

May 31, 2011

VIA MESSENGER

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, D.C. 20554

FILED/ACCEPTED

MAY 31 2011

Federal Communications Commission
Office of the Secretary

Attn: Chief, Video Division
Media Bureau

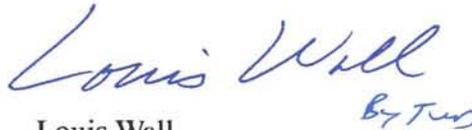
Re: WNCN(TV), Montgomery, Alabama
Facility I.D. No. 74173
Petition to Amend the Table of DTV Allotments

Dear Ms. Dortch:

On behalf of Channel 32 Montgomery LLC, licensee of commercial television station WNCN(TV), Montgomery, Alabama, we hereby transmit an original and four copies of a *Petition for Rule Making* requesting the substitution of Channel 31 for Channel 32 at Montgomery, Alabama in the Table of DTV Allotments.

If any additional information is needed in connection with this matter, please contact the undersigned.

Sincerely,



Louis Wall
President
CHANNEL 32 MONTGOMERY LLC
525 Blackburn Drive
Augusta, Georgia 30907
(706) 855-8506

Enclosure

No. of Copies rec'd 0+4
List ABCDE
MB Video 11-30

**Before the
Federal Communications Commission
Washington, D.C. 20554**

In the Matter of)
)
)
Amendment of Section 73.622(i))
Post-Transition Table of Allotments, Digital) MB Docket No. _____
Television Broadcast Stations) RM - _____
(Montgomery, Alabama))
)

To: The Secretary

Attn: Chief, Video Division
Media Bureau

FILED/ACCEPTED
MAY 31 2011
Federal Communications Commission
Office of the Secretary

PETITION FOR RULE MAKING
TO AMEND THE TABLE OF DTV ALLOTMENTS

By its attorneys and pursuant to Sections 1.401, 73.616, and 73.622(a) of the Commission's Rules,¹ Channel 32 Montgomery LLC ("Licensee"), licensee of WNCF(TV), Montgomery, Alabama (the "Station"), hereby respectfully petitions the Federal Communications Commission ("Commission") to institute a rulemaking to amend Section 73.622(i), the Post-Transition Table of DTV Allotments, by substituting Channel 31 as the Station's allotment as the Station's allotment in lieu of Channel 32.

Specifically, the Post-Transition Table of DTV Allotments would be amended as follows:

	<u>Present</u>	<u>Proposed</u>
Montgomery, Alabama	12, 20, *27, <u>32</u> , 46	12, 20, *27, <u>31</u> , 46

Having operated on DTV channel 32 for over a year, Licensee believes operation on channel 31 would offer more meaningful replication of the traditional analog service area. As set forth in the attached Technical Exhibit, the proposed operation is not predicted to cause

¹ 47 C.F.R. §§ 1.401, 73.616, 73.622(a).

impermissible interference to any other station and complies with the Commission's other rules and policies. The antenna pattern is directional.²

For convenience of the Commission, the chart below shows the proposed parameters:

Facility ID	State & City	DTV					
		Ch.	ERP (kW)	HAAT (m)	Area (sq. km)	Latitude (DDMMSS)	Longitude (DDMMSS)
72307	AL, Montgomery	31	720	473	29472	32-08-58	86-46-51

For the foregoing reasons, Licensee respectfully requests that the Commission amend the Post-Transition Table of DTV Allotments as proposed. Adoption would serve the public interest by permitting the Station to provide a more meaningful replication of service.

Respectfully submitted,

Channel 32 Montgomery LLC

By: 

Louis Wall
President
 CHANNEL 32 MONTGOMERY LLC
 525 Blackburn Drive
 Augusta, Georgia 30907
 (706) 855-8506

May 31, 2011

² The pattern details are provided in the Technical Exhibit. As explained in the Technical Exhibit, the proposed ERP and HAAT exceed the maximums normally permitted in Section 73.622(f)(8), but because the proposed facilities are less than those for co-located station WAKA on channel 42 at Selma, Alabama (1000 kW ERP, 496 m HAAT), the proposed service area is permissible under Section 73.622(f)(5) of the FCC's rules. See Technical Exhibit at p. 1. To the extent necessary, a waiver is requested.

