

EXHIBIT NO. 10

ENGINEERING EXHIBIT
APPLICATION FOR CONSTRUCTION PERMIT
SCA LICENSE CORPORATION
RADIO STATION WYLL
CHICAGO, ILLINOIS

October 15, 2002

1160 KHZ 50 KW DA-2 U

ENGINEERING EXHIBIT
APPLICATION FOR CONSTRUCTION PERMIT
SCA LICENSE CORPORATION
RADIO STATION WYLL
CHICAGO, ILLINOIS

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Table of Contents

	Engineering Statement
Figure 1	Proposed Transmitter Site Property With Ground System
Figure 2	Sketch of Antenna Elements
Figure 3	Specifications for Nighttime Directional Antenna System
Figure 4	Proposed Nighttime Standard Radiation Pattern
Figure 5	Tabulation of Proposed Nighttime Standard Radiation Pattern
Figure 6	Proposed Nighttime Coverage Contours
Figure 7	Nighttime Allocation Study
APPENDIX	Interference Reduction Agreement
Figure 1A	Existing and Proposed WYLL Nighttime NIF Coverage
Figure 2A	Existing and Proposed WHBY Nighttime NIF Coverage
Figure 3A	Maps Showing Reduction of Nighttime Interference to Pertinent Stations
Figure 4A	Tabulation of Populations Affected by the WYLL Proposal

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Engineering Statement

The engineering exhibit of which this statement is part has been prepared on behalf of SCA License Corporation, licensee of AM broadcast station WYLL Chicago, Illinois. Station WYLL is licensed for full time operation on 1160 kilohertz with daytime power of 50 kilowatts and nighttime power of 5 kilowatts, employing different directional antenna patterns daytime and nighttime. By means of this present application, the licensee proposes to increase nighttime power to 50 kilowatts with a directional antenna pattern at a new separate transmitter location. No change is proposed in the WYLL daytime operation.

The proposal is classified as a minor change according to 47 CFR 73.3571(a)(2). Additionally, the application is contingent on the grant of the application of WHBY Kimberly, Wisconsin, pursuant to the provisions of an interference reduction arrangement. The proposal is

acceptable for filing under the criteria set forth in 47 CFR 73.37, except for the existing operation of WHBY and a Canadian allotment, which will be discussed elsewhere in this statement. With respect to the Canadian allotment, waiver of 47 CFR 73.22 is requested with details of the waiver request presented elsewhere in the application.

The proposed facility will not have a significant environmental impact as defined by 47 CFR 1.1307. The Federal Aviation Administration will not be notified of the proposal as the proposed towers are less than 200 feet in height and there is no airport located within five miles of the proposed transmitter location.

Proposed Nighttime Transmitter Location

The proposed transmitter site is located on the north side of Bruce Road in the city of Lockport, Illinois. The geographic coordinates for the site as scaled from a *Mokena, ILL* 7-1/2 minute quadrangle map are:

41° 34' 18" North Latitude
87° 59' 39" West Longitude.

Directional Antenna System

A total of six towers will be employed for the nighttime directional antenna pattern. As indicated on Figure 2, the radiating elements for the towers are 59.4 meters (195 feet) in height and have an overall height of 60.7 meters (199 feet) above ground level. Figure 1 is a plat of the transmitter site showing the proposed ground

system. A summary of specifications for the nighttime directional antenna array is included herein as Figure 3.

The directional antenna pattern was calculated in accordance with 47 CFR 73.150 assuming a one-ohm lumped loss resistance at the current loop of each tower in the array. The nighttime standard radiation pattern is shown herein as Figure 4 and is tabulated in Figure 5.

The provisions of 47 CFR 73.24(g) require that the population within the 1,000 mV/m contour not exceed 1 percent of the population within the 25 mV/m groundwave contour. At the proposed location the 1,000 mV/m contour encompasses 1,529 persons or 0.07 percent of the 2,254,288 persons within the 25 mV/m contour.

Nighttime Coverage

The proposed WYLL nighttime field strength contours are depicted on Figure 6. As indicated on Sheet 2 of Figure 6, the proposed 5.5 mV/m nighttime interference-free (NIF) contour will completely encompass the city limits of Chicago. The existing WYLL NIF provides service to 88.2 percent of the city. The Chicago city limits depicted were determined from information contained in the 2000 U.S. census TIGER files.

Nighttime Allocation Study

A nighttime allocation study was conducted as shown on the ten sheets of Figure 7. The nighttime

proposal adequately protects all pertinent stations, except for Station WHBY Kimberly, Wisconsin, which operates on 1150 kHz. As part of an interference reduction agreement, Station WHBY has prepared a contingent application as discussed in the Appendix.

There is a vacant Canadian 1160 kHz allotment at Thunder Bay, Ontario, which the WYLL proposal would impact. It is understood that the FCC has sought Canadian concurrence to delete the allotment, as is discussed elsewhere in this application

Environmental Considerations

The proposed WYLL operation was evaluated in terms of both the electric and magnetic field components, which will be present at the base of each tower. Using Figures 1 through 4 of Supplement A to OET Bulletin 65, the worst-case interpolated distance at which the electric and magnetic fields would fall below ANSI guidelines is 4 meters. Accordingly, the areas surrounding the base of each tower will be appropriately restricted with a fence having a minimum radius of 4 meters (13 feet) unless data obtained after construction has been completed indicates otherwise. The fence will assure that persons on the property outside the fenced area will not be exposed to radiofrequency field levels in excess of those recommended by the ANSI. In addition, warning signs will be posted.

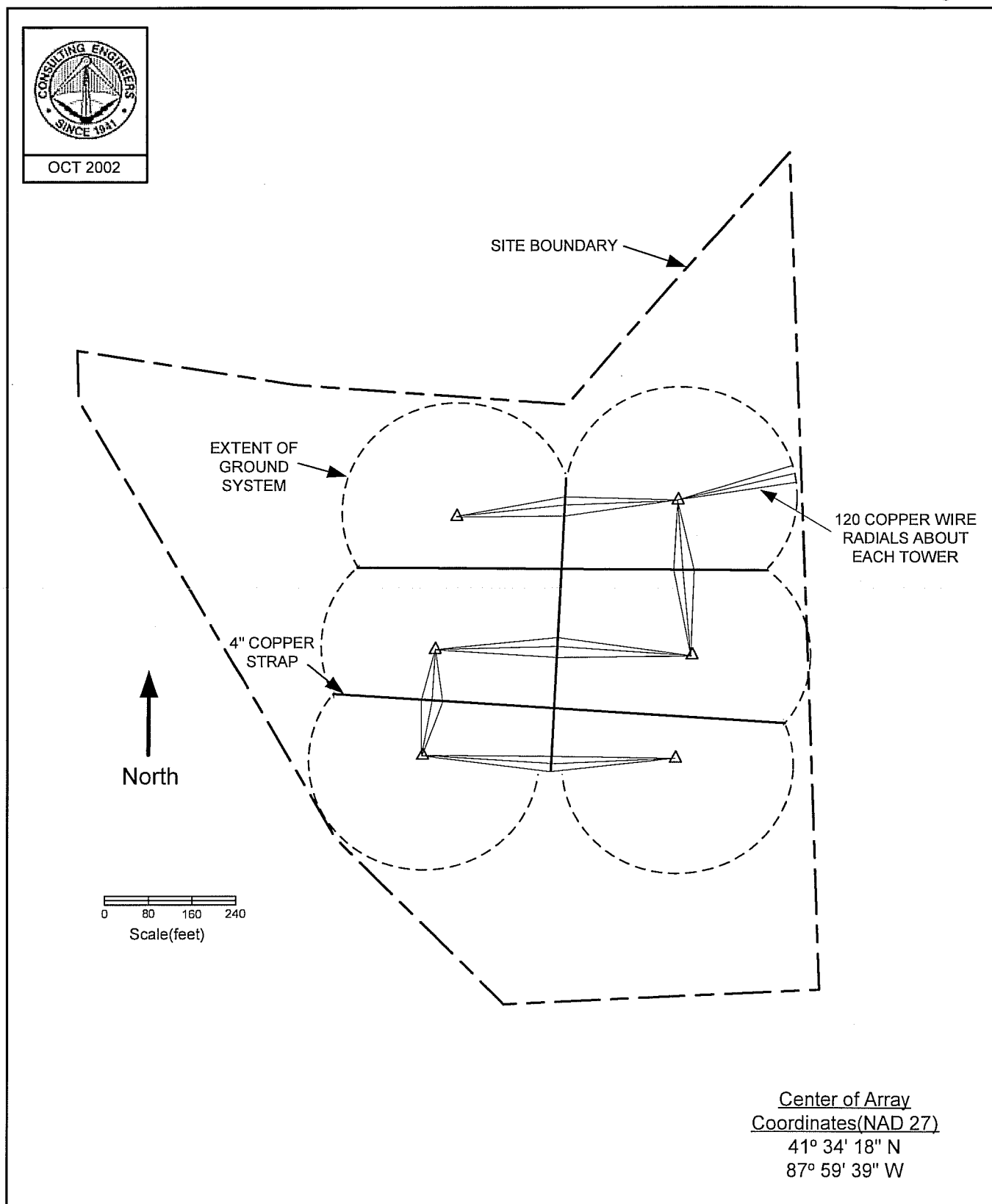
The proposed operation is categorically excluded from environmental processing, as it meets all the criteria for such exclusion as specified in 47 CFR 1.1306.

