

Call sign: WISTprop
 Frequency: 690 kHz
 Power: 2.100 kW
 ERSS: 493.92 mV/m at 1 km
 Q factor at zero degrees:
 -1.00 mV/m at 1 km
 Theoretical pattern RMS:
 385.44 mV/m at 1 km
 Standard pattern RMS:
 405.00 mV/m at 1 km
 Modified pattern RMS:
 0.00 mV/m at 1 km

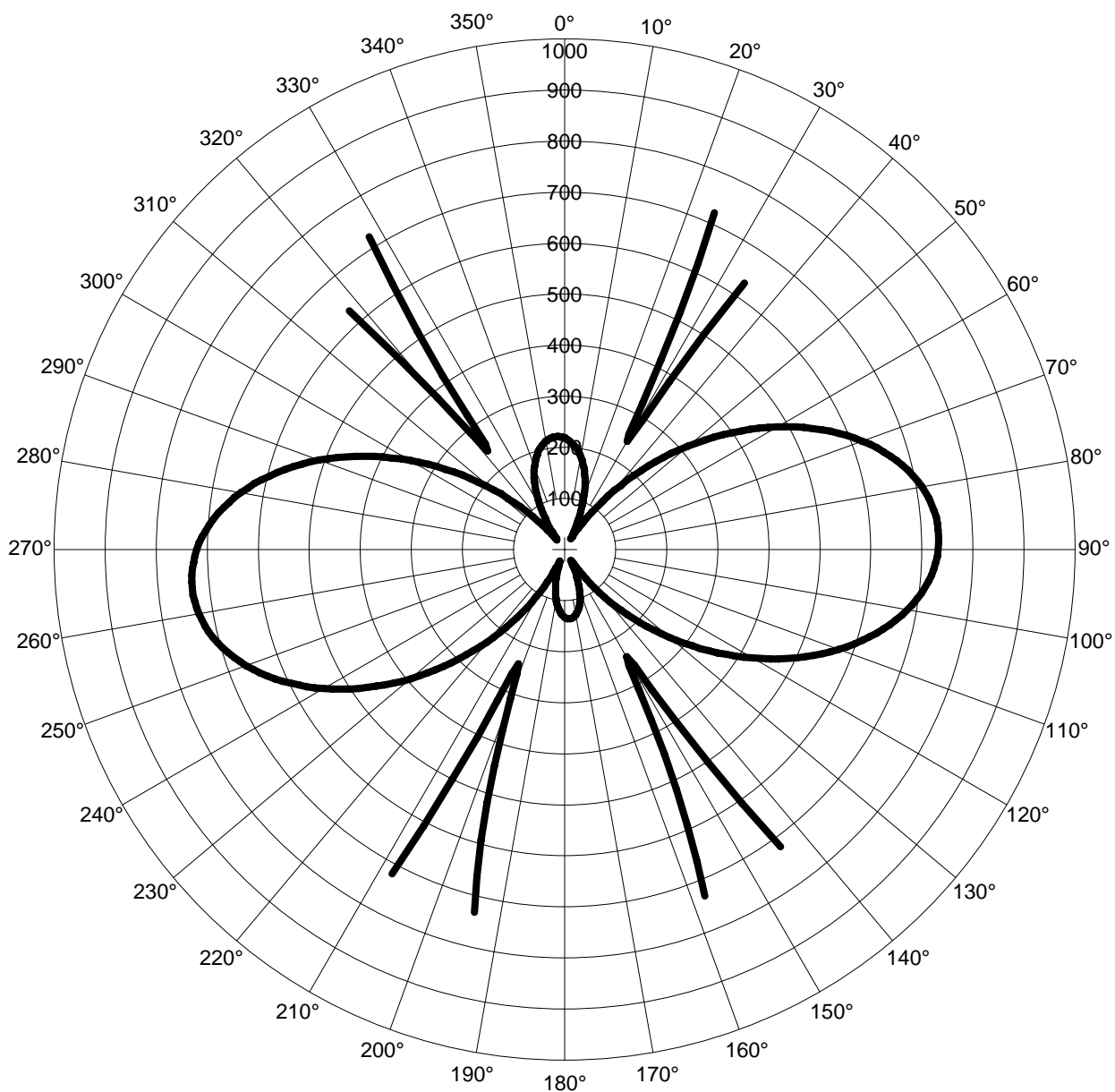
Coordinates:
 N29°57'53.00" W89°57'31.00"

No. of augmentations: 0

TOWER PARAMETERS

##	Field Ratio	Phase (deg.)	Spacing (deg.)	Bearing (deg.)	Tower Ref. Switch	Elec. Height (deg.)	Length Twr. A (deg.)	Length Twr. B (deg.)	Length Twr. C (deg.)	Length Twr. D (deg.)
1	1.000	0.0	0.0	0.0	0	57.6	0.0	0.0	0.0	0.0
2	0.950	-7.0	208.0	176.0	0	57.6	0.0	0.0	0.0	0.0

HORIZONTAL PLANE PATTERN



Field in mV/m

outer curve: x10 scale

WQNO, NEW ORLEANS, LOUISIANA

NIGHTTIME DIRECTIONAL ANTENNA PARAMETERS

AND STANDARD PATTERN

Power: 2.100 kW

ERSS: 493.91 mV/m at 1 km

Multiplying Constant (K factor): 358.08 mV/m at 1 km

Q Factor (elevation angle = 0 degrees): 14.49

Theoretical Pattern RMS: 385.44 mV/m at 1 km

Standard Pattern RMS: 404.99 mV/m at 1 km

ANTENNA TOWER PARAMETERS:

Field ##	Ratio	Phase (deg.)	Spac. (deg.)	Bear. (deg.)	TL SW	HT (deg.)	TLA (deg.)	TLB (deg.)	TLC (deg.)	TLD (deg.)
1	1.000	.0	.0	.0	0	57.6	.0	.0	.0	.0
2	.950	-7.0	208.0	176.0	0	57.6	.0	.0	.0	.0

CALCULATED STANDARD PATTERN DATA (0 - 40 DEGREES ELEVATION):