TECHNICAL EXHIBIT
 PETITION FOR RULE MAKING TO
 MODIFY THE DTV TABLE OF ALLOTMENTS
 STATION WNCF(TV)
 MONTGOMERY, ALABAMA

This Technical Exhibit was prepared on behalf of television station WNCF(TV) assigned to Montgomery, Alabama in support of a *Petition for Rule Making* to modify the DTV allotment of WNCF to substitute channel 31 for the current channel 32 DTV allotment.

Station WNCF proposes to operate on UHF channel 31 from the tower currently used by station WAKA (TV) on channel 42 at Selma, Alabama. The FCC antenna structure registration number (ASRN) for the tower is 1037718 and the site coordinates are 32-08-58, 86-46-51 (NAD-27). Station WNCF proposes to operate with a maximum effective radiated power (ERP) of 720 kilowatts (kW) employing a Dielectric DSB-M directional antenna (DA) pattern. The proposed WNCF antenna height above average terrain (HAAT) will be 473 meters. The antenna center of radiation will be 554 meters above mean sea level (AMSL).

The following details the proposed WNCF allotment facilities:

Facility ID	State & City		NTSC		DTV						
			Chan	Chan	ERP (kW)	HAAT (m)	Latitude (DDMMSS)	Longitude (DDMMSS)	Area (sq km)	Population (thousand)	Percent IX Received
72307	AL	Montgomery	--	31	720	473	32-08-58	86-46-51	29472	601	5.6
Rc = 554 m AMSL, Directional Antenna ID No.76203, 45 degrees rotation (see Figure 2)											

Although the proposed WNCF effective radiated power and antenna height above average terrain exceeds the maximum permitted height/power requirements contained in Section 73.622(f)(8) of the Commission's Rules, the proposed facilities are less than those for co-located station WAKA on channel 42 at Selma, Alabama (1000 kW-ND, 496 m).

Domestic Allocation Concerns

The proposed WNCF allotment facilities comply with the 0.5 percent interference standard adopted by the FCC for post-transition DTV operations as shown in Figure 1 to all other known stations. The current channel 32 operations of WNCF have been removed from the interference study. The interference study is based on the FCC standard 2 kilometer cell and 1 kilometer terrain increment.

Population Served

The herein proposed WNCF Channel 31 facility is predicted to serve 601,407 persons, post-transition over an area of 29,472 square kilometers.¹ The proposed noise-limited coverage contour is shown in Figure 3.

John A. Lundin
du Treil, Lundin & Rackley, Inc.
201 Fletcher Avenue
Sarasota, Florida 34237
(941) 329-6000

May 27, 2011

¹ These population and area served values are based upon the OET-69 DTV coverage and interference prediction model using the standard cell size (2 km) and terrain increment (1 km). All population values reported in this technical exhibit are based upon the 2000 Census.

TECHNICAL EXHIBIT
PETITION FOR RULE MAKING TO
MODIFY THE DTV TABLE OF ALLOTMENTS
STATION WNCN(TV)
MONTGOMERY, ALABAMA

OET-69 Allocation Analysis

Percent allowed new interference: 0.500
 Percent allowed new interference to non Class A LPTV: 2.000
 TW Census data selected 2000
 Data Base Selected
 /export/home/cdbs/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 05-27-2011 Time: 12:20:34

Record Selected for Analysis

WNCF-DT USERRECORD-01 MONTGOMERY AL US
 Channel 31 ERP 720. kW HAAT 473. m RCAMSL 00554 m
 Latitude 032-08-58 Longitude 0086-46-51
 Status APP Zone 3 Border Site number: 01
 Dir Antenna Make CDB Model 00000000076203 Beam tilt N Ref Azimuth 45.
 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 (site # 01) does not meet maximum height/power limits
 Channel 31 ERP = 720.00 HAAT = 473.

