

WIST, NEW ORLEANS, LOUISIANA
MODIFICATION APPLICATION JANUARY 2012

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WIST, NEW ORLEANS, LOUISIANA

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ENGINEERING NARRATIVE

GENERAL

The purpose of this application is to change the status of WIST from class B to class D by reducing the night power to 106 watts and changing the antenna to non-directional using the tower that is authorized for daytime operation (BP-20100609AGJ). This form contains the authorized WIST daytime parameters, however, it is not intended to affect the pending daytime construction permit. WTIIX, Inc. is requesting deletion of its separate nighttime application (BP-20070925AGL).

This change in antenna system and class is necessitated by the severe damage to the towers by Hurricane Katrina. Replacement of the four towers is financially not feasible. It appears that the so called "ratchet" rule is not applicable in this case because the change is involuntary; however, if it is applicable, a waiver is requested based on the aforementioned circumstance.

The following relevant figures from the application for the current daytime authorization are attached:

Figure 8 is the topographic site map showing the location of the single daytime tower and the daytime 1 volt contour. This is the same tower that is proposed in this application. The night 1 volt contour will extend approximately 100 meters and it is well within the daytime contour. It is not shown on the map. It appears that the number of persons residing inside the one volt contour is zero. As noted in the daytime application, the new tower will be constructed over the existing foundation of the southern most tower, and the remaining three towers of the old antenna system were either destroyed by Hurricane Katrina, or will be dismantled.

Figure 9 is the aerial photograph.

Figure 10 is a sketch of the ground system. The tower shown as the "Proposed Day Tower" is the tower proposed in this application. The radial length is 0.248 wavelength plus additional where truncated in the ground system of the adjacent tower. Although the adjacent tower will be removed, the ground system will remain.

Figure 11 is the tower sketch. Tower number 1 represents the single tower to be used for both day and night. Tower number two is no longer applicable as the day and night facility will be non-directional.

The environmental matter as related to the tower is discussed in Exhibit 19. The placement of the tower fence has been addressed for the 9.1 kilowatt daytime facility which is adequate for this proposed 0.106 kilowatt nighttime operation.

INTERFERENCE

Contributions from the licensed WIST nighttime facility are used in determining whether or not the proposed facility enters the limit of a protected station. This is based on consultation with a member of the Audio Services Division staff.

Attachments include a list of all protected stations that limit the radiation of this proposal to less than 2000 mV/m, and RSS files of relevant stations that require protection. Contributions of the licensed facility are shown as WISTlic, and contributions of the proposal are shown as WISTprop. In no case does the contribution of the proposal exceed the contribution of the present facility.

Foreign stations that might require protection and that might enter the limit of protected stations have been discussed with the International Division. The results of these discussions are shown in the attached Status of Foreign Stations. Selecting foreign contributors in accordance with that list shows that the proposal does not enter the limit of any station, even when the licensed facility is not used as a contributor.

There are five class A stations on 690 kilohertz. They are CINF, Montreal, CMEC, Santa Clara, XETRA, Tijuana, XETRA Rosarito and XETRA1, Tijuana. Contour maps are attached for each.

In the case of CINF, the proposed 0.025 mV/m contour does not exceed the licensed 0.025 mV/m, nor does it fall on Canadian soil.

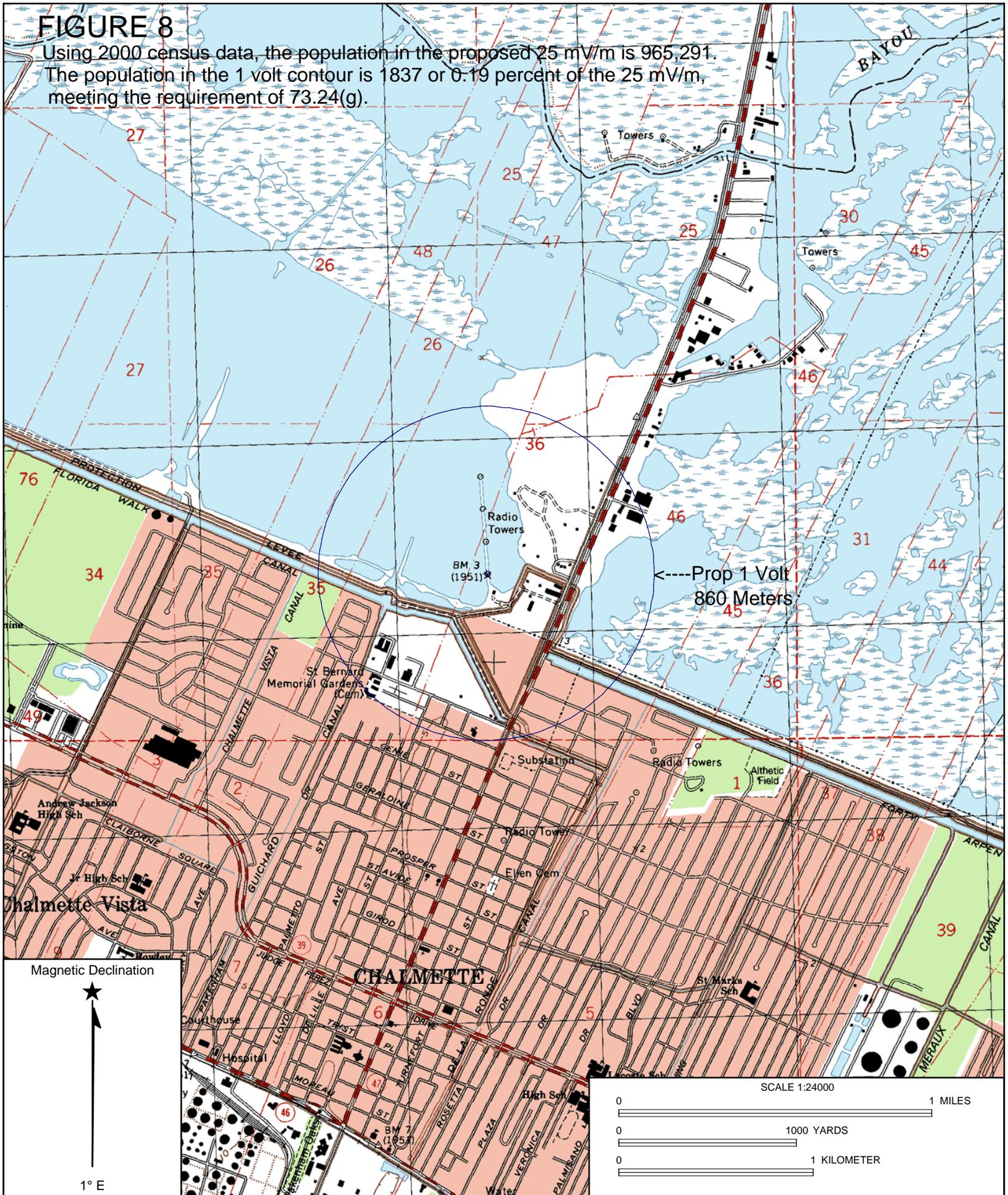
For CMEC, the proposed 0.025 mV/m is inside the 0.025 mV/m contour approved by the ITU for BP-20070925AGL under authorization BRIFIC 2668. It is also inside the licensed 0.025 mV/m.

