.28
WJPA.L	1450	WASHINGTON	PA	381.8	134.3	286.99	278.82
C1450.P	1450	COBOURG	ON	461.1	72.0	287.30	287.30
CHUC.O	1450	COBOURG	ON	461.1	72.0	287.30	287.30
WIBD.L	1470	WEST BEND	WI	386.8	282.1	284.95	288.11
WHDL.L	1450	OLEAN	NY	422.3	98.8	304.94	288.11

Exhibit 17.3
Tabulation of Proposed Map M3 Allocation Study

Call	Freq	City	ST	Dist	Azi	In	Out
WJCP.L	1460	NORTH VERNO	IN	431.7	203.5	241.51	295.54
WBUC.L	1460	BUCKHANNON	WV	487.0	145.5	292.64	299.36
KFIZ.L	1450	FOND DU LAC	WI	422.6	287.4	296.13	302.39
WDAD.L	1450	INDIANA	PA	424.5	121.4	334.68	317.05
WKJR.L	1460	RANTOUL	IL	461.4	236.0	272.24	317.41
WHNK.L	1450	PARKERSBURG	WV	395.4	154.9	325.36	323.80
WIXN.L	1460	DIXON	IL	495.9	258.8	322.44	344.02
WNBY.L	1450	NEWBERRY	MI	446.7	339.0	344.33	348.51
WGMF.L	1460	TUNKHANNOCK	PA	637.5	102.4	395.61	357.28
WTKT.L	1460	HARRISBURG	PA	606.5	116.3	404.59	363.16
WRVK.L	1460	MOUNT VERNO	KY	575.3	186.3	377.18	427.52
WBOG.L	1460	TOMAH	WI	586.2	283.3	414.48	427.72
WEKB.L	1460	ELKHORN CITY	KY	590.9	170.2	429.10	442.13
WKDV.L	1460	MANASSAS	VA	662.3	131.4	467.19	442.34
WROY.L	1460	CARMI	IL	633.1	217.1	443.04	490.17
WRAD.L	1460	RADFORD	VA	651.7	157.9	480.96	492.65
WEEN.L	1460	LAFAYETTE	TN	699.5	196.7	544.07	574.72
KHOJ.L	1460	ST. CHARLES	MO	714.3	232.6	552.52	579.22