Site number	1			
Azimuth	ERP	HAAT	41.0 dBu F(50,90)	
(Deg)	(kW)	(m)	(km)	
0.0	701.402	472.5	108.9	
45.0	576.738	499.1	109.1	
90.0	697.853	483.7	109.8	
135.0	432.450	459.3	103.0	
180.0	81.285	473.0	89.9	
225.0	47.555	484.7	86.8	
270.0	81.043	462.8	89.3	
315.0	435.804	451.5	102.4	

Evaluation toward Class A Stations from site # 01

No Spacing violations or contour overlap
 to Class A stations from site # 01

Class A Evaluation Complete

Checks to Site Number 01

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

	Proposed Station			
Channel	Call	City/State	ARN	
31	WNCF-DT	MONTGOMERY AL	USERRECORD01	

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	WIAT	BIRMINGHAM AL	148.4	LIC	BLCDT	20021219AAV
30	WLGA-DR	OPELIKA AL	188.0	APP	BPRM	20090722ACP
30	WLGA	OPELIKA AL	188.0	CP	BPCDT	20091105ADF
31	WSRE	PENSACOLA FL	188.1	LIC	BLEDT	20060621AAS
31	WDMA-CA	MACON GA	301.4	LIC	BLTTA	20060321ABK
31	WLAE-TV	NEW ORLEANS LA	386.2	LIC	BLEDT	20090205AAL
31	WGBC	MERIDIAN MS	180.8	LIC	BLCDT	20071024AAK

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	WIAT	BIRMINGHAM AL	BLCDT	-20021219AAV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	WBIH	SELMA AL	105.0	LIC	BLCDT	-20090619AAY
30	WLGA-DR	OPELIKA AL	228.3	APP	BPRM	-20090722ACP
30	WLGA	OPELIKA AL	228.3	CP	BPCDT	-20091105ADF
30	WLBT-DR	JACKSON MS	362.5	APP	BPRM	-20090813ADM
30	WLBT	JACKSON MS	362.5	LIC	BLCDT	-20100119AEE
30	WVLT-TV	KNOXVILLE TN	381.7	CP	BPCDT	-20080618AAM
30	WVLT-TV	KNOXVILLE TN	381.7	LIC	BLCDT	-20040420AAF
31	WGBC	MERIDIAN MS	217.9	LIC	BLCDT	-20071024AAK
31	WNCF-DT	MONTGOMERY AL	148.4	APP	USERRECORD-01	

Total scenarios = 10

Result key: 1
 Scenario 1 Affected station 1 (Worst Scenario)
 Before Analysis

Results for: 30A AL BIRMINGHAM BLCDT 20021219AAV LIC
 HAAT 426.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1724395	32961.0
not affected by terrain losses	1693417	31764.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	22247	1466.7
lost to ATV IX only	22247	1466.7
lost to all IX	22247	1466.7

Potential Interfering Stations Included in above Scenario 1

29A AL SELMA	BLCDT	20090619AAY	LIC
30A AL OPELIKA	BPCDT	20091105ADF	CP
30A MS JACKSON	BLCDT	20100119AEE	LIC
30A TN KNOXVILLE	BPCDT	20080618AAM	CP

After Analysis

Results for: 30A AL BIRMINGHAM BLCDT 20021219AAV LIC
 HAAT 426.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1724395	32961.0
not affected by terrain losses	1693417	31764.3
lost to NTSC IX	0	0.0
lost to additional IX by ATV	22469	1519.1
lost to ATV IX only	22469	1519.1
lost to all IX	22469	1519.1

Potential Interfering Stations Included in above Scenario 1

29A AL SELMA	BLCDT	20090619AAY	LIC
30A AL OPELIKA	BPCDT	20091105ADF	CP
30A MS JACKSON	BLCDT	20100119AEE	LIC
30A TN KNOXVILLE	BPCDT	20080618AAM	CP
31A AL MONTGOMERY	USERRECORD01		APP

