

MINOR CHANGE APPLICATION
MODIFY BP-20080227ACB
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.003/0.92/1.5 kW - ND
TOLEDO, OHIO
October 2009

EXHIBIT #2A

AM Broadcast Daytime Allocation Study

LATITUDE 41:37:00 LONGITUDE 83:37:17

FACTORS AFFECTING 1560 kHz

*****		1530 KHZ		*****	
KM	(MI)	DEGREES	LATITUDE/LONGITUDE	TY SH CL	KW ANTENNA CALL CO ST CITY
295.14	(183.39)	196.7	39: 4: 7/ 84:36:20	LI D A	50.00 DAN-2867.7 WCKY US OH CINCINNATI
3200.72	(1988.84)	277.2	38:50:54/121:28:58	LI D A	50.00 DA2-3545.9 KFBK US CA SACRAMENTO
				MAXIMUM SEARCH DISTANCE 102	KILOMETERS
					CLASS A

*****		1540 KHZ		*****	
KM	(MI)	DEGREES	LATITUDE/LONGITUDE	TY SH CL	KW ANTENNA CALL CO ST CITY
97.21	(60.41)	308.2	42: 9:13/ 84:32:57	LI D D	0.45 NDD- 268.8 KTGG US MI SPRING ARBOR
97.21	(60.41)	308.2	42: 9:13/ 84:32:57	LI C D	0.19 NDD- 172.3 KTGG US MI SPRING ARBOR
110.77	(68.83)	148.6	40:45:51/ 82:56: 5	LI D D	0.50 DAD- 203.4 WBCO US OH BUCYRUS
140.02	(87.01)	231.2	40:49:14/ 84:55:12	LI D D	0.25 NDD- 141.0 WADM US IN DECATUR
143.20	(88.98)	329.2	42:43:13/ 84:31: 9	CP D D	0.40 ND2- 241.5 KTGG US MI OKEMOS
143.20	(88.98)	329.2	42:43:13/ 84:31: 9	CP C D	0.22 ND2- 178.7 KTGG US MI OKEMOS
160.91	(99.98)	101.3	41:19: 0/ 81:43:51	CP D D	3.00 DA2- 545.0 WWGK US OH CLEVELAND
160.91	(99.98)	101.3	41:19: 0/ 81:43:51	CP C D	1.50 DA2- 386.0 WWGK US OH CLEVELAND
165.85	(103.05)	93.7	41:30:10/ 81:37:57	LI D D	1.00 NDD- 282.0 WWGK US OH CLEVELAND
				MAXIMUM SEARCH DISTANCE 206	KILOMETERS

*****		1550 KHZ		*****	
KM	(MI)	DEGREES	LATITUDE/LONGITUDE	TY SH CL	KW ANTENNA CALL CO ST CITY
88.23	(54.82)	40.8	42:12:56/ 82:55:15	-- U 1B	10.00 DA1-1199.0 CBE CA ON WINDSOR
154.18	(95.80)	161.6	40:17:56/ 83: 2:46	LI D D	0.50 DA2- 202.8 WDLR US OH DELAWARE
239.95	(149.10)	219.4	39:55:59/ 85:24:26	LI D D	0.25 DA2- 148.1 WMDH US IN NEW CASTLE
280.14	(174.07)	318.1	43:28:15/ 85:56:25	LI D D	1.00 NDD- 302.6 WSHN US MI FREMONT
327.43	(203.46)	239.3	40: 3:56/ 86:56: 1	LI D D	0.25 ND1- 151.3 WCVL US IN CRAWFORDSVILLE
342.99	(213.12)	111.7	40:24:47/ 79:51:14	LI D D	1.00 ND2- 368.5 WLPF US PA BRADDOCK
352.38	(218.96)	281.5	42:10:17/ 87:48:59	AP D D	1.30 NDD- 230.2 WZRK US IL NORTHBROOK
401.04	(249.20)	267.2	41:20:29/ 88:25:31	LI D D	0.25 ND1- 142.4 WCSJ US IL MORRIS
407.79	(253.39)	287.0	42:35:39/ 88:23:24	LI D D	1.00 DA2- 288.1 WZRK US WI LAKE GENEVA
426.64	(265.10)	229.8	39: 4:32/ 87:23:57	LI D D	0.25 NDD- 141.6 WNDI US IN SULLIVAN
				MAXIMUM SEARCH DISTANCE 428	KILOMETERS