The proposal does not involve construction at a site location as specified under 47 CFR 1.1307(a)(1)-(7) and the human exposure to radiofrequency radiation is predicted to be within the standards specified in 47 CFR 1.1307(b).

A handwritten signature in cursive script, reading "Louis R. du Treil".

Louis R. du Treil, Sr.
du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 34237
(941) 329-6000

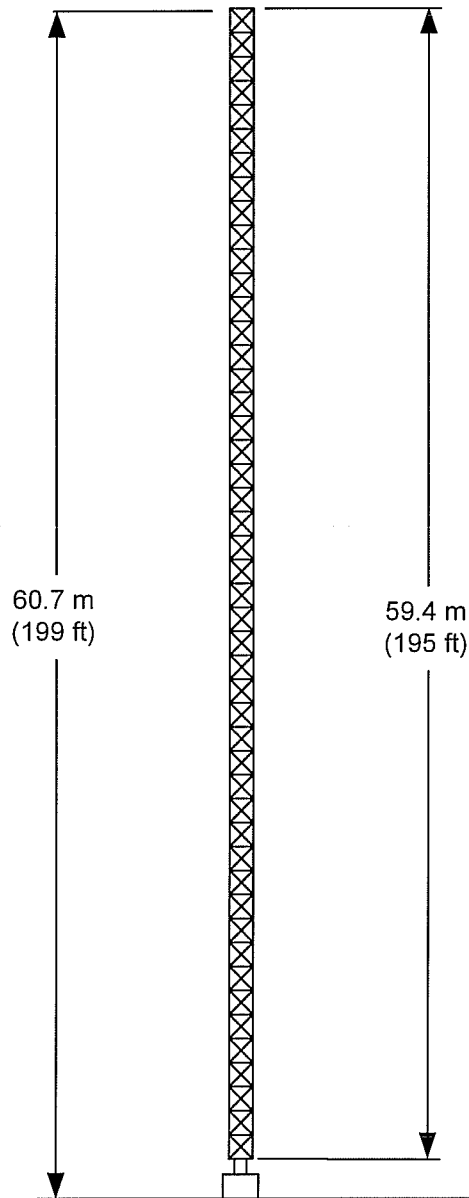
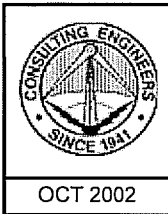
October 15, 2002



PLAT OF TRANSMITTER SITE

RADIO STATION WYLL
 CHICAGO, ILLINOIS
 1160 KHZ 50 KW DA-2 U

du Treil, Lundin & Rackley, Inc. Sarasota, Florida



Not To Scale

All Towers

Site Coordinates(NAD 27)

41° 34' 18" N
87° 59' 39" W

SKETCH OF ANTENNA ELEMENTS

RADIO STATION WYLL
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du Treil, Lundin & Rackley, Inc. Sarasota, Florida

TECHNICAL EXHIBIT
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Specifications for Nighttime
Directional Antenna System

Frequency: 1160 kHz

Hours of Operation: Unlimited

Power: 50 kW

Number of Towers: 6

Type of Tower: Guyed, Uniform Cross-section,
base-insulated

All Towers - height above
base insulator 59.4 m (195 ft)

All Towers - overall height 60.7 m (199 ft)

Tower Arrangement:

Tower No.	Spacing (deg.)/(m)	Orientation (deg. True)
1 (NW)	0.0/0.0	0.0
2 (CW)	100.2/72.0	190.4
3 (SW)	187.5/134.7	192.2
4 (NE)	176.1/126.5	86.1
5 (CE)	214.6/154.2	119.1
6 (SE)	245.7/176.5	135.8

Element Field Parameters:

Nighttime:

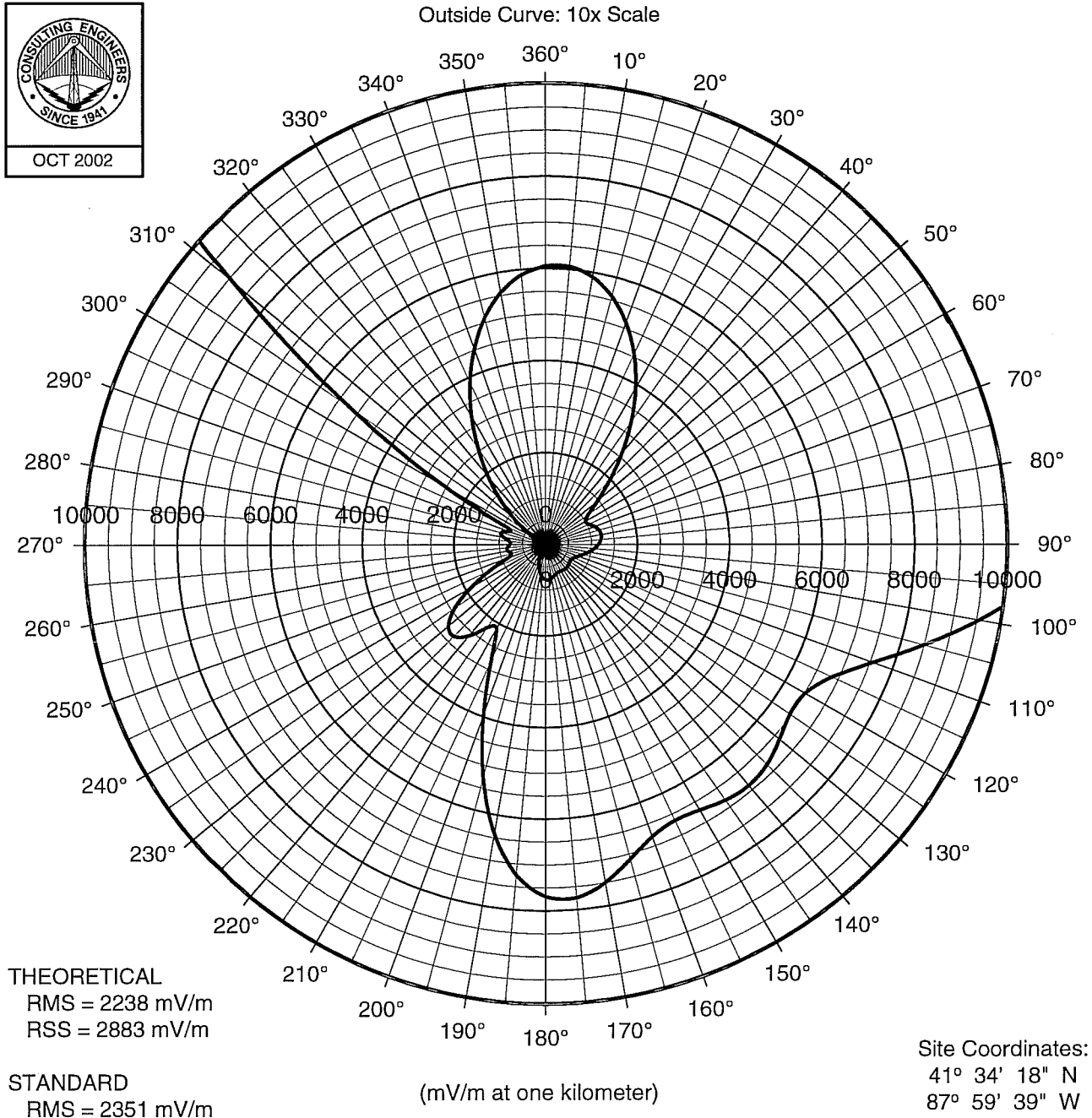
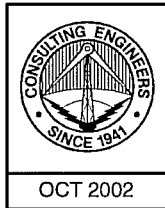
<u>Tower No.</u>	<u>Field Ratio</u>	<u>Phase (degrees)</u>
1 (NW)	0.660	-128.5
2 (CW)	1.000	0.0
3 (SW)	0.507	+132.5
4 (NE)	0.413	-148.9
5 (CE)	0.860	-13.6
6 (SE)	0.598	+126.7

Ground System:

Installed about the base of each tower are 120 evenly spaced, buried copper wire radials (#10 AWG), extending 64.7 meters (212 ft) from all towers except where shortened and bonded to transverse copper strap between towers. In addition, copper strap runs from the transmitter and down the line of towers and is bonded to ground at the base of each tower.