Percent new IX = 0.0133%

Worst case new IX 0.0133% Scenario 1

#####

Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	WLGA-DR	OPELIKA AL	BPRM	-20090722ACP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	WBIH	SELMA AL	194.0	LIC	BLCDT	-20090619AAY
30	WIAT	BIRMINGHAM AL	228.3	LIC	BLCDT	-20021219AAV
30	WLGA	OPELIKA AL	0.0	CP	BPCDT	-20091105ADF
30	WAGT	AUGUSTA GA	301.3	LIC	BLCDT	-20030530AON
30	WVLT-TV	KNOXVILLE TN	415.6	CP	BPCDT	-20080618AAM
30	WVLT-TV	KNOXVILLE TN	415.6	LIC	BLCDT	-20040420AAF
31	WNCB-DT	MONTGOMERY AL	188.0	APP	USERRECORD-01	

Total scenarios = 1

Result key: 11
 Scenario 1 Affected station 2
 Before Analysis

Results for: 30A AL OPELIKA BPRM 20090722ACP APP
 HAAT 532.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1223474	42287.5
not affected by terrain losses	1208716	41767.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1117195	38074.4
lost to ATV IX only	1117195	38074.4
lost to all IX	1117195	38074.4

Potential Interfering Stations Included in above Scenario 1

29A AL SELMA	BLCDT	20090619AAAY	LIC
30A AL BIRMINGHAM	BLCDT	20021219AAV	LIC
30A AL OPELIKA	BPCDT	20091105ADF	CP
30A GA AUGUSTA	BLCDT	20030530AON	LIC

After Analysis

Results for: 30A AL OPELIKA BPRM 20090722ACP APP
 HAAT 532.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1223474	42287.5
not affected by terrain losses	1208716	41767.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	1117195	38074.4
lost to ATV IX only	1117195	38074.4
lost to all IX	1117195	38074.4

Potential Interfering Stations Included in above Scenario 1

29A AL SELMA	BLCDT	20090619AAAY	LIC
30A AL BIRMINGHAM	BLCDT	20021219AAV	LIC
30A AL OPELIKA	BPCDT	20091105ADF	CP
30A GA AUGUSTA	BLCDT	20030530AON	LIC
31A AL MONTGOMERY	USERRECORD01		APP

Percent new IX = 0.0000%

Worst case new IX 0.0000% Scenario 1

#####

Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
30	WLGA	OPELIKA AL	BPCDT	-20091105ADF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
29	WBIH	SELMA AL	194.0	LIC	BLCDT	-20090619AAAY
30	WIAT	BIRMINGHAM AL	228.3	LIC	BLCDT	-20021219AAV
30	WLGA-DR	OPELIKA AL	0.0	APP	BPRM	-20090722ACP
30	WAGT	AUGUSTA GA	301.3	LIC	BLCDT	-20030530AON
30	WVLT-TV	KNOXVILLE TN	415.6	CP	BPCDT	-20080618AAM
30	WVLT-TV	KNOXVILLE TN	415.6	LIC	BLCDT	-20040420AAF
31	WNCF-DT	MONTGOMERY AL	188.0	APP	USERRECORD-01	

Total scenarios = 3

Result key: 12
 Scenario 1 Affected station 3 (Worst Scenario)
 Before Analysis

Results for: 30A AL OPELIKA BPCDT 20091105ADF CP
 HAAT 532.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1223474	42287.5
not affected by terrain losses	1208716	41767.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	29687	927.3
lost to ATV IX only	29687	927.3
lost to all IX	29687	927.3

Potential Interfering Stations Included in above Scenario 1

29A AL SELMA	BLCDT	20090619AAAY	LIC
30A AL BIRMINGHAM	BLCDT	20021219AAV	LIC
30A GA AUGUSTA	BLCDT	20030530AON	LIC

After Analysis

Results for: 30A AL OPELIKA BPCDT 20091105ADF CP
 HAAT 532.0 m, ATV ERP 800.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1223474	42287.5
not affected by terrain losses	1208716	41767.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	30152	975.6
lost to ATV IX only	30152	975.6
lost to all IX	30152	975.6