Azimuth (deg.)	Elevation Angle (degrees):								
	.00	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00
.0	218.65	212.89	195.89	168.43	131.87	88.31	41.63	24.66	68.56
5.0	206.15	200.47	183.72	156.69	120.77	78.13	33.59	30.74	75.70
10.0	184.00	178.48	162.19	135.95	101.22	60.47	22.65	43.52	88.33
15.0	152.24	146.95	131.38	106.39	73.63	36.87	25.11	63.43	106.37
20.0	111.11	106.17	91.68	68.70	39.98	22.04	50.07	90.01	129.58
25.0	61.92	57.62	45.38	28.61	25.59	51.09	85.93	122.64	157.62
30.0	24.45	25.29	31.04	45.83	68.87	97.46	128.92	160.63	189.94
35.0	76.43	79.79	89.74	105.76	126.82	151.39	177.55	203.14	225.87
40.0	150.45	153.28	161.55	174.64	191.50	210.71	230.56	249.17	264.55
45.0	231.04	233.13	239.19	248.64	260.55	273.67	286.53	297.51	304.97
50.0	314.97	316.23	319.83	325.28	331.81	338.38	343.79	346.75	345.95
55.0	399.23	399.62	400.64	401.93	402.87	402.70	400.49	395.31	386.20
60.0	480.58	480.10	478.55	475.69	471.10	464.27	454.61	441.50	424.36
65.0	555.61	554.29	550.32	543.54	533.75	520.69	504.07	483.60	459.04
70.0	620.91	618.87	612.73	602.49	588.11	569.57	546.85	519.96	488.96
75.0	673.37	670.74	662.86	649.82	631.73	608.76	581.13	549.09	512.92
80.0	710.41	707.37	698.27	683.26	662.57	636.50	605.44	569.78	530.00
85.0	730.19	726.93	717.21	701.20	679.18	651.54	618.70	581.18	539.51
90.0	731.76	728.51	718.81	702.83	680.85	653.23	620.40	582.86	541.13
95.0	715.22	712.19	703.15	688.23	667.63	641.62	610.57	574.84	534.88
100.0	681.61	679.01	671.22	658.30	640.33	617.44	589.79	557.60	521.11
105.0	632.90	630.89	624.85	614.74	600.48	581.98	559.18	532.03	500.53
110.0	571.71	570.43	566.54	559.87	550.15	537.07	520.26	499.37	474.11
115.0	501.19	500.73	499.24	496.42	491.83	484.86	474.85	461.11	443.00
120.0	424.68	425.07	426.10	427.36	428.17	427.70	424.95	418.89	408.52
125.0	345.51	346.76	350.30	355.63	361.88	367.97	372.60	374.40	372.02
130.0	266.81	268.86	274.81	284.02	295.51	307.95	319.78	329.31	334.83
135.0	191.36	194.14	202.27	215.05	231.36	249.70	268.29	285.15	298.24
140.0	121.66	125.06	135.03	150.87	171.41	195.03	219.73	243.28	263.36
145.0	60.68	64.38	75.45	93.48	117.38	145.42	175.41	204.88	231.21
150.0	24.19	24.56	29.90	45.75	70.92	102.14	136.43	170.88	202.59
155.0	51.90	47.57	35.66	23.48	35.08	66.32	103.60	142.04	178.19
160.0	86.07	81.08	66.53	44.22	23.10	39.45	77.57	118.89	158.49
165.0	112.10	106.83	91.35	66.85	36.64	24.28	58.74	101.81	143.87

170.0	128.69	123.26	107.31	81.88	49.33	21.75	47.19	91.01	134.57
175.0	135.54	130.06	113.93	88.16	54.90	23.18	42.58	86.55	130.72
180.0	132.60	127.15	111.09	85.47	52.49	22.40	44.54	88.46	132.37
185.0	119.89	114.55	98.84	73.88	42.42	22.06	53.26	96.73	139.50
190.0	97.58	92.45	77.45	54.00	27.47	31.77	69.17	111.32	152.02
195.0	66.33	61.63	48.20	29.52	26.00	54.39	92.35	132.07	169.72
200.0	30.94	28.16	23.77	31.46	54.98	86.85	122.52	158.69	192.30
205.0	40.49	43.92	54.66	72.95	97.78	127.29	159.13	190.70	219.30
210.0	95.98	99.56	110.11	126.99	149.00	174.50	201.43	227.45	250.13
215.0	162.65	165.70	174.61	188.69	206.77	227.31	248.44	268.06	284.02
220.0	236.09	238.45	245.30	255.99	269.46	284.33	298.93	311.46	320.06
225.0	313.81	315.38	319.91	326.82	335.21	343.87	351.42	356.35	357.15
230.0	393.15	393.89	395.93	398.82	401.82	403.98	404.19	401.27	394.08
235.0	471.12	470.99	470.50	469.30	466.85	462.45	455.31	444.60	429.54
240.0	544.44	543.48	540.53	535.36	527.64	516.93	502.76	484.65	462.15
245.0	609.75	608.02	602.81	594.00	581.47	565.04	544.51	519.74	490.60
250.0	663.81	661.42	654.28	642.39	625.79	604.51	578.65	548.31	513.65
255.0	703.73	700.85	692.25	678.02	658.32	633.40	603.52	569.01	530.24
260.0	727.28	724.09	714.58	698.91	677.32	650.16	617.83	580.80	539.56
265.0	733.02	729.74	719.95	703.82	681.66	653.83	620.78	583.03	541.11
270.0	720.47	717.31	707.89	692.36	670.98	644.09	612.11	575.49	534.74
275.0	690.16	687.34	678.91	664.97	645.69	621.32	592.12	558.44	520.62
280.0	643.59	641.30	634.41	622.96	606.97	586.52	561.67	532.56	499.31
285.0	583.08	581.46	576.58	568.35	556.63	541.27	522.09	498.92	471.65
290.0	511.54	510.72	508.18	503.71	496.99	487.60	475.07	458.93	438.72
295.0	432.31	432.35	432.34	431.95	430.66	427.79	422.57	414.17	401.79
300.0	348.81	349.72	352.30	356.10	360.40	364.28	366.65	366.35	362.21
305.0	264.38	266.14	271.24	279.12	288.92	299.46	309.38	317.18	321.36
310.0	182.10	184.64	192.07	203.77	218.71	235.55	252.68	268.30	280.57
315.0	104.96	108.16	117.55	132.53	152.03	174.57	198.31	221.19	241.07
320.0	38.70	41.78	51.51	68.22	91.04	118.27	147.77	177.14	203.92
325.0	41.58	37.97	28.76	23.72	39.50	68.50	102.37	137.24	170.07
330.0	92.23	87.48	73.62	51.99	27.55	29.66	63.42	102.37	140.25
335.0	136.88	131.72	116.52	92.20	60.62	27.51	33.23	73.29	115.05
340.0	172.45	167.01	150.97	125.16	91.11	51.53	20.50	50.64	94.90
345.0	198.45	192.83	176.23	149.47	113.95	71.93	29.13	34.99	80.09
350.0	214.80	209.07	192.14	164.81	128.45	85.17	39.08	26.39	70.75
355.0	221.53	215.76	198.69	171.14	134.44	90.68	43.58	23.47	66.91

CALCULATED STANDARD PATTERN DATA (45 - 60 DEGREES ELEVATION):

Azimuth (degs.)	Elevation Angle (degrees):			
	45.00	50.00	55.00	60.00
-----	-----	-----	-----	-----
.0	113.87	152.26	180.19	195.07
5.0	119.91	157.08	183.80	197.59
10.0	130.53	165.51	190.11	201.98
15.0	145.58	177.41	198.99	208.15
20.0	164.80	192.55	210.26	215.96
25.0	187.85	210.64	223.67	225.22
30.0	214.28	231.27	238.90	235.71
35.0	243.50	253.98	255.60	247.16
40.0	274.80	278.18	273.32	259.27
45.0	307.34	303.23	291.59	271.71
50.0	340.18	328.42	309.88	284.14
55.0	372.32	352.96	327.66	296.17
60.0	402.68	376.09	344.36	307.46
65.0	430.21	397.01	359.45	317.66
70.0	453.93	415.02	372.44	326.45
75.0	472.94	429.48	382.90	333.55
80.0	486.54	439.88	390.47	338.75
85.0	494.23	445.86	394.93	341.89
90.0	495.75	447.25	396.14	342.90
95.0	491.13	444.05	394.12	341.79

