

TW Census data selected 2000
Post Transition Data Base Selected /export/home/cdb/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 06-19-2009 Time: 16:25:18

Record Selected for Analysis

WLOX-DT USERRECORD-01 BILOXI XX US
Channel 39 ERP 715. kW HAAT 366. m RCAMSL 00412 m
Latitude 030-43-22 Longitude 0089-05-28
Status APP Zone 3 Border
Dir Antenna Make CDB Model 00000000044572 Beam tilt N Ref Azimuth 220.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	41.0 dBu F(50,90) (km)
0.0	314.292	358.5	92.8
45.0	174.486	371.9	89.4
90.0	392.593	363.4	95.0
135.0	700.064	378.5	100.9
180.0	631.774	375.1	99.8
225.0	572.093	374.1	98.9
270.0	663.069	355.7	98.7
315.0	662.380	349.4	98.1

Evaluation toward Class A Stations

Contour overlap to Class A station

WBXH-CA 39 BATON ROUGE LA BDISTTA 20070501AEC

Contour overlap to Class A station

WBXH-CA 39 BATON ROUGE LA BSTA 20051103ACL

Contour overlap to Class A station

WBXH-CA 39 BATON ROUGE LA BDISTTA 20090518ACN

Class A Evaluation Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
39	WLOX-DT	BILOXI XX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
39	WBXH-CA	BATON ROUGE LA	207.0	APP	BDISTTA	-20070501AEC
39	WBXH-CA	BATON ROUGE LA	202.4	APP	BSTA	-20051103ACL
39	WBXH-CA	BATON ROUGE LA	207.0	APP	BDISTTA	-20090518ACN
39	KWBJ-LP	MORGAN CITY LA	231.6	LIC	BLTTL	-19891205IJ
39	W39CD	FULTON MS	378.9	LIC	BLTTL	-19980511JB
39	W39CD	FULTON MS	378.9	CP	BPTTA	-20080916ADQ
40	WPAN	FORT WALTON BEACH FL	203.9	CP	BPCDT	-19991029AGW
40	WPAN	FORT WALTON BEACH FL	203.9	PLN	DTVPLN	-DTVP1429
40	WDBD	JACKSON MS	206.0	PLN	DTVPLN	-DTVP1441
40	WDBD	JACKSON MS	206.0	CP	BPCDT	-20080401ATJ

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
39	WBXH-CA	BATON ROUGE LA	BDISTTA	-20070501AEC

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	WLAE-TV	NEW ORLEANS LA	128.4	CP MOD	BMPEDT	-20080312ACH
31	WLAE-TV	NEW ORLEANS LA	128.4	PLN	DTVPLN	-DTVP1142
35	KALB-TV	ALEXANDRIA LA	143.5	PLN	DTVPLN	-DTVP1293
35	KALB-TV	ALEXANDRIA LA	143.5	CP MOD	BMPCDT	-20090407ABA
36	WWL-TV	NEW ORLEANS LA	123.9	PLN	DTVPLN	-DTVP1329
36	WWL-TV	NEW ORLEANS LA	123.9	CP	BPCDT	-20080617AEJ
36	WWL-TV	NEW ORLEANS LA	123.9	LIC	BLCDT	-20020506AAK
38	K23DZ	BATON ROUGE LA	27.0	APP	BPTTL	-20020822ABQ
38	WNOL-TV	NEW ORLEANS LA	128.7	LIC	BLCT	-20050228AAL