*****		1560 KHZ		*****	
KM	(MI)	DEGREES	LATITUDE/LONGITUDE	TY SH CL	KW ANTENNA CALL CO ST CITY
817.40	(507.91)	93.8	40:43: 0/ 73:55:4	LI D A	50.00 DA2-2655.4 WQEW US NY NEW YORK
3137.58	(1949.60)	268.8	35:18:30/119: 2:46	LI D A	25.00 DAN-2096.0 KNZR US CA BAKERSFIELD
0.12	(0.07)	255.2	41:36:59/ 83:37:22	LI D D	5.00 DAD- 631.5 WTOD US OH TOLEDO
1.49	(0.93)	314.7	41:37:34/ 83:38: 3	CP D D	4.30 DA2- 599.0 WTOD US OH TOLEDO
174.68	(108.54)	291.8	42:10:59/ 85:35:30	LI D D	4.10 DAD- 637.0 WNNW US MI PORTAGE
211.91	(131.67)	134.1	40:16:30/ 81:49:37	LI D D	1.00 NDD- 329.9 WTNS US OH COSHOCTON
264.37	(164.27)	197.1	39:20:20/ 84:31:30	LI C D	1.00 DA2- 362.1 WCNW US OH FAIRFIELD
264.37	(164.27)	197.1	39:20:20/ 84:31:30	LI D D	5.00 DA2- 651.8 WCNW US OH FAIRFIELD
303.61	(188.66)	257.3	40:57:41/ 87: 9: 7	LI C D	0.50 NDD- 216.2 WRIN US IN RENSSELAER
303.61	(188.66)	257.3	40:57:41/ 87: 9: 7	LI D D	1.00 NDD- 282.0 WRIN US IN RENSSELAER
394.22	(244.96)	294.6	43: 0:32/ 88: 2: 6	LI D D	0.19 DA2- 142.5 WGLB US WI ELM GROVE
405.97	(252.26)	124.5	39:28:50/ 79:43:11	LI D D	1.00 NDD- 296.1 WFSP US WV KINGWOOD
405.97	(252.26)	124.5	39:28:50/ 79:43:11	LI C D	0.25 NDD- 148.1 WFSP US WV KINGWOOD
419.30	(260.54)	216.3	38:32:25/ 86:28:42	LI D D	0.25 NDD- 142.4 WSEZ US IN PAOLI
483.94	(300.70)	175.5	37:16:27/ 83:11:29	LI D D	1.00 NDD- 306.0 WQXY US KY HAZARD

483.94	(300.70)	175.5	37:16:27/ 83:11:29	LI C D	0.50 NDD-	216.4	WQXY US KY HAZARD
491.69	(305.52)	193.5	37:18:22/ 84:55: 2	LI D D	1.00 NDD-	305.8	WKDO US KY LIBERTY
548.96	(341.11)	259.6	40:32:40/ 90: 1:15	LI D	0.25 ND2-	173.0	WBYS US IL CANTON
628.86	(390.76)	203.8	36:24: 3/ 86:27: 3	LI D	1.00 ND2-	302.7	WMRO US TN GALLATIN
631.56	(392.43)	155.8	36:23:36/ 80:44: 5	LI D	1.00 NDD-	299.3	WYZD US NC DOBSON
631.56	(392.43)	155.8	36:23:36/ 80:44: 5	LI C	0.50 NDD-	211.7	WYZD US NC DOBSON

MAXIMUM SEARCH DISTANCE 656 KILOMETERS

			***** 1570 KHZ *****				
KM	(MI)	DEGREES	LATITUDE/LONGITUDE	TY SH CL	KW	ANTENNA	CALL CO ST CITY
123.21	(76.56)	255.7	41:20: 1/ 85: 3: 8	LI D D	0.50 DA2-	224.0	WGLL US IN AUBURN
154.94	(96.27)	359.1	43: 0:39/ 83:39: 3	LI D D	1.00 ND1-	282.0	WWCK US MI FLINT
172.83	(107.39)	198.6	40: 8:25/ 84:16: 7	LI U B	0.25 ND1-	160.9	WPTW US OH PIQUA
226.29	(140.61)	311.7	42:57:14/ 85:41:52	LI D B	1.00 ND1-	418.4	WFUR US MI GRAND RAPIDS
236.11	(146.71)	100.2	41:12:22/ 80:50:29	LI D D	0.50 DA2-	204.7	WANR US OH WARREN
239.98	(149.12)	58.9	42:42:22/ 81: 6:20	-- D B	10.00 DA2-	957.6	CHLO CA ON ST. THOMAS
239.98	(149.12)	58.9	42:42:22/ 81: 6:20	-- D 2	10.00 DA2-	967.2	CHLO CA ON ST. THOMAS
282.66	(175.64)	239.2	40:16:40/ 86:29: 7	LI D B	0.25 ND1-	150.5	WIL0 US IN FRANKFORT
336.32	(208.98)	175.9	38:35:50/ 83:20:50	LI D D	1.00 NDD-	302.6	WKKS US KY VANCEBURG
337.10	(209.46)	271.1	41:36:14/ 87:40:45	LI D	1.10 DA2-	332.6	WBGX US IL HARVEY
385.80	(239.72)	110.8	40:18: 7/ 79:21:56	LI D D	1.00 NDD-	304.2	WQTW US PA LATROBE
409.13	(254.22)	207.4	38:19:40/ 85:46:56	LI D B	1.50 ND1-	389.3	WNDA US IN NEW ALBANY