100.0	480.62	436.46	388.99	338.61
105.0	464.75	424.83	380.99	333.54
110.0	444.25	409.69	370.47	326.78
115.0	419.98	391.66	357.86	318.61
120.0	392.94	371.47	343.65	309.34
125.0	364.18	349.88	328.37	299.31
130.0	334.74	327.65	312.55	288.87
135.0	305.61	305.55	296.75	278.39
140.0	277.70	284.28	281.46	268.20
145.0	251.85	264.46	267.15	258.62
150.0	228.72	246.66	254.24	249.93
155.0	208.91	231.35	243.09	242.41
160.0	192.86	218.89	233.99	236.25
165.0	180.89	209.58	227.17	231.62
170.0	173.26	203.63	222.80	228.65
175.0	170.09	201.16	220.98	227.41
180.0	171.45	202.22	221.76	227.94
185.0	177.31	206.79	225.12	230.22
190.0	187.57	214.78	230.98	234.20
195.0	202.02	226.00	239.19	239.77
200.0	220.37	240.22	249.55	246.77
205.0	242.23	257.07	261.80	255.02
210.0	267.07	276.14	275.59	264.27
215.0	294.25	296.90	290.54	274.26
220.0	322.99	318.76	306.20	284.67
225.0	352.43	341.02	322.07	295.16
230.0	381.59	362.96	337.63	305.40
235.0	409.44	383.80	352.34	315.01
240.0	434.94	402.79	365.65	323.67
245.0	457.06	419.16	377.06	331.02
250.0	474.88	432.27	386.12	336.80
255.0	487.61	441.53	392.43	340.76
260.0	494.63	446.52	395.72	342.71
265.0	495.58	446.97	395.81	342.55
270.0	490.34	442.82	392.64	340.26
275.0	479.06	434.15	386.29	335.87
280.0	462.14	421.26	376.95	329.50
285.0	440.21	404.60	364.93	321.36
290.0	414.09	384.76	350.62	311.69
295.0	384.73	362.43	334.50	300.80
300.0	353.18	338.36	317.09	289.02
305.0	320.49	313.33	298.93	276.70
310.0	287.71	288.14	280.59	264.23
315.0	255.81	263.51	262.59	251.94
320.0	225.67	240.14	245.43	240.19
325.0	198.05	218.61	229.56	229.28
330.0	173.58	199.45	215.38	219.50
335.0	152.78	183.09	203.23	211.08
340.0	136.03	169.86	193.36	204.24
345.0	123.62	160.02	186.01	199.12
350.0	115.73	153.75	181.31	195.85
355.0	112.46	151.15	179.36	194.49

WQNO – NEW ORLEANS

APPLICATION MAY 2014

TREATMENT OF FOREIGN STATIONS

<u>CALL</u>	<u>STATUS</u>	<u>USE AS DOMESTIC CONTRIBUTOR</u>	<u>PROTECT</u>
HOR-43	B LIST	NO	YES
XEME	OBJECTED	NO	YES
YSQR	B LIST	NO	YES
XEAFA	ACCEPTED	YES	YES
HRNN9A	A LIST	YES	YES
XEN	ACCEPTED	YES	YES
XETRA1 (Tijuana) class A	ACCEPTED	YES	YES
XETRA (Tijuana) class A	OBJECTED	NO	YES
XETRA (Rosarito) class A	OBJECTED	NO	YES
XECS	ACCEPTED	YES	YES
XERG	ACCEPTED	YES	YES
XEMA (250 watts)	ACCEPTED	YES	YES
XEMA (1 kW)	OBJECTED	NO	YES
CINF (class A)	ACCEPTED	YES	YES
CBKF	ACCEPTED	YES	YES
CMEC (class A)	CUBAN	NO	YES
HRNN19	B LIST	DOMESTIC NO/FOREIGN YES	YES
TGVX	B LIST	DOMESTIC NO/FOREIGN YES	YES

TREATMENT OF FOREIGN STATIONS...(continued)

<u>CALL</u>	<u>STATUS</u>	<u>USE AS DOMESTIC CONTRIBUTOR</u>	<u>PROTECT</u>
HIAW	B LIST	DOMESTIC NO/FOREIGN YES	YES
XEXL1	ACCEPTED FOREIGN AND DOMESTIC		YES
XERG	ACCEPTED FOREIGN AND DOMESTIC		YES

CATHOLIC COMMUNITY RADIO, INC.

WQNO, NEW ORLEANS, LOUISIANA

RSS FILE

The following RSS files contain all contributors inside a stations limit plus the first three outside the limit. Files that do not include the present facility (WQNOlic) or the proposed facility (WQNOapp) are not shown.

These files demonstrate that the proposed radiation either does not enter a stations limit, or that the proposed radiation is LESS THAN THE RADIATION OF THE LICENSED FACILITY.

Class A stations are shown on individual skywave contour maps.

Point: HIAW Frequency: 690 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
WOKV	1793.7	134.4	2.1	352.8	5.873	0.4144	0.4144
WQNOlic	2399.3	117.6	0.0	705.2	2.551	0.3598	0.5488
HRNN9A	1895.5	78.2	1.5	307.5	4.924	0.3028	0.6268
HRNN 19	1941.4	70.5	1.3	309.1	4.558	0.2817	
CINF	3012.9	172.0	0.0	943.0	1.417	0.2672	
WQNOapp	2399.3	117.6	0.0	462.3	2.551	0.2359	

Point: XERG Frequency: 690 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
WQNOlic	1119.5	247.1	7.2	1163.1	52.928	12.3118	12.3118
XEN	712.2	350.9	13.4	592.6	97.603	11.5688	16.8943
WQNOapp	1119.5	247.1	7.2	629.5	52.928	6.6632	
XEAFA	1036.5	325.4	8.1	456.1	60.453	5.5151	
XECS	840.2	28.9	10.9	274.1	82.114	4.5009	

Point: WOKV Frequency: 690 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
WQNOlic	771.8	85.2	8.8	1260.6	68.490	17.2671	17.2671
WQNOapp	771.8	85.2	8.8	719.7	68.487	9.8577	19.8828
WJOX	585.8	125.3	12.5	373.6	99.290	7.4180	21.2215
WPTF *	677.9	206.8	10.5	2962.5	80.616	4.7765	
CINF	1824.1	206.0	3.3	920.3	13.393	2.4652	
WCNN *	461.4	151.1	26.3	912.9	134.274	2.4516	

* - indicates an adjacent channel station.

Point: KTSM Frequency: 690 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
KGGF	1149.0	243.2	4.5	1258.4	36.188	9.1078	9.1078
KPET	423.0	260.0	17.8	132.9	148.742	3.9548	9.9294
WQNolic	1577.3	282.3	1.7	767.4	22.448	3.4453	10.5101
XEN	1579.1	334.2	1.6	618.5	26.475	3.2748	11.0085
WQNOapp	1577.2	282.3	1.7	616.3	22.449	2.7671	11.3509
XERG	919.3	321.2	6.8	246.4	56.111	2.7657	
XEAFA	1955.6	324.5	0.0	463.0	18.758	1.7368	
XECS	1446.9	352.2	2.4	281.0	30.813	1.7316	

* - indicates an adjacent channel station.