39	K39HV	DE RIDDER LA	206.7	CP	BNPTTL	-20000831AWD
39	KWBJ-LP	MORGAN CITY LA	71.7	LIC	BLTTL	-19891205IJ
39	K39JV	OPELOUSAS LA	92.9	APP	BDISTT	-20060321ACG
39	K39JV	OPELOUSAS LA	92.9	LIC	BLTT	-20071011ABI
39	K39JV	OPELOUSAS LA	92.9	APP	BSTA	-20060505ABW
42	KGLA-DT	HAMMOND LA	129.7	LIC	BLCDDT	-20070605ABE
42	KGLA-DT	HAMMOND LA	129.7	PLN	DTVPLN	-DTVP1506
43	WDSU	NEW ORLEANS LA	129.2	PLN	DTVPLN	-DTVP1539
43	WDSU	NEW ORLEANS LA	129.2	CP MOD	BMPCDDT	-20080207AAP
53	NEW	NEW IBERIA LA	55.7	ADD	BPRM	-20000717ADX
54	WUPL	SLIDELL LA	125.8	LIC	BLCT	-19950530KE
39	WLOX-DT	BILOXI XX	207.0	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	WBXH-CA	BATON ROUGE LA	BSTA -20051103ACL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	WLAE-TV	NEW ORLEANS LA	128.7	CP MOD	BMPEDT -20080312ACH
31	WLAE-TV	NEW ORLEANS LA	128.7	PLN	DTVPLN -DTVP1142
35	KALB-TV	ALEXANDRIA LA	141.9	PLN	DTVPLN -DTVP1293
35	KALB-TV	ALEXANDRIA LA	141.9	CP MOD	BMPCDDT -20090407ABA
36	WWL-TV	NEW ORLEANS LA	124.9	PLN	DTVPLN -DTVP1329
36	WWL-TV	NEW ORLEANS LA	124.9	CP	BPCDDT -20080617AEJ
36	WWL-TV	NEW ORLEANS LA	124.9	LIC	BLCDDT -20020506AAK
38	K23DZ	BATON ROUGE LA	18.6	APP	BPTTL -20020822ABQ
38	WNOL-TV	NEW ORLEANS LA	129.0	LIC	BLCT -20050228AAL
39	K39HV	DE RIDDER LA	207.3	CP	BNPTTL -20000831AWD
39	KWBJ-LP	MORGAN CITY LA	80.3	LIC	BLTTL -19891205IJ
39	K39JV	OPELOUSAS LA	93.6	APP	BDISTT -20060321ACG
39	K39JV	OPELOUSAS LA	93.6	LIC	BLTT -20071011ABI
39	K39JV	OPELOUSAS LA	93.6	APP	BSTA -20060505ABW
42	KGLA-DT	HAMMOND LA	129.9	LIC	BLCDDT -20070605ABE
42	KGLA-DT	HAMMOND LA	129.9	PLN	DTVPLN -DTVP1506
43	WDSU	NEW ORLEANS LA	129.7	PLN	DTVPLN -DTVP1539
43	WDSU	NEW ORLEANS LA	129.7	CP MOD	BMPCDDT -20080207AAP
53	NEW	NEW IBERIA LA	61.6	ADD	BPRM -20000717ADX
54	WUPL	SLIDELL LA	123.7	LIC	BLCT -19950530KE
39	WLOX-DT	BILOXI XX	202.4	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	WBXH-CA	BATON ROUGE LA	BDISTTA -20090518ACN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	WLAE-TV	NEW ORLEANS LA	128.4	CP MOD	BMPEDT -20080312ACH
31	WLAE-TV	NEW ORLEANS LA	128.4	PLN	DTVPLN -DTVP1142
35	KALB-TV	ALEXANDRIA LA	143.5	PLN	DTVPLN -DTVP1293
35	KALB-TV	ALEXANDRIA LA	143.5	CP MOD	BMPCDT -20090407ABA
36	WWL-TV	NEW ORLEANS LA	123.9	PLN	DTVPLN -DTVP1329
36	WWL-TV	NEW ORLEANS LA	123.9	CP	BPCDT -20080617AEJ
36	WWL-TV	NEW ORLEANS LA	123.9	LIC	BLCDDT -20020506AAK
38	K23DZ	BATON ROUGE LA	27.0	APP	BPTTTL -20020822ABQ
38	WNOL-TV	NEW ORLEANS LA	128.7	LIC	BLCT -20050228AAL
39	K39HV	DE RIDDER LA	206.7	CP	BNPTTTL -20000831AWD
39	KWBJ-LP	MORGAN CITY LA	71.7	LIC	BLTTTL -19891205IJ
39	K39JV	OPELOUSAS LA	92.9	APP	BDISTT -20060321ACG
39	K39JV	OPELOUSAS LA	92.9	LIC	BLTT -20071011ABI
39	K39JV	OPELOUSAS LA	92.9	APP	BSTA -20060505ABW
42	KGLA-DT	HAMMOND LA	129.7	LIC	BLCDDT -20070605ABE
42	KGLA-DT	HAMMOND LA	129.7	PLN	DTVPLN -DTVP1506
43	WDSU	NEW ORLEANS LA	129.2	PLN	DTVPLN -DTVP1539
43	WDSU	NEW ORLEANS LA	129.2	CP MOD	BMPCDT -20080207AAP
53	NEW	NEW IBERIA LA	55.7	ADD	BPRM -20000717ADX
54	WUPL	SLIDELL LA	125.8	LIC	BLCT -19950530KE
39	WLOX-DT	BILOXI XX	207.0	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	KWBJ-LP	MORGAN CITY LA	BLTTTL -19891205IJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
31	WLAE-TV	NEW ORLEANS LA	124.2	CP MOD	BMPEDT -20080312ACH
31	WLAE-TV	NEW ORLEANS LA	124.2	PLN	DTVPLN -DTVP1142
36	WWL-TV	NEW ORLEANS LA	114.3	PLN	DTVPLN -DTVP1329
36	WWL-TV	NEW ORLEANS LA	114.3	CP	BPCDT -20080617AEJ
36	WWL-TV	NEW ORLEANS LA	114.3	LIC	BLCDDT -20020506AAK
38	WNOL-TV	NEW ORLEANS LA	124.5	LIC	BLCT -20050228AAL
39	WBXH-CA	BATON ROUGE LA	71.7	APP	BDISTTA -20070501AEC
39	WBXH-CA	BATON ROUGE LA	80.3	APP	BSTA -20051103ACL
39	WBXH-CA	BATON ROUGE LA	71.7	APP	BDISTTA -20090518ACN
39	K39JV	OPELOUSAS LA	133.7	APP	BDISTT -20060321ACG
39	K39JV	OPELOUSAS LA	133.7	LIC	BLTT -20071011ABI
39	K39JV	OPELOUSAS LA	133.7	APP	BSTA -20060505ABW
42	KGLA-DT	HAMMOND LA	125.2	LIC	BLCDDT -20070605ABE
42	KGLA-DT	HAMMOND LA	125.2	PLN	DTVPLN -DTVP1506
43	WDSU	NEW ORLEANS LA	122.9	PLN	DTVPLN -DTVP1539