MAXIMUM SEARCH DISTANCE 418 KILOMETERS

			***** 1580 KHZ *****				
KM	(MI)	DEGREES	LATITUDE/LONGITUDE	TY SH CL	KW	ANTENNA	CALL CO ST CITY
168.68	(104.82)	333.4	42:58:14/ 84:32:59	LI D D	1.00 DA2-	283.2	WWSJ US MI ST. JOHNS
181.91	(113.03)	161.6	40: 3:42/ 82:56:41	LI D	3.20 DA2-	553.2	WVKO US OH COLUMBUS

MAXIMUM SEARCH DISTANCE 196 KILOMETERS

			***** 1590 KHZ *****				
KM	(MI)	DEGREES	LATITUDE/LONGITUDE	TY SH CL	KW	ANTENNA	CALL CO ST CITY
**** NO STATIONS FOUND WITHIN ****							
MAXIMUM SEARCH DISTANCE 94 KILOMETERS							

			***** 780 KHZ *****				
KM	(MI)	DEGREES	LATITUDE/LONGITUDE	TY SH CL	KW	ANTENNA	CALL CO ST CITY
5529.37	(3435.79)	326.1	64:29:16/165:17:58	LI D A	25.00 ND1-	1450.0	KNOM US AK NOME

MAXIMUM SEARCH DISTANCE 50 KILOMETERS

CLASS A

WTOD - TOLEDO, OH - PROPOSED

Freq: 1560 kHz / Class: D
Latitude: 41-37-00 N / Longitude: 083-37-17 W
Power: 1.5 kW / RMS: 322 mV/m @1km
Towers: 1

WQEW - NEW YORK, NY

Freq: 1560 kHz / Class: A
Latitude: 40-43-00 N / Longitude: 073-55-04 W
Power: 50 kW / RMS: 2655.42 mV/m @1km
Towers: 2

