

Daytime Groundwave Allocation Study
In Support of an Application to
Change Daytime Directional Pattern
WAUB, Auburn, NY
1590 kHz, 0.45 kW-D/1 kW-N, DA-2

To determine the relevant daytime protections and maximum inverse distance field (IDF) toward each protected station for the above-captioned application, a Daytime Groundwave Allocation Study was conducted on 1590 kHz and the two first-adjacent channels. No second- or third-adjacent channel stations were identified as being a factor in the daytime groundwave study.

For each co-channel station studied, the 0.5 and 0.025 mV/m contours were calculated using the procedure specified in 47 C.F.R. §73.183. For each first-adjacent channel station studied, the 0.5 and 0.25 mV/m contours were calculated using the same procedure. Conductivity values were determined using 47 C.F.R. §73.190 Figure M3. Where measured conductivity data was found to be available, such measured conductivity data was applied across arcs in accordance with Commission policy.

Figure 1 herein shows the proposed, protected and interfering contours as calculated. From this exhibit, it can be clearly seen that with the exception of WOKR (addressed separately herein) there is no prohibited overlap between any of the proposed WAUB contours and any other protected or interfering contours. As such, the proposed facility is in compliance with 47 C.F.R. §73.37.

Proposed Daytime Operation
WAUB Auburn, NY
1590 kHz, 0.45 kW-D/1 kW-N, DA-2

The proposed WAUB daytime groundwave contours were calculated every five degrees from 0° to 355° True using the calculated standard pattern inverse distance field for each azimuth. Ground conductivity values for all azimuths were obtained from §73.190, Figure M3 of the FCC rules. Calculations were made at 20°, 50°, 95°, 105°, 115°, 135°, 170°, 205°, 225°, 235°, 245°, 290°, 320° and 350° True using conductivities from the December 1987 WAUB AM Directional Proof of Performance. Measured conductivity data was applied in an arc $\pm 10^\circ$ in accordance with Commission policy, except where that arc would span another measured conductivity. In such cases, the measured conductivity was applied to the midpoint between the measured radials.

Licensed Daytime Operation
WOKR Brockport, NY
1590 kHz, 1 kW-U, DA-2

The licensed WOKR daytime groundwave contours were calculated every five degrees from 0° to 355° True using the calculated standard pattern inverse distance field for each azimuth. Ground conductivity values for all azimuths were obtained from §73.190, Figure M3 of the FCC rules. Calculations were

made at 0°, 30°, 70°, 100°, 112°, 120.5°, 130°, 159°, 180°, 190°, 232°, 239.5°, 270° and 310° True using conductivities from the November 1980 WOKR (WJBT) AM Directional Proof of Performance. Measured conductivity data was applied in an arc $\pm 10^\circ$ in accordance with Commission policy, except where that arc would span another measured conductivity. In such cases, the measured conductivity was applied to the midpoint between the measured radials.

Proposed Daytime Operation
WOKR Brockport, NY
1600 kHz, 2.5 kW-D/1.1 kW-N, DA-2

The proposed WOKR daytime groundwave contours were calculated every five degrees from 0° to 355° True using the calculated standard pattern inverse distance field for each azimuth. Ground conductivity values for all azimuths were obtained from §73.190, Figure M3 of the FCC rules. Calculations were made at 0°, 30°, 70°, 100°, 112°, 120.5°, 130°, 159°, 180°, 190°, 232°, 239.5°, 270° and 310° True using conductivities from the November 1980 WOKR (WJBT) AM Directional Proof of Performance. Measured conductivity data was applied in an arc $\pm 10^\circ$ in accordance with Commission policy, except where that arc would span another measured conductivity. In such cases, the measured conductivity was applied to the midpoint between the measured radials.

Licensed Daytime Operation
WEHH Elmira Heights-Horse, NY
1600 kHz, 5 kW-D/0.17 kW-N, DA-2

The licensed WEHH daytime groundwave contours were calculated every five degrees from 0° to 355° True using the calculated standard pattern inverse distance field for each azimuth. Ground conductivity values for all azimuths were obtained from §73.190, Figure M3 of the FCC rules. Calculations were made at 7°, 39.5°, 70°, 82°, 93°, 120°, 133°, 166°, 199°, 212°, 239°, 250°, 262°, 292.5°, 325° and 346° True using conductivities from the July 2002 WEHH AM Directional Proof of Performance. Measured conductivity data was applied in an arc $\pm 10^\circ$ in accordance with Commission policy, except where that arc would span another measured conductivity. In such cases, the measured conductivity was applied to the midpoint between the measured radials.

Licensed Daytime Operation
WGGO Salamanca, NY
1590 kHz, 5 kW-D/0.014 kW-N, ND

The licensed WGGO daytime groundwave contours were calculated every five degrees from 0° to 355° True using the calculated standard pattern inverse distance field for each azimuth. Ground conductivity values for all azimuths were obtained from §73.190, Figure M3 of the FCC rules.

Licensed Daytime Operation
WPSN Honesdale, PA
1590 kHz, 2.5 kW-D/0.015 kW-N, ND

The licensed WPSN daytime groundwave contours were calculated every five degrees from 0° to 355° True using the calculated standard pattern inverse distance field for each azimuth. Ground conductivity values for all azimuths were obtained from §73.190, Figure M3 of the FCC rules.

Licensed Daytime Operation
WMCR Oneida, NY
1600 kHz, 1 kW-D/0.020 kW-N, ND

The licensed WMCR daytime groundwave contours were calculated every five degrees from 0° to 355° True using the calculated standard pattern inverse distance field for each azimuth. Ground conductivity values for all azimuths were obtained from §73.190, Figure M3 of the FCC rules.

Auburn Broadcasting, Inc.								
Station: WAUB-P 1590 kHz 42-54-34 076-36-09								
Distances are from Site to Conductivity Breaks								
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
0	-4	30.6	4	58.2	8	105.7	15	145.1
	10	169.5	4	340.8	2	450.0		
5	4	62.2	8	125.1	15	147.8	10	179.9
	4	327.3	2	450.0				
10	-3	31.9	4	66.9	8	129.8	4	144.2
	15	157.1	10	194.0	4	321.3	2	450.0
15	-3	31.9	4	69.7	8	104.9	4	110.8
	8	121.7	4	123.7	8	134.1	4	161.9
	15	164.3	10	293.6	4	330.1	2	450.0
20	-3	31.9	4	72.2	8	90.4	4	181.5
	10	317.1	4	450.0				
25	-3	31.9	4	231.5	10	334.7	4	353.8
	2	450.0						
30	-3	31.9	4	269.4	10	343.3	4	363.3
	2	450.0						
35	4	285.8	10	352.0	4	450.0		
40	-2	30.9	4	306.9	10	450.0		
45	-2	30.9	4	334.1	10	383.7	4	422.1
	6	450.0						
50	-2	30.9	4	351.1	2	370.6	4	450.0
55	-2	30.9	4	298.9	2	413.2	0.5	422.3
	4	450.0						
60	-2	30.9	4	267.1	2	378.8	0.5	450.0
65	4	242.6	2	353.3	0.5	450.0		
70	4	219.7	2	349.6	1.0	353.9	0.5	383.0
	1.0	450.0						
75	4	198.6	2	330.7	1.0	444.3	2	450.0
80	4	177.7	2	315.5	1.0	444.7	2	450.0
85	-3	31.4	4	174.1	2	304.6	1.0	450.0

