

MINOR CHANGE APPLICATION
JMD, INC.
WZNF RADIO STATION
CH 237C0 - 95.3 MHZ - 100.0 KW
LUMBERTON, MISSISSIPPI
November 2006

EXHIBIT A

The proposed WZNF antenna location will be shortspaced to one other FM station, WHLH, Channel 238C, Jackson, Mississippi. The relevant distance between the stations is shown on Exhibit A1. JMD proposes to use the provisions of §73.215 of the Commission's rules to address this shortspace. The shortage to this station complies with §73.215(e) of the Commission's rules.

Exhibit A2 specifically demonstrates that there will be no prohibited overlap between the proposed WZNF and the authorized WHLH. The contours of WHLH are based a maximum effective radiated power of 100.0 kilowatts at 600.0 meters HAAT.¹ Attached as Exhibits A3 and A4 are the tabulated distances to the protected and interfering contours along the pertinent arcs of the proposed WZNF and authorized WHLH. Further, attached as Exhibit A5 are the tabulated and protected contours of the proposed facility in ten degree increments. Again, there is no prohibited overlap between the facilities.

1) The licensed height of the WHLH antenna is less than for a maximum for its Class. As such, the center of radiation was raised to bring the HAAT to 600.0 meters for the §73.215 analysis.

MINOR CHANGE APPLICATION

JMD, INC.

WZNF RADIO STATION

CH 237C0 - 95.3 MHZ - 100.0 KW

LUMBERTON, MISSISSIPPI

November 2006

EXHIBIT A1

Clearance study for WZNF Lumberton, Mississippi

Using proposed site as reference

REFERENCE
30 45 05 N. CLASS = C0
89 03 24 W. Current Spacings
----- Channel 237 - 95.3 MHz -----

DISPLAY DATES
DATA 11-14-06
SEARCH 11-14-06

Call	Channel	Location	Azi	Dist	FCC	Margin
	Lat.	Lng. Ant	Power	HAAT		
WZNF.C	CP -N 237C0	Lumberton	MS 196.9	0.54	270.0	-269.46
	30 44 48	89 03 30 NCX	70.000 kW	360 M		
	Jmd, Inc.		BPH-20031023AAY			
	> Permit surrendered to allow for a full 3 year construction period.					
WZNF	LIC-N 237C1	Lumberton	MS 196.9	0.54	259.0	-258.46
	30 44 48	89 03 30 NCN	50.000 kW	360 M		
	Jmd, Inc.		BLH-19971006KF			
* WHLH	LIC 238C	Jackson	MS 322.7	208.92	220.0	-11.08
	32 14 26	90 24 15 CX	100.000 kW	451 M		
	Capstar TX Limited Partnership BLH-20031106AKR					
WJDB-F	CP 238C2	Thomasville	AL 44.4	176.99	176.0	0.99
	31 52 56	87 44 39 CX	40.000 kW	166 M		
	Griffin Broadcasting Corp. BPH-20050407HRO					
WJDQ	LIC-N 236C2	Marion	MS 11.1	177.35	176.0	1.35
	32 19 12	88 41 27 NCN	26.000 kW	182 M		
	CC Licenses, LLC BLH-19900222KB					
WYLK	LIC-Z 234A	Lacombe	LA 230.8	87.50	86.0	1.50
	30 15 08	89 45 46 ZE	5.300 kW	106 M		
	Southeastern Broadcasting BLH-20000809ABF					
WJDB-F	LIC-N 238C3	Thomasville	AL 47.9	165.02	163.0	2.02
	31 44 25	87 45 43 NCN	9.600 kW	160 M		
	Griffin Broadcasting Corp. BLH-19940316KD					
WYLK.C	CP -Z 234A	Lacombe	LA 244.2	92.73	86.0	6.73
	30 23 07	89 55 33 ZCX	2.900 kW	146 M		
	Southeastern Broadcasting BPH-20050722AAK					
WBBN	LIC-Z 240C1	Taylorville	MS 338.0	105.73	94.0	11.73
	31 38 03	89 28 35 ZCX	100.000 kW	223 M		
	Blakeney Communications, Inc. BLH-20050829AAK					
WBBN.A	APP-Z 240C1	Taylorville	MS 338.0	105.73	94.0	11.73
	31 38 03	89 28 35 ZCX	100.000 kW	223 M		
	Blakeney Communications, Inc. BPH-20050613ADQ					

* Note : The shortage to WHLH is addressed under §73.215 of the rules, see Exhibit A.