**CO-CHANNEL ALLOCATION CLEARANCE
CLASS A**

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

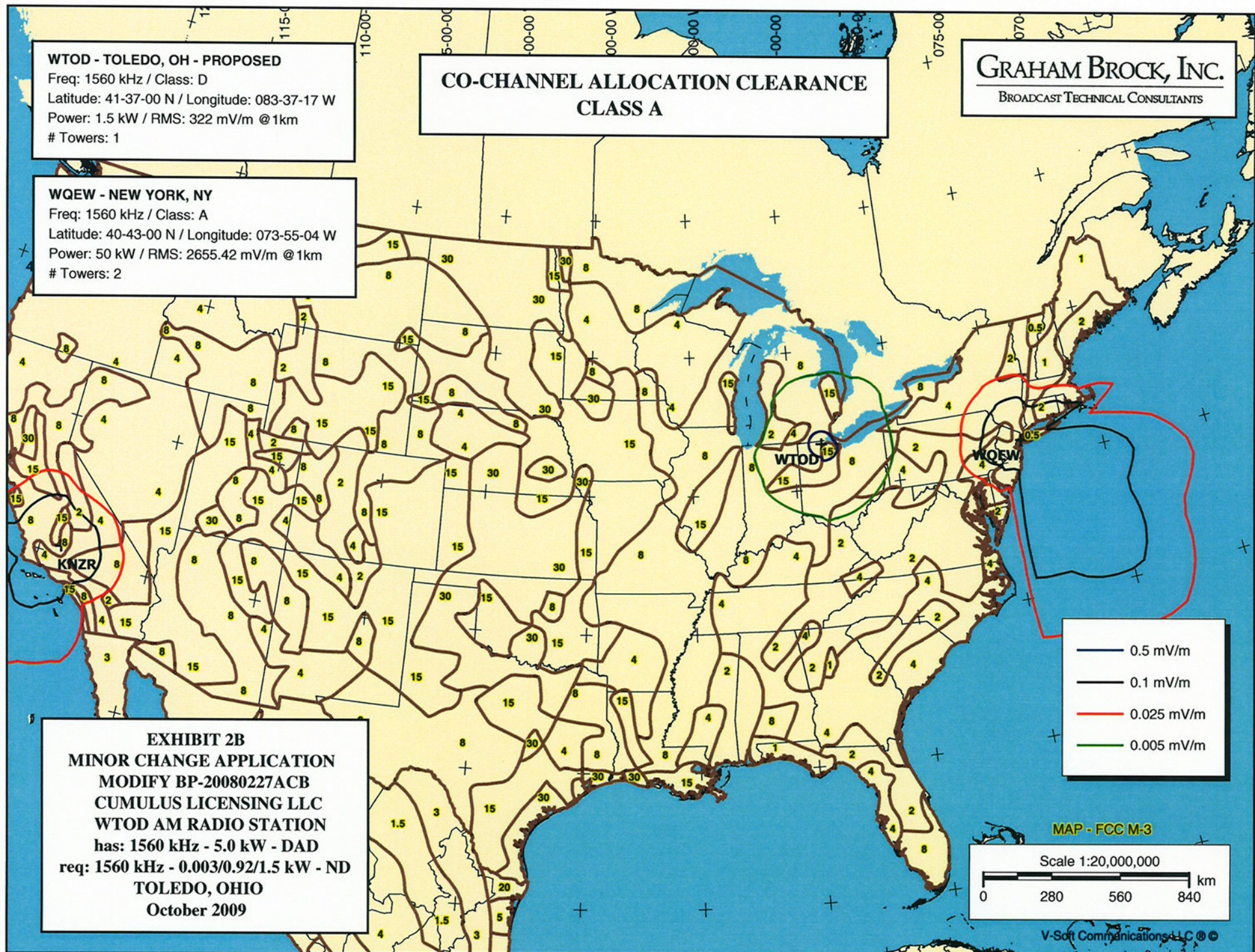


EXHIBIT 2B

**MINOR CHANGE APPLICATION
MODIFY BP-20080227ACB
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.003/0.92/1.5 kW - ND
TOLEDO, OHIO
October 2009**

MAP - FCC M-3

Scale 1:20,000,000

0 280 560 840 km

V-Soft Communications LLC ©

**CO-CHANNEL ALLOCATION CLEARANCE
CLASS B & D**

WTOD - TOLEDO, OH - PROPOSED
Freq: 1560 kHz / Class: D
Latitude: 41-37-00 N / Longitude: 083-37-17 W
Power: 1.5 kW / RMS: 322 mV/m @1km
Towers: 1 - Solid Lines

WTOD - TOLEDO, OH - PRESENT
Freq: 1560 kHz / Class: D
Latitude: 41-36-59 N / Longitude: 083-37-22 W
Power: 5 kW / RMS: 631.51 mV/m @1km
Towers: 2 - Dashed Lines

WCNW - FAIRFIELD, OH - DAY
Freq: 1560 kHz / Class: D
Latitude: 39-20-20 N / Longitude: 084-31-30 W
Power: 5 kW / RMS: 651.78 mV/m @1km
Towers: 4

WNWN - PORTAGE, MI
Freq: 1560 kHz / Class: D
Latitude: 42-10-59 N / Longitude: 085-35-30 W
Power: 4.1 kW / RMS: 637.03 mV/m @1km
Towers: 2

— 0.5 mV/m
— 0.025 mV/m

WCNW - FAIRFIELD, OH - C.H.
Freq: 1560 kHz / Class: D
Latitude: 39-20-20 N / Longitude: 084-31-30 W
Power: 1 kW / RMS: 362.1 mV/m @1km
Towers: 2

WTNS - COSHOCTON, OH
Freq: 1560 kHz / Class: D
Latitude: 40-16-30 N / Longitude: 081-49-37 W
Power: 1 kW / RMS: 329.92 mV/m @1km
Towers: 1

INTERFERENCE FROM WTNS REDUCED
PRESENT - 2,546 sq. km.
PROPOSED - 1,453 sq. km.

INTERFERENCE TO WTNS REDUCED
PRESENT - 1,925 sq. km.
PROPOSED - 1,764 sq. km.

INTERFERENCE TO WCNW ELIMINATED

EXHIBIT 2C
MINOR CHANGE APPLICATION
MODIFY BP-20080227ACB
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WTOD AM RADIO STATION
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req: 1560 kHz - 0.003/0.92/1.5 kW - ND
TOLEDO, OHIO
October 2009

MAP - FCC M-3

Scale 1:5,000,000

0 70 140 210 km

WTOD - TOLEDO, OH - PROPOSED

Freq: 1560 kHz / Class: D
Latitude: 41-37-00 N / Longitude: 083-37-17 W
Power: 1.5 kW / RMS: 322 mV/m @1km
Towers: 1 - Solid Lines

WTOD - TOLEDO, OH - PRESENT

Freq: 1560 kHz / Class: D
Latitude: 41-36-59 N / Longitude: 083-37-22 W
Power: 5 kW / RMS: 631.51 mV/m @1km
Towers: 2 - Dashed Lines

CBE - Windsor, ON

Freq: 1550 kHz / Class: A
Latitude: 42-12-56 N / Longitude: 082-55-15 W
Power: 10 kW / RMS: 1198.96 mV/m @1km
Towers: 2