In the case of all three Mexican class A station, there is no overlap between the proposed 0.025 mV/m contour and the protected 0.5 mV/m contours.

On all contour maps, the protected contour is the 0.5 mV/m 50 percent skywave, and all interfering contours are 0.025 mV/m 10 percent skywave.

FIGURE 8

Using 2000 census data, the population in the proposed 25 mV/m is 965,291. The population in the 1 volt contour is 1837 or 0.19 percent of the 25 mV/m, meeting the requirement of 73.24(g).



Name: CHALMETTE
 Date: 1/31/2010
 Scale: 1 inch equals 2000 feet

Location: 029° 57' 39.78" N 089° 57' 27.93" W NAD27
 Caption: The proposed 1 volt contour and daytime tower at 29-57-44 North and 89-57-31 West.

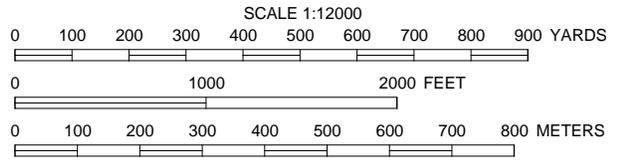
FIGURE 9



Magnetic Declination



1° E

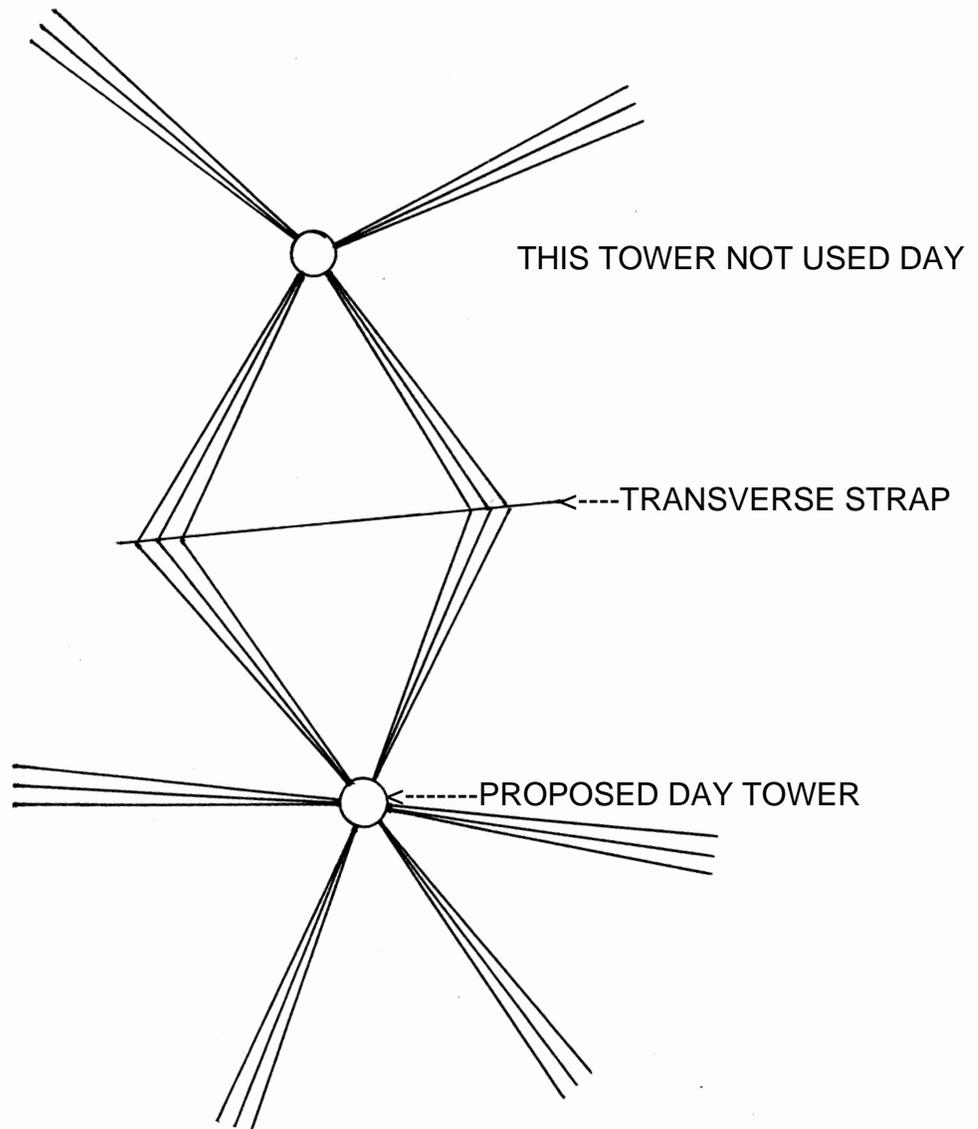


Name: CHALMETTE NW, LA
Date: 1/31/2010
Scale: 1 inch equals 1000 feet

Location: 029° 57' 44.88" N 089° 57' 28.94" W NAD27
Caption: The proposed 1 volt contour and daytime tower at 29-57-44 North and 89-57-31 West.