Exhibit 17

Page 4

90	-3	31.4	4	297.0	1.0	449.4	2	450.0
95	-3	31.4	4	292.8	1.0	415.6	2	450.0
100	-3	31.4	4	290.9	1.0	359.1	2	450.0
105	-5	22.0	4	291.2	1.0	339.9	2	449.2
	50	450.0						
110	-5	31.2	4	289.5	1.0	321.0	2	450.0
115	-5	31.2	4	289.7	1.0	328.5	2	389.0
	50	391.3	2	401.3	50	450.0		
120	-5	31.2	4	286.5	1.0	348.2	2	352.7
	50	396.5	0.5	402.0	50	409.2	0.5	422.4
	50	450.0						
125	-5	31.2	4	288.8	1.0	336.4	50	365.1
	0.5	397.4	50	450.0				
130	-7	22.2	4	317.8	1.0	325.4	50	336.9
	4	341.9	0.5	370.9	50	450.0		
135	-7	22.2	4	229.8	4	229.8	2	278.1
	4	322.5	50	328.0	4	334.8	0.5	357.0
	50	450.0						
140	-7	22.2	4	224.5	2	297.4	4	332.3
	50	450.0						
145	-7	22.2	4	221.2	2	287.1	4	380.3
	50	450.0						
150	4	219.0	2	244.8	4	412.4	50	450.0
155	4	217.0	2	247.9	4	431.9	50	450.0
160	-5	31.0	4	216.7	2	253.7	4	356.0
	50	356.8	4	450.0				
165	-5	31.0	4	216.5	2	259.3	4	363.6
	50	368.1	4	406.1	50	450.0		
170	-5	31.0	4	207.3	2	264.3	4	374.0
	40	374.5	4	450.0				
175	-5	31.0	4	191.1	2	267.4	4	392.1
	40	402.2	4	419.6	40	431.3	4	432.1
	40	435.4	4	439.4	40	450.4	4	0.0
180	-5	31.0	4	181.0	2	274.7	4	370.1
	2	388.1	4	403.9	40	413.8	4	425.1
	40	426.2	4	450.0				
185	4	178.2	2	306.8	4	364.6	2	447.7
	4	450.0						
190	4	180.0	2	450.0				
195	-4	18.5	4	181.8	2	450.0		
200	-4	18.5	4	183.6	2	268.6	4	373.1
	2	450.0						
205	-4	18.5	4	186.6	2	256.1	4	450.0
210	-4	18.5	4	190.1	2	337.2	4	450.0
215	-4	18.5	4	194.6	2	346.4	4	450.0
220	-10	25.1	4	201.8	2	340.7	4	450.0
225	-10	25.1	4	210.8	2	336.4	4	450.0
230	-8	24.3	4	221.9	2	336.6	4	450.0
235	-8	24.3	4	234.0	2	339.8	4	372.9
	8	450.0						
240	-8	24.3	4	248.3	2	313.8	8	450.0
245	-5	15.0	4	292.3	8	450.0		
250	-5	15.0	4	331.7	8	450.0		

Exhibit 17
Page 5

Auburn Broadcasting, Inc.								
Station: WAUB-P 1590 kHz 42-54-34 076-36-09								
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
255	-5	15.0	4	95.5	8	102.4	4	218.9
	8	259.1	4	288.1	8	297.4	4	301.0
	8	450.0						
260	4	86.7	8	117.5	4	186.4	8	284.1
	10	450.0						
265	4	82.9	8	132.9	4	165.2	8	219.8
	10	315.6	4	330.3	10	417.6	20	450.0
270	4	81.0	8	188.4	10	189.8	20	216.3
	10	216.9	20	221.3	10	222.7	20	229.5
	10	231.9	20	296.6	4	354.2	20	450.0
275	4	80.4	8	197.4	20	298.9	4	365.2
	6	370.3	20	446.3	10	450.0		
280	-3	31.9	4	80.5	8	201.6	20	217.0
	15	260.0	20	291.4	4	340.7	6	419.6
	10	450.0						
285	-3	31.9	4	81.2	8	213.3	15	254.5
	10	279.9	4	329.7	6	425.4	10	450.0
290	-3	31.9	4	82.4	8	202.5	15	245.1
	6	266.6	10	283.8	4	333.5	6	432.1
	10	450.0						
295	-3	31.9	4	83.7	8	179.3	15	228.0
	6	273.8	4	402.2	6	424.1	10	450.0
300	-3	31.9	4	80.6	8	155.5	15	213.7
	6	269.1	4	394.0	10	396.5	4	426.6
	10	450.0						
305	4	74.1	8	134.4	15	194.8	6	284.3
	4	328.3	10	450.0				
310	-4	31.9	4	66.6	8	118.7	15	179.6
	6	290.6	4	323.5	10	324.7	4	326.1
	10	340.3	4	344.5	10	450.0		
315	-4	31.9	4	61.3	8	107.7	15	166.2
	6	290.6	1.0	386.3	10	395.8	1.0	403.4
	2	416.8	10	426.6	2	431.2	10	450.0
320	-4	31.9	4	54.5	8	99.6	15	157.3
	6	264.2	1.0	391.4	2	450.0		
325	-4	31.9	4	50.4	8	93.2	15	150.5
	4	188.1	6	241.7	1.0	385.6	2	450.0
330	-4	31.9	4	49.9	8	88.3	15	131.2
	4	228.1	1.0	384.8	2	450.0		
335	4	49.1	8	84.4	15	117.0	4	118.4
	15	122.8	4	125.5	15	128.4	4	222.4
	1.0	388.6	2	450.0				
340	-4	30.6	4	47.3	8	81.5	15	113.5
	4	218.9	1.0	396.3	2	450.0		
345	-4	30.6	4	48.3	8	79.4	15	115.2
	4	118.5	15	125.3	4	129.3	15	131.6
	10	133.2	15	133.5	10	136.1	15	138.1
	10	140.0	15	142.6	4	217.7	1.0	380.0
	2	450.0						
350	-4	30.6	4	49.7	8	82.2	15	130.2
	4	133.1	15	135.9	10	151.4	4	218.8
	1.0	297.9	4	338.2	1.0	357.4	2	450.0