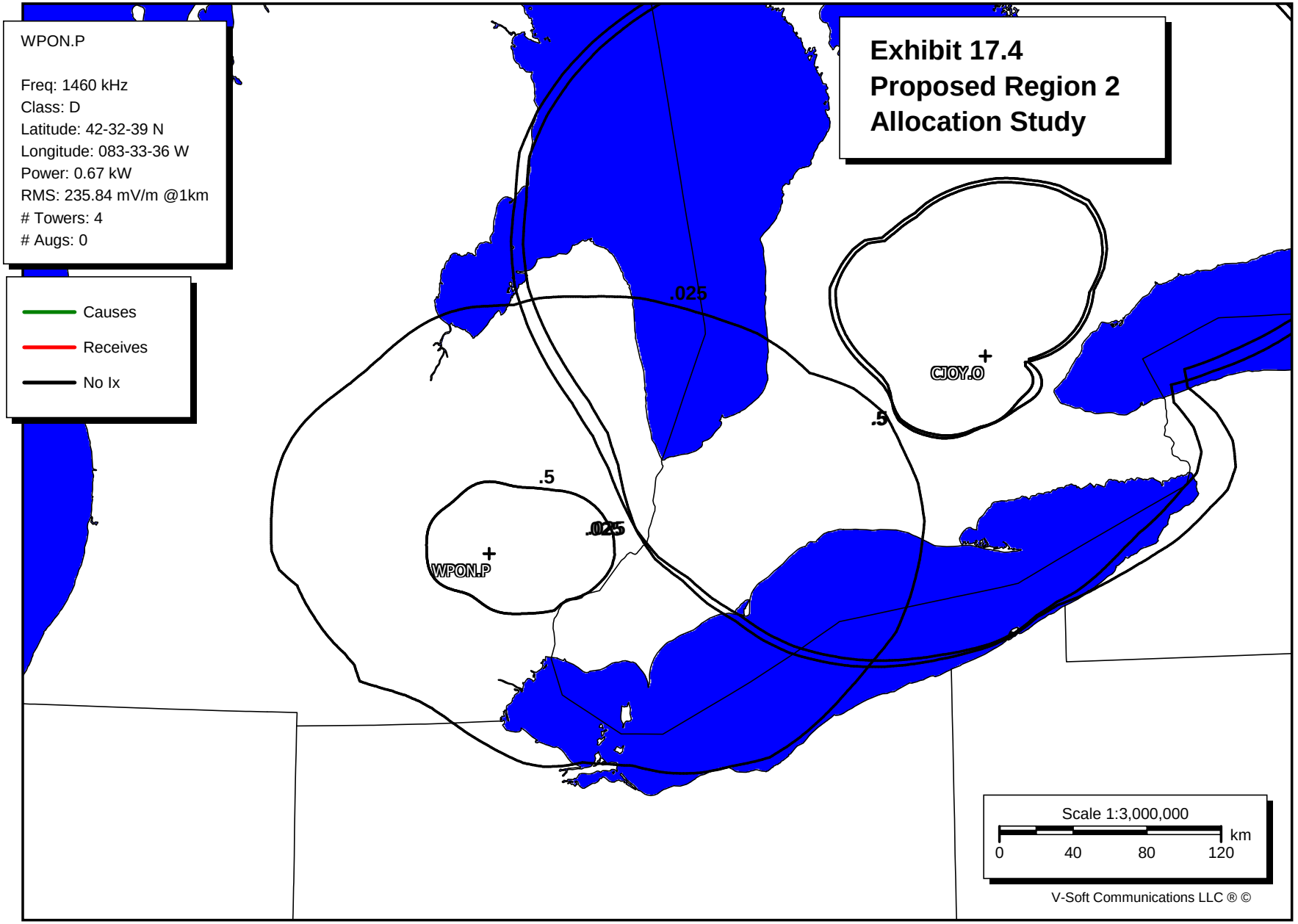

WPON.P
Freq: 1460 kHz
Class: D
Latitude: 42-32-39 N
Longitude: 083-33-36 W
Power: 0.67 kW
RMS: 235.84 mV/m @1km
Towers: 4
Augs: 0
Causes
Receives
No Ix
Exhibit 17.4
Proposed Region 2
Allocation Study
.025
.5
.5
.025
CJOY.0
WPON.P
Scale 1:3,000,000
0
40
80
120
km
V-Soft Communications LLC ® ©

Exhibit 17.4

Tabulation of Proposed Region 2 Allocation Study

AM Daytime Study

Reference Station:
Call: WPON.P Freq: 1460 kHz WALLED LAKE, MI, US
Lat: 42-32-39 N Power: 0.67 kW
Lng: 083-33-36 W Theo RMS: 235.84 mV/m @ 1km