Geographic Coordinates of
Center of Antenna Array:

41° 34' 18" North Latitude
87° 59' 39" West Longitude



DIRECTIONAL ANTENNA PATTERN

Tower Number	Field Ratio	Phase (deg.)	Spacing (deg.)	Bearing (deg.)	Height (deg.)
1(NW)	0.660	-128.5	0.0	0.0	82.7
2(CW)	1.000	0.0	100.2	190.4	82.7
3(SW)	0.507	+132.5	187.5	192.2	82.7
4(NE)	0.413	-148.9	176.1	86.1	82.7
5(CE)	0.860	-13.6	214.6	119.1	82.7
6(SE)	0.598	+126.7	245.7	135.8	82.7

PROPOSED NIGHTTIME HORIZONTAL PLANE STANDARD RADIATION PATTERN

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NIGHTTIME RADIATION PATTERN
(Radiation Values at One Kilometer)

<u>Tower</u> <u>Number</u>	<u>Field</u> <u>Ratio</u>	<u>Phase</u> <u>(deg.)</u>	<u>Spacing</u> <u>(deg.)</u>	<u>Bearing</u> <u>(deg.)</u>	<u>Height</u> <u>(deg.)</u>
1 (NW)	0.660	-128.5	0.0	0.0	82.7
2 (CW)	1.000	0.0	100.2	190.4	82.7
3 (SW)	0.507	+132.5	187.5	192.2	82.7
4 (NE)	0.413	-148.9	176.1	86.1	82.7
5 (CE)	0.860	-13.6	214.6	119.1	82.7
6 (SE)	0.598	+126.7	245.7	135.8	82.7

<u>Input</u> <u>Power</u> <u>(kW)</u>	<u>Loop</u> <u>Loss</u> <u>(ohms)</u>	<u>Theo.</u> <u>RMS</u> <u>(mV/m)</u>	<u>Theo.</u> <u>RSS</u> <u>(mV/m)</u>	<u>Q</u> <u>Factor</u> <u>(mV/m)</u>	<u>Standard</u> <u>RMS</u> <u>(mV/m)</u>
50	1.0	2238	2883	72.1	2351

Standard Radiation Pattern
(at One Kilometer)

Azimuth	Elevation Angle in Degrees						
Angle	0	5	10	15	20	25	30
(deg)	(mV/m)	(mV/m)	(mV/m)	(mV/m)	(mV/m)	(mV/m)	(mV/m)
0	6050	6004	5865	5639	5331	4952	4512
5	6055	6009	5871	5645	5339	4959	4520
10	5895	5851	5719	5504	5211	4848	4425
15	5579	5539	5420	5224	4957	4624	4234
20	5126	5092	4990	4822	4591	4300	3956
25	4565	4538	4457	4322	4134	3895	3607
30	3928	3909	3851	3754	3614	3432	3206
35	3256	3245	3210	3150	3060	2936	2775
40	2590	2586	2573	2547	2503	2435	2336
45	1976	1977	1982	1984	1979	1957	1912
50	1467	1472	1484	1502	1520	1531	1525
55	1127	1129	1136	1149	1166	1185	1198
60	1000	994	980	963	950	946	949
65	1036	1022	985	931	874	824	790
70	1126	1108	1057	979	887	794	715
75	1198	1179	1122	1034	925	807	693
80	1226	1206	1150	1062	949	822	692
85	1206	1188	1136	1053	946	821	688
90	1146	1130	1084	1011	913	798	673
95	1058	1045	1006	943	859	758	646
100	954	944	912	861	792	708	612
105	849	841	817	777	723	656	578
110	755	749	732	703	664	613	553
115	685	682	670	651	624	588	543
120	650	648	641	628	610	583	548
125	647	645	640	631	616	595	565
130	662	661	656	647	634	614	586
135	680	678	673	664	650	630	602
140	687	685	679	669	654	634	608
145	682	679	672	661	645	625	600
150	670	667	657	643	624	603	579
155	665	660	646	624	600	574	549
160	679	671	649	617	580	545	514
165	711	700	669	623	571	520	480
170	749	735	696	637	568	501	448
175	774	758	712	644	563	482	417

Standard Radiation Pattern
(at One Kilometer)

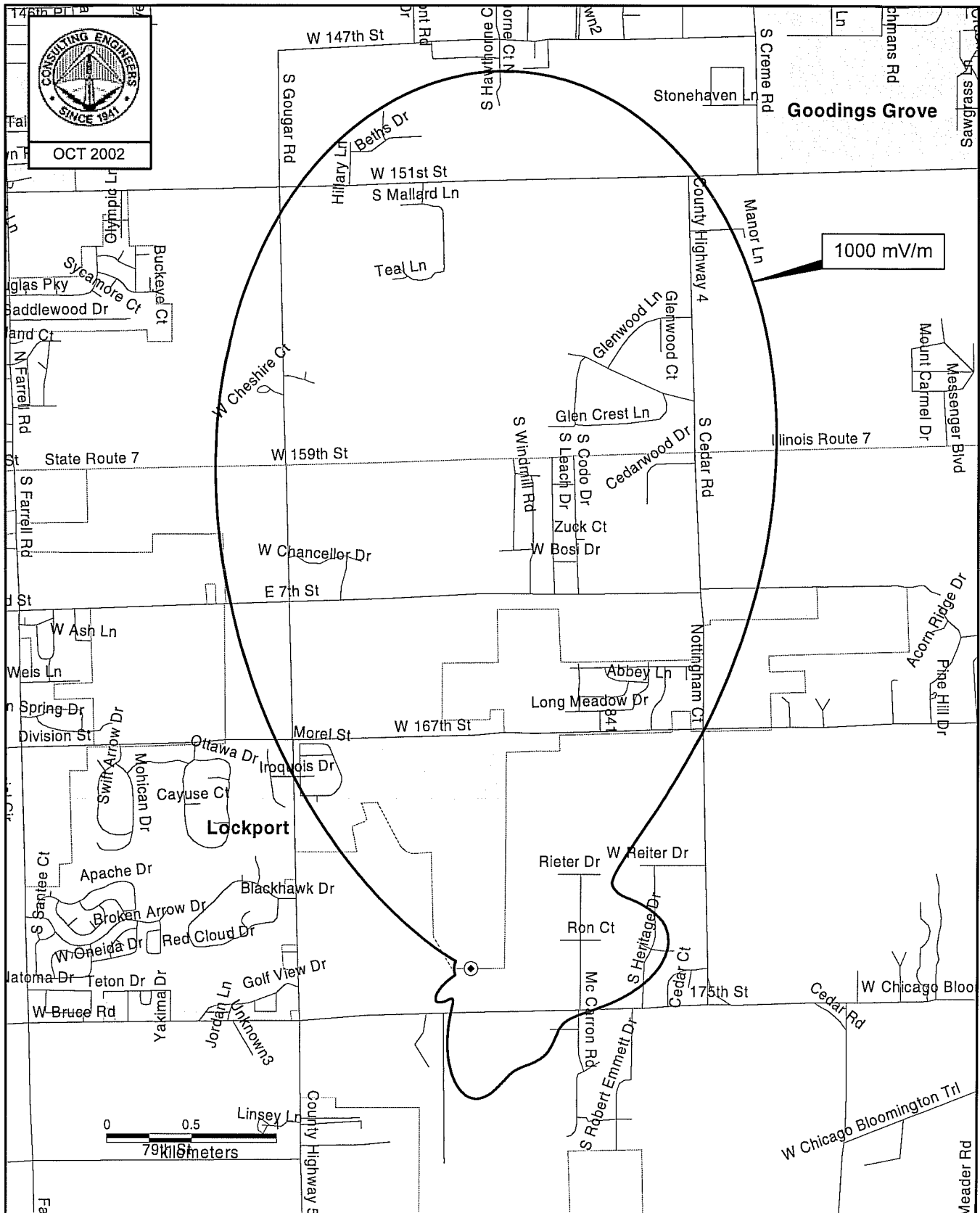
Azimuth	Elevation Angle in Degrees						
Angle	35	40	45	50	55	60	65
(deg)	(mV/m)	(mV/m)	(mV/m)	(mV/m)	(mV/m)	(mV/m)	(mV/m)
0	4025	3508	2977	2451	1947	1481	1066
5	4033	3516	2985	2457	1952	1484	1068
10	3956	3455	2939	2424	1929	1469	1059
15	3798	3329	2842	2353	1879	1436	1038
20	3567	3143	2698	2247	1804	1386	1007
25	3275	2908	2516	2111	1707	1321	966
30	2939	2635	2302	1950	1592	1243	917
35	2575	2338	2067	1772	1463	1155	861
40	2201	2029	1821	1584	1325	1059	799
45	1835	1723	1574	1391	1182	959	733
50	1495	1433	1335	1202	1039	856	665
55	1196	1169	1111	1021	899	754	595
60	951	942	911	853	766	654	526
65	771	758	738	701	641	559	459
70	657	621	596	568	527	468	394
75	598	529	485	454	424	384	331
80	572	474	404	362	334	307	272
85	558	442	350	289	256	237	217
90	544	423	318	239	193	174	165
95	527	410	302	211	149	121	118
100	508	402	300	206	131	84.5	77.3
105	492	401	309	220	140	76.0	46.7
110	484	408	328	246	167	95.8	41.8
115	488	424	354	278	201	127	62.1
120	503	448	384	312	235	159	88.1
125	525	475	414	344	267	189	113.2
130	548	500	442	372	296	215	136
135	566	520	463	395	319	237	155
140	574	530	476	411	336	254	171
145	569	529	479	418	347	266	183
150	551	517	473	418	351	274	192
155	524	495	459	412	351	278	198
160	490	466	438	399	345	278	201
165	452	432	412	382	336	275	202
170	415	397	383	362	324	269	200
175	378	361	354	340	310	261	196

Standard Radiation Pattern
(at One Kilometer)