Exhibit 17
Page 6

Auburn Broadcasting, Inc.								
Station: WAUB-P			1590 kHz		42-54-34		076-36-09	
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
355	-4	30.6	4	53.5	8	92.2	15	142.4
	10	160.1	4	228.1	1.0	272.5	4	347.0
	2	450.0						

Negative mS/m are MEASURED Conductivity Values
Tabulated 50 mS/m represents 5000 mS/m

Auburn Broadcasting Inc.								
Station: WOKR			1590 kHz		43-11-44		077-57-05	
Distances are from Site to Conductivity Breaks								
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
0	-7	18.6	8	44.4	15	86.0	6	120.6
	4	166.3	1.0	336.4	2	450.0		
5	-7	18.6	8	44.5	15	88.8	6	100.3
	4	170.4	1.0	330.4	2	450.0		
10	-7	18.6	8	44.9	15	91.5	4	176.1
	1.0	273.4	4	314.7	2	450.0		
15	8	45.7	15	94.6	4	184.0	1.0	259.5
	4	325.8	2	450.0				
20	-6	18.8	8	46.8	15	92.1	4	94.8
	15	95.7	4	195.2	1.0	250.8	4	326.9
	2	450.0						
25	-6	18.8	8	48.4	15	90.1	4	324.0
	2	450.0						
30	-6	18.8	8	50.7	15	96.4	4	330.9
	2	450.0						
35	-6	18.8	8	53.7	15	97.1	4	117.4
	15	124.4	10	147.1	4	307.7	10	308.3
	4	358.6	2	450.0				
40	-6	18.8	8	57.7	15	97.8	4	115.5
	15	116.3	4	127.7	15	139.7	10	197.3
	4	253.6	10	357.9	4	382.8	2	450.0
45	8	62.7	15	113.6	4	117.6	15	162.0
	10	383.2	4	405.4	2	450.0		
50	8	69.3	15	167.8	4	173.4	15	185.0
	4	200.1	15	201.7	10	222.6	4	318.5
	10	408.2	4	453.7				
55	8	78.2	15	133.4	8	161.3	4	164.3
	8	171.4	4	361.1	10	450.0		
60	-5	25.7	8	90.4	15	113.6	8	165.8
	4	450.0						
65	-5	25.7	8	152.5	4	401.8	2	450.0
70	-5	25.7	8	149.1	4	367.6	2	461.3
75	-5	25.7	8	117.5	4	345.3	2	442.6
	0.5	450.0						
80	-5	25.7	8	34.7	4	68.6	8	101.8
	4	324.1	2	439.6	1.0	450.0		
85	8	33.7	4	79.9	8	81.3	4	304.0
	2	423.3	1.0	450.0				

Exhibit 17

Page 7

Auburn Broadcasting Inc.								
Station: WOKR 1590 kHz 43-11-44 077-57-05								
Distances are from Site to Conductivity Breaks								
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
90	-6	32.2	8	33.0	4	282.3	2	412.8
	1.0	450.0						
95	-6	32.2	8	32.6	4	406.6	1.0	450.0
100	-6	32.2	8	32.4	4	404.6	1.0	450.0
105	-6	32.2	8	32.7	4	405.1	1.0	450.3
110	-6	32.2	8	33.3	4	403.2	1.0	435.4
	2	450.0						
112	-6	32.2	8	33.5	4	402.3	1.0	441.4
	2	450.0						
115	-6	32.2	8	34.2	4	398.8	1.0	456.0
120	-5	32.2	8	35.3	4	402.6	1.0	442.7
	50	450.0						
120.5	-5	32.2	8	35.4	4	404.4	1.0	441.1
	50	450.0						
125	-5	32.2	8	36.9	4	333.9	2	379.6
	4	429.4	50	435.4	4	439.4	50	442.4
	4	445.3	0.5	450.0				
130	-5	32.2	8	39.0	4	321.2	2	397.7
	4	428.0	50	434.8	0.5	438.6	50	450.0
135	-5	32.2	8	41.6	4	310.9	2	343.3
	4	450.0						
140	-5	32.2	8	44.9	4	301.1	2	334.7
	4	450.0						
145	8	48.1	4	291.6	2	334.0	4	450.0
150	-4	32.2	8	51.6	4	252.1	2	331.9
	4	429.7	50	432.8	4	450.0		
155	-4	32.2	8	56.0	4	230.1	2	327.4
	4	450.0						
159	-4	32.2	8	58.0	4	223.9	2	325.9
	4	437.4	50	450.0				
160	-4	32.2	8	58.5	4	221.9	2	327.3
	4	445.5	40	450.0				
165	-4	32.2	8	60.4	4	212.6	2	346.1
	4	410.7	2	439.3	4	450.2		
170	-4	32.2	8	59.5	4	204.6	2	376.7
	4	398.7	2	450.0				
175	-4	32.2	8	57.2	4	197.6	2	450.0
180	-4	32.2	8	55.5	4	191.8	2	263.9
	4	362.3	2	450.0				
185	-4	32.2	8	53.6	4	188.4	2	279.4
	4	415.9	2	450.0				
190	-4	32.2	8	52.0	4	186.3	2	335.6
	4	453.9						
195	-4	32.2	8	50.8	4	185.5	2	328.2
	4	450.0						
200	-4	32.2	8	50.1	4	185.3	2	312.0
	4	450.0						
205	8	49.8	4	185.9	2	298.2	4	422.6
	2	447.9	4	450.0				
210	8	49.8	4	187.4	2	289.7	4	432.5
	2	450.0						

