

MINOR CHANGE APPLICATION
AMENDMENT TO BP-20160920ADJ
RADIO LICENSE HOLDING CBC, LLC
WIBR AM RADIO STATION
1300 kHz - .011/0.3 kW - NDU
BATON ROUGE, LOUISIANA
December 2016

EXHIBIT #3A

Night Allocation Protection Report

WIBR 1300 kHz BATON ROUGE, LA, US Hours: N Proposed
 North Latitude: 30° 28' 26" West Longitude: 91° 13' 35"
 Power: 0.011 kW Theo RMS: 307.90 mV/m @ 1km @ 1kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Switch	TL Switch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	93.2	0	0	0.0	0.0	0.0	0.0

Clearance Greater Than 20 mV Not Shown

Call Letters	Ct St City	Azi (deg)	Ang Low (deg)	Ang High (deg)	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
WOAD	US MS JACKSON	25.10	30.91	44.90	262.49	1.410	26.86	25.90	0.96
50% = 3.174, 25% = 5.15; WDXI=2.31 WNQM=2.18 HJOG-A=1.43 WIBR=1.41 XEGA/A=1.39 XE/A=1.37 KCSF=1.36 XEKW/A=1.33 XEDG/A=1.32 KLLS=1.29 XEHU/A=1.26									
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50% = 3.174, 25% = 5.15; WDXI=2.31 WNQM=2.18 HJOG-A=1.43 WIBR=1.41 XEGA/A=1.39 XE/A=1.37 KCSF=1.36 XEKW/A=1.33 XEDG/A=1.32 KLLS=1.29 XEHU/A=1.26									

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EXHIBIT #3B

Night Radiation Limit Report

North Latitude: 30° 28' 26" West Longitude: 91° 13' 35"

Radiation limits above 100.0 mV/m@1km are not shown.

	Ct	St	City	Azimuth (Deg)	Min Theta (Deg)	Max Theta (Deg)	Limit (mV/m @ 1km)
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WOAD	US	MS	JACKSON	25.1	30.9	44.9	26.9
WOAD	US	MS	JACKSON	25.1	30.9	44.9	26.9
KLLS	US	TX	LUMBERTON	265.4	25.9	39.1	94.8

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EXHIBIT #3C

Night RSS Calculations

WIBR 1300 kHz BATON ROUGE, LA, US Hours: N Proposed
 North Latitude: 30° 28' 26" West Longitude: 91° 13' 35"
 Power: 0.011 kW Theo RMS: 307.90 mV/m @ 1km @ 1kW

Standard: FCC Rules (1992 Skywave Propagation Model) [10%]

Contributors:

Call	Freq (kHz)	City	St	Ct	Dist (km)	Azi (deg)	Theta Min (deg)	Max (deg)	Max V-Rad (mV/m)	SW Mult (uV/m)	Limit (mV/m)	(%)	RSS Limit (mV/m)
WOAD	1300	JACKSON	MS	US	235.4	205.7	30.9	44.9	153.16	262.49	8.040	100.0	8.040
KAKC	1300	TULSA	OK	US	749.6	143.6	9.2	16.0	357.86	70.31	5.032	62.6	9.485 *
50 %													
WFFG	1300	MARATHON	FL	US	1185.5	305.1	4.2	8.7	429.92	37.80	3.251	34.3	10.027
KVET	1300	AUSTIN	TX	US	622.2	87.3	11.6	19.6	153.50	92.20	2.831	28.2	10.419
KLLS	1300	LUMBERTON	TX	US	287.6	83.9	25.9	39.1	59.12	220.45	2.606	25.0	10.740
25 %													
XEGA/A	1300	SAN ANDRES TUXTLA	VC	MX	1396.1	15.9	2.7	6.6	281.20	32.37	1.821	17.0	10.893
XE/A	1300	TIHOSUCO	QR	MX	1174.7	346.3	4.3	8.8	215.15	41.02	1.765	16.2	11.035
XEKW/A	1300	MORELIA	MC	MX	1561.2	37.9	1.7	5.2	317.22	26.85	1.704	15.4	11.166
XEDG/A	1300	TUXTLA GUTIERREZ	CS	MX	1536.5	6.6	1.9	5.4	298.75	28.35	1.694	15.2	11.294

WIBR 1300 kHz BATON ROUGE, LA, US Hours: N Present
 North Latitude: 30° 28' 25" West Longitude: 91° 13' 34"
 Power: 1.0 kW Theo RMS: 295.31 mV/m @ 1km @ 1.0 kW
 # of Augmentations: 16

Standard: FCC Rules (1992 Skywave Propagation Model) [10%]

Contributors:

Call	Freq (kHz)	City	St	Ct	Dist (km)	Azi (deg)	Theta Min (deg)	Max (deg)	Max V-Rad (mV/m)	SW Mult (uV/m)	Limit (mV/m)	(%)	RSS Limit (mV/m)
WOAD	1300	JACKSON	MS	US	235.4	205.6	30.9	44.9	153.16	262.47	8.040	100.0	8.040
KAKC	1300	TULSA	OK	US	749.6	143.6	9.2	16.0	357.85	70.30	5.032	62.6	9.485 *
50 %													
WFFG	1300	MARATHON	FL	US	1185.5	305.1	4.2	8.7	429.93	37.81	3.251	34.3	10.026
KVET	1300	AUSTIN	TX	US	622.2	87.3	11.6	19.6	153.53	92.20	2.831	28.2	10.418
KLLS	1300	LUMBERTON	TX	US	287.7	83.9	25.9	39.1	59.16	220.44	2.608	25.0	10.740
25 %													
XEGA/A	1300	SAN ANDRES TUXTLA	VC	MX	1396.1	15.9	2.7	6.6	281.20	32.37	1.821	17.0	10.893
XE/A	1300	TIHOSUCO	QR	MX	1174.6	346.3	4.3	8.8	215.15	41.02	1.765	16.2	11.035
XEKW/A	1300	MORELIA	MC	MX	1561.2	37.9	1.7	5.2	317.22	26.86	1.704	15.4	11.166
XEDG/A	1300	TUXTLA GUTIERREZ	CS	MX	1536.5	6.6	1.9	5.4	298.75	28.36	1.694	15.2	11.294

* - Nighttime Interference Free Contour