Point: KPET Frequency: 690 kHz

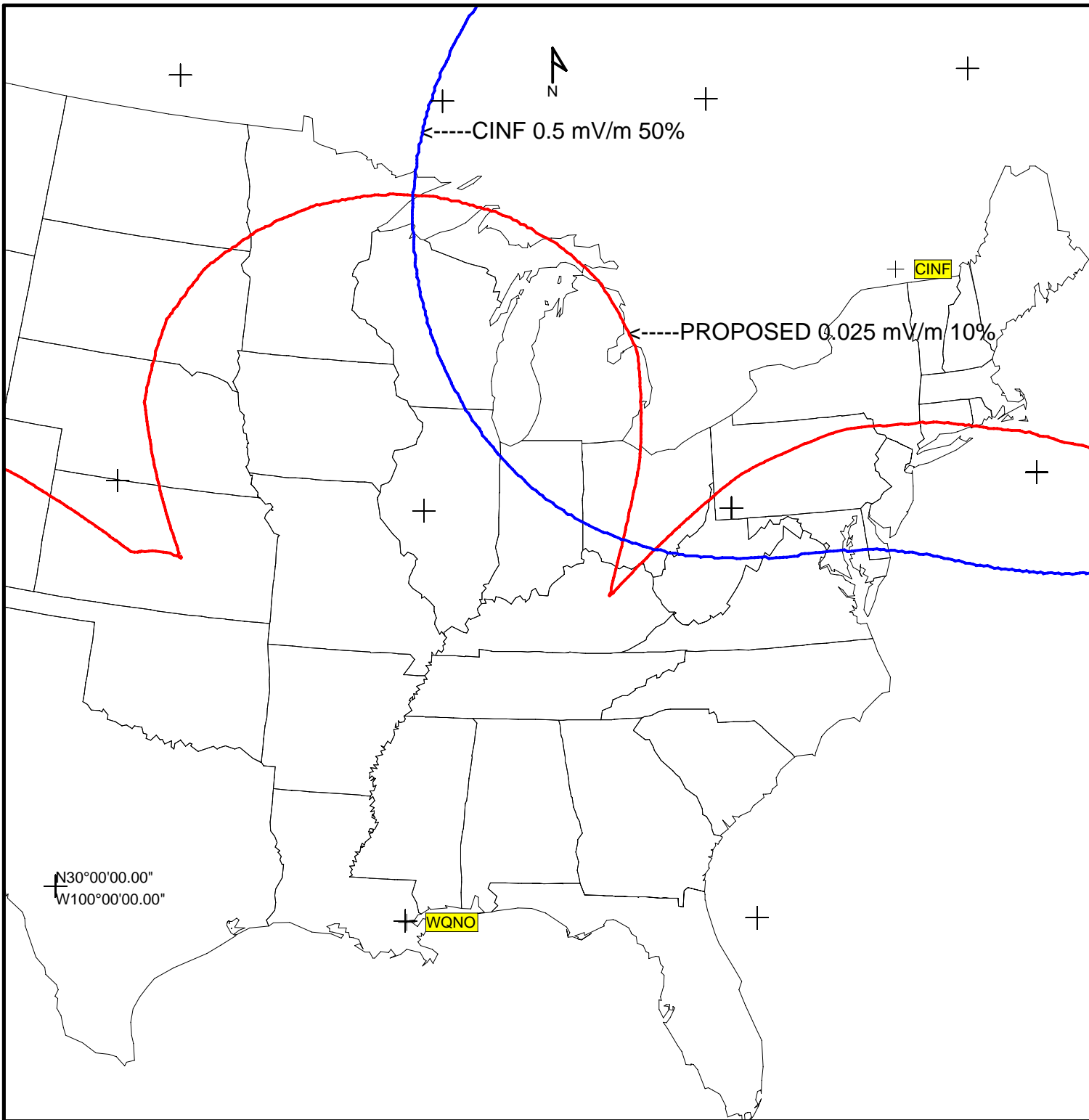
Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
KGGF	767.8	231.9	8.9	1523.7	67.103	20.4486	20.4486
KTSM	423.0	77.6	28.5	260.1	148.742	7.7361	21.8630
WQNolic	1176.8	288.1	4.9	552.7	36.135	3.9947	
WQNOapp	1176.8	288.1	4.3	538.8	36.137	3.8944	
XEN	1512.8	349.9	2.0	618.2	27.931	3.4533	

* - indicates an adjacent channel station.

Point: WJOX Frequency: 690 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
-----	-----	-----	-----	-----	-----	-----	-----
KGGF	877.9	115.4	13.2	565.9	53.891	6.0995	6.0995
WQNolic	482.3	35.8	20.1	162.7	127.370	4.1453	7.3748
WQNOapp	482.3	35.8	25.3	160.8	127.381	4.0971	8.4364
WLW *	696.1	200.3	10.1	2492.1	74.668	3.7215	9.2208
WMFS *	347.7	123.6	21.7	967.5	184.492	3.5698	9.8877
CINF	1742.5	225.0	3.9	1227.9	13.488	3.3123	10.4277
WOKV	585.8	307.9	20.9	134.0	99.290	2.6606	10.7618
WCNN *	252.4	257.7	29.1	521.7	250.190	2.6106	
XEN	1981.9	35.2	0.0	619.7	17.211	2.1331	
XEAFA	1865.2	22.1	0.2	462.9	19.387	1.7947	

* - indicates an adjacent channel station.



AMW™: WISTfig1aCMEC.am

Prop. method: USA-Canada bilateral agreement, and
Ground conduct. map type: Region 2
Skywave departure angle method: median
Percent time for skywave field: 50%

Reference Grid (spacing: 10 degrees)