Exhibit 17
Page 8

Auburn Broadcasting Inc.								
Station: WOKR 1590 kHz 43-11-44 077-57-05								
Distances are from Site to Conductivity Breaks								
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
<hr/>								
215	8	50.3	4	190.3	2	283.9	4	450.0
220	8	52.9	4	196.7	2	246.0	8	379.6
	4	450.0						
225	-4	32.2	8	57.2	4	222.7	8	450.0
230	-4	32.2	8	162.5	4	237.5	8	450.0
232	-4	32.2	8	168.9	4	245.0	8	450.0
235	-4	32.2	8	174.6	4	256.4	8	450.0
239.5	-5	32.2	8	450.0				
240	-5	32.2	8	450.0				
245	-5	32.2	8	89.1	10	227.5	8	437.7
	15	450.0						
250	-5	32.2	8	83.7	20	103.6	10	198.2
	4	200.4	10	430.8	8	450.0		
255	8	89.0	20	144.4	10	200.1	4	233.9
	10	329.0	20	440.7	10	441.1	8	450.0
260	-5	32.2	8	88.3	20	189.6	4	247.9
	20	410.1	15	415.6	8	450.0		
265	-5	32.2	8	90.5	20	188.3	4	249.3
	20	371.0	15	421.8	8	450.0		
270	-5	32.2	8	89.0	20	187.5	4	248.8
	6	264.4	20	336.0	10	358.5	8	367.2
	15	429.5	8	450.0				
275	-5	32.2	8	90.7	20	94.6	15	148.6
	20	178.0	4	229.7	6	305.8	10	345.9
	8	372.4	15	437.8	8	450.0		
280	-5	32.2	8	96.0	15	143.9	10	163.3
	4	218.8	6	307.3	10	342.9	8	379.7
	15	447.4	8	450.0				
285	8	103.6	15	138.3	10	167.5	4	214.6
	6	313.0	10	351.5	8	406.3	15	415.8
	8	450.0						
290	8	94.1	15	133.4	6	148.5	10	170.0
	4	217.7	6	318.9	10	363.3	8	450.0
295	8	86.6	15	122.0	6	162.8	10	168.6
	4	234.5	6	317.4	10	379.0	8	450.0
300	-6	32.2	8	78.2	15	117.7	6	161.7
	4	309.0	10	399.2	8	450.0		
305	-6	32.2	8	71.8	15	115.0	6	158.4
	4	283.4	10	287.4	4	321.7	10	450.0
310	-6	32.2	8	66.8	15	109.4	6	162.6
	4	223.8	10	309.4	4	312.6	10	345.7
	4	362.2	10	437.0	4	450.0		
315	-6	32.2	8	61.5	15	103.3	6	177.2
	4	228.4	10	404.4	4	418.8	10	424.2
	4	432.8	10	433.5	4	445.6	10	450.0
320	-6	32.2	8	57.3	15	98.1	6	188.0
	4	229.9	10	240.7	4	243.4	10	408.8
	2	450.0						
325	8	54.1	15	94.9	6	198.5	4	211.8
	1.0	291.5	10	301.2	1.0	306.6	2	450.0

Exhibit 17
Page 9

Auburn Broadcasting Inc.								
Station: WOKR 1590 kHz 43-11-44 077-57-05								
Distances are from Site to Conductivity Breaks								
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
330	8	51.6	15	90.5	6	197.8	1.0	302.9
	2	450.0						
335	8	49.5	15	88.4	6	187.4	1.0	303.2
	2	450.0						
340	8	47.7	15	87.6	6	179.5	1.0	306.9
	2	450.0						
345	8	46.3	15	86.9	6	172.5	1.0	314.2
	2	450.0						
350	6	4.8	7	18.6	8	45.3	15	86.0
	6	167.2	1.0	326.1	2	450.0		
355	6	4.8	7	18.6	8	44.7	15	85.2
	6	150.6	4	165.3	1.0	342.1	2	450.0

Negative mS/m are MEASURED Conductivity Values
Tabulated 50 mS/m represents 5000 mS/m

Auburn Broadcasting Inc.								
Station: WEHH 1600 kHz 42-07-11 076-48-37								
Distances are from Site to Conductivity Breaks								
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
0	-0.5	41.0	4	132.1	8	164.1	15	226.7
	10	244.8	4	319.4	1.0	348.3	4	433.0
	2	450.0						
5	-0.5	41.0	4	141.8	8	194.4	15	232.8
	10	262.0	4	419.9	2	450.0		
7	-0.5	41.0	4	148.0	8	211.1	15	236.8
	10	269.8	4	450.0				
10	-0.5	41.0	4	155.0	8	218.6	4	232.7
	15	245.7	10	282.2	4	410.4	2	450.0
15	-0.5	41.0	4	161.0	8	182.2	4	209.6
	8	214.3	4	256.9	10	387.9	4	423.0
	2	450.0						
20	4	306.6	10	416.0	4	437.1	2	450.0
25	4	354.3	10	427.6	4	446.5	2	450.0
30	-0.1	40.0	4	372.2	10	434.7	4	450.0
35	-0.1	40.0	4	395.0	10	450.0		
39.5	-0.4	40.0	4	421.9	10	426.8	4	450.0
40	-0.1	40.0	4	450.0				
45	-0.1	40.0	4	372.0	2	464.3		
50	-0.1	40.0	4	315.2	2	454.4		
55	4	265.5	2	411.1	0.5	450.0		
60	-0.1	36.0	4	217.2	2	397.0	1.0	450.0
65	-0.1	36.0	4	226.1	2	364.6	1.0	450.0
70	-0.1	36.0	4	306.0	2	341.4	1.0	450.0
75	-0.1	36.0	4	324.1	1.0	450.0		
80	-0.1	35.0	4	311.6	1.0	450.0		
82	-0.1	35.0	4	307.1	1.0	449.2	2	450.0
85	-0.1	35.0	4	302.4	1.0	382.6	2	450.0
90	-0.1	32.0	4	293.4	1.0	345.0	2	450.0

Exhibit 17

Page 10

Auburn Broadcasting Inc.								
Station: WEHH 1600 kHz 42-07-11 076-48-37								
Distances are from Site to Conductivity Breaks								
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
93	-0.1	32.0	4	287.6	1.0	321.6	2	450.0
95	-0.1	32.0	4	284.9	1.0	317.3	2	449.7
	50	450.0						
100	-0.1	32.0	4	274.7	1.0	320.2	2	428.4
	50	450.0						
105	4	266.7	1.0	330.1	2	335.4	50	338.1
	2	343.8	50	385.4	0.5	389.6	50	417.2
	0.5	421.7	50	450.0				
110	-0.1	32.0	4	270.4	1.0	308.8	50	352.0
	0.5	385.5	50	450.0				
115	-0.1	32.0	4	188.0	2	238.0	4	290.7
	1.0	291.7	50	303.9	4	309.6	0.5	349.5
	50	450.0						
120	-0.1	32.0	4	177.0	2	244.2	4	281.5
	50	288.0	4	295.8	0.5	318.5	50	450.0
125	-0.1	32.0	4	168.4	2	252.0	4	283.9
	50	289.7	0.5	290.7	50	450.0		
130	-0.1	33.0	4	160.7	2	214.7	4	312.4
	50	450.0						
133	-0.1	33.0	4	156.7	2	185.8	4	322.9
	50	450.0						
135	-0.1	33.0	4	154.1	2	184.4	4	328.8
	50	450.0						
140	-0.1	33.0	4	149.0	2	183.2	4	350.0
	50	450.0						
145	4	145.4	2	183.2	4	357.1	50	450.0
150	4	139.9	2	183.1	4	284.2	50	284.4
	4	372.5	50	450.0				
155	-0.5	30.0	4	129.6	2	183.2	4	280.5
	50	283.0	4	354.8	50	382.2	4	387.6
	50	450.0						
160	-0.5	30.0	4	113.1	2	183.9	4	308.3
	50	320.9	4	353.6	50	359.3	4	408.0
	2	431.4	50	432.7	2	437.0	50	450.0
165	-0.5	30.0	4	101.0	2	183.7	4	297.3
	40	300.7	4	402.5	2	450.0		
166	-0.5	30.0	4	99.8	2	184.1	4	291.5
	50	295.6	4	300.3	50	304.2	4	402.1
	2	450.0						
170	-0.5	30.0	4	94.5	2	182.8	4	306.4
	40	315.4	4	337.6	40	341.5	4	364.4
	40	364.5	4	396.8	2	433.9	50	442.3
	2	447.3	50	450.0				
175	-0.5	30.0	4	91.4	2	188.8	4	311.9
	40	312.2	4	321.2	40	332.3	4	338.5
	40	342.3	4	345.8	40	396.0	50	414.3
	4	417.8	50	424.8	4	425.9		
180	4	89.9	2	203.4	4	276.7	2	329.2
	4	428.8	50	438.6	4	450.0		