43	WDSU	NEW ORLEANS LA	122.9	CP MOD	BMPCDT	-20080207AAP
53	NEW	NEW IBERIA LA	76.9	ADD	BPRM	-20000717ADX
54	WUPL	SLIDELL LA	140.0	LIC	BLCT	-19950530KE
39	WLOX-DT	BILOXI XX	231.6	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	W39CD	FULTON MS	BLTTL -19980511JB

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
35	WCBI-TV	COLUMBUS MS	66.5	LIC	BLCDDT -20020822ABO
35	WCBI-TV	COLUMBUS MS	66.5	PLN	DTVPLN -DTVP1299
36	WMAV-TV	OXFORD MS	135.5	PLN	DTVPLN -DTVP1335
36	WMAV-TV	OXFORD MS	135.5	CP MOD	BMPEDT -20081024ABM
39	KASN	PINE BLUFF AR	366.1	LIC	BLCDDT -20020904AAF
39	KASN	PINE BLUFF AR	366.1	PLN	DTVPLN -DTVP1389
39	WSB-TV	ATLANTA GA	361.0	LIC	BLCDDT -20041020ADC
39	WSB-TV	ATLANTA GA	361.0	PLN	DTVPLN -DTVP1396
39	WSB-TV	ATLANTA GA	361.0	CP	BPCDDT -20080619ACR
39	WJKT	JACKSON TN	207.2	LIC	BLCDDT -20050323AER
39	WJKT	JACKSON TN	207.2	PLN	DTVPLN -DTVP1415
43	WMAA	COLUMBUS MS	46.9	PLN	DTVPLN -DTVP1545
43	WMAA	COLUMBUS MS	46.9	CP MOD	BMPEDT -20020611ABI
39	WLOX-DT	BILOXI XX	378.9	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	W39CD	FULTON MS	BPTTA -20080916ADQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
35	WCBI-TV	COLUMBUS MS	66.5	LIC	BLCDDT -20020822ABO
35	WCBI-TV	COLUMBUS MS	66.5	PLN	DTVPLN -DTVP1299
36	WMAV-TV	OXFORD MS	135.5	PLN	DTVPLN -DTVP1335
36	WMAV-TV	OXFORD MS	135.5	CP MOD	BMPEDT -20081024ABM
39	WETU-LP	WETUMPKA AL	255.9	LIC	BLTTL -19970206JC
39	KASN	PINE BLUFF AR	366.1	LIC	BLCDDT -20020904AAF
39	KASN	PINE BLUFF AR	366.1	PLN	DTVPLN -DTVP1389