Field strength at remote

■ = 0.500 mV/m

Display threshold level: -120.0 dBmW

Study Grid Boundary

Field strength at remote

■ = 0.025 mV/m

Display threshold level: -120.0 dBmW

C:\AMW4.2\Region1\map\Rg2m

Notes

CONTOURS WERE GENERATED WITH
CURVES FROM US-CANADA BI-LATERAL
AGREEMENT ANNEX II, FIGURE 4A

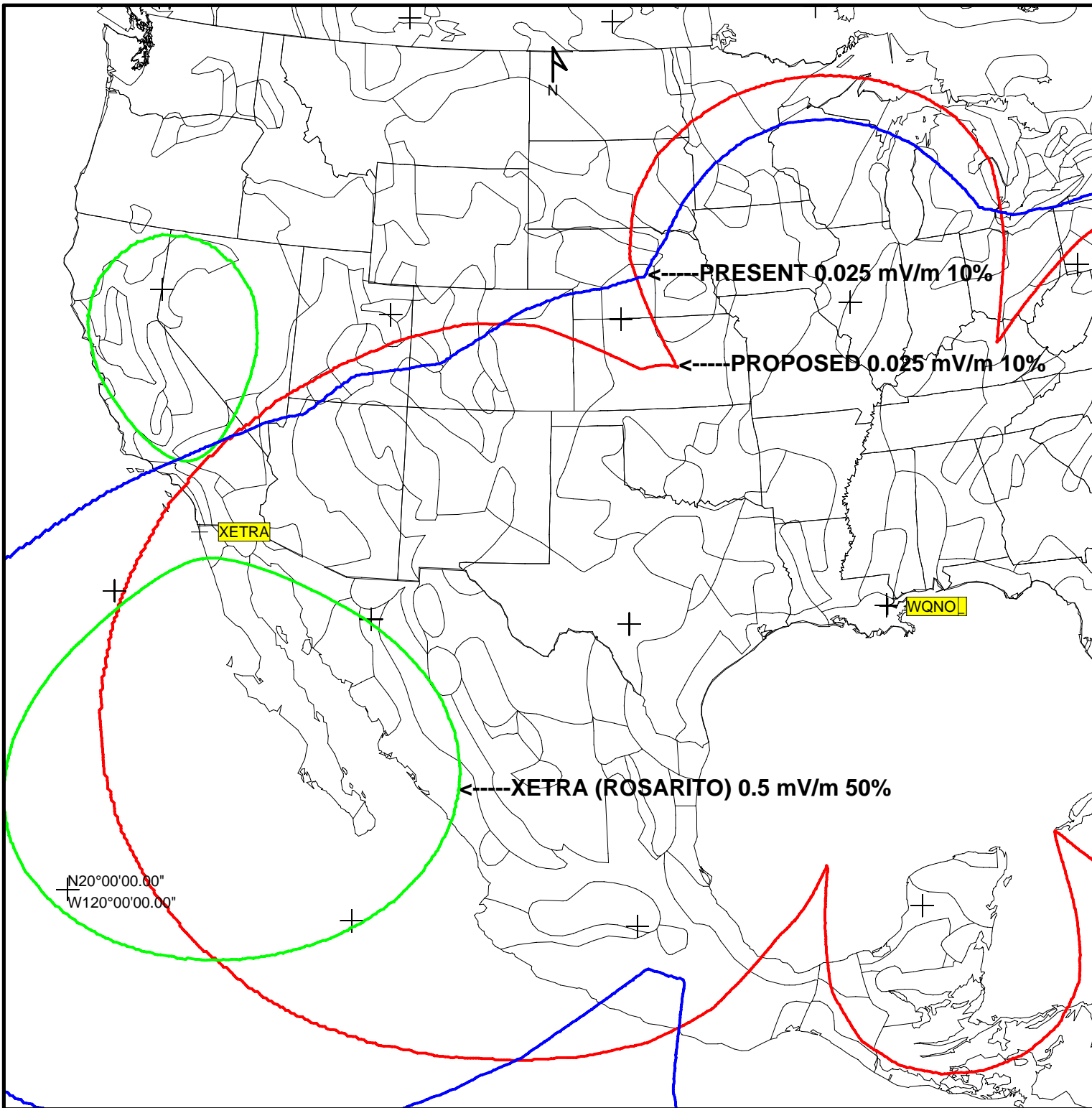
KILOMETERS

-100 0 400

FIGURE 1

CINF, MONTREAL 0.5 mV/m

SCALE 1:15,000,000



AMW™: WISTfig1aCMEC.am

Prop. method: Region 2 annex II figure 4 curve

Ground conduct. map type: Region 2

Skywave departure angle method: median

Percent time for skywave field: 50%

Reference Grid (spacing: 10 c

Field strength at remote

= 0.500 mV/m

Display threshold level: -120.0 dBmW

Study Grid Boundary

Field strength at remote

= 0.025 mV/m

Display threshold level: -120.0 dBmW

C:\AMW4.2\Region1map\Rg2

KILOMETERS

-500

0

500

FIGURE 1A

XETRA, ROSARITO 0.5 mV/m

SCALE

1:20,000,000

N20°00'00.00"
W120°00'00.00"

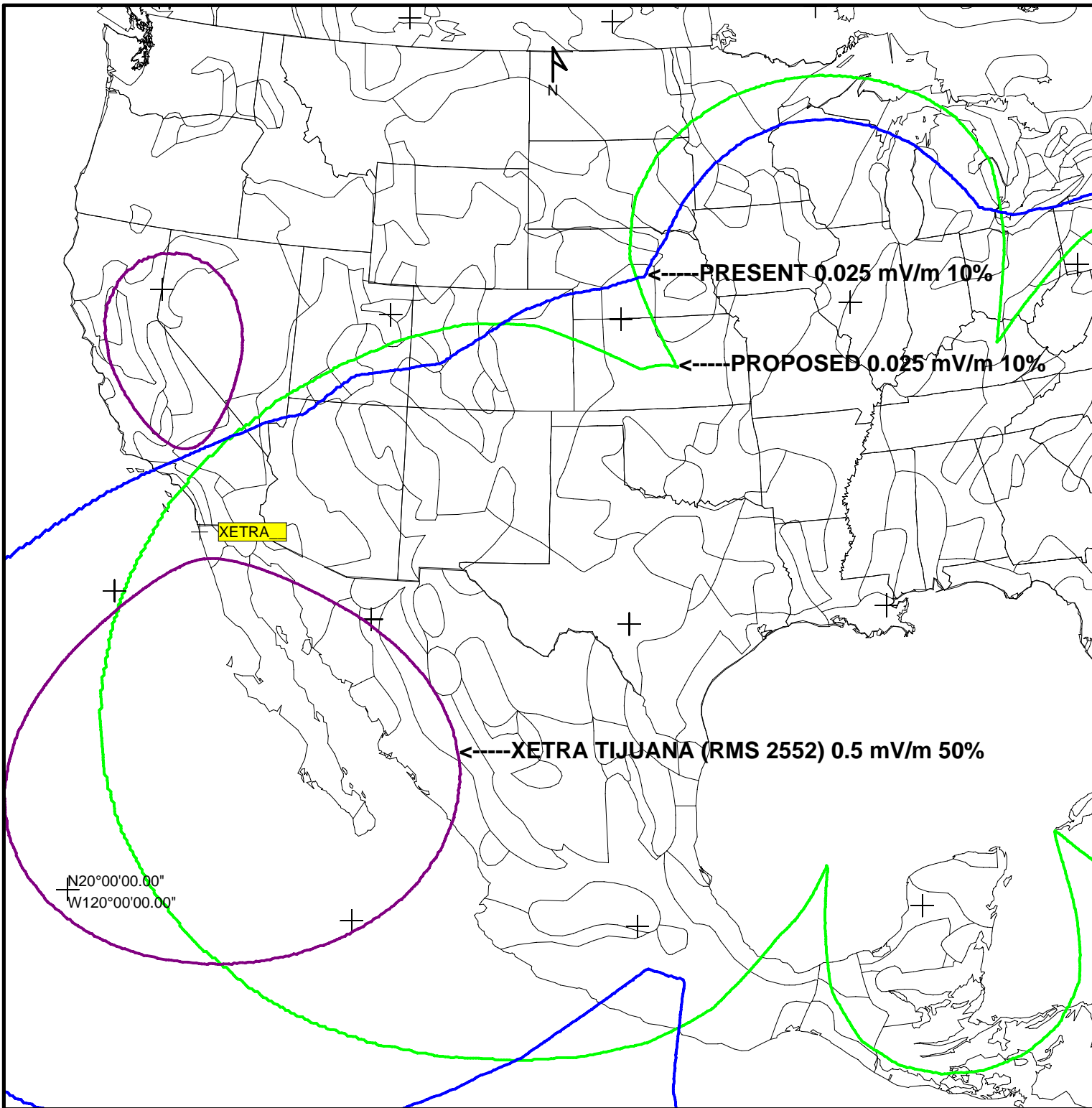
XETRA

WQNO

XETRA (ROSARITO) 0.5 mV/m 50%

PRESENT 0.025 mV/m 10%

PROPOSED 0.025 mV/m 10%



AMW™: WISTfig1aCMEC.am

Prop. method: Region 2 annex II figure 4 curve
Ground conduct. map type: Region 2
Skywave departure angle method: median
Percent time for skywave field: 50%