Graham Brock, Inc. - Broadcast Technical Consultants

WHLH
BLH-20031106AKR
Latitude: 32-14-26 N
Longitude: 090-24-15 W
ERP: 100.00 kW
Channel: 238A
Frequency: 95.5 MHz
AMSL Height: 689.0 m

WZNF - Proposed
Latitude: 30-45-05 N
Longitude: 089-03-24 W
ERP: 100.00 kW
Channel: 237C0
Frequency: 95.3 MHz
AMSL Height: 481.6 m

WHLH 60 dBu (50/50)

WHLH 54 dBu (50/10)

WZNF 60 dBu (50/50)

WZNF 54 dBu (50/10)

EXHIBIT A2
MINOR CHANGE APPLICATION
JMD, INC.
WZNF RADIO STATION
CH 237C0 - 95.3 MHZ - 100.0 KW
LUMBERTON, MISSISSIPPI
November 2006

Scale 1:2,000,000

0 30 60 90 km

MINOR CHANGE APPLICATION

JMD, INC.

WZNF RADIO STATION

CH 237C0 - 95.3 MHZ - 100.0 KW

LUMBERTON, MISSISSIPPI

November 2006

EXHIBIT A3

WZNF - Proposed
Channel = 237C0
Max ERP = 100 kW
RCAMSL = 481.6 M
N. Lat = 30 45 05
W. Lng = 89 03 24

WHLH - BLH-20031106AKR
Channel = 238C
Max ERP = 100 kW
RCAMSL = 689 M
N. Lat = 32 14 26
W. Lng = 90 24 15

Protected
60 dBu

Interfering
54 dBu

30 Second Terrain Database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
310.0	039.6900	0442.6	073.1	148.7	100.0000	0587.0	138.2	53.4
311.0	039.6900	0440.3	072.9	148.1	100.0000	0587.8	138.0	53.5
312.0	039.6900	0437.9	072.7	147.6	100.0000	0587.8	137.8	53.5
313.0	039.6900	0435.9	072.6	147.1	100.0000	0588.5	137.6	53.6
314.0	039.6900	0434.3	072.5	146.6	100.0000	0588.5	137.4	53.6
315.0	039.6900	0433.0	072.4	146.0	100.0000	0589.2	137.2	53.7
316.0	039.6900	0432.2	072.3	145.5	100.0000	0589.2	137.1	53.7
317.0	039.6900	0431.8	072.3	145.0	100.0000	0589.3	136.9	53.8
318.0	039.6900	0431.7	072.3	144.5	100.0000	0588.7	136.7	53.8
319.0	039.6900	0431.6	072.3	143.9	100.0000	0588.7	136.6	53.8
320.0	039.6900	0431.3	072.3	143.4	100.0000	0587.4	136.5	53.8
321.0	040.4496	0430.9	072.4	142.9	100.0000	0587.4	136.3	53.9
322.0	041.2164	0430.3	072.6	142.3	100.0000	0585.7	136.1	53.9
323.0	041.9904	0429.6	072.8	141.8	100.0000	0585.7	136.0	54.0
324.0	042.7716	0429.0	072.9	141.3	100.0000	0584.1	135.8	54.0
325.0	043.5600	0428.5	073.1	140.7	100.0000	0584.1	135.8	54.0
326.0	044.3556	0427.9	073.2	140.2	100.0000	0582.8	135.7	54.0
327.0	045.1584	0427.2	073.4	139.6	100.0000	0582.8	135.7	54.0
328.0	045.9684	0426.6	073.5	139.1	100.0000	0581.8	135.7	54.0
329.0	046.7856	0426.2	073.7	138.6	100.0000	0581.8	135.8	54.0
330.0	047.6100	0426.3	073.9	138.0	100.0000	0580.9	135.8	53.9
331.0	049.4209	0426.6	074.3	137.4	100.0000	0579.7	135.7	54.0
332.0	051.2656	0427.0	074.7	136.9	100.0000	0579.7	135.6	54.0
333.0	053.1441	0427.4	075.2	136.3	100.0000	0578.6	135.6	54.0
334.0	055.0564	0428.2	075.6	135.7	100.0000	0578.6	135.5	54.0
335.0	057.0025	0428.7	076.0	135.1	100.0000	0577.6	135.6	54.0
336.0	058.9824	0428.7	076.4	134.5	100.0000	0577.6	135.7	53.9
337.0	060.9961	0428.1	076.7	133.9	100.0000	0576.9	135.9	53.9
338.0	063.0436	0427.3	077.0	133.4	100.0000	0576.6	136.2	53.8
339.0	065.1249	0427.1	077.3	132.8	100.0000	0576.6	136.4	53.7
340.0	067.2400	0427.5	077.7	132.2	100.0000	0576.8	136.7	53.7
341.0	070.2244	0428.1	078.2	131.6	100.0000	0576.8	136.9	53.6
342.0	073.2736	0428.4	078.6	131.0	100.0000	0577.4	137.2	53.5
343.0	076.3876	0428.6	079.1	130.4	100.0000	0578.3	137.5	53.5
344.0	079.5664	0428.8	079.5	129.9	100.0000	0578.3	137.9	53.4
345.0	082.8100	0429.7	080.0	129.3	100.0000	0579.3	138.3	53.3
346.0	086.1184	0431.0	080.5	128.7	100.0000	0579.3	138.7	53.2
347.0	089.4916	0432.6	081.0	128.1	100.0000	0580.6	139.2	53.1
348.0	092.9296	0433.9	081.5	127.5	100.0000	0582.0	139.7	53.0
349.0	096.4324	0434.4	081.9	126.9	100.0000	0582.0	140.3	52.8
350.0	100.0000	0434.6	082.3	126.4	100.0000	0583.6	141.0	52.6