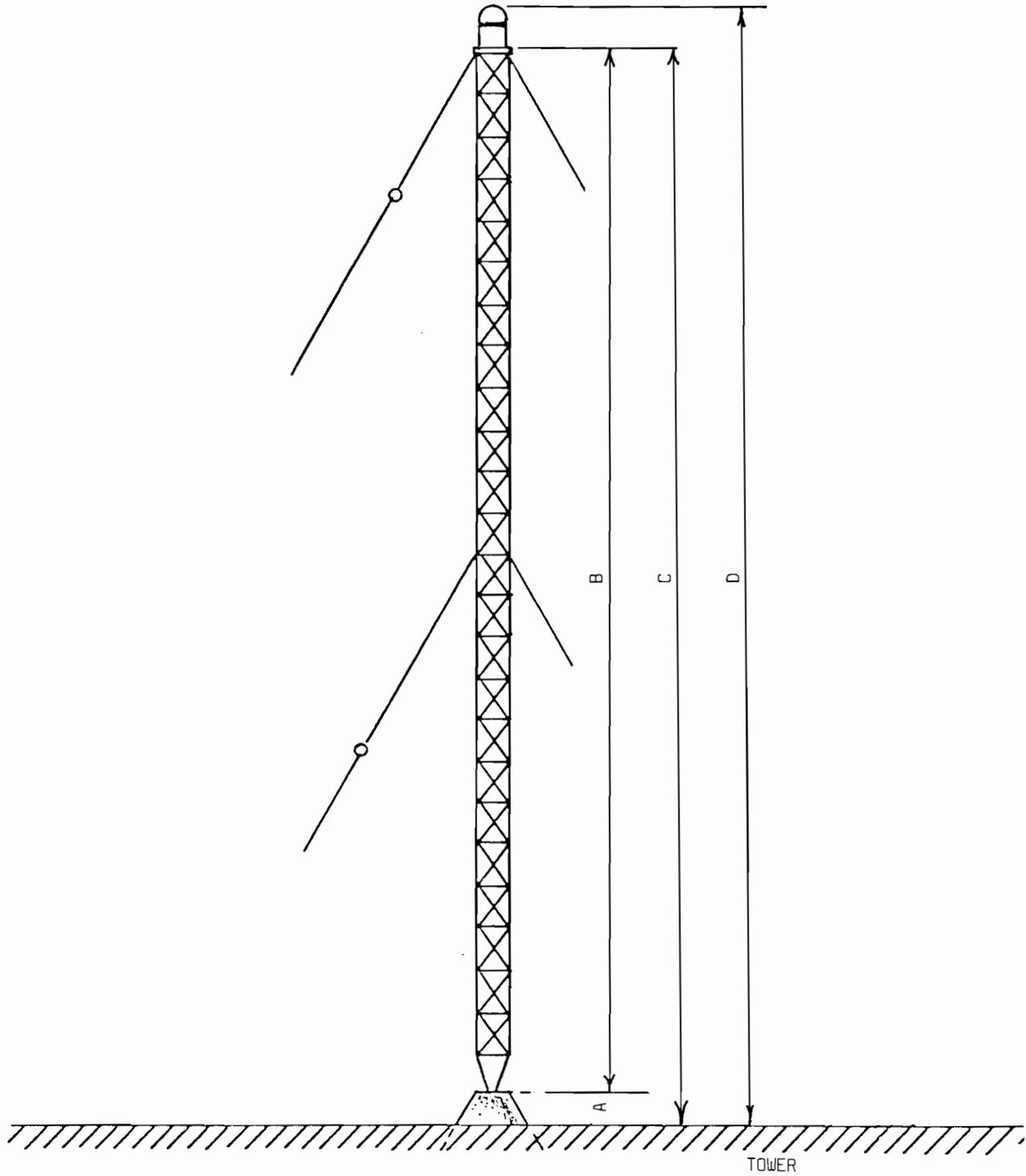
FIGURE 10

WIST(AM) GROUND SYSTEM



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

WIST, NEW ORLEANS, LA



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	71.5	71.5			

Drawing is not to scale.
Towers will be self-supporting.

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PROTECTED NIGHTTIME STATIONS WITH RADIATION LIMITS BELOW 2000 mV/m

Point	Distance (km)	Bearing (degs)	Theta Min. (degs)	Theta Max. (degs)	RSS Limit (mV/m)	Reqd. Prot. (mV/m)	Skywv. Mult. (uV/m)	Allowed Radiation (mV/m @ 1 km)
HIAW	2399.3	117.6	0.0	0.0	0.63	0.30	2.55	593.4
XEAFA	1396.8	199.8	4.7	4.7	13.86	6.93	32.11	1079.0
XEN	1500.7	220.1	3.9	3.9	12.17	6.09	26.33	1155.6
XEME	1035.7	169.8	8.1	8.1	12.67	6.34	60.53	523.4
XEME	1035.7	169.8	8.1	8.1	12.67	6.34	60.53	523.4
#CMEC	1305.8	127.5	5.4	5.4	2.38	0.60	15.16	
XEMA	1486.3	242.3	4.0	4.0	21.55	10.33	27.06	1909.2
XEMA1	1486.6	242.4	4.0	4.0	21.56	10.35	27.05	1912.7
XERG	1119.5	247.1	7.2	7.2	16.89	8.45	52.93	798.0
WOKV	771.8	85.2	8.8	15.5	19.39	4.78	68.49	348.7
KTSM	1577.3	282.3	1.7	5.1	11.35	2.77	22.45	616.0
KPET	1176.8	288.1	4.3	8.8	21.86	5.47	36.13	756.3
#XETRA	2587.6	283.1	0.0	0.0	2.63	0.66	5.17	
#XETRA1	2582.5	282.7	0.0	0.0	2.63	0.66	5.20	
#XETRA	2582.5	282.7	0.0	0.0	2.63	0.66	5.20	
WJOX	482.3	35.8	15.5	25.3	10.29	2.57	127.37	101.0
NEW	2101.1	291.8	0.0	1.7	5.83	1.46	13.06	558.0
KGGF	947.7	328.9	6.5	12.0	6.99	1.75	49.28	177.4
NEW	1579.8	338.0	1.6	5.0	5.32	1.33	19.50	341.1
NEW	1579.3	338.0	1.6	5.0	5.32	1.33	19.52	341.0
NEW	1615.1	340.5	1.5	4.8	5.45	1.33	18.53	358.4
NEW	1762.1	334.0	0.7	3.7	5.05	1.26	15.67	403.1
#CINF	2224.8	35.1	0.0	0.0	0.65	0.16	7.74	
CBKF	2610.2	332.6	0.0	0.0	3.04	1.52	5.06	1502.1
KSEV *	542.8	274.1	13.6	22.5	14.25	35.63	110.03	1619.2

Indicates a class A station. Contour maps attached.