Reference Grid (spacing: 10 c

Field strength at remote
= 0.500 mV/m
Display threshold level: -120.0 dBmW

Study Grid Boundary

Field strength at remote
= 0.025 mV/m
Display threshold level: -120.0 dBmW

C:\AMW4.2\RegionI\map\Rg2

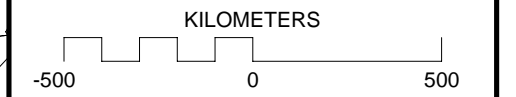
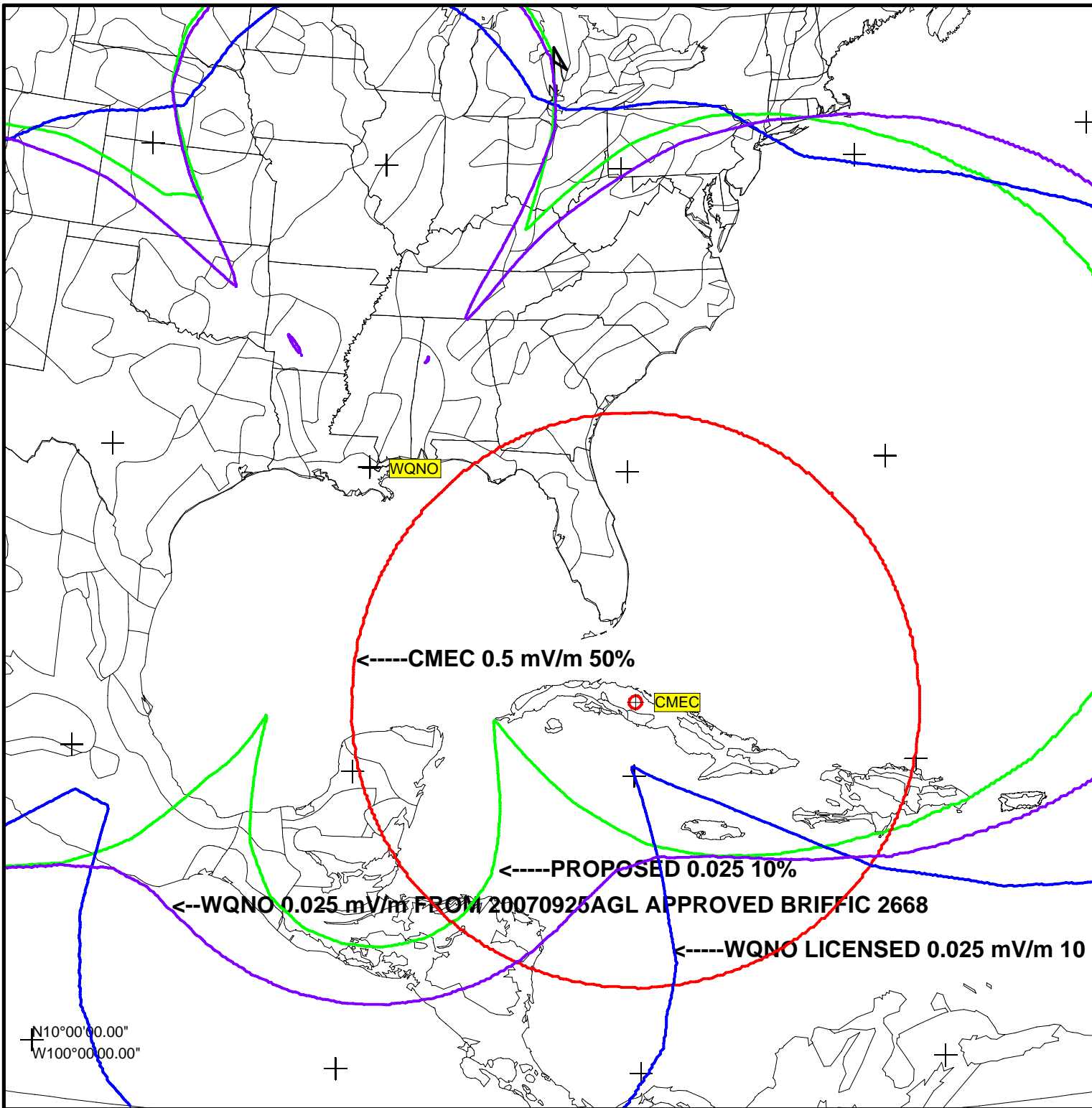


FIGURE 1C

XETRA TIJUANA 2552 RMS 0.5 mV/m 50%

SCALE 1:20,000,000



AMW™: WISTfig1aCMEC.am

Prop. method: Region 2 annex II figure 4 curve
Ground conduct. map type: Region 2
Skywave departure angle method: median
Percent time for skywave field: 10%

Field strength at remote
= 0.025 mV/m
Display threshold level: -120.0 dBmW
Reference Grid (spacing: 10 d

Field strength at remote
= 0.500 mV/m
Display threshold level: -120.0 dBmW
Study Grid Boundary

Field strength at remote
= 0.025 mV/m
Display threshold level: -120.0 dBmW
C:\AMW4.2\RegionIImap\Rg2

KILOMETERS
-500 0 500

FIGURE 1D
CMEC SANTA CLARA 0.5 mV/m 50%
SCALE 1:20,000,000

CATHOLIC COMMUNITY RADIO, INC.