Potential Interfering Stations Included in above Scenario 1

29A AL SELMA	BLCDT	20090619AAAY	LIC
30A AL BIRMINGHAM	BLCDT	20021219AAV	LIC
30A GA AUGUSTA	BLCDT	20030530AON	LIC
31A AL MONTGOMERY	USERRECORD01		APP

Percent new IX = 0.0394%

Worst case new IX 0.0394% Scenario 1

#####

Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	WSRE	PENSACOLA FL	BLEDT	-20060621AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	WLAE-TV	NEW ORLEANS LA	235.6	LIC	BLEDT	-20090205AAL
31	WGBC	MERIDIAN MS	216.7	LIC	BLCDT	-20071024AAK

31 WNCF-DT MONTGOMERY AL 188.1 APP USERRECORD-01

Total scenarios = 1

Result key: 15
 Scenario 1 Affected station 4
 Before Analysis

Results for: 31A FL PENSACOLA BLEDT 20060621AAS LIC
 HAAT 549.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1254908	33537.8
not affected by terrain losses	1254675	33485.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	473	116.0
lost to ATV IX only	473	116.0
lost to all IX	473	116.0

Potential Interfering Stations Included in above Scenario 1

31A MS MERIDIAN BLCDT 20071024AAK LIC

After Analysis

Results for: 31A FL PENSACOLA BLEDT 20060621AAS LIC
 HAAT 549.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1254908	33537.8
not affected by terrain losses	1254675	33485.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	5705	744.0
lost to ATV IX only	5705	744.0
lost to all IX	5705	744.0

Potential Interfering Stations Included in above Scenario 1

31A MS MERIDIAN BLCDT 20071024AAK LIC
 31A AL MONTGOMERY USERRECORD01 APP

Percent new IX = 0.4172%

Worst case new IX 0.4172% Scenario 1

#####

Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	WDMA-CA	MACON GA	BLTTA	-20060321ABK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
23	WJSP-TV	COLUMBUS GA	96.1	LIC	BLEDT	-20080521AAH
27	WAGA-TV	ATLANTA GA	122.7	LIC	BLCDT	-20060728AEL
30	WLGA-DR	OPELIKA AL	119.7	APP	BPRM	-20090722ACP
30	WLGA	OPELIKA AL	119.7	CP	BPCDT	-20091105ADF

31	WSB-TV	ATHENS GA	121.5	LIC	BLCDT	-20100429ADZ
31	WANN-CA	ATLANTA GA	123.9	APP	BDISTTL	-20091125AFY
31	WANN-CA	ATLANTA GA	123.9	APP	BDISDTL	-20091015ABG
31	WRDW-DR	AUGUSTA GA	181.5	APP	BPRM	-20110503AER
31	WFXG	AUGUSTA GA	182.5	CP	BPCDT	-20090303ABA
31	WFXG-DR	AUGUSTA GA	182.5	APP	BPRM	-20080620AON
32	WPGA-TV	PERRY GA	14.7	CP MOD	BMPCDT	-20080619AER
32	WPGA-TV	PERRY GA	14.7	LIC	BLCDT	-20071213AAD
35	WLTZ	COLUMBUS GA	121.3	LIC	BLCDT	-20060627ABT
39	WSB-TV	ATLANTA GA	120.9	LIC	BLCDT	-20100129ADE
45	WGNM	MACON GA	13.6	LIC	BLCDT	-20050621CRQ
31	WNCF-DT	MONTGOMERY AL	301.4	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	WLAE-TV	NEW ORLEANS LA	BLEDT	-20090205AAL

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
31	WSRE	PENSACOLA FL	235.6	LIC	BLEDT	-20060621AAS
31	KLAX-TV	ALEXANDRIA LA	304.1	CP	BPCDT	-20080617ADM
31	WGBC	MERIDIAN MS	286.9	LIC	BLCDT	-20071024AAK
31	WNCF-DT	MONTGOMERY AL	386.2	APP	USERRECORD-01	