**1st ADJACENT-CHANNEL
INTERNATIONAL ALLOCATION CLEARANCE**

GRAHAM BROCK, INC.
BROADCAST TECHNICAL CONSULTANTS

INTERFERENCE BETWEEN WTOD AND CBE REDUCED
PRESENT - 1,402 sq. km. (land area)
PROPOSED - 608.2 sq. km. (land area)

— 0.5 mV/m
— 0.25 mV/m

EXHIBIT 2D
MINOR CHANGE APPLICATION
MODIFY BP-20080227ACB
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.003/0.92/1.5 kW - ND
TOLEDO, OHIO
October 2009

Scale 1:2,500,000

0 30 60 90 km

V-Sat Communications LLC ©

MINOR CHANGE APPLICATION
MODIFY BP-20080227ACB
CUMULUS LICENSING LLC
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has: 1560 kHz - 5.0 kW - DAD
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TOLEDO, OHIO
October 2009

EXHIBIT #2E1

Proposed Domestic Daytime Allocation Contour Tabulation

North Latitude: 41° 37' 00"
West Longitude: 83° 37' 17"

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :					
		Contour levels in mV/m.					
		25.000	5.000	.500	.250	.025	.005
0.0	394.37	7.79	18.81	51.33	68.88	170.72	278.48
5.0	394.37	7.79	18.81	51.33	68.88	170.72	281.70
10.0	394.37	7.79	18.81	51.33	68.88	170.75	288.40
15.0	394.37	7.79	18.81	51.33	68.88	174.83	292.30
20.0	394.37	7.79	18.81	51.33	68.88	177.50	292.09
25.0	394.37	7.79	18.81	51.33	68.88	179.74	291.28
30.0	394.37	7.79	18.81	51.33	68.88	181.66	292.25
35.0	394.37	7.79	18.81	51.33	68.88	198.14	307.29
40.0	394.37	7.79	18.81	51.33	70.39	203.52	312.75
45.0	394.37	7.79	18.81	51.33	70.86	203.99	316.47
50.0	394.37	7.79	18.81	51.33	70.51	203.64	316.73
55.0	394.37	7.79	18.81	51.33	70.23	203.17	314.12
60.0	394.37	7.79	18.81	51.33	70.20	192.99	299.49
65.0	394.37	7.79	18.81	51.33	69.92	179.76	288.73
70.0	394.37	7.79	18.81	51.33	69.55	178.60	290.32
75.0	394.37	7.79	18.81	51.33	69.10	177.43	285.19
80.0	394.37	7.79	18.81	54.14	71.69	177.72	283.58
85.0	394.37	7.79	19.71	56.78	74.33	177.81	285.58
90.0	394.37	7.79	21.07	59.97	77.52	179.36	287.12
95.0	394.37	7.79	21.99	62.88	80.43	182.27	290.03
100.0	394.37	7.79	22.65	66.36	85.15	186.99	294.75
105.0	394.37	7.79	23.14	66.81	87.13	188.97	296.15
110.0	394.37	7.79	23.40	67.98	87.85	189.69	295.60
115.0	394.37	7.79	23.48	69.80	89.14	190.98	295.63
120.0	394.37	7.79	23.52	69.84	89.59	191.43	295.28
125.0	394.37	7.79	23.53	69.85	90.17	192.01	295.17
130.0	394.37	7.79	23.51	69.83	90.92	192.76	295.43
135.0	394.37	7.79	23.46	69.78	92.00	193.84	296.23
140.0	394.37	7.79	23.36	69.68	92.55	195.45	297.20
145.0	394.37	7.79	23.23	69.55	92.42	197.44	297.34
150.0	394.37	7.79	23.05	69.37	92.24	200.33	298.09
155.0	394.37	7.79	22.82	69.14	92.01	203.64	299.90
160.0	394.37	7.79	22.51	68.83	91.70	204.89	301.49
165.0	394.37	7.79	22.11	68.42	91.29	205.19	302.14
170.0	394.37	7.79	21.58	67.90	90.77	205.28	302.39
175.0	394.37	7.79	20.89	67.20	90.07	205.10	304.25

See Exhibit #1K for M-3 ground conductivity tabulation

MINOR CHANGE APPLICATION
MODIFY BP-20080227ACB
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.003/0.92/1.5 kW - ND
TOLEDO, OHIO
October 2009

EXHIBIT #2E1 (continued)

Proposed Daytime Domestic Allocation Contour Tabulation

North Latitude: 41° 37' 00"
West Longitude: 83° 37' 17"