Exhibit 17
Page 11

Auburn Broadcasting Inc.								
Station: WEHH 1600 kHz 42-07-11 076-48-37								
Distances are from Site to Conductivity Breaks								
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
185	4	90.2	2	236.7	4	276.1	2	376.9
	4	387.5	50	395.2	4	415.7	50	421.2
	4	430.3	2	450.0				
190	-1.0	34.0	4	91.2	2	450.0		
195	-1.0	34.0	4	92.2	2	450.0		
199	-1.0	34.0	4	93.3	2	450.0		
200	-1.0	34.0	4	93.5	2	450.0		
205	-1.0	34.0	4	95.2	2	178.9	4	333.3
	2	450.0						
210	-1.5	30.0	4	97.6	2	171.2	4	383.7
	2	450.0						
212	-1.5	30.0	4	98.8	2	171.1	4	398.6
	2	450.0						
215	-1.5	30.0	4	100.8	2	175.1	4	414.7
	2	450.0						
220	-1.5	30.0	4	105.1	2	268.1	4	442.4
	2	450.0						
225	4	109.5	2	267.1	4	448.8	2	450.0
230	-1.0	35.0	4	115.3	2	266.1	4	391.6
	2	450.0						
235	-1.0	35.0	4	122.9	2	266.9	4	450.0
239	-1.0	35.0	4	131.0	2	269.8	4	450.0
240	-1.0	35.0	4	133.3	2	271.0	4	450.0
245	-1.0	35.0	4	146.2	2	277.9	4	343.0
	8	450.0						
250	-1.0	30.0	4	162.3	2	281.6	8	450.0
255	-1.0	30.0	4	181.1	2	262.7	8	450.0
260	-0.5	27.5	4	204.6	2	249.4	8	450.0
262	-0.5	27.5	4	216.4	2	238.5	4	254.7
	8	450.0						
265	-0.5	27.5	4	298.7	8	450.0		
270	-0.5	27.5	4	285.3	8	397.0	10	450.0
275	4	210.5	8	235.4	4	244.9	8	301.9
	10	414.1	20	450.0				
280	4	193.8	8	251.1	10	379.5	20	450.0
285	-1.0	32.0	4	182.2	8	223.9	10	291.6
	4	349.8	20	450.0				
290	-1.0	32.0	4	171.9	8	209.4	10	245.2
	20	248.5	10	251.3	20	298.2	4	362.3
	6	425.6	10	450.0				
292.5	-1.0	32.0	4	168.1	8	200.9	10	223.7
	20	303.7	4	354.3	6	427.5	10	450.0
295	-1.0	32.0	4	165.7	8	193.4	10	202.3
	20	306.2	4	350.0	6	435.6	10	450.0
300	-1.0	32.0	4	158.8	8	207.6	20	246.2
	15	277.3	20	288.6	10	291.5	4	347.4
	6	455.8						
305	-1.0	32.0	4	111.4	8	222.9	20	226.5
	15	275.0	10	308.4	4	364.1	6	450.0
310	4	97.9	8	237.4	15	267.0	6	267.2
	15	268.5	6	309.6	4	450.0		

Exhibit 17
Page 12

Auburn Broadcasting Inc.								
Station: WEHH 1600 kHz 42-07-11 076-48-37								
Distances are from Site to Conductivity Breaks								
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
315	-1.0	29.5	4	98.2	8	226.1	15	263.7
	6	307.9	4	381.4	10	450.0		
320	-1.0	29.5	4	102.9	8	213.8	15	253.6
	6	335.2	4	397.3	10	450.0		
325	-1.0	29.5	4	110.9	8	201.5	15	242.7
	6	354.1	4	359.1	1.0	439.9	10	450.3
330	-1.0	29.5	4	123.5	8	189.8	15	234.9
	6	335.6	1.0	450.0				
335	-1.0	29.5	4	138.4	8	180.6	15	225.9
	6	316.6	1.0	450.0				
340	-2	30.0	4	138.3	8	174.0	15	223.0
	4	303.0	1.0	450.0				
345	-2	30.0	4	134.9	8	169.4	15	208.0
	4	299.2	1.0	450.0				
346	-2	30.0	4	134.6	8	169.1	15	207.5
	4	299.5	1.0	450.0				
350	-2	30.0	4	132.6	8	166.4	15	196.1
	4	196.5	15	201.7	4	205.4	15	206.4
	4	299.1	1.0	450.0				
355	-2	30.0	4	129.7	8	164.6	15	197.6
	4	200.6	15	204.4	4	212.9	15	215.1
	10	216.0	15	217.1	10	219.4	15	221.6
	10	223.8	15	227.9	4	302.7	1.0	379.4

Negative mS/m are MEASURED Conductivity Values
Tabulated 50 mS/m represents 5000 mS/m

Auburn Broadcasting Inc.								
Station: WGGO 1590 kHz 42-10-24 078-41-07								
Distances are from Site to Conductivity Breaks								
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
0	4	59.0	8	154.3	15	188.7	6	281.6
	1.0	434.2	2	450.0				
5	4	65.7	8	157.1	15	192.3	6	279.5
	1.0	450.0						
10	4	71.9	8	160.0	15	200.1	6	265.4
	4	282.5	1.0	450.0				
15	4	75.5	8	163.8	15	205.3	6	236.4
	4	294.3	1.0	398.9	4	440.6	2	450.0
20	4	77.6	8	168.1	15	216.7	4	310.7
	1.0	384.0	4	450.0				
25	4	78.6	8	174.0	15	219.2	4	344.0
	1.0	356.9	4	450.0				
30	4	78.8	8	182.3	15	228.8	4	450.0
35	4	79.5	8	193.5	15	235.9	4	240.9
	15	278.3	10	326.0	4	391.0	10	450.0
40	4	80.9	8	142.8	4	162.4	8	207.9
	15	291.6	4	294.4	15	316.0	10	450.0