* Indicates an adjacent channel station.

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RSS FILES OF PROTECTED STATIONS WITH RADIATION LIMITS BELOW 2000 mV/m

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
WISTlic	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
CINF	3012.9	172.0	0.0	943.0	1.417	0.2672	
WJOX	2376.7	130.2	0.0	395.7	2.604	0.2061	
XEAFA	2590.7	85.1	0.0	463.0	2.053	0.1901	

Point: XEAFA 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)
XEN	517.3	105.0	19.2	567.0	122.187	13.8563	13.8563
HRNN9A	781.8	290.3	12.0	297.9	88.563	5.2758	
XEXL1	776.0	101.0	12.1	185.9	89.261	3.3191	
XECS	1048.7	94.6	8.0	277.4	59.276	3.2885	

Point: XEN 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)
XEAFA	517.3	286.5	19.2	428.8	122.187	10.4781	10.4781
XECS	543.2	86.3	18.2	261.3	118.454	6.1904	12.1701
XEXL1	261.1	94.7	35.7	144.3	189.658	5.4738	
XETRA1	2292.9	124.6	0.0	3381.4	7.079	4.7877	
XERG	712.2	170.5	13.4	240.5	97.603	4.6953	

Point: XEME 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)
XEAFA	716.6	64.1	13.3	445.7	96.986	8.6459	8.6459
HRNN9A	565.1	352.2	17.5	287.3	115.628	6.6450	10.9045
WISTlic	1035.7	169.8	8.1	533.3	60.531	6.4565	12.6726
XEN	1152.4	80.1	6.8	611.9	49.800	6.0948	
WJOX	1413.9	185.5	4.5	294.5	31.078	1.8305	
XERG	1344.3	111.3	5.1	247.6	35.453	1.7557	

RSS FILES OF STATIONS WITH RADIATION LIMITS BELOW 2000 mV/m...(CONTINUED)

Point: XEME 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)
XEAFA	716.6	64.1	13.3	445.7	96.986	8.6459	8.6459
HRNN9A	565.1	352.2	17.5	287.3	115.628	6.6450	10.9045
WISTlic	1035.7	169.8	8.1	533.3	60.531	6.4565	12.6726
XEN	1152.4	80.1	6.8	611.9	49.800	6.0948	
WJOX	1413.9	185.5	4.5	294.5	31.078	1.8305	
XERG	1344.3	111.3	5.1	247.6	35.453	1.7557	

Point: CMEC 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)
HRNN9A	1087.7	45.8	7.5	303.7	22.259	1.3520	1.3520
HIAW	1134.8	294.5	7.0	305.7	20.478	1.2520	1.8427
WJOX	1404.7	148.9	4.6	381.4	12.592	0.9605	2.0780
WISTlic	1305.8	127.5	5.4	275.9	15.165	0.8369	2.2402
XEAFA	1587.8	69.8	3.3	461.4	8.797	0.8117	2.3827
XEN	2025.8	76.8	0.8	619.1	3.996	0.4948	
WOKV	898.7	166.5	10.0	57.9	29.949	0.3467	
CINF	2614.0	194.5	0.0	839.6	2.005	0.3367	

Point: XEMA 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)
KTSM	1041.2	159.7	8.1	1124.4	59.999	13.4922	13.4922
XEN	570.6	318.5	17.3	576.1	114.955	13.2455	18.9073
XETRA1	1726.5	122.6	2.4	3102.4	16.654	10.3334	21.5468
XECS	475.7	18.5	20.9	255.4	128.563	6.5669	
XERG	382.2	223.5	25.8	220.1	147.750	6.5030	
WISTlic	1486.3	242.3	4.0	1026.7	27.062	5.5569	

Point: XEMA1 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)
KTSM	1040.9	159.7	8.1	1125.3	60.034	13.5116	13.5116
XEN	571.1	318.5	17.3	576.2	114.893	13.2403	18.9174
XETRA1	1726.0	122.6	2.4	3103.1	16.671	10.3461	21.5618
XECS	475.8	18.4	20.9	255.4	128.557	6.5667	
XERG	382.3	223.6	25.7	220.1	147.703	6.5017	
WISTlic	1486.6	242.4	4.0	1027.3	27.046	5.5569	

RSS FILES OF STATIONS WITH RADIATION LIMITS BELOW 2000 mV/m...(CONTINUED)

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)
WISTlic	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
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	
KTSM	919.3	138.2	9.7	296.3	72.838	4.3165	

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)
WISTlic	771.8	85.2	8.8	1260.6	68.490	17.2671	17.2671
WJOX	585.8	125.3	12.5	373.6	99.290	7.4180	18.7931
WPTF *	677.9	206.8	10.5	2962.5	80.616	4.7765	19.3906
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	
KGGF	1462.4	117.4	6.0	499.6	23.840	2.3820	

* - 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
WISTlic	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
XERG	919.3	321.2	6.8	246.4	56.111	2.7657	11.3506
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	
XEMA	1041.2	341.3	5.5	151.4	48.387	1.4655	

* - 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
WISTlic	1176.8	288.1	4.9	552.7	36.135	3.9947	
XEN	1512.8	349.9	2.0	618.2	27.931	3.4533	
XERG	800.9	348.6	8.4	245.4	67.373	3.3068	

RSS FILES OF STATIONS WITH RADIATION LIMITS BELOW 2000 mV/m...(CONTINUED)

Point: XETRA Frequency: 690 kHz

CLASS A STATION - CONTOUR MAP ATTACHED

Point: XETRA1 Frequency: 690 kHz

CLASS A STATION - CONTOUR MAP ATTACHED.

Point: XETRA Frequency: 690 kHz

CLASS A STATION. CONTOUR MAP ATTACHED.

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
WISTlic	482.3	35.8	20.1	162.7	127.370	4.1453	7.3748
WLW *	696.1	200.3	10.1	2492.1	74.668	3.7215	8.2606
WMFS *	347.7	123.6	21.7	967.5	184.492	3.5698	8.9989
CINF	1742.5	225.0	3.9	1227.9	13.488	3.3123	9.5891
WOKV	585.8	307.9	20.9	134.0	99.290	2.6606	9.9514
WCNN *	252.4	257.7	29.1	521.7	250.190	2.6106	10.2881
WISTapp	482.3	35.8	15.5	88.7	127.381	2.2601	
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.