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :					
		Contour levels in mV/m.					
		25.000	5.000	.500	.250	.025	.005
180.0	394.37	7.79	18.81	63.44	86.31	202.31	310.08
185.0	394.37	7.79	18.81	51.33	68.88	184.74	292.50
190.0	394.37	7.79	18.81	51.33	68.88	181.36	289.13
195.0	394.37	7.79	18.81	51.33	68.88	180.28	288.04
200.0	394.37	7.79	18.81	51.33	68.88	179.89	287.65
205.0	394.37	7.79	18.81	51.33	68.88	179.88	287.64
210.0	394.37	7.79	18.81	51.33	68.88	179.78	288.12
215.0	394.37	7.79	18.81	51.33	68.88	179.39	289.07
220.0	394.37	7.79	18.81	51.33	68.88	178.81	290.22
225.0	394.37	7.79	18.81	51.33	68.88	178.21	291.87
230.0	394.37	7.79	18.81	51.33	68.88	177.47	294.09
235.0	394.37	7.79	18.81	51.33	68.88	176.47	294.81
240.0	394.37	7.79	18.81	51.33	68.88	175.28	287.72
245.0	394.37	7.79	18.81	51.33	68.88	170.72	278.48
250.0	394.37	7.79	18.81	51.33	68.88	170.72	278.48
255.0	394.37	7.79	18.81	51.33	68.88	170.72	278.48
260.0	394.37	7.79	18.81	51.33	68.88	170.72	278.48
265.0	394.37	7.79	18.81	51.33	68.88	170.72	278.48
270.0	394.37	7.79	18.81	51.33	68.88	168.54	267.03
275.0	394.37	7.79	18.81	51.33	68.88	165.20	249.65
280.0	394.37	7.79	18.81	51.33	68.88	155.91	240.37
285.0	394.37	7.79	18.81	51.33	68.88	152.74	237.20
290.0	394.37	7.79	18.81	51.33	68.88	150.60	235.06
295.0	394.37	7.79	18.81	51.33	68.88	149.27	233.73
300.0	394.37	7.79	18.81	51.33	68.88	148.43	232.89
305.0	394.37	7.79	18.81	51.33	68.88	147.76	232.22
310.0	394.37	7.79	18.81	51.33	68.88	147.35	245.38
315.0	394.37	7.79	18.81	51.33	68.88	157.03	261.73
320.0	394.37	7.79	18.81	51.33	68.88	159.00	266.76
325.0	394.37	7.79	18.81	51.33	68.88	161.38	269.15
330.0	394.37	7.79	18.81	51.33	68.88	165.10	272.86
335.0	394.37	7.79	18.81	51.33	68.88	170.72	278.48
340.0	394.37	7.79	18.81	51.33	68.88	170.72	278.48
345.0	394.37	7.79	18.81	51.33	68.88	170.72	278.48
350.0	394.37	7.79	18.81	51.33	68.88	170.72	278.48
355.0	394.37	7.79	18.81	51.33	68.88	170.72	278.48

See Exhibit #1K for M-3 ground conductivity tabulation

MINOR CHANGE APPLICATION
MODIFY BP-20080227ACB
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.003/0.92/1.5 kW - ND
TOLEDO, OHIO
October 2009

EXHIBIT #2E2

Proposed Critical Hours Domestic Allocation Contour Tabulation

North Latitude: 41' 37' 00"
West Longitude: 83' 37' 17"

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :					
		Contour levels in mV/m.					
		25.000	5.000	.500	.250	.025	.005
0.0	308.85	6.65	16.70	46.29	62.10	156.62	260.76
5.0	308.85	6.65	16.70	46.29	62.10	156.62	263.98
10.0	308.85	6.65	16.70	46.29	62.10	156.62	270.55
15.0	308.85	6.65	16.70	46.29	62.10	158.58	274.57
20.0	308.85	6.65	16.70	46.29	62.10	161.25	274.36
25.0	308.85	6.65	16.70	46.29	62.10	163.49	273.11
30.0	308.85	6.65	16.70	46.29	62.10	165.41	274.05
35.0	308.85	6.65	16.70	46.29	62.10	181.52	290.23
40.0	308.85	6.65	16.70	46.29	62.10	186.34	295.69
45.0	308.85	6.65	16.70	46.29	62.40	186.81	299.41
50.0	308.85	6.65	16.70	46.29	62.72	186.46	300.56
55.0	308.85	6.65	16.70	46.29	62.81	185.99	297.95
60.0	308.85	6.65	16.70	46.29	62.78	178.16	283.32
65.0	308.85	6.65	16.70	46.29	62.50	164.93	272.56
70.0	308.85	6.65	16.70	46.29	62.13	163.76	272.13
75.0	308.85	6.65	16.70	46.29	62.10	163.27	267.47
80.0	308.85	6.65	16.70	49.10	64.90	163.62	267.41
85.0	308.85	6.65	16.70	51.74	67.55	163.72	267.85
90.0	308.85	6.65	17.88	54.93	70.74	165.26	269.40
95.0	308.85	6.65	18.81	57.84	73.65	168.17	272.31
100.0	308.85	6.65	19.47	59.74	78.36	172.89	277.02
105.0	308.85	6.65	19.95	61.77	80.35	174.88	279.01
110.0	308.85	6.65	20.21	61.47	81.07	175.60	279.43
115.0	308.85	6.65	20.29	63.03	82.36	176.88	279.46
120.0	308.85	6.65	20.34	63.07	82.81	177.34	279.11
125.0	308.85	6.65	20.35	63.08	83.39	177.92	279.00
130.0	308.85	6.65	20.33	63.06	83.96	178.67	279.26
135.0	308.85	6.65	20.27	63.00	83.91	179.75	280.06
140.0	308.85	6.65	20.18	62.91	83.82	181.36	281.39
145.0	308.85	6.65	20.05	62.78	83.69	183.35	282.61
150.0	308.85	6.65	19.86	62.60	83.50	186.24	283.36
155.0	308.85	6.65	19.63	62.37	83.27	189.55	285.17
160.0	308.85	6.65	19.32	62.06	82.96	190.79	286.76
165.0	308.85	6.65	18.92	61.65	82.56	191.09	287.41
170.0	308.85	6.65	18.40	61.13	82.03	191.19	287.66