Azimuth Angle (deg)	Elevation Angle in Degrees						
	0 (mV/m)	5 (mV/m)	10 (mV/m)	15 (mV/m)	20 (mV/m)	25 (mV/m)	30 (mV/m)
180	768	752	704	631	544	456	384
185	724	708	661	590	503	416	345
190	641	626	584	519	441	363	301
195	526	513	479	425	362	301	256
200	396	387	362	324	280	241	219
205	278	272	258	237	216	203	202
210	212	210	205	200	196	198	207
215	221	220	218	216	216	218	223
220	259	258	254	249	244	240	237
225	283	281	275	267	257	248	241
230	277	275	269	260	249	239	230
235	243	241	236	229	221	213	205
240	189	188	185	182	178	175	172
245	131	130	130	131	132	134	135
250	87.1	87.2	88.1	90.3	94.2	100	105
255	75.9	75.5	74.9	75.4	78.1	83	89
260	82.3	81.6	80.2	79.3	80.5	84	89
265	82.9	82.6	82.3	83.1	86.2	92	99
270	76.9	76.9	77.7	80.8	87.8	99	114
275	78.4	77.2	75.3	76.9	86.9	106	132
280	91.7	87.9	79.2	75.1	88.3	120	161
285	98.5	92.5	79.0	75.4	102	152	210
290	83.2	78.7	75.3	97.9	151	219	291
295	100	108	136	188	258	337	416
300	252	265	302	361	435	516	592
305	517	530	567	623	691	762	824
310	889	900	930	975	1027	1077	1115
315	1363	1369	1388	1415	1441	1459	1459
320	1925	1926	1929	1929	1921	1897	1849
325	2554	2549	2532	2501	2451	2376	2272
330	3222	3210	3171	3104	3007	2876	2709
335	3893	3873	3811	3707	3561	3372	3142
340	4531	4502	4418	4278	4085	3840	3548
345	5096	5061	4956	4784	4548	4253	3906
350	5555	5514	5393	5195	4924	4588	4196
355	5880	5835	5703	5486	5190	4825	4401

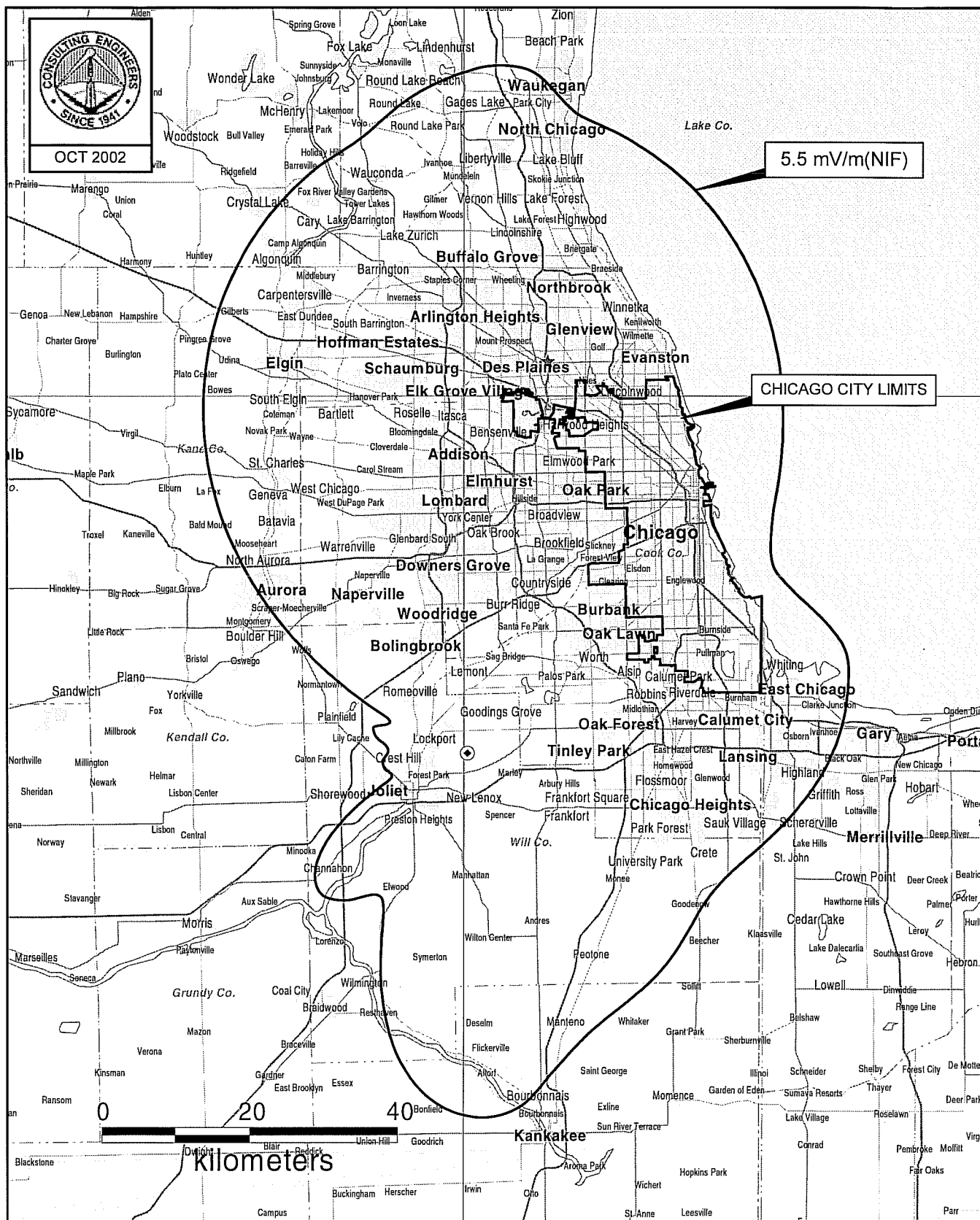
Standard Radiation Pattern
(at One Kilometer)

Azimuth Angle (deg)	Elevation Angle in Degrees						
	35 (mV/m)	40 (mV/m)	45 (mV/m)	50 (mV/m)	55 (mV/m)	60 (mV/m)	65 (mV/m)
180	341	327	326	319	296	252	191
185	305	295	300	300	281	242	185
190	270	268	279	282	267	231	177
195	240	248	263	268	254	220	168
200	220	236	251	256	242	208	158
205	214	232	245	245	230	196	148
210	220	233	240	236	217	183	136
215	230	235	235	226	204	169	123
220	236	234	227	213	189	153	109
225	234	226	215	197	171	136	93.6
230	221	211	197	178	152	117	77.4
235	198	188	175	156	130	97.3	61.0
240	167	161	149	131	107.0	77.4	46.9
245	135	132	123	107.1	85.7	61.2	41.1
250	108	107	100.1	87.8	71.6	56.4	50.1
255	92.5	93.0	89.2	81.9	73.9	69.5	71.0
260	93.5	96.1	96.6	95.8	95.5	96.8	98.7
265	107	115	121	127	131	133	131
270	129	145	159	170	175	175	167
275	160	186	208	223	228	223	207
280	203	241	270	287	289	277	250
285	266	313	347	363	360	337	298
290	357	410	444	454	441	404	349
295	485	536	562	562	533	478	404
300	654	694	706	686	636	559	462
305	869	888	875	829	750	646	524
310	1130	1116	1069	987	875	738	587
315	1433	1376	1285	1160	1007	834	653
320	1772	1662	1518	1343	1145	933	718
325	2135	1964	1761	1532	1285	1030	782
330	2507	2271	2006	1720	1422	1125	843
335	2873	2571	2243	1899	1552	1215	900
340	3215	2850	2462	2065	1671	1295	951
345	3515	3094	2653	2208	1774	1364	994
350	3759	3291	2807	2324	1856	1420	1028
355	3932	3432	2917	2406	1915	1459	1053



PROPOSED NIGHTTIME COVERAGE CONTOURS

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Nighttime Allocation Study

* - enters the 25% limit calculation
** - enters the 50% limit calculation
- see Engineering Exhibit
- allotment to be deleted

RSS Calculation to WYLL Proposed

To Station (Call)	WYLLP	41-34-18	087-59-39				
From Station(Call)	KSL	WBOB	WKCM	WAMB	WCXI	WODY	WPIE
Frequency(kHz)	1160.000	1160.000	1160.000	1160.000	1160.000	1160.000	1160.000
G.C. Distance(km)	2012.600	403.200	421.100	611.300	377.100	877.600	937.000
Slant Distance (km)	2022.479	450.116	466.140	643.227	426.868	900.124	958.068
Bearing degrees	79.535	316.903	345.861	349.969	250.062	310.467	267.180
Mid-Pt Latitude(deg)	41.810	40.280	39.740	38.870	42.210	39.210	42.200
Geo. M.P. Lat.	51.310	51.150	50.530	49.670	53.100	50.250	53.310
Min-Angle(deg)	0.000	18.730	17.920	11.870	20.040	7.330	6.620
Max-Angle(deg)	2.230	29.740	28.620	19.970	31.500	13.250	12.190
Horiz. Rad (mV/m)	2822.210	32.610	65.700	119.090	26.000	115.330	147.030
Max Vert. Rad. (mV/m)	2822.205	69.499	71.275	110.071	50.993	113.673	142.031
Skywave Mult.	9.697	146.709	140.634	86.291	152.617	48.492	38.269
Night Limit (mV/m)	5.473	2.039	2.005	1.900	1.556	1.102	1.087
From Station(Call)	WJFJ	WMVI	WYRU	WOBM	RAD	HJEC	WYNS
Frequency(kHz)	1160.000	1160.000	1160.000	1160.000	1160.000	1160.000	1160.000
G.C. Distance(km)	864.100	1184.300	1073.000	1167.200	3690.200	4050.800	1031.700
Slant Distance (km)	886.985	1201.085	1091.513	1184.179	3695.651	4055.763	1050.944
Bearing degrees	326.320	267.593	316.841	282.329	323.001	340.293	278.700
Mid-Pt Latitude(deg)	38.440	42.470	38.290	41.060	29.960	24.900	41.360
Geo. M.P. Lat.	49.400	53.660	49.350	52.250	41.420	36.200	52.510
Min-Angle(deg)	7.510	4.260	5.220	4.400	0.000	0.000	5.620
Max-Angle(deg)	13.510	8.730	10.130	8.930	0.000	0.000	10.710
Horiz. Rad (mV/m)	102.930	215.620	141.000	181.420	1026.860	978.600	128.190
Max Vert. Rad. (mV/m)	102.585	214.915	140.337	178.815	1026.860	978.600	131.537
Skywave Mult.	51.040	24.351	35.605	27.100	4.438	4.648	33.513
Night Limit (mV/m)	1.047	1.047	0.999	0.969	0.911	0.910	0.882