MINOR CHANGE APPLICATION

JMD, INC.

WZNF RADIO STATION

CH 237C0 - 95.3 MHZ - 100.0 KW

LUMBERTON, MISSISSIPPI

November 2006

EXHIBIT A4

WHLH - BLH-20031106AKR

Channel = 238C

Max ERP = 100 kW

RCAMSL = 689 M

N. Lat = 32 14 26

W. Lng = 90 24 15

WZNF - Proposed

Channel = 237C0

Max ERP = 100 kW

RCAMSL = 481.6 M

N. Lat = 30 45 05

W. Lng = 89 03 24

Protected
60 dBu

Interfering
54 dBu

30 Second Terrain Database

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
120.0	100.0000	0588.8	091.4	337.9	062.7537	0427.3	129.1	50.0
121.0	100.0000	0588.4	091.4	337.3	061.5806	0428.1	128.2	50.2
122.0	100.0000	0587.9	091.4	336.7	060.3869	0428.1	127.3	50.3
123.0	100.0000	0587.3	091.3	336.1	059.1724	0428.7	126.4	50.5
124.0	100.0000	0586.5	091.3	335.5	057.9363	0428.7	125.6	50.6
125.0	100.0000	0585.2	091.2	334.8	056.6796	0428.7	124.9	50.7
126.0	100.0000	0583.6	091.2	334.2	055.4043	0428.2	124.1	50.8
127.0	100.0000	0582.0	091.1	333.5	054.1191	0428.2	123.5	50.8
128.0	100.0000	0580.6	091.1	332.8	052.8301	0427.4	122.9	50.9
129.0	100.0000	0579.3	091.0	332.1	051.5378	0427.0	122.3	50.9
130.0	100.0000	0578.3	091.0	331.4	050.2446	0426.6	121.7	50.9
131.0	100.0000	0577.4	090.9	330.7	048.9508	0426.6	121.2	50.9
132.0	100.0000	0576.8	090.9	330.0	047.6605	0426.3	120.7	50.9
133.0	100.0000	0576.6	090.9	329.3	047.0378	0426.2	120.3	51.0
134.0	100.0000	0576.9	090.9	328.6	046.4406	0426.2	119.9	51.0
135.0	100.0000	0577.6	090.9	327.8	045.8423	0426.6	119.5	51.1
136.0	100.0000	0578.6	091.0	327.1	045.2421	0427.2	119.1	51.1
137.0	100.0000	0579.7	091.0	326.4	044.6405	0427.9	118.8	51.2
138.0	100.0000	0580.9	091.1	325.6	044.0373	0427.9	118.5	51.2
139.0	100.0000	0581.8	091.1	324.8	043.4339	0428.5	118.3	51.2
140.0	100.0000	0582.8	091.2	324.1	042.8311	0429.0	118.1	51.2
141.0	100.0000	0584.1	091.2	323.3	042.2299	0429.6	118.0	51.2
142.0	100.0000	0585.7	091.3	322.5	041.6308	0429.6	117.9	51.2
143.0	100.0000	0587.4	091.3	321.8	041.0345	0430.3	117.9	51.1
144.0	100.0000	0588.7	091.4	321.0	040.4421	0430.9	117.9	51.1
145.0	100.0000	0589.3	091.4	320.2	039.8555	0431.3	118.0	51.0
146.0	100.0000	0589.2	091.4	319.5	039.6900	0431.6	118.2	50.9
147.0	100.0000	0588.5	091.4	318.7	039.6900	0431.6	118.4	50.9
148.0	100.0000	0587.8	091.3	317.9	039.6900	0431.7	118.7	50.8
149.0	100.0000	0587.0	091.3	317.2	039.6900	0431.8	119.1	50.7
150.0	100.0000	0586.3	091.3	316.4	039.6900	0432.2	119.5	50.6
151.0	100.0000	0585.6	091.3	315.7	039.6900	0432.2	119.9	50.5
152.0	100.0000	0584.9	091.2	315.0	039.6900	0433.0	120.4	50.4
153.0	100.0000	0584.3	091.2	314.3	039.6900	0434.3	120.9	50.3
154.0	100.0000	0583.9	091.2	313.6	039.6900	0434.3	121.5	50.2
155.0	100.0000	0583.7	091.2	312.9	039.6900	0435.9	122.1	50.1
156.0	100.0000	0583.7	091.2	312.2	039.6900	0437.9	122.7	50.0
157.0	100.0000	0583.7	091.2	311.5	039.6900	0437.9	123.4	49.8
158.0	100.0000	0583.7	091.2	310.9	039.6900	0440.3	124.1	49.7
159.0	100.0000	0583.4	091.2	310.2	039.6900	0442.6	124.9	49.6
160.0	100.0000	0582.7	091.1	309.6	039.9813	0442.6	125.7	49.4