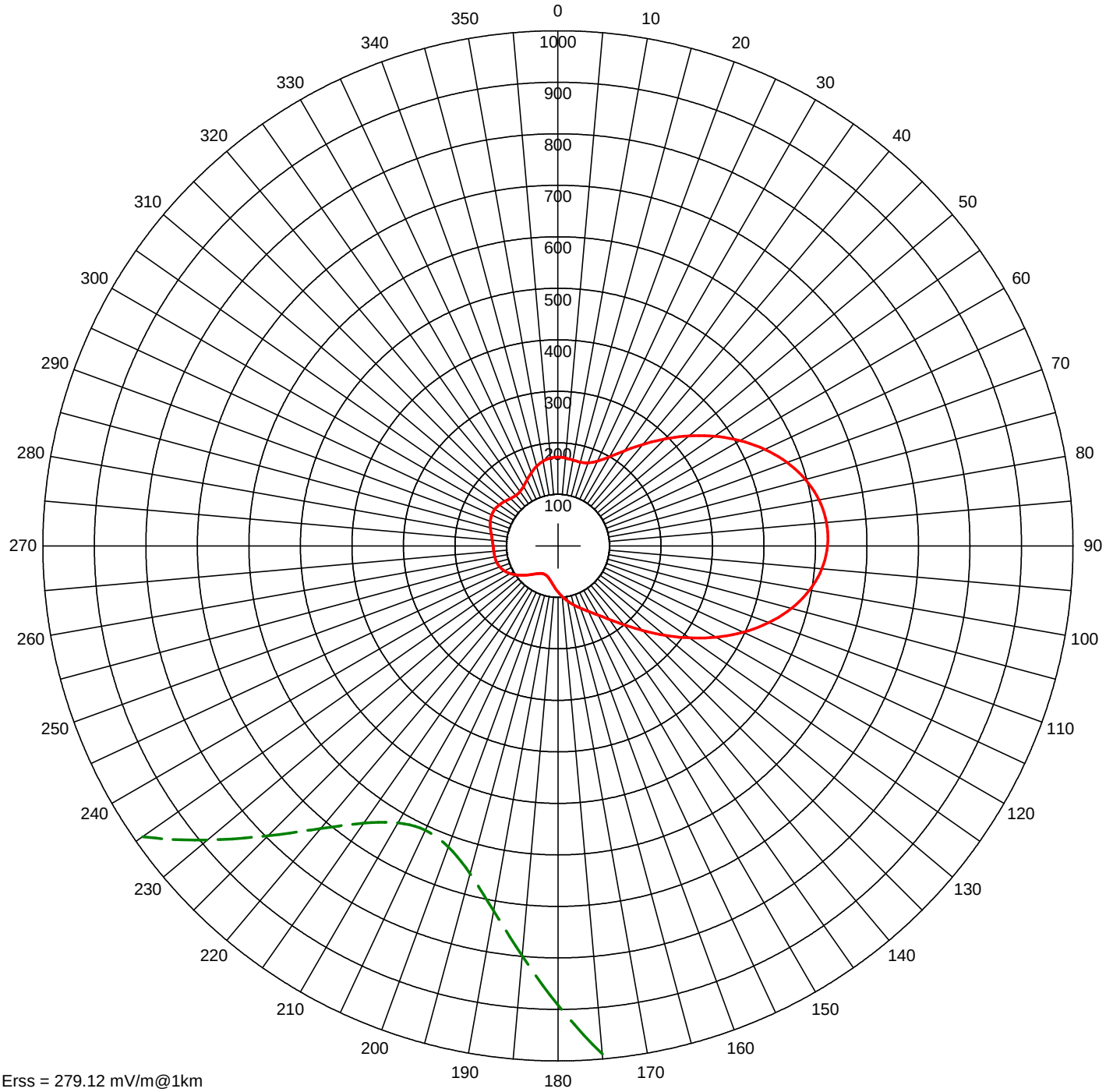
#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swtch	TL Swtch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	104.1	0	0	0.0	0.0	0.0	0.0
2	0.630	-71.0	113.2	63.5	104.1	0	0	0.0	0.0	0.0	0.0
3	0.530	-6.0	186.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0
4	0.334	-77.0	113.2	63.5	104.1	1	0	0.0	0.0	0.0	0.0