RSS Night Limit to station

50 % Exclusion = 05.473 mV/m from KSL

25 % Exclusion = 06.461 mV/m from KSL

0 % Exclusion = 07.685

WBOB WKCM WAMB

* - enters the 25% limit calculation
 ** - enters the 50% limit calculation
 # - see Engineering Exhibit
 ## - allotment to be deleted

du Treil,Lundin, and Rackley
Sarasota, FL

Night Permissible Vertical Radiation From Station:WYLL PROPOSED
Coordinates: 41-34-18 N 087-59-39 W

Toward Station	Freq. (kHz)	GC Dist. (km)	Bear (degT)	Angles Min (deg)	Max (deg)	Skywav Mult. (mV/m)	50% Ex-RSS (mV/m)	25% Ex-RSS (mV/m)	Req. Prot. (mV/m)	Perm. Vert-Rad mV/m@1km
WSPZ	1150	925.8	177.8	6.8	12.4	47.18	5.93	7.23	1.81	1914.6
KLRG	1150	841.	207.2	7.8	14.0	54.25	6.6	8.14	2.04	1876.8
KCKY	1150	2280.9	253.	0.0	0.8	9.36	9.43	10.67	2.67	14251.3
KXTA	1150	2748.5	262.1	0.0	0.0	6.17	5.33	6.17	1.54	12500.5
DKBAI	1150	2921.2	267.2	0.0	0.0	5.18	78.22	78.22	19.55	188677.2
KCUV	1150	1436.7	266.8	2.5	6.2	19.7	14.72	16.	4.00	10148.6
KCUV	1150	1436.7	266.8	2.5	6.2	19.7	14.72	16.	4.00	10148.6
WDEL	1150	1067.7	96.4	5.3	10.2	32.26	4.68	5.74	1.43	2222.9
WNDB	1150	1506.9	153.3	2.1	5.6	21.5	16.37	19.95	4.99	11603.1
WTMP	1150	1588.	160.	1.6	5.0	19.96	21.02	23.8	5.95	14905.8
KWKY	1150	473.6	270.3	15.8	25.7	116.84	9.58	9.93	2.48	1062.1
KSAL	1150	861.1	252.8	7.6	13.6	49.4	2.69	3.73	.93	944.3
WLOC	1150	510.5	158.9	14.6	23.9	109.87	7.33	9.26	2.32	1053.5
WJBO	1150	1269.4	194.4	3.6	7.8	28.95	3.03	4.5	1.12	1941.7
WAMG	1150	1387.7	80.5	2.8	6.6	17.97	4.73	5.63	1.41	3914.6
WMET	1150	949.8	102.6	6.5	12.0	40.36	6.74	7.37	1.84	2282.7
KSEN	1150	2017.8	300.5	0.0	2.2	6.97	4.69	5.98	1.50	10729.9
WGBR	1150	1107.7	125.2	4.9	9.7	33.31	19.9	24.06	6.02	9031.4
WGBR	1150	1106.1	125.1	4.9	9.7	33.38	19.98	24.14	6.04	9042.2
KDEF	1150	1764.5	252.4	0.7	3.7	14.77	12.31	14.09	3.52	11931.1
WRUN	1150	1052.6	76.	5.4	10.4	30.34	5.57	7.36	1.84	3032.5
WCUE	1150	541.2	92.2	13.7	22.6	95.99	12.11	12.61	3.15	1641.7
* WIMA	1150	340.1	105.7	22.2	34.3	176.5	5.81	7.64	3.81	1112.6
KNED	1150	999.5	224.9	5.9	11.2	40.98	17.54	18.42	4.61	5619.7
KAGO	1150	2780.2	282.9	0.0	0.0	4.44	5.65	7.26	1.81	20419.
KIMM	1150	1264.6	287.8	3.6	7.8	22.2	13.1	14.9	3.73	8391.3
WGOW	1150	759.3	161.4	9.0	15.8	63.03	4.93	6.49	1.62	1287.7
WCRK	1150	718.2	144.2	9.7	16.8	67.53	4.97	6.29	1.57	1163.7
KZNE	1150	1427.6	214.3	2.5	6.3	23.63	34.12	36.13	9.03	19116.1
KCCCT	1150	1756.9	212.4	0.7	3.8	16.95	18.67	20.8	5.20	15338.2
KSVE	1150	1965.9	242.2	0.0	2.5	12.89	14.99	16.18	4.05	15689.8
KKNW	1150	2764.8	295.7	0.0	0.0	3.39	3.16	4.27	1.07	15726.4
KKNW	1150	2764.8	295.7	0.0	0.0	3.39	3.16	4.27	1.07	15726.4
#WHBY	1150	289.	352.3	25.8	38.9	203.79	18.88	19.6	5.27	1293.
RAD	1160	3690.2	129.7	0.0	0.0	.89	4.34	5.23	2.17	12243.2
PEACE	1160	2648.4	317.8	0.0	0.0	4.88	8.94	8.94	4.47	4584.1
##THUND	1160	762.	351.1	12.4	12.4	90.97	97.84	97.84	-97.84	-5377.6
**BAIE	1160	1758.4	54.4	2.3	2.3	15.69	8.13	11.36	3.64	1158.0
HJBL	1160	3647.4	155.6	0.0	0.0	.91	14.46	15.84	7.23	39686.7

* - enters the 25% limit calculation
** - enters the 50% limit calculation
- see Engineering Exhibit
- allotment to be deleted

du Treil,Lundin, and Rackley
Sarasota, FL

Night Permissible Vertical Radiation From Station:WYLL PROPOSED
Coordinates: 41-34-18 N 087-59-39 W

Toward Station	Freq. (kHz)	GC Dist. (km)	Bear (degT)	Angles Min (deg)	Max (deg)	Skywav Mult. (mV/m)	50% Ex-RSS (mV/m)	25% Ex-RSS (mV/m)	Req. Prot. (mV/m)	Perm. Vert-Rad mV/m@1km
HJVA	1160	4322.9	157.6	0.0	0.0	.63	13.25	16.23	6.63	52258.9
HJAU	1160	4616.	161.1	0.0	0.0	.55	14.44	15.69	7.22	65517.7
HJAZ	1160	3853.2	158.5	0.0	0.0	.81	15.58	16.8	7.79	48210.2
HJZV	1160	4650.5	164.4	0.0	0.0	.54	11.31	12.03	5.66	52085.5
HJEC	1160	4050.8	153.5	0.0	0.0	.73	15.02	16.45	7.51	51498.4
TILX	1160	3525.6	174.1	0.0	0.0	.98	5.42	6.74	2.71	13759.6
CMCU	1160	2160.	163.2	0.2	0.2	3.35	2.02	2.86	1.01	1506.1
HIBG	1160	2953.7	141.	0.0	0.0	1.48	7.15	9.31	3.57	12037.9
TGRI	1160	2899.8	181.8	0.0	0.0	1.55	4.31	4.75	2.16	6959.7
HRGF	1160	3085.2	177.	0.0	0.0	1.34	4.17	5.5	2.08	7751.1
HRYS	1160	3056.2	360.	0.0	0.0	1.37	3.8	4.7	1.90	6922.8
HREJ	1160	2928.3	180.1	0.0	0.0	1.52	4.51	5.27	2.25	7435.6
XENVA2	1160	1972.2	242.3	1.1	1.1	10.88	28.56	28.56	14.28	6563.8
XE	1160	2566.4	186.6	0.0	0.0	5.29	11.91	12.36	5.96	5635.2
XE VW1	1160	2679.5	210.6	0.0	0.0	4.74	5.64	6.45	2.82	2974.8
XEIW	1160	2795.1	212.4	0.0	0.0	4.26	4.76	5.42	2.38	2793.4
XEIW	1160	2795.1	212.4	0.0	0.0	4.26	4.76	5.42	2.38	2793.4
XEIU	1160	2849.8	199.6	0.0	0.0	4.07	6.33	6.64	3.17	3894.8
XEGI1	1160	2474.6	207.4	0.0	0.0	5.85	6.82	8.7	3.41	2911.7
XENVA2	1160	2446.2	251.8	0.0	0.0	6.06	34.56	34.56	17.28	14262.5
XEBE1	1160	2598.	202.4	0.0	0.0	5.11	7.76	8.16	3.88	3797.3
XEBE	1160	2598.	202.4	0.0	0.0	5.11	7.76	8.16	3.88	3797.3
HOMQ	1160	3704.5	170.	0.0	0.0	.88	9.19	9.79	4.60	26173.8
**NEW	1160	1193.3	180.5	4.2	8.6	31.92	9.85	12.27	4.81	754.1
* NEW	1160	1590.2	155.8	1.6	5.0	19.79	7.9	10.51	3.89	980.7
* WMLB	1160	928.7	159.4	6.7	12.3	46.49	19.85	21.58	9.26	995.9
**WBOB	1160	403.2	134.8	18.7	29.7	146.71	24.32	26.8	28.03	955.1
**WKCM	1160	421.1	165.1	17.9	28.6	140.63	19.02	21.06	21.09	749.6
WMET	1160	949.8	102.6	6.5	12.0	40.36	24.86	31.77	7.94	984.1
* WSKW	1160	1522.1	70.5	2.0	5.5	13.53	8.48	10.14	3.08	1136
**WCXI	1160	377.1	67.2	20.0	31.5	152.62	26.6	28.16	29.89	979.0
NEW	1160	647.7	242.4	11.1	18.8	77.43	10.88	10.88	2.72	175.6
WYRU	1160	1073.	131.4	5.2	10.1	35.61	14.63	19.39	4.85	680.8
* WJFJ	1160	864.1	142.7	7.5	13.5	51.04	16.49	21.05	10.52	1030
WOBM	1160	1167.2	93.3	4.4	8.9	27.1	20.54	24.04	6.01	1109.
* WVNJ	1160	1148.	88.3	4.6	9.2	27.29	15.84	20.37	6.87	1258
* WMVI	1160	1184.3	78.	4.3	8.7	24.35	18.02	21.82	5.87	1206
* WPIE	1160	937.	79.6	6.6	12.2	38.27	27.42	31.49	9.35	1222
**WCCS	1160	747.6	95.6	9.2	16.0	58.9	21.32	23.18	13.42	1139