WQNO, NEW ORLEANS, LOUISIANA

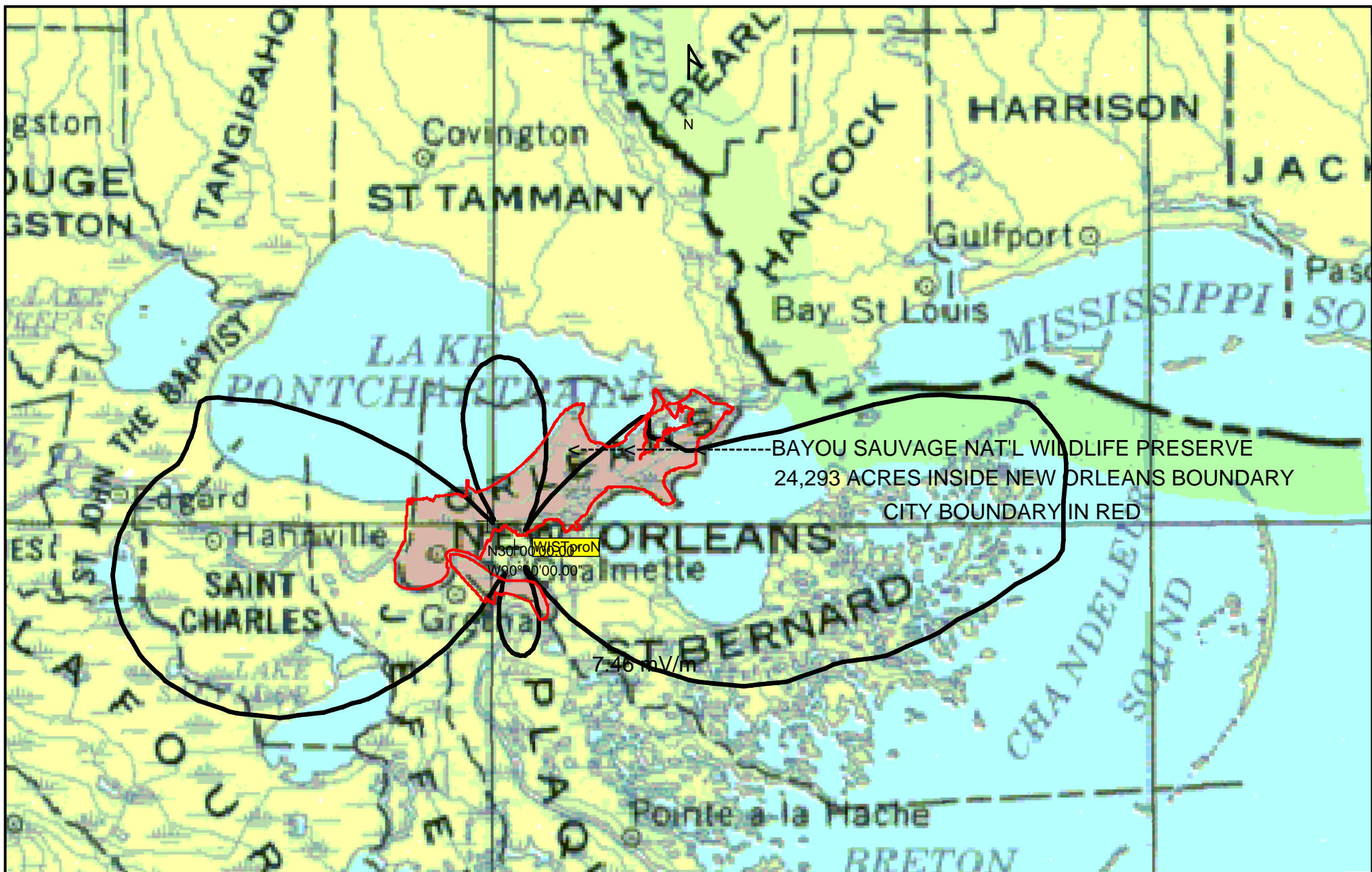
DERIVATION OF INCOMING INTERFERENCE LIMIT

Point: WIST

Frequency: 690 kHz

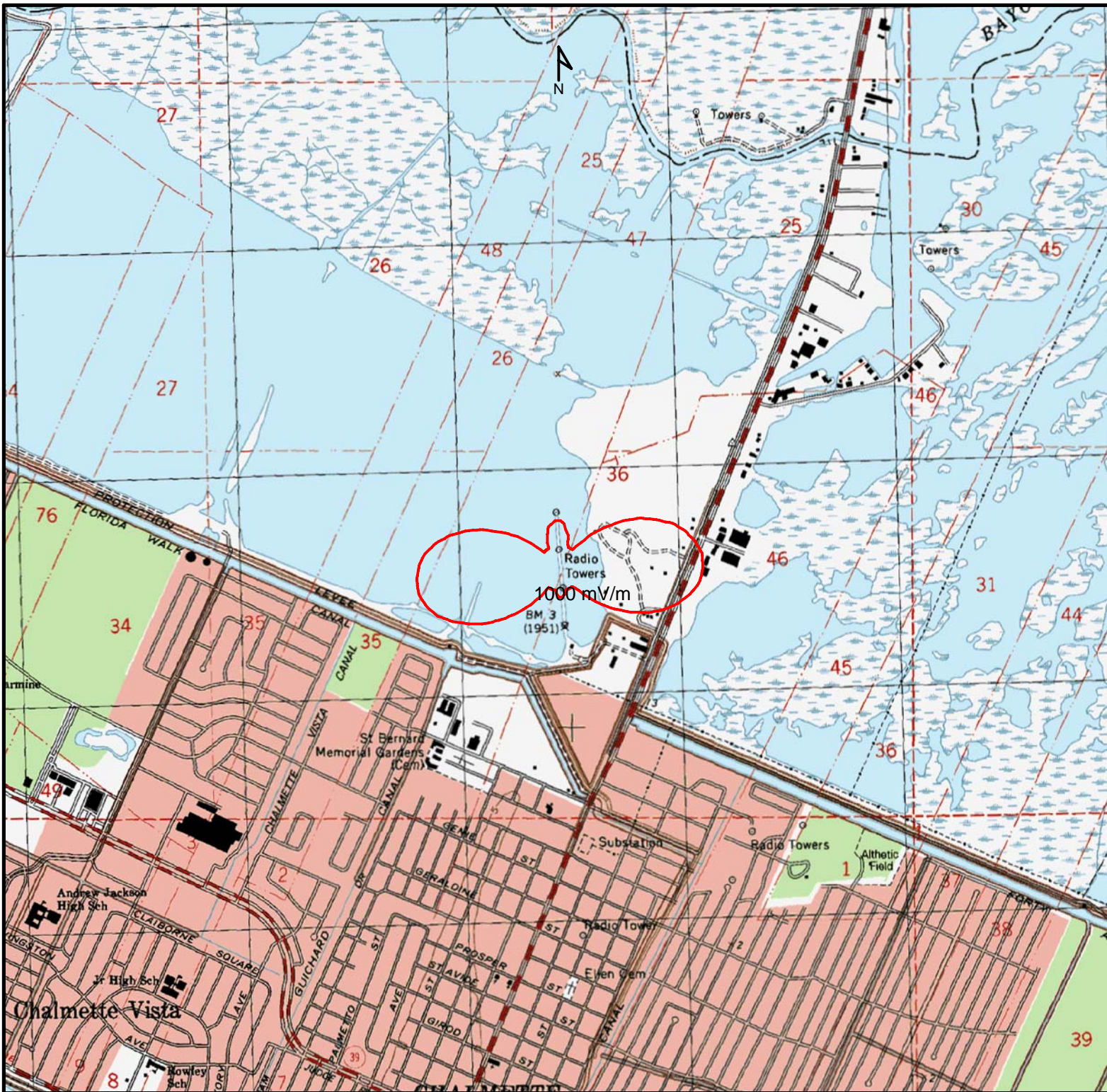
Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
KGGF	947.7	145.8	6.5	544.2	49.286	5.3640	5.3640
WJOX	482.3	217.4	15.5	148.0	127.381	3.7710	6.5569
XEN	1500.7	36.3	2.1	618.1	28.810	3.5616	7.4618
XEAFA	1396.9	18.0	2.7	461.7	32.613	3.0112	
WMFS *	584.6	179.2	12.5	1409.6	99.443	2.8034	
WCNN *	696.9	231.9	10.1	1538.2	78.400	2.4119	

* - indicates an adjacent channel station.



CITY OF NEW ORLEANS AND THE 7.46 mV/m NIF CONTOUR

Scale 1:750,000
City Boundary in Red



AMW™:

Reference Grid (spacing: _____)