Call	Freq	City	ST	Dist	Azi	In	Out
WPON.L	1460	WALLED LAKE	MI	5.0	90.4	-5640.00	-6915.00
WHLS.L	1450	PORT HURON	MI	101.8	62.2	-2592.50	-4064.00
WABQ.L	1460	PAINESVILLE	OH	211.9	115.7	-1096.25	-2811.25
WFNT.L	1470	FLINT	MI	48.1	352.1	-1737.50	-1608.00
WIBM.L	1450	JACKSON	MI	74.5	242.5	-173.25	-64.00
WSDS.L	1480	SALEM TOWNS	MI	31.8	188.8	1.68	1.68
WBRN.L	1460	BIG RAPIDS	MI	199.8	307.8	-3041.50	9.26
CJOY.O	1460	GUELPH	ON	289.7	70.0	13.46	10.65
CJOY.O	1460	GUELPH	ON	289.7	70.0	15.85	11.60
WMKM.L	1440	INKSTER	MI	35.9	153.2	18.32	18.32
WBRN.C	1460	BIG RAPIDS	MI	199.9	307.8	-1031.00	20.92
WLEC.L	1450	SANDUSKY	OH	142.3	149.7	35.71	41.42
WABJ.L	1490	ADRIAN	MI	80.7	207.5	71.69	71.69
WKAM.L	1460	GOSHEN	IN	214.7	239.7	41.81	84.54
WMAX.L	1440	BAY CITY	MI	113.8	343.0	85.07	85.07
WKAM.C	1460	GOSHEN	IN	215.1	239.6	42.29	85.17
WBNS.L	1460	COLUMBUS	OH	293.1	169.4	-179.75	90.01
WLYV.L	1450	FORT WAYNE	IN	208.8	217.9	122.80	128.59
WMBA.L	1460	AMBRIDGE	PA	354.5	128.9	157.89	137.20
WHTC.L	1450	HOLLAND	MI	210.6	276.7	136.72	139.15
WGVU.L	1480	KENTWOOD	MI	171.9	280.4	139.37	139.37
WKPR.C	1440	KALAMAZOO	MI	171.3	260.7	148.11	148.11
WKPR.L	1440	KALAMAZOO	MI	171.3	260.7	149.16	149.16
WPSE.L	1450	ERIE	PA	293.6	100.1	165.43	151.62
WLOA.L	1470	FARRELL	PA	293.0	121.6	172.01	161.87
WIOS.L	1480	TAWAS CITY-EA	MI	191.0	0.4	165.39	165.39
WJER.L	1450	DOVER-NEW PH	OH	285.8	142.8	179.04	182.06
WHIC.L	1460	ROCHESTER	NY	487.1	85.0	192.42	184.42
WJTI.L	1460	WEST ALLIS	WI	369.8	276.5	166.36	193.55
WRGM.L	1440	ONTARIO	OH	212.3	158.6	197.90	197.90
CHOW.P	1470	WELLAND	ON	353.9	84.2	202.92	202.92
WFRA.L	1450	FRANKLIN	PA	336.0	113.6	219.38	207.19
WKLA.L	1450	LUDINGTON	MI	280.3	302.9	210.13	207.65
CHOW.O	1470	WELLAND	ON	353.9	84.2	214.15	214.15
WGNR.L	1470	ANDERSON	IN	329.3	212.5	210.68	224.29
WCEV.L	1450	CICERO	IL	351.4	255.6	246.55	252.85
WRLL.L	1450	CICERO	IL	351.4	255.6	246.55	252.85
WASK.L	1450	LAFAYETTE	IN	363.4	228.0	260.20	268.70
WMOH.L	1450	HAMILTON	OH	358.2	192.9	261.00	269.99
WASK.L	1450	LAFAYETTE	IN	363.4	228.0	267.66	274.28
WJPA.L	1450	WASHINGTON	PA	381.8	134.3	286.99	278.82
C1450.P	1450	COBOURG	ON	461.1	72.0	287.30	287.30
CHUC.O	1450	COBOURG	ON	461.1	72.0	287.30	287.30
WIBD.L	1470	WEST BEND	WI	386.8	282.1	284.95	288.11
WHDL.L	1450	OLEAN	NY	422.3	98.8	304.94	288.11

Exhibit 17.4
Tabulation of Proposed Region 2 Allocation Study

Call	Freq	City	ST	Dist	Azi	In	Out
WJCP.L	1460	NORTH VERNO	IN	431.7	203.5	241.51	295.54
WBUC.L	1460	BUCKHANNON	WV	487.0	145.5	292.64	299.36
KFIZ.L	1450	FOND DU LAC	WI	422.6	287.4	296.13	302.39
WDAD.L	1450	INDIANA	PA	424.5	121.4	334.68	317.05
WKJR.L	1460	RANTOUL	IL	461.4	236.0	272.24	317.41
WHNK.L	1450	PARKERSBURG	WV	395.4	154.9	325.36	323.80
WIXN.L	1460	DIXON	IL	495.9	258.8	322.44	344.02
WNBY.L	1450	NEWBERRY	MI	446.7	339.0	344.33	348.51
WGMF.L	1460	TUNKHANNOCK	PA	637.5	102.4	395.61	357.28
WTKT.L	1460	HARRISBURG	PA	606.5	116.3	404.59	363.16
WRVK.L	1460	MOUNT VERNO	KY	575.3	186.3	377.18	427.52
WBOG.L	1460	TOMAH	WI	586.2	283.3	414.48	427.72
WEKB.L	1460	ELKHORN CITY	KY	590.9	170.2	429.10	442.13
WKDV.L	1460	MANASSAS	VA	662.3	131.4	467.19	442.34
WROY.L	1460	CARMI	IL	633.1	217.1	443.04	490.17
WRAD.L	1460	RADFORD	VA	651.7	157.9	480.96	492.65
WEEN.L	1460	LAFAYETTE	TN	699.5	196.7	544.07	574.72
KHOJ.L	1460	ST. CHARLES	MO	714.3	232.6	552.52	579.22