Exhibit 17
Page 13

Auburn Broadcasting Inc.								
Station: WGGO 1590 kHz 42-10-24 078-41-07								
Distances are from Site to Conductivity Breaks								
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
45	4	83.0	8	126.9	4	178.2	8	284.7
	4	454.7						
50	4	87.5	8	113.6	4	198.7	8	216.3
	4	226.3	8	259.7	4	505.7		
55	4	450.0						
60	4	462.2						
65	4	419.9	2	450.0				
70	4	374.8	2	450.0				
75	4	370.1	2	450.0				
80	4	450.0						
85	4	450.0						
90	4	447.3	1.0	450.0				
95	4	433.4	1.0	450.0				
100	4	418.0	1.0	450.0				
105	4	328.8	2	385.8	4	431.5	1.0	444.0
	50	450.0						
110	4	302.0	2	391.3	4	423.9	50	426.0
	4	434.9	0.5	450.0				
115	4	277.1	2	315.6	4	412.4	50	427.8
	4	439.2	50	450.0				
120	4	190.0	2	303.9	4	453.4		
125	4	163.8	2	291.5	4	450.0		
130	4	139.3	2	278.2	4	386.8	50	388.4
	4	450.0						
135	4	120.2	2	261.9	4	381.2	50	384.8
	4	461.3						
140	4	104.3	2	260.0	4	374.5	40	376.7
	4	440.2	50	441.8	4	450.0		
145	4	93.2	2	266.6	4	362.9	40	364.9
	4	372.9	40	380.0	4	450.0		
150	4	85.2	2	278.0	4	324.4	2	355.3
	4	371.2	40	427.5	4	436.5	40	441.7
	4	450.4	40	454.0				
155	4	78.8	2	169.8	4	199.2	2	292.7
	4	305.3	2	373.7	4	450.0		
160	4	73.7	2	160.6	4	227.8	2	396.1
	4	408.3	50	409.9	4	455.2		
165	4	69.8	2	164.1	4	252.3	2	450.0
170	4	66.7	2	178.9	4	277.4	2	450.0
175	4	64.1	2	200.3	4	302.7	2	450.0
180	4	61.9	2	219.9	4	325.3	2	450.0
185	4	60.3	2	209.2	4	341.9	2	450.0
190	4	59.2	2	195.8	4	353.5	2	450.0
195	4	58.5	2	183.4	4	362.4	2	450.0
200	4	58.2	2	173.7	4	371.0	2	450.0
205	4	58.3	2	167.0	4	293.6	2	347.3
	4	370.8	2	450.0				
210	4	58.8	2	162.5	4	302.8	2	450.0
215	4	59.7	2	159.3	4	335.2	2	450.0
220	4	61.2	2	157.5	4	371.2	2	450.0

Exhibit 17
Page 14

Auburn Broadcasting Inc.								
Station: WGGO 1590 kHz 42-10-24 078-41-07								
Distances are from Site to Conductivity Breaks								
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
225	4	63.2	2	154.2	8	238.3	4	400.9
	2	450.0						
230	4	66.0	2	129.6	8	465.0		
235	4	69.6	2	115.2	8	450.0		
240	4	76.3	2	102.9	8	450.0		
245	4	106.9	8	392.5	15	450.0		
250	4	122.4	8	374.7	15	450.0		
255	4	144.4	8	356.2	15	431.7	8	450.0
260	4	174.5	8	350.5	15	352.0	8	361.8
	15	418.2	8	450.0				
265	4	133.4	8	261.4	10	354.5	8	450.0
270	4	109.7	8	116.3	4	118.1	8	213.7
	10	306.6	20	365.4	8	461.6		
275	4	98.5	8	154.7	10	259.5	20	350.3
	8	450.0						
280	4	55.9	8	125.2	10	242.7	20	342.8
	15	362.6	8	450.0				
285	4	51.3	8	110.2	10	219.9	20	320.4
	15	380.6	8	450.0				
290	4	48.6	8	99.4	10	123.5	4	130.4
	10	153.5	4	196.1	20	303.0	10	318.8
	8	327.8	15	399.2	8	450.0		
295	4	46.8	8	92.1	10	145.7	4	207.2
	20	289.8	10	317.9	8	344.2	15	421.2
	8	450.0						
300	4	45.5	8	86.3	10	137.6	20	146.3
	4	220.2	6	282.7	10	321.1	8	364.5
	15	419.8	8	450.0				
305	4	44.5	8	81.8	10	125.0	20	155.7
	4	215.3	6	297.9	10	342.4	8	450.0
310	4	44.0	8	78.6	10	116.7	20	167.6
	4	214.7	6	318.3	10	369.7	8	450.0
315	4	43.7	8	77.4	10	106.8	20	173.6
	4	217.8	6	329.4	10	405.1	8	450.0
320	4	43.8	8	76.7	10	99.1	20	172.4
	4	228.3	6	329.5	4	334.8	10	450.0
325	4	44.3	8	76.7	10	94.0	20	145.2
	15	156.1	20	164.1	10	178.1	4	358.1
	10	450.0						
330	4	44.9	8	76.1	10	90.0	20	132.0
	15	161.2	10	199.7	4	327.6	10	450.0
335	4	45.8	8	76.0	10	83.8	20	124.9
	15	168.9	6	208.1	4	286.3	10	450.0
340	4	47.1	8	76.4	10	83.3	20	124.8
	15	172.2	6	213.5	4	313.5	10	386.9
	2	387.2	10	402.4	2	450.0		
345	4	48.8	8	78.8	10	81.6	20	91.3
	8	112.6	20	126.5	15	133.0	8	146.0
	15	174.9	6	256.3	4	299.0	1.0	385.0
	2	450.0						

Exhibit 17
Page 15

Auburn Broadcasting Inc.								
Station: WGGO 1590 kHz 42-10-24 078-41-07								
Distances are from Site to Conductivity Breaks								
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
350	4	51.1	8	148.9	15	184.4	6	289.0
	1.0	394.6	2	450.0				
355	4	54.0	8	151.7	15	186.7	6	284.1
	1.0	410.6	2	450.0				