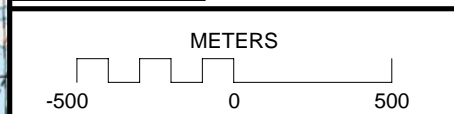
Study Grid Boundary _____

Field strength at remote

■ = 1000.000 mV/m

Display threshold level: -120.0 dBmW

C:\AMW4.2\

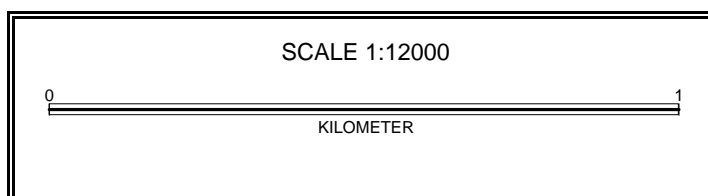


TOPOGRAPHIC SITE MAP

WITH NIGHTTIME 1 VOLT CONTOUR

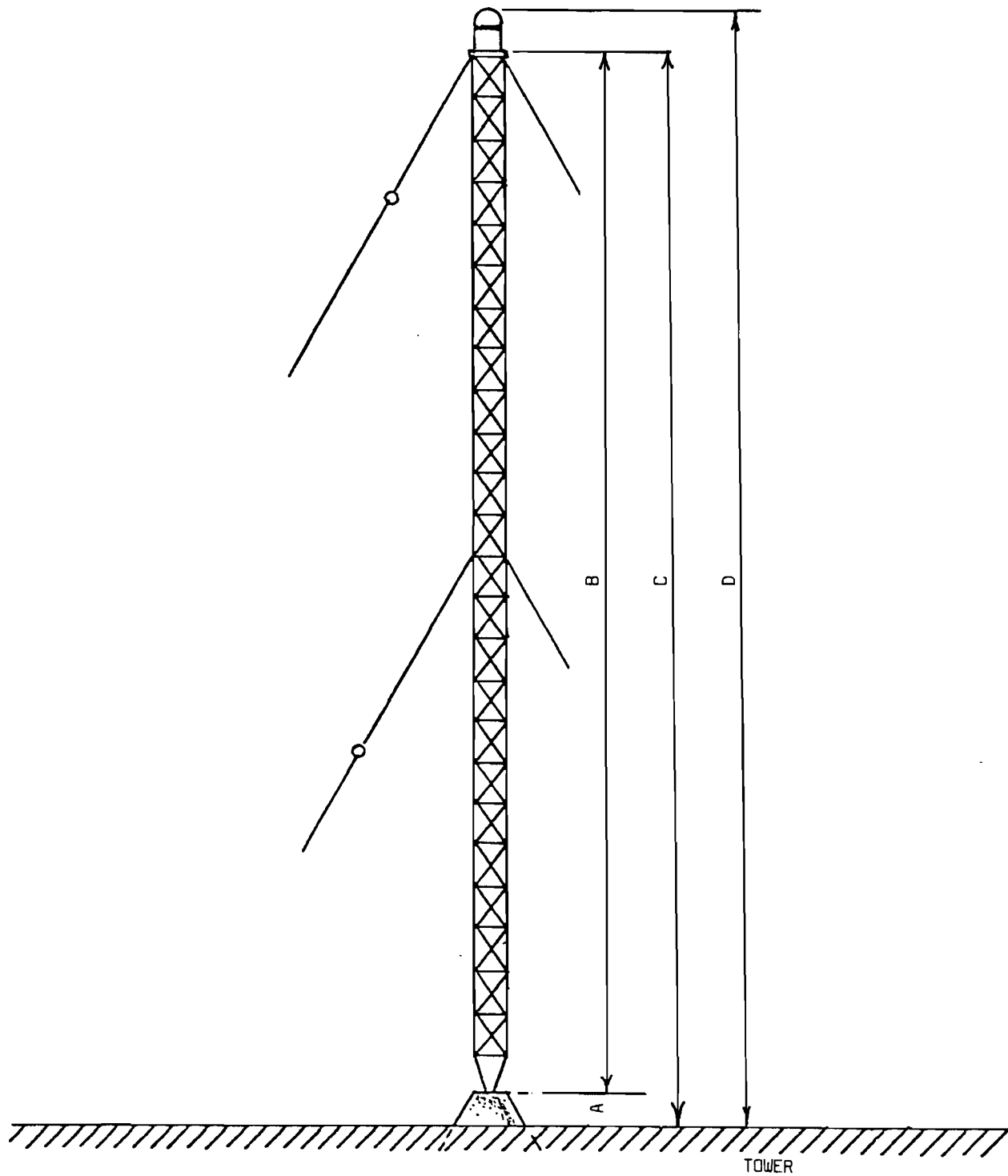
SCALE 1:24,000

WQNO TRANSMITTER SITE



TOWER 2 IS AUTHORIZED
IN CURRENT DAYTIME CP.

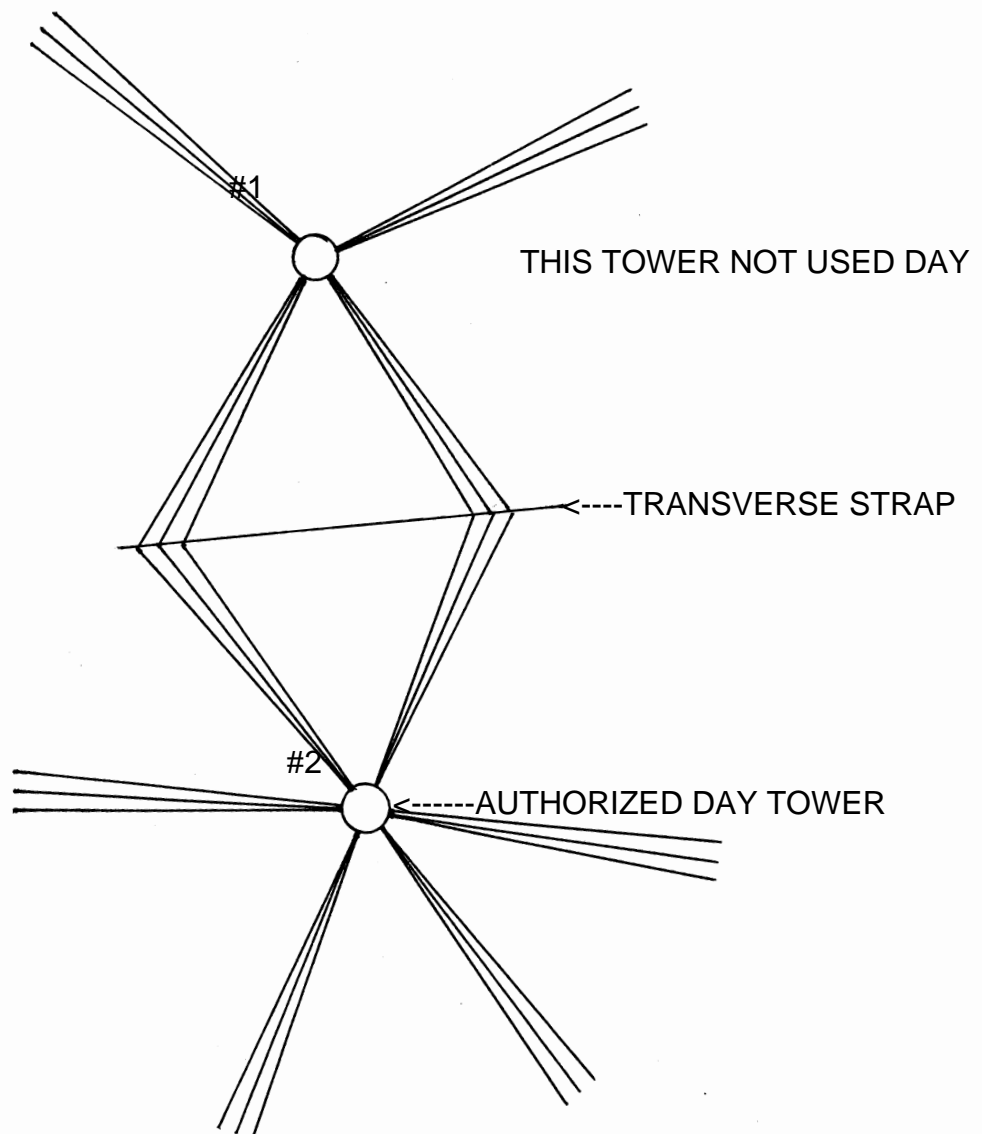
WQNO TOWER ELEVATIONS



DIMENSION	DESCRIPTION	TOWER				
		1	2	3	4	5
A	FOUNDATION	1.2	1.2			
B	TOWER STEEL	69.5	69.5			
C	TOTAL LESS BEACON	70.7	70.7			
D	TOTAL WITH BEACON					

Drawing is not to scale.

WQNO GROUND SYSTEM



The system consists of 120 #10 soft-drawn copper wires evenly spaced 108 meters long except where truncated in a transverse strap.