Point: NEW 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)
KALL *	631.2	176.8	11.4	2206.2	87.581	3.8644	3.8644
KTSM	602.4	308.3	20.3	137.7	95.989	2.6443	4.6825
KGGF	1456.9	266.4	2.4	511.7	23.431	2.3978	5.2607
XEN	2146.9	327.9	0.0	619.7	15.181	1.8814	5.5870
XETRA1	601.0	55.8	12.1	86.3	96.414	1.6648	5.8298
KPET	929.8	290.1	6.7	140.2	51.454	1.4432	
XERG	1516.2	317.2	2.0	248.3	24.779	1.2307	
CINF	3367.0	263.8	0.0	2186.2	2.775	1.2132	

* - indicates an adjacent channel station.

RSS FILES OF STATIONS WITH RADIATION LIMITS BELOW 2000 mV/m...(CONTINUED)

Point: KGGF 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)
KFEQ *	303.9	191.3	24.7	1241.0	208.270	5.1691	5.1691
CINF	2028.9	250.8	0.0	1866.3	8.601	3.2104	6.0849
WLW *	1003.5	259.4	5.9	2605.1	40.396	2.1047	6.4386
XEN	2012.0	9.4	0.0	619.7	16.024	1.9860	6.7380
KPET	767.8	48.2	8.9	139.3	67.103	1.8701	6.9927
WJOX	877.9	300.3	7.3	136.7	53.891	1.4731	
KTSM	1149.0	57.0	9.2	202.0	36.188	1.4623	
XERG	1355.1	18.3	3.0	248.1	28.857	1.4320	

* - indicates an adjacent channel station.

Point: NEW 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)
CINF	1883.7	270.1	0.1	2319.6	7.790	3.6137	3.6137
CBKF	1047.5	133.7	10.1	418.6	26.841	2.2469	4.2553
KFEQ *	399.2	331.3	30.0	683.4	147.857	2.0210	4.7108
KGGF	661.4	348.0	18.4	129.0	76.210	1.9666	5.1049
WLW *	1145.4	294.6	4.6	2632.7	28.626	1.5073	5.3227
XEN	2632.6	3.6	0.0	619.7	8.898	1.1028	
KTSM	1464.0	30.9	2.3	201.6	22.367	0.9020	
KPET	1213.4	18.8	4.0	141.1	30.591	0.8631	

* - indicates an adjacent channel station.

Point: NEW 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)
CINF	1883.8	270.1	0.1	2319.2	7.791	3.6137	3.6137
CBKF	1048.0	133.7	10.1	418.7	26.821	2.2459	4.2548
KFEQ *	398.7	331.2	30.0	682.6	148.112	2.0220	4.7108
KGGF	660.8	348.0	18.4	129.1	76.317	1.9710	5.1065
WLW *	1145.2	294.6	4.6	2632.7	28.640	1.5080	5.3245
XEN	2632.0	3.6	0.0	619.7	8.903	1.1034	
KTSM	1463.6	30.9	2.3	201.6	22.380	0.9022	
KPET	1212.8	18.8	4.0	141.1	30.616	0.8638	

* - indicates an adjacent channel station.

RSS FILES OF STATIONS WITH RADIATION LIMITS BELOW 2000 mV/m...(CONTINUED)

Point: NEW 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)
CINF	1822.3	271.5	0.4	2347.1	8.180	3.8400	3.8400
KFEQ *	434.1	340.7	17.4	966.8	132.218	2.5567	4.6133
CBKF	1033.0	129.5	10.7	384.6	26.941	2.0726	5.0575
WLW *	1119.6	298.3	4.8	2630.7	29.433	1.5486	5.2892
KGGF	712.6	352.8	16.9	98.4	67.502	1.3287	5.4535
XEN	2697.4	4.5	0.0	619.7	8.421	1.0437	
KTSM	1540.8	30.9	1.9	201.7	20.172	0.8138	
KPET	1287.4	19.7	3.5	141.1	27.324	0.7713	

* - indicates an adjacent channel station.

Point: NEW 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)
CBKF	849.7	138.9	9.7	450.0	39.119	3.5206	3.5206
CINF	2039.9	274.5	0.0	2402.6	6.110	2.9359	4.5841
KGGF	822.6	336.8	14.3	198.2	53.709	2.1292	5.0545
WLW *	1356.2	296.7	3.0	2647.0	20.345	1.0771	
XEN	2729.6	359.3	0.0	619.7	8.219	1.0186	
KTSM	1452.9	22.3	2.4	224.2	22.471	1.0075	

* - indicates an adjacent channel station.

Point: CINF Frequency: 690 kHz

CLASS A STATION. CONTOUR MAP ATTACHED.

Point: CBKF 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)
CINF	2484.5	293.4	0.0	2623.6	5.788	3.0374	3.0374
XETRA1	2139.9	21.0	0.3	603.1	8.621	1.0398	
KGGF	1665.6	331.6	2.8	227.4	18.784	0.8543	
KTSM	1990.3	359.8	1.0	170.7	10.565	0.3606	

RSS FILES OF STATIONS WITH RADIATION LIMITS BELOW 2000 mV/m...(CONTINUED)

Point: KSEV Frequency: 700 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (mV/m)	SW Mult. (uV/m)	IF Level (mV/m)	RSS (mV/m)
WLW	1445.6	228.7	2.4	2652.2	23.816	12.6333	12.6333
KEEL *	321.4	211.2	23.4	1228.0	199.325	4.8954	13.5487
TGHR	1801.8	344.0	0.5	978.0	22.617	4.4240	14.2526
YVMH	3296.2	314.8	0.0	2188.1	8.130	3.5578	
YNSC	2216.1	335.8	0.0	978.6	16.452	3.2199	
HRKL	1987.1	335.8	0.0	692.0	19.317	2.6735	

* - indicates an adjacent channel station.