See Exhibit #1K for M-3 ground conductivity tabulation

MINOR CHANGE APPLICATION
MODIFY BP-20080227ACB
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.003/0.92/1.5 kW - ND
TOLEDO, OHIO
October 2009

EXHIBIT #2E2 (continued)

Proposed Critical Hours Domestic Allocation Contour Tabulation

North Latitude: 41° 37' 00"
West Longitude: 83° 37' 17"

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :					
		Contour levels in mV/m.					
		25.000	5.000	.500	.250	.025	.005
175.0	308.85	6.65	16.70	60.43	81.34	191.00	289.52
180.0	308.85	6.65	16.70	56.67	77.57	188.22	292.35
185.0	308.85	6.65	16.70	46.29	62.10	170.65	274.78
190.0	308.85	6.65	16.70	46.29	62.10	167.27	271.40
195.0	308.85	6.65	16.70	46.29	62.10	165.56	270.32
200.0	308.85	6.65	16.70	46.29	62.10	164.67	269.93
205.0	308.85	6.65	16.70	46.29	62.10	164.10	269.92
210.0	308.85	6.65	16.70	46.29	62.10	163.53	270.39
215.0	308.85	6.65	16.70	46.29	62.10	163.14	271.34
220.0	308.85	6.65	16.70	46.29	62.10	162.56	272.49
225.0	308.85	6.65	16.70	46.29	62.10	161.96	274.14
230.0	308.85	6.65	16.70	46.29	62.10	161.22	276.37
235.0	308.85	6.65	16.70	46.29	62.10	160.22	276.27
240.0	308.85	6.65	16.70	46.29	62.10	159.03	269.99
245.0	308.85	6.65	16.70	46.29	62.10	156.62	260.76
250.0	308.85	6.65	16.70	46.29	62.10	156.62	260.76
255.0	308.85	6.65	16.70	46.29	62.10	156.62	260.76
260.0	308.85	6.65	16.70	46.29	62.10	156.62	260.76
265.0	308.85	6.65	16.70	46.29	62.10	156.62	260.76
270.0	308.85	6.65	16.70	46.29	62.10	156.62	249.31
275.0	308.85	6.65	16.70	46.29	62.10	154.74	234.92
280.0	308.85	6.65	16.70	46.29	62.10	145.14	225.64
285.0	308.85	6.65	16.70	46.29	62.10	142.33	222.47
290.0	308.85	6.65	16.70	46.29	62.10	140.61	220.33
295.0	308.85	6.65	16.70	46.29	62.10	139.28	219.00
300.0	308.85	6.65	16.70	46.29	62.10	138.45	218.16
305.0	308.85	6.65	16.70	46.29	62.10	137.77	217.49
310.0	308.85	6.65	16.70	46.29	62.10	137.36	230.65
315.0	308.85	6.65	16.70	46.29	62.10	142.94	247.00
320.0	308.85	6.65	16.70	46.29	62.10	144.91	249.04
325.0	308.85	6.65	16.70	46.29	62.10	147.29	251.42
330.0	308.85	6.65	16.70	46.29	62.10	151.00	255.14
335.0	308.85	6.65	16.70	46.29	62.10	156.62	260.76
340.0	308.85	6.65	16.70	46.29	62.10	156.62	260.76
345.0	308.85	6.65	16.70	46.29	62.10	156.62	260.76
350.0	308.85	6.65	16.70	46.29	62.10	156.62	260.76
355.0	308.85	6.65	16.70	46.29	62.10	156.62	260.76