* - enters the 25% limit calculation
** - enters the 50% limit calculation
- see Engineering Exhibit
- allotment to be deleted

du Treil, Lundin, and Rackley
Sarasota, FL

Night Permissible Vertical Radiation From Station: WYLL PROPOSED
Coordinates: 41-34-18 N 087-59-39 W

Toward Station	Freq. (kHz)	GC Dist. (km)	Bear (degT)	Angles Min (deg)	Angles Max (deg)	Skywav Mult. (mV/m)	50% Ex-RSS (mV/m)	25% Ex-RSS (mV/m)	Req. Prot. (mV/m)	Perm. Vert-Rad mV/m@1km
* WYNS	1160	1031.7	90.6	5.6	10.7	33.51	15.96	20.5	7.88	1176
WBQN	1160	3278.2	135.2	0.0	0.0	5.6	26.56	27.75	6.94	6197.5
**WAMB	1160	611.3	169.2	11.9	20.0	86.29	18.72	20.79	13.39	775.9
KENS	1160	1648.	219.1	1.3	4.5	18.58	11.12	11.12	2.78	747.7
KENS	1160	1648.	219.1	1.3	4.5	18.58	11.12	11.12	2.78	747.7
NEW	1160	1638.2	212.9	1.3	4.6	18.97	22.93	24.45	6.11	1611.1
* WODY	1160	877.6	125.4	7.3	13.3	48.49	16.79	21.66	11.26	1161.0
YVRR	1160	4039.2	142.9	0.0	0.0	.73	11.32	13.33	5.66	38558.8
YVOK	1160	4024.2	151.	0.0	0.0	.74	14.99	17.47	7.49	50633.8
CMBV	1160	2126.9	164.2	0.4	0.4	3.49	2.17	2.69	1.09	1554.9
CMCU	1160	2160.	163.2	0.2	0.2	3.35	2.02	2.86	1.01	1506.1
KJNP	1170	4478.	325.4	0.0	0.0	.31	.85	.89	.22	36364.4
WACV	1170	1024.8	171.	5.7	10.8	40.29	3.63	4.92	1.23	1525.2
KCBQ	1170	2718.9	258.7	0.0	0.0	6.52	12.4	12.4	3.10	23748.9
KCBQ	1170	2729.3	258.6	0.0	0.0	6.48	12.3	12.7	3.18	24500.9
KLOK	1170	2923.2	271.9	0.0	0.0	4.83	9.51	10.63	2.66	27475.8
WAVS	1170	1864.3	155.1	0.2	3.1	15.27	9.34	11.3	2.82	9251.5
KENT	1170	6806.1	273.8	0.0	0.0	1.05	1.98	2.24	.56	26782.9
KENT	1170	6811.6	274.1	0.0	0.0	1.04	1.96	2.23	.56	26834.3
* KJOC	1170	211.1	265.3	33.8	48.1	277.13	1.9	2.87	.72	129.6
KFAQ	1170	905.6	230.8	7.0	12.7	47.4	2.21	2.94	.74	776.4
NEW	1170	2710.1	287.2	0.0	0.0	4.32	7.45	7.99	2.00	23108.6
NEW	1170	2710.1	287.2	0.0	0.0	4.32	7.45	7.99	2.00	23108.6
WZUR	1170	3317.1	135.8	0.0	0.0	5.51	12.49	14.76	3.69	33498.3
KPUG	1170	2789.2	298.5	0.0	0.0	3.08	3.69	4.62	1.16	18750.6
WWVA	1170	621.1	102.9	11.6	19.6	79.53	5.9	6.08	1.52	956.2

* - enters the 25% limit calculation
 ** - enters the 50% limit calculation
 # - see Engineering Exhibit
 ## - allotment to be deleted

du Treil, Lundin, and Rackley
Sarasota, FL

Night Permissible Vertical Radiation From Station: WYLL LICENSE
Coordinates: 42-02-30 N 087-51-57 W

Toward Station	Freq. (kHz)	GC Dist. (km)	Bear (degT)	Angles Min (deg)	Angles Max (deg)	Skywav Mult. (mV/m)	50% Ex-RSS (mV/m)	25% Ex-RSS (mV/m)	Req. Prot. (mV/m)	Perm. Vert-Rad mV/m@1km
WSPZ	1150	977.7	178.6	6.2	11.5	42.87	5.93	7.23	1.81	2106.9
KLRG	1150	892.4	206.4	7.2	13.0	48.99	6.6	8.14	2.04	2078.
KCKY	1150	2306.8	252.	0.0	0.7	9.04	9.43	10.67	2.67	14757.3
KXTA	1150	2766.6	261.2	0.0	0.0	6.	5.33	6.17	1.54	12858.8
DKBAI	1150	2934.8	266.3	0.0	0.0	5.05	78.22	78.22	19.55	193647.3
KCUV	1150	1451.	264.9	2.4	6.1	19.09	14.72	16.	4.00	10473.4
KCUV	1150	1451.	264.9	2.4	6.1	19.09	14.72	16.	4.00	10473.4
WDEL	1150	1064.3	99.3	5.3	10.3	32.09	4.68	5.74	1.43	2234.6
WNDB	1150	1549.2	154.6	1.8	5.3	20.29	16.37	19.95	4.99	12295.2
WTMP	1150	1633.7	161.	1.4	4.6	18.82	21.02	23.8	5.95	15807.8
KWKY	1150	486.7	264.2	15.4	25.1	111.85	9.58	9.93	2.48	1109.5
KSAL	1150	887.8	249.9	7.2	13.1	46.56	2.69	3.73	.93	1001.9
WLOC	1150	556.2	161.9	13.3	22.0	97.03	7.33	9.26	2.32	1192.9
WJBO	1150	1322.7	194.4	3.2	7.3	26.76	3.03	4.5	1.12	2100.2
WAMG	1150	1369.6	82.7	2.9	6.8	18.15	4.73	5.63	1.41	3875.2
WMET	1150	952.4	105.9	6.5	11.9	39.78	6.74	7.37	1.84	2315.6
KSEN	1150	2001.	299.2	0.0	2.3	6.93	4.69	5.98	1.50	10785.7
WGBR	1150	1130.2	127.8	4.7	9.4	31.87	19.9	24.06	6.02	9440.1
WGBR	1150	1128.5	127.6	4.7	9.4	31.94	19.98	24.14	6.04	9450.5
KDEF	1150	1791.	251.	0.6	3.6	14.18	12.31	14.09	3.52	12421.6
WRUN	1150	1030.8	78.8	5.6	10.7	31.13	5.57	7.36	1.84	2956.
WCUE	1150	535.2	97.9	13.8	22.9	96.84	12.11	12.61	3.15	1627.3
**WIMA	1150	348.1	114.5	21.7	33.7	171.07	7.18	8.16	-2.04	-596.5
KNED	1150	1044.4	223.4	5.5	10.5	37.77	17.54	18.42	4.61	6096.1
KAGO	1150	2779.3	282.	0.0	0.0	4.35	5.65	7.26	1.81	20850.9
KIMM	1150	1259.9	285.5	3.7	7.9	22.04	13.1	14.9	3.73	8452.6
WGOW	1150	805.8	163.4	8.3	14.7	57.05	4.93	6.49	1.62	1422.5
WCRK	1150	755.3	147.2	9.1	15.9	62.03	4.97	6.29	1.57	1266.9
KZNE	1150	1476.9	213.6	2.2	5.9	22.07	34.12	36.13	9.03	20467.6
KCCT	1150	1806.8	211.9	0.5	3.5	15.98	18.67	20.8	5.20	16274.1
KSVE	1150	2000.1	241.2	0.0	2.3	12.34	14.99	16.18	4.05	16388.9
KKNW	1150	2752.2	294.7	0.0	0.0	3.34	3.16	4.27	1.07	15995.1
KKNW	1150	2752.2	294.7	0.0	0.0	3.34	3.16	4.27	1.07	15995.1
# WHBY	1150	239.3	348.2	30.5	44.4	242.96	6.48	7.5	1.87	385.8
RAD	1160	3715.8	130.5	0.0	0.0	.87	4.34	5.23	2.17	12439.8
PEACE	1160	2617.2	317.	0.0	0.0	5.02	8.94	8.94	4.47	4453.5
##THUND	1160	712.3	349.7	13.5	13.5	97.59	6.24	8.38	3.12	159.8
* BAIE	1160	1719.8	55.6	2.5	2.5	16.88	7.27	11.19	3.64	1077.1
HJBL	1160	3690.7	156.1	0.0	0.0	.89	14.46	15.84	7.23	40852.6
HJVA	1160	4367.2	158.1	0.0	0.0	.62	13.25	16.23	6.63	53352.8