WIST – NEW ORLEANS

MODIFICATION APPLICATION JANUARY 2012

STATUS OF FOREIGN STATIONS

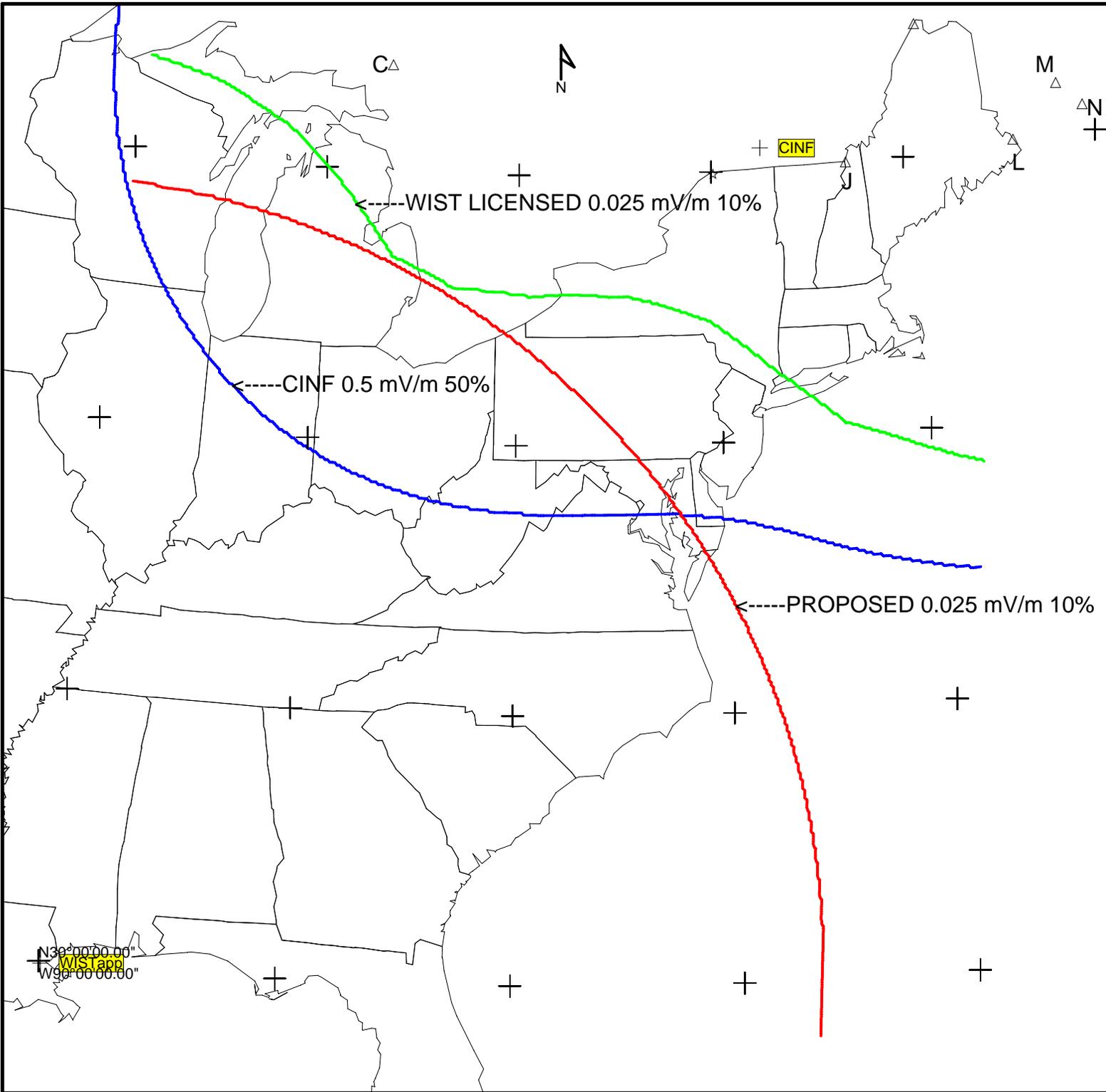
The following information was obtained from the International Division:

<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

WIST – NEW ORLEANS

STATUS 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



AMW™: WISTnite.am

Prop. method: USA-Canada bilateral agreement
 Ground conduct. map type: US M3
 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

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

Sites

Call sign: CINP Power: 50.000 kW
 Pattern: DA-U Frequency: 690 kHz
 Coordinates: N45°23'34.00" W73°41'55.00"

Call sign: WISTapp Power: 0.106 kW
 Pattern: ND-D Frequency: 690 kHz
 Coordinates: N29°57'44.00" W89°57'31.00"

C:\AMW4.2\MAPsUSand

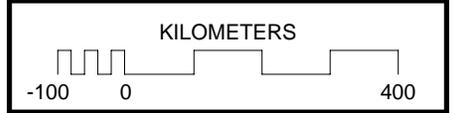
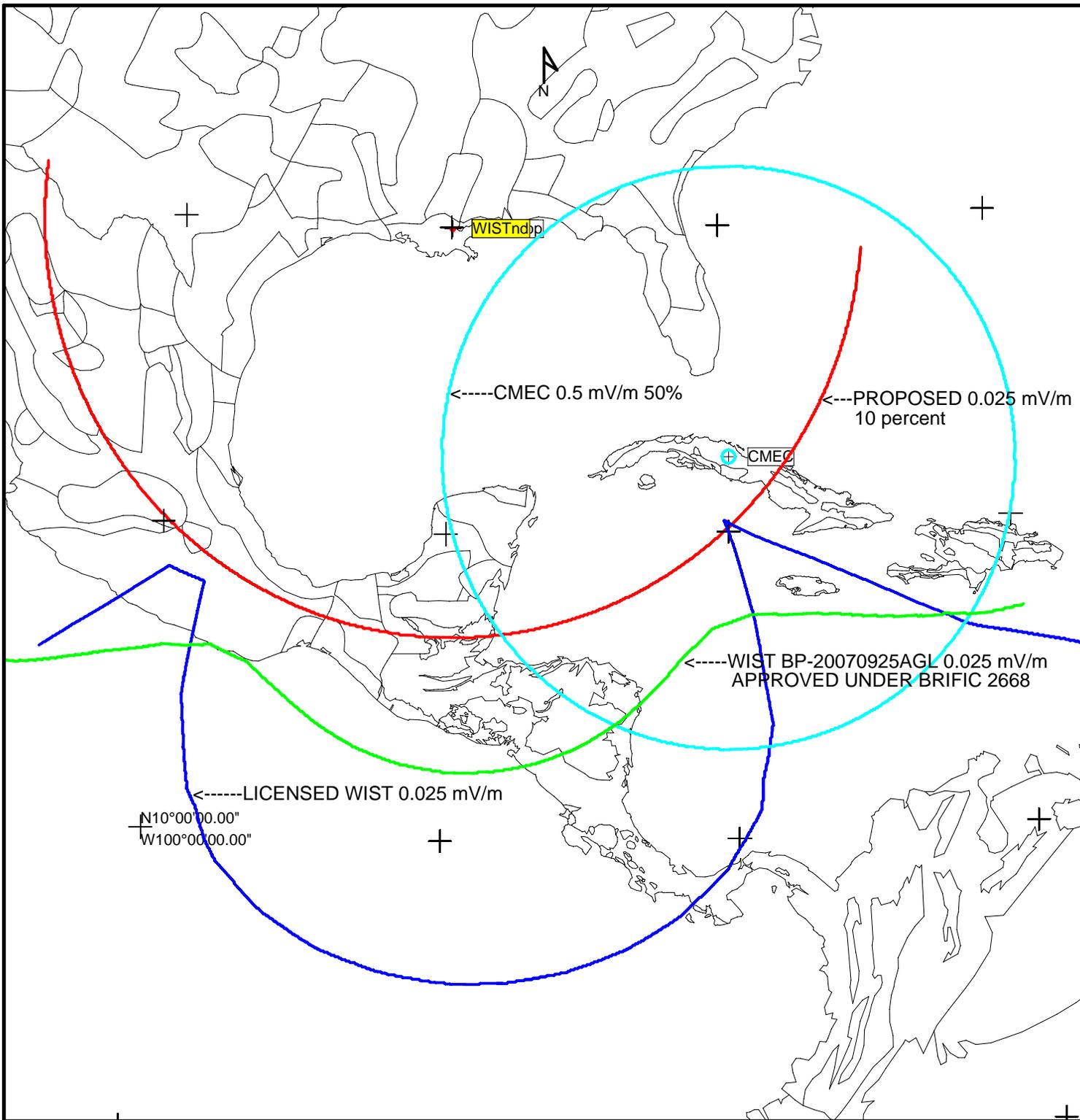