See Exhibit #1K for M-3 ground conductivity tabulation

MINOR CHANGE APPLICATION
MODIFY BP-20080227ACB
CUMULUS LICENSING LLC
WTOD AM RADIO STATION
has: 1560 kHz - 5.0 kW - DAD
req: 1560 kHz - 0.003/0.92/1.5 kW - ND
TOLEDO, OHIO
October 2009

EXHIBIT #2F

Proposed International Allocation Contour Tabulation

North Latitude: 41' 37' 00"
West Longitude: 83' 37' 17"

Azimuth	Radiation (mV/m at one km)	Dist to Contour - km: Contour levels in mV/m. .500	Azimuth	Radiation (mV/m at one km)	Dist to Contour - km: Contour levels in mV/m. .500
340.0	394.37	52.39	40.0	394.37	52.39
345.0	394.37	52.39	45.0	394.37	52.39
350.0	394.37	52.39	50.0	394.37	52.39
355.0	394.37	52.39	55.0	394.37	52.39
0.0	394.37	52.39	60.0	394.37	52.39
5.0	394.37	52.39	65.0	394.37	52.39
10.0	394.37	52.39	70.0	394.37	52.39
15.0	394.37	52.39	75.0	394.37	54.33
20.0	394.37	52.39	80.0	394.37	56.64
25.0	394.37	52.39	85.0	394.37	59.49
30.0	394.37	52.39	90.0	394.37	63.11
35.0	394.37	52.39	95.0	394.37	64.49
			100.0	394.37	68.42

Old Metric Curves

Conductivity Database Used: R2 (Region 2)

Ground Conductivity Data: Region conductivity in mS/m followed by distance in km to the end of region. E - map data; M - measurement data.							
Azimuth							
340.0	8.0E	863.2	1.0E	953.8	10.0E	1028.1	1.0E 1029.5 10.0E 1034.0
345.0	8.0E	822.6	1.0E	1207.0	10.0E	1300.0	
350.0	8.0E	713.9	1.0E	1092.9	8.0E	1300.0	
355.0	8.0E	517.1	1.0E	831.9	4.0E	951.4	8.0E 1300.0
0.0	8.0E	499.1	10.0E	514.4	1.0E	788.6	4.0E 984.8 8.0E 1300.0
5.0	8.0E	217.0	15.0E	248.9	8.0E	444.9	10.0E 473.2 4.0E 482.6
10.0	8.0E	163.7	15.0E	273.1	8.0E	426.7	10.0E 464.7 4.0E 476.1
15.0	8.0E	138.7	15.0E	272.4	8.0E	370.5	10.0E 454.1 4.0E 499.0
20.0	8.0E	122.7	15.0E	243.4	8.0E	314.1	10.0E 513.6 1.0E 584.5
25.0	8.0E	114.9	15.0E	212.1	8.0E	273.6	10.0E 418.4 4.0E 430.2
30.0	8.0E	108.7	15.0E	191.6	8.0E	218.3	10.0E 300.8 15.0E 340.1
35.0	8.0E	73.5	10.0E	76.1	15.0E	97.2	10.0E 98.8 8.0E 104.0
40.0	8.0E	61.0	10.0E	67.3	15.0E	103.0	10.0E 131.3 15.0E 296.4
45.0	8.0E	58.2	10.0E	66.2	15.0E	109.5	10.0E 135.3 15.0E 270.5
50.0	8.0E	56.1	10.0E	68.0	15.0E	122.9	10.0E 129.6 15.0E 224.0
55.0	8.0E	54.5	10.0E	70.8	15.0E	194.2	8.0E 321.7 5.0E 413.2
60.0	8.0E	53.4	10.0E	88.2	15.0E	173.9	10.0E 237.1 8.0E 321.1
65.0	8.0E	55.5	10.0E	97.4	15.0E	104.9	10.0E 268.4 8.0E 301.7
70.0	8.0E	59.0	10.0E	96.8	15.0E	97.7	10.0E 378.7 8.0E 525.0
75.0	8.0E	18.4	15.0E	24.1	8.0E	63.6	10.0E 158.5 8.0E 380.0
80.0	8.0E	16.0	15.0E	28.5	8.0E	69.5	10.0E 127.3 8.0E 260.3
85.0	8.0E	14.3	15.0E	35.4	8.0E	77.2	10.0E 107.4 8.0E 309.5
90.0	8.0E	13.0	15.0E	45.4	8.0E	317.1	2.0E 494.1 4.0E 711.6
95.0	8.0E	12.0	15.0E	48.8	8.0E	309.5	2.0E 682.0 4.0E 807.9
100.0	8.0E	11.2	15.0E	53.2	8.0E	60.3	15.0E 72.6 8.0E 300.8