Exhibit 17.5 - Polar Plot of Proposed Daytime Directional Standard Pattern



Erss = 279.12 mV/m@1km
Theo RMS: 235.84 mV/m@1km
Std RMS: 247.855 mV/m@1km
Q: 10.0 mV/m@1km

Standard Horizontal Plane Pattern

Pattern (mV/m @ 1km)
Pattern X10

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swtch	TL Swtch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	104.1	0	0	0.0	0.0	0.0	0.0
2	0.630	-71.0	113.2	63.5	104.1	0	0	0.0	0.0	0.0	0.0
3	0.530	-6.0	186.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0
4	0.334	-77.0	113.2	63.5	104.1	1	0	0.0	0.0	0.0	0.0

Call: WPON.P
Freq: 1460 kHz
WALLED LAKE, MI, US
Hours: D
Lat: 42-32-39 N
Lng: 083-33-36 W
Power: 0.67 kW
Theo RMS: 235.84 mV/m@1km
@ 0.67 kW

Exhibit 17.6

Tabulation of Proposed Daytime Directional Standard Pattern

AM Radiation Report

Call: WPON.P
Freq: 1460 kHz
WALLED LAKE, MI, US
Hours: D
Lat: 42-32-39 N
Lng: 083-33-36 W
Power: 0.67 kW
Theo RMS: 235.84 mV/m @ 1km @ 0.67 kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swtch	TL Swtch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	104.1	0	0	0.0	0.0	0.0	0.0
2	0.630	-71.0	113.2	63.5	104.1	0	0	0.0	0.0	0.0	0.0
3	0.530	-6.0	186.0	173.0	104.1	0	0	0.0	0.0	0.0	0.0
4	0.334	-77.0	113.2	63.5	104.1	1	0	0.0	0.0	0.0	0.0

Standard Horizontal Plane Pattern

Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)	Azimuth (Deg)	Field (mV/m @1km)
0.0	172.26	120.0	354.53	240.0	107.38
5.0	171.09	125.0	311.46	245.0	114.76
10.0	168.98	130.0	269.98	250.0	120.03
15.0	168.20	135.0	232.32	255.0	123.09
20.0	171.52	140.0	200.21	260.0	124.41
25.0	181.50	145.0	174.54	265.0	124.94
30.0	199.47	150.0	155.04	270.0	125.85
35.0	225.18	155.0	140.46	275.0	128.00
40.0	257.15	160.0	128.95	280.0	131.56
45.0	293.42	165.0	118.83	285.0	135.86
50.0	331.97	170.0	109.00	290.0	139.70
55.0	370.93	175.0	99.05	295.0	141.87
60.0	408.54	180.0	89.16	300.0	141.61
65.0	443.17	185.0	79.90	305.0	138.89
70.0	473.30	190.0	71.94	310.0	134.52
75.0	497.51	195.0	65.92	315.0	130.08
80.0	514.58	200.0	62.21	320.0	127.54
85.0	523.46	205.0	60.94	325.0	128.51
90.0	523.46	210.0	62.12	330.0	133.48
95.0	514.25	215.0	65.74	335.0	141.55
100.0	496.01	220.0	71.68	340.0	150.98
105.0	469.44	225.0	79.62	345.0	159.92
110.0	435.78	230.0	88.85	350.0	166.90
115.0	396.76	235.0	98.45	355.0	171.07