FIGURE 1
 LICENSED, PROPOSED AND CINP
 SCALE 1:11,000,000



AMW™: WASGNITE2.am

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

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

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

Reference Grid (spacing: 10 degrees)

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

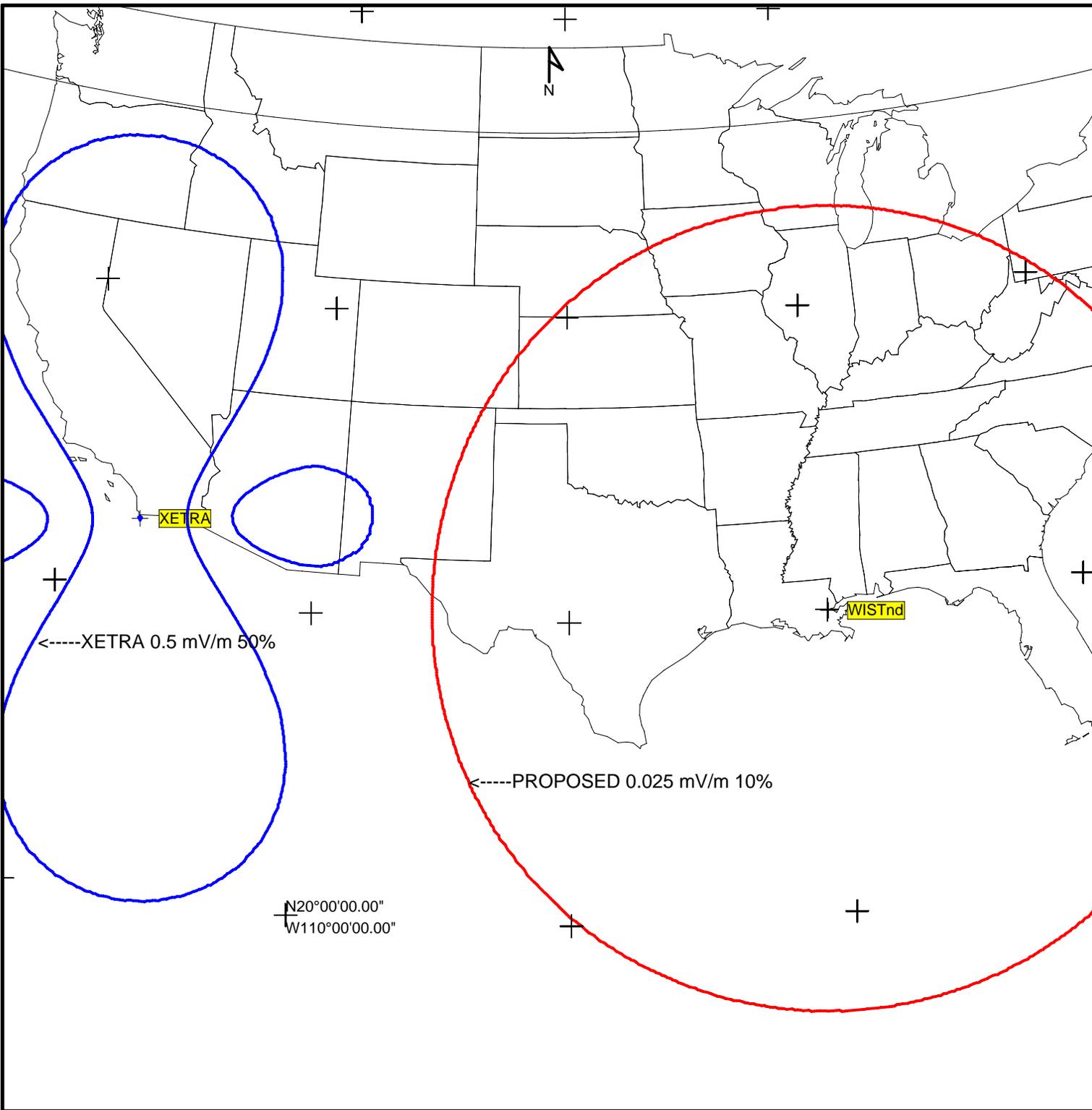
Study Grid Boundary

Sites
 Call sign: WISTnd Power: 0.106 kW
 Pattern: ND-U Frequency: 690 kHz
 Coordinates: N29°57'55.00" W89°57'32.00"