Tabulated 50 mS/m represents 5000 mS/m

Auburn Broadcasting Inc.								
Station: WPSN 1590 kHz 41-33-13 075-15-18								
Distances are from Site to Conductivity Breaks								
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
0	4	367.3	10	446.3	4	450.0		
5	4	383.8	10	450.0				
10	4	388.7	10	448.8	4	450.0		
15	4	396.8	10	450.0				
20	4	180.3	2	190.1	4	408.3	10	450.0
25	4	173.0	2	424.6	4	450.0		
30	4	180.4	2	446.8	4	450.0		
35	4	196.1	2	371.8	0.5	450.0		
40	4	214.0	2	342.4	1.0	348.4	0.5	450.0
45	4	230.5	2	285.8	1.0	450.0		
50	4	244.4	2	248.5	1.0	422.6	2	450.0
55	4	223.4	1.0	398.3	2	450.0		
60	4	204.6	1.0	392.0	2	450.0		
65	4	190.1	1.0	378.0	2	405.0	50	450.0
70	4	176.4	1.0	330.6	2	389.6	50	450.0
75	4	164.0	1.0	225.4	2	358.6	50	450.0
80	4	154.3	1.0	190.7	2	386.5	50	450.0
85	4	142.7	1.0	185.8	2	323.4	50	326.1
	2	398.3	50	433.0	2	442.7	50	450.0
90	4	133.5	1.0	186.1	2	320.6	50	337.9
	2	338.6	50	450.0				
95	4	127.8	1.0	188.5	2	241.5	50	244.0
	2	256.2	50	261.6	2	262.6	50	450.0
100	4	125.3	1.0	192.4	50	245.6	0.5	250.6
	50	280.3	0.5	285.4	50	450.0		
105	4	52.5	2	77.5	4	128.5	1.0	172.8
	50	230.0	0.5	236.4	50	246.7	0.5	258.9
	50	450.0						
110	4	47.9	2	88.8	4	134.8	1.0	157.7
	50	189.2	0.5	233.7	50	450.0		
115	4	44.4	2	94.5	4	145.9	1.0	149.1
	50	162.0	4	168.7	0.5	209.1	50	450.0
120	4	41.7	2	96.8	4	144.2	50	156.7
	4	160.6	0.5	188.6	50	450.0		
125	4	39.6	2	100.0	4	140.4	50	144.7
	4	154.1	0.5	175.7	50	450.0		
130	4	37.9	2	104.8	4	138.0	50	138.3
	4	139.9	50	142.3	4	145.4	0.5	152.9

Exhibit 17

Page 16

	50	161.2	0.5	163.1	50	450.0		
135	4	36.7	2	110.9	4	142.2	50	149.6
	0.5	151.5	50	450.0				
140	4	35.8	2	112.8	4	145.7	50	162.3
	4	167.4	50	450.0				
145	4	35.3	2	108.6	4	184.2	50	450.0
150	4	35.0	2	99.5	4	199.7	50	450.0
155	4	34.9	2	87.5	4	223.7	50	450.0
160	4	35.2	2	76.2	4	239.5	50	450.0
165	4	35.7	2	67.7	4	252.9	50	450.0
170	4	36.5	2	64.0	4	276.8	50	450.0
175	4	37.7	2	65.1	4	262.9	50	450.0
180	4	38.9	2	68.6	4	186.5	50	188.8
	4	252.3	50	294.3	4	322.7	2	375.1
	50	450.0						
185	4	40.4	2	73.8	4	195.9	50	202.4
	4	233.6	50	243.3	4	327.8	2	399.5
	50	403.3	2	408.9	50	411.6	2	449.1
	50	450.0						
190	4	42.3	2	80.5	4	332.8	2	368.9
	50	450.0						
195	4	44.8	2	89.2	4	236.2	40	242.7
	4	248.0	40	250.3	4	275.4	40	278.5
	4	299.4	40	309.4	4	312.0	40	316.9
	4	321.0	40	334.7	4	339.7	40	343.0
	50	350.7	2	356.4	50	381.7	4	393.3
	50	408.5	4	439.9	50	447.2	2	450.0
200	4	48.0	2	98.7	4	250.1	40	257.9
	4	263.4	40	297.4	4	300.7	40	308.8
	4	310.5	40	318.4	4	359.5	50	363.8
	4	389.8	50	398.6	4	417.5	50	421.9
	4	422.7	2	450.0				
205	4	52.1	2	110.9	4	278.4	40	281.1
	4	380.7	50	387.7	4	405.8	2	450.0
210	4	57.5	2	123.7	4	248.1	2	450.0
215	4	64.6	2	138.6	4	258.1	2	450.0
220	4	74.3	2	152.2	4	264.7	2	450.0
225	4	83.0	2	450.0				
230	4	88.8	2	339.7	4	397.1	2	450.0
235	4	93.8	2	266.0	4	474.1		
240	4	97.1	2	238.7	4	450.0		
245	4	101.4	2	228.4	4	303.2	2	333.3
	4	452.3						
250	4	106.6	2	234.5	4	267.7	2	344.6
	4	450.0						
255	4	116.3	2	356.3	4	450.0		
260	4	147.3	2	373.4	4	452.9		
265	4	191.9	2	397.2	4	400.2	8	450.0
270	4	246.8	2	383.5	8	450.0		
275	4	323.2	2	370.3	4	385.3	8	450.0
280	4	413.6	8	450.0				
285	4	344.3	8	406.7	10	450.0		
290	4	326.4	8	366.5	10	430.3	20	432.4
	4	450.0						
295	4	311.3	8	342.9	10	366.6	20	448.5
	4	450.0						

Exhibit 17
Page 17

Auburn Broadcasting Inc.								
Station: WPSN 1590 kHz 41-33-13 075-15-18								
Distances are from Site to Conductivity Breaks								
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
300	4	292.2	8	357.7	20	379.5	15	419.8
	10	437.1	4	450.0				
305	4	238.8	8	380.3	15	414.9	6	441.8
	10	450.0						
310	4	247.8	8	356.4	15	399.9	6	445.9
	4	450.0						
315	4	262.4	8	326.1	15	375.2	6	450.0
320	4	253.9	8	298.3	15	353.3	6	450.0
325	4	236.8	8	278.7	15	336.2	4	376.2
	6	429.0	1.0	450.0				
330	4	232.8	8	263.4	15	297.2	4	408.3
	1.0	450.0						
335	4	237.2	8	271.3	15	308.5	4	311.2
	15	313.6	10	325.6	4	398.3	1.0	450.0
340	4	234.9	8	289.5	15	315.1	10	335.8
	4	394.9	1.0	450.0				
345	4	274.3	8	277.3	4	281.9	8	289.3
	4	304.0	15	315.8	10	343.3	4	450.0
350	4	316.1	10	358.0	4	450.0		
355	4	340.2	10	420.4	4	450.0		

Tabulated 50 mS/m represents 5000 mS/m

Auburn Broadcasting Inc.								
Station: WMCR 1600 kHz 43-05-04 075-41-35								
Distances are from Site to Conductivity Breaks								
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
0	4	59.0	8	154.3	15	188.7	6	281.6
	1.0	434.2	2	450.0				
5	4	65.7	8	157.1	15	192.3	6	279.5
	1.0	450.0						
10	4	71.9	8	160.0	15	200.1	6	265.4
	4	282.5	1.0	450.0				
15	4	75.5	8	163.8	15	205.3	6	236.4
	4	294.3	1.0	398.9	4	440.6	2	450.0
20	4	77.6	8	168.1	15	216.7	4	310.7
	1.0	384.0	4	450.0				
25	4	78.6	8	174.0	15	219.2	4	344.0
	1.0	356.9	4	450.0				
30	4	78.8	8	182.3	15	228.8	4	450.0
35	4	79.5	8	193.5	15	235.9	4	240.9
	15	278.3	10	326.0	4	391.0	10	450.0
40	4	80.9	8	142.8	4	162.4	8	207.9
	15	291.6	4	294.4	15	316.0	10	450.0
45	4	83.0	8	126.9	4	178.2	8	284.7
	4	454.7						
50	4	87.5	8	113.6	4	198.7	8	216.3
	4	226.3	8	259.7	4	505.7		
55	4	450.0						
60	4	462.2						