39	WSB-TV	ATLANTA GA	361.0	LIC	BLCDDT	-20041020ADC
39	WSB-TV	ATLANTA GA	361.0	PLN	DTVPLN	-DTVP1396
39	WSB-TV	ATLANTA GA	361.0	CP	BPCDDT	-20080619ACR
39	WJKT	JACKSON TN	207.2	LIC	BLCDDT	-20050323AER
39	WJKT	JACKSON TN	207.2	PLN	DTVPLN	-DTVP1415
43	WMAA	COLUMBUS MS	46.9	APP	BPET	-20020815ABG
43	WMAA	COLUMBUS MS	46.9	PLN	DTVPLN	-DTVP1545
43	WMAA	COLUMBUS MS	46.9	CP MOD	BMPEDT	-20020611ABI
39	WLOX-DT	BILOXI XX	378.9	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	WPAN	FORT WALTON BEACH FL	BPCDDT	-19991029AGW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	WTWC-TV	TALLAHASSEE FL	290.8	PLN	DTVPLN	-DTVP1431
40	WTWC-TV	TALLAHASSEE FL	290.8	CP	BPCDDT	-20080317AGG
40	WMGT-TV	MACON GA	416.8	PLN	DTVPLN	-DTVP1432
40	WMGT-TV	MACON GA	416.8	LIC	BLCDDT	-20070112AHJ
40	WDBD	JACKSON MS	379.6	PLN	DTVPLN	-DTVP1441
40	WDBD	JACKSON MS	379.6	CP	BPCDDT	-20080401ATJ
41	WEIQ	MOBILE AL	90.7	CP	BPEDT	-20080619AGR
41	WEIQ	MOBILE AL	90.7	PLN	DTVPLN	-DTVP1460
41	WEIQ	MOBILE AL	90.7	LIC	BLEDT	-20030430AAX
39	WLOX-DT	BILOXI XX	203.9	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	WPAN	FORT WALTON BEACH FL	DTVPLN	-DTVP1429

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	WTWC-TV	TALLAHASSEE FL	290.8	PLN	DTVPLN	-DTVP1431
40	WTWC-TV	TALLAHASSEE FL	290.8	CP	BPCDDT	-20080317AGG
40	WMGT-TV	MACON GA	416.8	PLN	DTVPLN	-DTVP1432
40	WMGT-TV	MACON GA	416.8	LIC	BLCDDT	-20070112AHJ

40	WDBD	JACKSON MS	379.6	PLN	DTVPLN	-DTVP1441
40	WDBD	JACKSON MS	379.6	CP	BPCDT	-20080401ATJ
41	WEIQ	MOBILE AL	90.7	CP	BPEDT	-20080619AGR
41	WEIQ	MOBILE AL	90.7	PLN	DTVPLN	-DTVP1460
41	WEIQ	MOBILE AL	90.7	LIC	BLEDT	-20030430AAX
39	WLOX-DT	BILOXI XX	203.9	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	WDBD	JACKSON MS	DTVPLN -DTVP1441

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	WPAN	FORT WALTON BEACH FL	379.6	CP	BPCDT -19991029AGW
40	WPAN	FORT WALTON BEACH FL	379.6	PLN	DTVPLN -DTVP1429
40	KBTB-TV	PORT ARTHUR TX	412.0	PLN	DTVPLN -DTVP1453
40	KBTB-TV	PORT ARTHUR TX	412.0	CP MOD	BMPCDT -20081211ACJ
41	WUFY	VICKSBURG MS	25.4	PLN	DTVPLN -DTVP1478
41	WUFY	VICKSBURG MS	0.0	CP	BPCDT -20080618ATF
39	WLOX-DT	BILOXI XX	206.0	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application Ref. No.
40	WDBD	JACKSON MS	BPCDT -20080401ATJ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	WPAN	FORT WALTON BEACH FL	379.6	CP	BPCDT -19991029AGW
40	WPAN	FORT WALTON BEACH FL	379.6	PLN	DTVPLN -DTVP1429
40	KBTB-TV	PORT ARTHUR TX	412.0	PLN	DTVPLN -DTVP1453
40	KBTB-TV	PORT ARTHUR TX	412.0	CP MOD	BMPCDT -20081211ACJ
41	WUFY	VICKSBURG MS	25.4	PLN	DTVPLN -DTVP1478
41	WUFY	VICKSBURG MS	0.0	CP	BPCDT -20080618ATF
39	WLOX-DT	BILOXI XX	206.0	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application Ref. No.
39	WLOX-DT	BILOXI XX	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
40	WPAN	FORT WALTON BEACH FL	203.9	CP	BPCDT -19991029AGW
40	WPAN	FORT WALTON BEACH FL	203.9	PLN	DTVPLN -DTVPL1429
40	WDBD	JACKSON MS	206.0	PLN	DTVPLN -DTVPL1441
40	WDBD	JACKSON MS	206.0	CP	BPCDT -20080401ATJ

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 11
Before Analysis

Results for: 39A XX BILOXI USERRECORD01 APP
HAAT 366.0 m, ATV ERP 715.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1048881	29343.7
not affected by terrain losses	1030340	29303.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

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