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KILOMETERS
 -500 0 500

FIGURE 2
 WIST LIC., AUTH., PROP. AND CMEC
 SCALE 1:20,000,000



AMW™: WISTnite2012XETRA.am

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

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

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

Sites
 Call sign: WISTnd Power: 0.106 kW
 Pattern: ND-U Frequency: 690 kHz
 Coordinates: N29°57'55.00" W89°57'32.00"

Call sign: XETRA Power: 50.000 kW
 Pattern: DA-U Frequency: 690 kHz
 Coordinates: N32°25'30.00" W117°05'15.00"

C:\AMW4.2\RegionIImap\Rg2
 C:\AMW4.2\MAPsUSandSTA

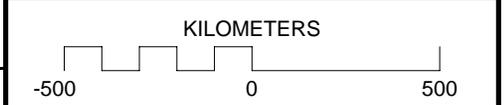
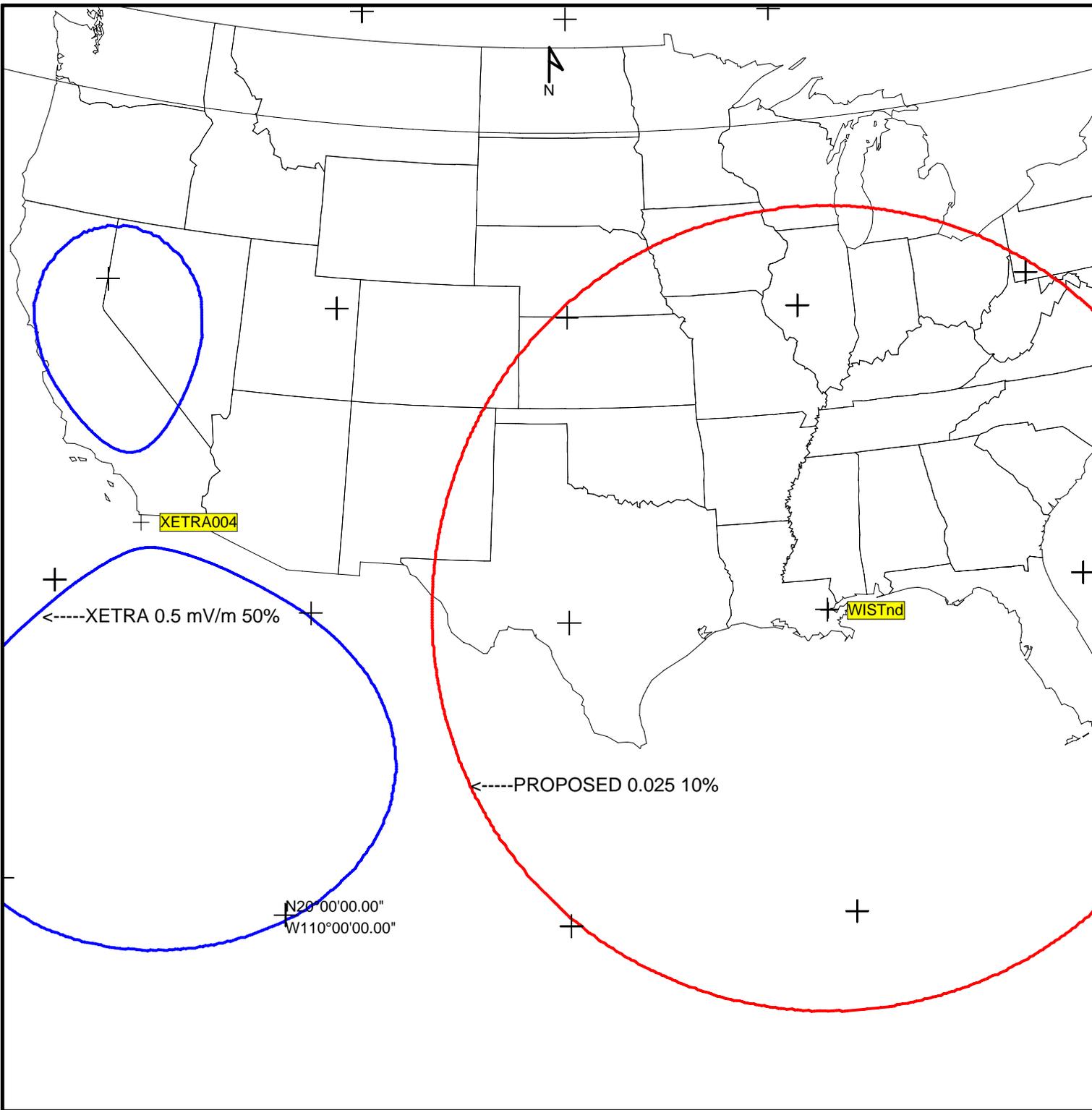


FIGURE 4
 XETRA, TIJUANA
 SCALE 1:20,000,000

N20°00'00.00"
 W110°00'00.00"

-----XETRA 0.5 mV/m 50%

-----PROPOSED 0.025 mV/m 10%



AMW™: WISTnite2012XETRA.am

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

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

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

Sites
 Call sign: WISTnd Power: 0.106 kW
 Pattern: ND-U Frequency: 690 kHz
 Coordinates: N29°57'55.00" W89°57'32.00"

Call sign: XETRA004 Power: 50.000 kW
 Pattern: DA-U Frequency: 690 kHz
 Coordinates: N32°17'52.00" W117°01'48.00"

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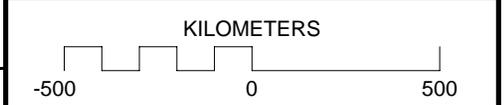


FIGURE 5
 XETRA, ROSARITO
 SCALE 1:20,000,000



AMW™: WISTnite2012XETRA.am

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

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

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

Sites

Call sign: WISTnd Power: 0.106 kW
 Pattern: ND-U Frequency: 690 kHz
 Coordinates: N29°57'55.00" W89°57'32.00"

Call sign: XETRA1 Power: 77.000 kW
 Pattern: DA-U Frequency: 690 kHz
 Coordinates: N32°17'52.00" W117°01'48.00"

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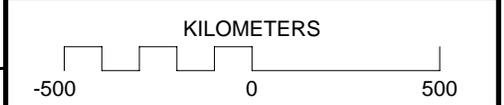


FIGURE 3
 XETRA1, TIJUANA
 SCALE 1:20,000,000