* - enters the 25% limit calculation

** - enters the 50% limit calculation

- see Engineering Exhibit

- allotment to be deleted

du Treil, Lundin, and Rackley
Sarasota, FL

Night Permissible Vertical Radiation From Station: WYLL LICENSE
Coordinates: 42-02-30 N 087-51-57 W

Toward Station	Freq. (kHz)	GC Dist. (km)	Bear (degT)	Angles Min (deg)	Angles Max (deg)	Skywav Mult. (mV/m)	50% Ex-RSS (mV/m)	25% Ex-RSS (mV/m)	Req. Prot. (mV/m)	Perm. Vert-Rad mV/m@1km
HJAU	1160	4662.1	161.5	0.0	0.0	.54	14.44	15.69	7.22	66852.3
HJAZ	1160	3898.	158.9	0.0	0.0	.79	15.58	16.8	7.79	49246.3
HJZV	1160	4698.	164.7	0.0	0.0	.53	11.31	12.03	5.66	53262.6
HJEC	1160	4093.	154.	0.0	0.0	.71	15.02	16.45	7.51	52654.1
TILX	1160	3576.5	174.4	0.0	0.0	.95	5.42	6.74	2.71	14192.2
CMCU	1160	2207.2	163.9	0.0	0.0	3.15	2.02	2.86	1.01	1599.3
HIBG	1160	2987.9	141.8	0.0	0.0	1.44	7.15	9.31	3.57	12371.4
TGRI	1160	2952.4	182.1	0.0	0.0	1.49	4.31	4.75	2.16	7259.4
HRGF	1160	3136.8	177.3	0.0	0.0	1.29	4.17	5.5	2.08	8063.1
HRYS	1160	3108.4	180.3	0.0	0.0	1.32	3.8	4.7	1.90	7195.3
HREJ	1160	2980.6	180.4	0.0	0.0	1.45	4.51	5.27	2.25	7752.9
XENVA2	1160	2006.3	241.2	0.9	0.9	10.31	28.56	28.56	14.28	6926.
XE	1160	2619.5	186.8	0.0	0.0	5.01	11.91	12.36	5.96	5948.
XEVW1	1160	2730.	210.3	0.0	0.0	4.52	5.64	6.45	2.82	3114.9
XEIW	1160	2845.	212.1	0.0	0.0	4.08	4.76	5.42	2.38	2917.2
XEIW	1160	2845.	212.1	0.0	0.0	4.08	4.76	5.42	2.38	2917.2
XEIU	1160	2902.6	199.6	0.0	0.0	3.89	6.33	6.64	3.17	4076.2
XEGI1	1160	2525.9	207.2	0.0	0.0	5.52	6.82	8.7	3.41	3087.3
XENVA2	1160	2473.	250.9	0.0	0.0	5.87	34.56	34.56	17.28	14731.9
XEBE1	1160	2650.4	202.3	0.0	0.0	4.87	7.76	8.16	3.88	3987.7
XEBE	1160	2650.4	202.3	0.0	0.0	4.87	7.76	8.16	3.88	3987.7
HOMQ	1160	3754.2	170.3	0.0	0.0	.85	9.19	9.79	4.60	26940.9
**NEW	1160	1245.7	181.	3.8	8.1	29.44	10.11	12.48	-3.39	-576.
**NEW	1160	1633.9	157.	1.4	4.6	18.69	8.18	10.73	-2.83	-755.7
**WMLB	1160	974.3	161.1	6.2	11.6	42.68	19.91	22.72	-5.81	-680.8
**WBOB	1160	434.8	140.7	17.3	27.8	132.77	31.15	35.62	8.90	335.3
**WKCM	1160	469.4	168.	16.0	25.9	121.7	23.43	26.7	-9.04	-371.2
* WMET	1160	952.4	105.9	6.5	11.9	39.78	24.86	33.46	-10.50	-1319.4
* WSKW	1160	1495.3	72.3	2.1	5.7	13.77	8.48	10.15	-3.08	-1117.7
**WCXI	1160	349.9	74.5	21.6	33.5	165.97	33.22	34.48	-9.26	-278.9
NEW	1160	682.6	239.	10.4	17.8	71.02	10.88	10.88	2.72	191.5
NEW	1160	682.6	239.	10.4	17.8	71.02	10.88	10.88	2.72	191.5
NEW	1160	681.5	239.1	10.4	17.8	71.18	10.88	10.88	2.72	191.1
**WYRU	1160	1100.6	133.8	5.0	9.8	33.79	15.46	20.15	-5.16	-763.1
**WJFJ	1160	900.2	145.4	7.1	12.8	47.41	20.21	22.47	-5.64	-595.2
* WOBN	1160	1160.8	96.	4.5	9.0	27.05	20.54	25.02	-6.91	-1276.7

* - enters the 25% limit calculation
 ** - enters the 50% limit calculation
 # - see Engineering Exhibit
 ## - allotment to be deleted

du Treil, Lundin, and Rackley
Sarasota, FL

Night Permissible Vertical Radiation From Station: WYLL LICENSE
Coordinates: 42-02-30 N 087-51-57 W

Toward Station	Freq. (kHz)	GC Dist. (km)	Bear (degT)	Angles Min (deg) Max (deg)		Skywav Mult. (mV/m)	50% Ex-RSS (mV/m)	25% Ex-RSS (mV/m)	Req. Prot. (mV/m)	Perm. Vert-Rad mV/m@1km
* WVNJ	1160	1137.	91.	4.7	9.3	27.43	15.84	20.55	5.14	936.7
* WMVI	1160	1164.1	80.4	4.4	9.0	24.8	18.02	21.82	-5.49	-1107.7
* WPIE	1160	918.4	82.8	6.8	12.5	39.17	27.42	31.56	-8.53	-1088.9
**WCCS	1160	744.1	99.8	9.3	16.1	58.82	20.99	24.17	-6.86	-583.
**WYNS	1160	1023.	93.6	5.7	10.8	33.65	16.26	20.88	-5.79	-860.7
WBQN	1160	3308.1	136.	0.0	0.0	5.45	26.56	27.75	6.94	6367.
*WAMB	1160	661.	171.	10.8	18.4	76.48	20.87	22.75	-9.06	-592.4
KENS	1160	1695.4	218.4	1.0	4.2	17.5	11.12	11.12	2.78	794.
NEW	1160	1687.9	212.3	1.1	4.3	17.82	22.93	24.45	6.11	1714.5
KSL	1160	2018.7	274.2	0.0	2.2	9.48	1.62	2.	.50	263.2
*WODY	1160	900.6	128.6	7.1	12.8	46.11	17.49	24.21	-6.49	-703.6
YVRR	1160	4074.7	143.5	0.0	0.0	.72	11.32	13.33	5.66	39308.5
YVOK	1160	4064.9	151.5	0.0	0.0	.72	14.99	17.47	7.49	51752.8
* CMBV	1160	2174.4	164.9	0.1	0.1	3.29	2.17	2.7	1.09	1651.5
CMCU	1160	2207.2	163.9	0.0	0.0	3.15	2.02	2.86	1.01	1599.3
KJNP	1170	4441.1	325.1	0.0	0.0	.32	.85	.89	.22	35213.7
WACV	1170	1074.9	172.1	5.2	10.1	36.94	3.63	4.92	1.23	1663.3
KCBQ	1170	2739.9	257.8	0.0	0.0	6.33	12.4	12.4	3.10	24465.1
KCBQ	1170	2750.4	257.8	0.0	0.0	6.29	12.3	12.7	3.18	25236.8
KLOK	1170	2932.5	271.1	0.0	0.0	4.72	9.51	10.63	2.66	28163.3
WAVS	1170	1907.5	156.1	0.0	2.8	14.51	9.34	11.3	2.82	9731.6
KENT	1170	6813.3	273.6	0.0	0.0	1.03	1.98	2.24	.56	27251.8
KENT	1170	6818.6	273.9	0.0	0.0	1.02	1.96	2.23	.56	27334.7
KJOC	1170	231.6	252.6	31.3	45.4	256.36	1.9	2.87	.72	140.
KFAQ	1170	947.4	228.8	6.5	12.0	43.67	2.21	2.94	.74	842.7
NEW	1170	2705.3	286.2	0.0	0.0	4.24	7.45	7.99	2.00	23555.5
NEW	1170	2705.3	286.2	0.0	0.0	4.24	7.45	7.99	2.00	23555.5
WZUR	1170	3347.4	136.6	0.0	0.0	5.36	12.49	14.76	3.69	34416.8
KPUG	1170	2774.	297.6	0.0	0.0	3.03	3.69	4.62	1.16	19066.3
* WWVA	1170	624.8	107.9	11.6	19.5	78.27	5.9	6.24	-2.04	-1303.1