MINOR CHANGE APPLICATION
JMD, INC.
WZNF RADIO STATION
CH 237C0 - 95.3 MHZ - 100.0 KW
LUMBERTON, MISSISSIPPI
November 2006

EXHIBIT A5

Predicted Contour:

N. Lat. = 30 45 05 - Predicted Protected and Interfering Contour Data
W. Lng. = 89 03 24 - WZNF Radio Station - Lumberton, Mississippi

HAAT and Distance to Contour - FCC Method - NGDC 30 Second terrain database								
Azi.	HAAT	ERP kW	dBk	Field	60-F5	40-F1	54-F1	100-F1
000	426.3	100.0000	20.00	1.000	81.70	185.04	121.32	11.88
010	423.4	100.0000	20.00	1.000	81.49	184.80	120.99	11.85
020	434.8	100.0000	20.00	1.000	82.32	185.74	122.27	11.98
030	438.4	100.0000	20.00	1.000	82.59	186.05	122.68	12.02
040	442.4	100.0000	20.00	1.000	82.88	186.37	123.12	12.07
050	445.1	100.0000	20.00	1.000	83.08	186.60	123.43	12.10
060	449.8	100.0000	20.00	1.000	83.42	186.97	123.96	12.15
070	458.4	100.0000	20.00	1.000	84.03	187.63	124.92	12.23
080	459.5	100.0000	20.00	1.000	84.11	187.72	125.04	12.24
090	443.5	100.0000	20.00	1.000	82.96	186.46	123.25	12.08
100	439.8	100.0000	20.00	1.000	82.69	186.16	122.84	12.04
110	439.0	100.0000	20.00	1.000	82.63	186.09	122.74	12.03
120	438.4	100.0000	20.00	1.000	82.59	186.05	122.68	12.02
130	443.9	100.0000	20.00	1.000	82.99	186.50	123.30	12.08
140	446.2	100.0000	20.00	1.000	83.15	186.68	123.55	12.11
150	450.5	100.0000	20.00	1.000	83.47	187.02	124.04	12.15
160	449.7	100.0000	20.00	1.000	83.41	186.96	123.95	12.15
170	441.5	100.0000	20.00	1.000	82.82	186.30	123.03	12.06
180	430.7	100.0000	20.00	1.000	82.02	185.41	121.81	11.93
190	440.1	100.0000	20.00	1.000	82.71	186.19	122.87	12.04
200	437.0	100.0000	20.00	1.000	82.49	185.93	122.52	12.01
210	434.0	100.0000	20.00	1.000	82.26	185.68	122.18	11.97
220	435.4	100.0000	20.00	1.000	82.37	185.80	122.34	11.99
230	431.4	100.0000	20.00	1.000	82.08	185.46	121.89	11.94
240	429.0	100.0000	20.00	1.000	81.90	185.26	121.62	11.91
250	422.1	100.0000	20.00	1.000	81.40	184.69	120.85	11.83
260	416.3	100.0000	20.00	1.000	80.97	184.20	120.19	11.76
270	419.5	100.0000	20.00	1.000	81.20	184.46	120.55	11.80
280	420.7	100.0000	20.00	1.000	81.29	184.56	120.68	11.81
290	421.5	67.2400	18.28	0.820	77.22	175.64	114.05	10.61
300	440.8	47.6100	16.78	0.690	74.95	170.08	110.39	9.75
310	442.6	39.6900	15.99	0.630	73.09	166.53	107.60	9.21
320	431.3	39.6900	15.99	0.630	72.27	165.52	106.39	9.12
330	426.3	47.6100	16.78	0.690	73.88	168.84	108.82	9.62
340	427.5	67.2400	18.28	0.820	77.68	176.11	114.72	10.67
350	434.6	100.0000	20.00	1.000	82.31	185.73	122.24	11.98

AMSL= 481.6 M