Auburn Broadcasting Inc.								
Station: WMCR 1600 kHz 43-05-04 075-41-35								
Distances are from Site to Conductivity Breaks								
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
65	4	419.9	2	450.0				
70	4	374.8	2	450.0				
75	4	370.1	2	450.0				
80	4	450.0						
85	4	450.0						
90	4	447.3	1.0	450.0				
95	4	433.4	1.0	450.0				
100	4	418.0	1.0	450.0				
105	4	328.8	2	385.8	4	431.5	1.0	444.0
	50	450.0						
110	4	302.0	2	391.3	4	423.9	50	426.0
	4	434.9	0.5	450.0				
115	4	277.1	2	315.6	4	412.4	50	427.8
	4	439.2	50	450.0				
120	4	190.0	2	303.9	4	453.4		
125	4	163.8	2	291.5	4	450.0		
130	4	139.3	2	278.2	4	386.8	50	388.4
	4	450.0						
135	4	120.2	2	261.9	4	381.2	50	384.8
	4	461.3						
140	4	104.3	2	260.0	4	374.5	40	376.7
	4	440.2	50	441.8	4	450.0		
145	4	93.2	2	266.6	4	362.9	40	364.9
	4	372.9	40	380.0	4	450.0		
150	4	85.2	2	278.0	4	324.4	2	355.3
	4	371.2	40	427.5	4	436.5	40	441.7
	4	450.4	40	454.0				
155	4	78.8	2	169.8	4	199.2	2	292.7
	4	305.3	2	373.7	4	450.0		
160	4	73.7	2	160.6	4	227.8	2	396.1
	4	408.3	50	409.9	4	455.2		
165	4	69.8	2	164.1	4	252.3	2	450.0
170	4	66.7	2	178.9	4	277.4	2	450.0
175	4	64.1	2	200.3	4	302.7	2	450.0
180	4	61.9	2	219.9	4	325.3	2	450.0
185	4	60.3	2	209.2	4	341.9	2	450.0
190	4	59.2	2	195.8	4	353.5	2	450.0
195	4	58.5	2	183.4	4	362.4	2	450.0
200	4	58.2	2	173.7	4	371.0	2	450.0
205	4	58.3	2	167.0	4	293.6	2	347.3
	4	370.8	2	450.0				
210	4	58.8	2	162.5	4	302.8	2	450.0
215	4	59.7	2	159.3	4	335.2	2	450.0
220	4	61.2	2	157.5	4	371.2	2	450.0
225	4	63.2	2	154.2	8	238.3	4	400.9
	2	450.0						
230	4	66.0	2	129.6	8	465.0		
235	4	69.6	2	115.2	8	450.0		
240	4	76.3	2	102.9	8	450.0		
245	4	106.9	8	392.5	15	450.0		
250	4	122.4	8	374.7	15	450.0		

Exhibit 17
Page 19

Auburn Broadcasting Inc.								
Station: WMCR 1600 kHz 43-05-04 075-41-35								
Distances are from Site to Conductivity Breaks								
AZIMUTH	mS/m	KM	mS/m	KM	mS/m	KM	mS/m	KM
<hr/>								
255	4	144.4	8	356.2	15	431.7	8	450.0
260	4	174.5	8	350.5	15	352.0	8	361.8
	15	418.2	8	450.0				
265	4	133.4	8	261.4	10	354.5	8	450.0
270	4	109.7	8	116.3	4	118.1	8	213.7
	10	306.6	20	365.4	8	461.6		
275	4	98.5	8	154.7	10	259.5	20	350.3
	8	450.0						
280	4	55.9	8	125.2	10	242.7	20	342.8
	15	362.6	8	450.0				
285	4	51.3	8	110.2	10	219.9	20	320.4
	15	380.6	8	450.0				
290	4	48.6	8	99.4	10	123.5	4	130.4
	10	153.5	4	196.1	20	303.0	10	318.8
	8	327.8	15	399.2	8	450.0		
295	4	46.8	8	92.1	10	145.7	4	207.2
	20	289.8	10	317.9	8	344.2	15	421.2
	8	450.0						
300	4	45.5	8	86.3	10	137.6	20	146.3
	4	220.2	6	282.7	10	321.1	8	364.5
	15	419.8	8	450.0				
305	4	44.5	8	81.8	10	125.0	20	155.7
	4	215.3	6	297.9	10	342.4	8	450.0
310	4	44.0	8	78.6	10	116.7	20	167.6
	4	214.7	6	318.3	10	369.7	8	450.0
315	4	43.7	8	77.4	10	106.8	20	173.6
	4	217.8	6	329.4	10	405.1	8	450.0
320	4	43.8	8	76.7	10	99.1	20	172.4
	4	228.3	6	329.5	4	334.8	10	450.0
325	4	44.3	8	76.7	10	94.0	20	145.2
	15	156.1	20	164.1	10	178.1	4	358.1
	10	450.0						
330	4	44.9	8	76.1	10	90.0	20	132.0
	15	161.2	10	199.7	4	327.6	10	450.0
335	4	45.8	8	76.0	10	83.8	20	124.9
	15	168.9	6	208.1	4	286.3	10	450.0
340	4	47.1	8	76.4	10	83.3	20	124.8
	15	172.2	6	213.5	4	313.5	10	386.9
	2	387.2	10	402.4	2	450.0		
345	4	48.8	8	78.8	10	81.6	20	91.3
	8	112.6	20	126.5	15	133.0	8	146.0
	15	174.9	6	256.3	4	299.0	1.0	385.0
	2	450.0						
350	4	51.1	8	148.9	15	184.4	6	289.0
	1.0	394.6	2	450.0				
355	4	54.0	8	151.7	15	186.7	6	284.1
	1.0	410.6	2	450.0				

Tabulated 50 mS/m represents 5000 mS/m

Existing Overlap with WOKR

An overlap of the licensed WAUB 0.025 mV/m groundwave contour with the licensed WOKR 0.5 mV/m groundwave contour has long existed. The licensee of WOKR has filed an application (BP-20140124AME) to change frequency to 1600 kHz and modify its directional antenna pattern in an effort to improve its service and eliminate this overlap. Without presuming upon the grantability of that application, the instant application does not increase the area or change the location of the existing overlap with the licensed WOKR contour. The existing daytime inverse distance field values across an arc from 280° to 310° True were used as the radiation limits across that arc when calculating the maximum power for the proposed WAUB daytime facility, and all proposed values across that arc (and toward the WOKR licensed 0.5 mV/m contour) are below those values.