* - enters the 25% limit calculation
 ** - enters the 50% limit calculation
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du Treil, Lundin, and Rackley
Sarasota, FL

Night Permissible Vertical Radiation From Station: WYLL PROPOSED
Coordinates: 42-02-30 N 087-51-57 W

Toward Station	Freq. (kHz)	GC Dist. (km)	Bear (degT)	Angles Min (deg)	Angles Max (deg)	Skywav Mult. (mV/m)	50% Ex-RSS (mV/m)	25% Ex-RSS (mV/m)	Req. Prot. (mV/m)	Perm. Vert-Rad mV/m@1km
KSL	1160	2023.5	299.1	0.0	2.2	7.06	.50	.50	.50	354.
KSL	1160	1953.6	299.4	0.0	2.6	7.68	.50	.50	.50	325.7
KSL	1160	1883.4	299.5	0.1	3.0	8.38	.50	.50	.50	298.5
KSL	1160	1813.	299.5	0.5	3.4	9.19	.50	.50	.50	272.1
KSL	1160	1742.7	299.4	0.8	3.9	10.12	.50	.50	.50	247.
KSL	1160	1672.9	299.0	1.2	4.4	11.18	.50	.50	.50	223.7
KSL	1160	1603.9	298.4	1.5	4.9	12.4	.50	.50	.50	201.7
KSL	1160	1536.4	297.6	1.9	5.4	13.76	.50	.50	.50	181.7
KSL	1160	1470.7	296.5	2.3	5.9	15.29	.50	.50	.50	163.5
KSL	1160	1407.6	295.1	2.7	6.5	16.99	.50	.50	.50	147.2
KSL	1160	1348.	293.4	3.1	7.0	18.84	.50	.50	.50	132.7
KSL	1160	1292.8	291.3	3.4	7.6	20.8	.50	.50	.50	120.2
KSL	1160	1243.	288.8	3.8	8.1	22.83	.50	.50	.50	109.5
KSL	1160	1200.	285.9	4.1	8.6	24.84	.50	.50	.50	100.7
KSL	1160	1164.9	282.6	4.4	9.0	26.72	.50	.50	.50	93.6
KSL	1160	1139.2	279.0	4.6	9.3	28.32	.50	.50	.50	88.3
KSL	1160	1123.9	275.1	4.8	9.5	29.5	.50	.50	.50	84.7
KSL	1160	1120.3	271.1	4.8	9.5	30.18	.50	.50	.50	82.8
KSL	1160	1128.6	267.0	4.7	9.4	30.26	.50	.50	.50	82.6
KSL	1160	1149.1	263.1	4.6	9.2	29.76	.50	.50	.50	84.
KSL	1160	1181.6	259.4	4.3	8.8	28.76	.50	.50	.50	86.9
KSL	1160	1225.2	256.0	3.9	8.3	27.36	.50	.50	.50	91.4
KSL	1160	1279.	253.1	3.5	7.7	25.69	.50	.50	.50	97.3
KSL	1160	1341.7	250.6	3.1	7.1	23.89	.50	.50	.50	104.6
KSL	1160	1412.	248.5	2.6	6.4	22.07	.50	.50	.50	113.3
KSL	1160	1488.5	246.9	2.2	5.8	20.3	.50	.50	.50	123.1
KSL	1160	1570.2	245.7	1.7	5.1	18.62	.50	.50	.50	134.3
KSL	1160	1655.6	244.9	1.2	4.5	17.07	.50	.50	.50	146.4
KSL	1160	1743.8	244.4	0.8	3.9	15.66	.50	.50	.50	159.7
KSL	1160	1833.6	244.3	0.4	3.3	14.38	.50	.50	.50	173.9
KSL	1160	1924.3	244.4	0.0	2.7	13.23	.50	.50	.50	188.9
KSL	1160	2014.9	244.7	0.0	2.2	12.21	.50	.50	.50	204.8
KSL	1160	2104.6	245.3	0.0	1.7	11.29	.50	.50	.50	221.4
KSL	1160	2192.8	246.0	0.0	1.3	10.48	.50	.50	.50	238.5
KSL	1160	2278.8	247.0	0.0	0.8	9.76	.50	.50	.50	256.3
KSL	1160	2362.	248.0	0.0	0.5	9.11	.50	.50	.50	274.5
KSL	1160	2441.8	249.2	0.0	0.1	8.53	.50	.50	.50	293.1

* - enters the 25% limit calculation

** - enters the 50% limit calculation

- see Engineering Exhibit

- allotment to be deleted

du Treil, Lundin, and Rackley
Sarasota, FL

Night Permissible Vertical Radiation From Station: WYLL PROPOSED
Coordinates: 442-02-30 N 087-51-57 W

Toward Station	Freq. (kHz)	GC Dist. (km)	Bear (degT)	Angles Min (deg)	Angles Max (deg)	Skywav Mult. (mV/m)	50% Ex-RSS (mV/m)	25% Ex-RSS (mV/m)	Req. Prot. (mV/m)	Perm. Vert-Rad mV/m@1km
KSL	1160	2517.7	250.5	0.0	0.0	8.01	.50	.50	.50	312.1
KSL	1160	2589.4	251.9	0.0	0.0	7.55	.50	.50	.50	331.3
KSL	1160	2656.4	253.4	0.0	0.0	7.13	.50	.50	.50	350.6
KSL	1160	2718.3	254.9	0.0	0.0	6.76	.50	.50	.50	370.
KSL	1160	2774.7	256.5	0.0	0.0	6.42	.50	.50	.50	389.5
KSL	1160	2825.9	258.2	0.0	0.0	6.11	.50	.50	.50	408.9
KSL	1160	2871.1	259.9	0.0	0.0	5.84	.50	.50	.50	428.2
KSL	1160	2910.2	261.6	0.0	0.0	5.59	.50	.50	.50	447.3
KSL	1160	2943.3	263.4	0.0	0.0	5.36	.50	.50	.50	466.2
KSL	1160	2970.2	265.1	0.0	0.0	5.16	.50	.50	.50	484.7
KSL	1160	2990.7	266.9	0.0	0.0	4.97	.50	.50	.50	502.6
KSL	1160	3005.2	268.7	0.0	0.0	4.81	.50	.50	.50	520.
KSL	1160	3013.9	270.4	0.0	0.0	4.66	.50	.50	.50	536.4
KSL	1160	3016.2	272.2	0.0	0.0	4.53	.50	.50	.50	552.4
KSL	1160	3012.7	273.9	0.0	0.0	4.41	.50	.50	.50	567.
KSL	1160	3003.4	275.7	0.0	0.0	4.31	.50	.50	.50	580.
KSL	1160	2989.	277.3	0.0	0.0	4.22	.50	.50	.50	592.1
KSL	1160	2969.1	279.0	0.0	0.0	4.15	.50	.50	.50	602.
KSL	1160	2944.2	280.6	0.0	0.0	4.1	.50	.50	.50	610.1
KSL	1160	2914.7	282.2	0.0	0.0	4.06	.50	.50	.50	615.9
KSL	1160	2880.7	283.7	0.0	0.0	4.04	.50	.50	.50	619.3
KSL	1160	2842.5	285.2	0.0	0.0	4.03	.50	.50	.50	619.7
KSL	1160	2800.6	286.7	0.0	0.0	4.05	.50	.50	.50	617.1
KSL	1160	2755.	288.0	0.0	0.0	4.09	.50	.50	.50	612.
KSL	1160	2706.2	289.4	0.0	0.0	4.14	.50	.50	.50	603.9
KSL	1160	2654.4	290.6	0.0	0.0	4.22	.50	.50	.50	592.3
KSL	1160	2599.8	291.8	0.0	0.0	4.33	.50	.50	.50	577.1
KSL	1160	2542.9	293.0	0.0	0.0	4.46	.50	.50	.50	560.2
KSL	1160	2483.6	294.0	0.0	0.0	4.63	.50	.50	.50	539.7
KSL	1160	2422.3	295.0	0.0	0.2	4.83	.50	.50	.50	517.2
KSL	1160	2359.2	295.9	0.0	0.5	5.07	.50	.50	.50	493.
KSL	1160	2294.6	296.7	0.0	0.8	5.36	.50	.50	.50	466.5
KSL	1160	2228.4	297.5	0.0	1.1	5.69	.50	.50	.50	439.1
KSL	1160	2161.1	298.1	0.0	1.4	6.08	.50	.50	.50	411.3
KSL	1160	2092.7	298.7	0.0	1.8	6.54	.50	.50	.50	382.5

* - enters the 25% limit calculation
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