Proposal causes no interference

#####

Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
31	WGBC	MERIDIAN MS	BLCDT	-20071024AAK

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
30	WIAT	BIRMINGHAM AL	217.9	LIC	BLCDT	-20021219AAV
30	WLBT-DR	JACKSON MS	159.4	APP	BPRM	-20090813ADM
30	WLBT	JACKSON MS	159.4	LIC	BLCDT	-20100119AEE
31	WSRE	PENSACOLA FL	216.7	LIC	BLEDT	-20060621AAS
31	KLAX-TV	ALEXANDRIA LA	373.6	CP	BPCDT	-20080617ADM
31	WLAE-TV	NEW ORLEANS LA	286.9	LIC	BLEDT	-20090205AAL
31	WLMT	MEMPHIS TN	342.7	LIC	BLCDT	-20050427ABN
32	WABG-TV	GREENWOOD MS	208.0	LIC	BLCDT	-20051024ABR
31	WNCF-DT	MONTGOMERY AL	180.8	APP	USERRECORD-01	

Total scenarios = 3

Result key: 16
 Scenario 1 Affected station 7 (Worst Scenario)
 Before Analysis

Results for: 31A MS MERIDIAN BLCDT 20071024AAK LIC
 HAAT 165.0 m, ATV ERP 828.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	250034	17941.4
not affected by terrain losses	249818	17852.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	800	141.0
lost to ATV IX only	800	141.0
lost to all IX	800	141.0

Potential Interfering Stations Included in above Scenario 1

30A MS JACKSON	BLCDT	20100119AEE	LIC
31A FL PENSACOLA	BLEDT	20060621AAS	LIC
31A TN MEMPHIS	BLCDT	20050427ABN	LIC

After Analysis

Results for: 31A MS MERIDIAN BLCDT 20071024AAK LIC
 HAAT 165.0 m, ATV ERP 828.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	250034	17941.4
not affected by terrain losses	249818	17852.7
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2037	580.3
lost to ATV IX only	2037	580.3
lost to all IX	2037	580.3

Potential Interfering Stations Included in above Scenario 1

30A MS JACKSON	BLCDT	20100119AEE	LIC
31A FL PENSACOLA	BLEDT	20060621AAS	LIC
31A TN MEMPHIS	BLCDT	20050427ABN	LIC
31A AL MONTGOMERY	USERRECORD01		APP

Percent new IX = 0.4968%

Worst case new IX 0.4968% Scenario 1

#####

Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application Ref. No.
31	WNCF-DT	MONTGOMERY AL	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
30	WIAT	BIRMINGHAM AL	148.4	LIC	BLCDT -20021219AAV
30	WLGA-DR	OPELIKA AL	188.0	APP	BPRM -20090722ACP
30	WLGA	OPELIKA AL	188.0	CP	BPCDT -20091105ADF
31	WSRE	PENSACOLA FL	188.1	LIC	BLEDT -20060621AAS
31	WLAE-TV	NEW ORLEANS LA	386.2	LIC	BLEDT -20090205AAL
31	WGBC	MERIDIAN MS	180.8	LIC	BLCDT -20071024AAK

Total scenarios = 3

Result key: 19
Scenario 1 Affected station 8 (Worst Scenario)
Before Analysis

Results for: 31A AL MONTGOMERY USERRECORD01 APP
HAAT 473.0 m, ATV ERP 720.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	642358	32253.1
not affected by terrain losses	637322	31962.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	35915	2490.3
lost to ATV IX only	35915	2490.3
lost to all IX	35915	2490.3

Potential Interfering Stations Included in above Scenario 1

30A AL BIRMINGHAM	BLCDT	20021219AAV	LIC
30A AL OPELIKA	BPCDT	20091105ADF	CP
31A FL PENSACOLA	BLEDT	20060621AAS	LIC
31A MS MERIDIAN	BLCDT	20071024AAK	LIC

#####

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

Figure 2

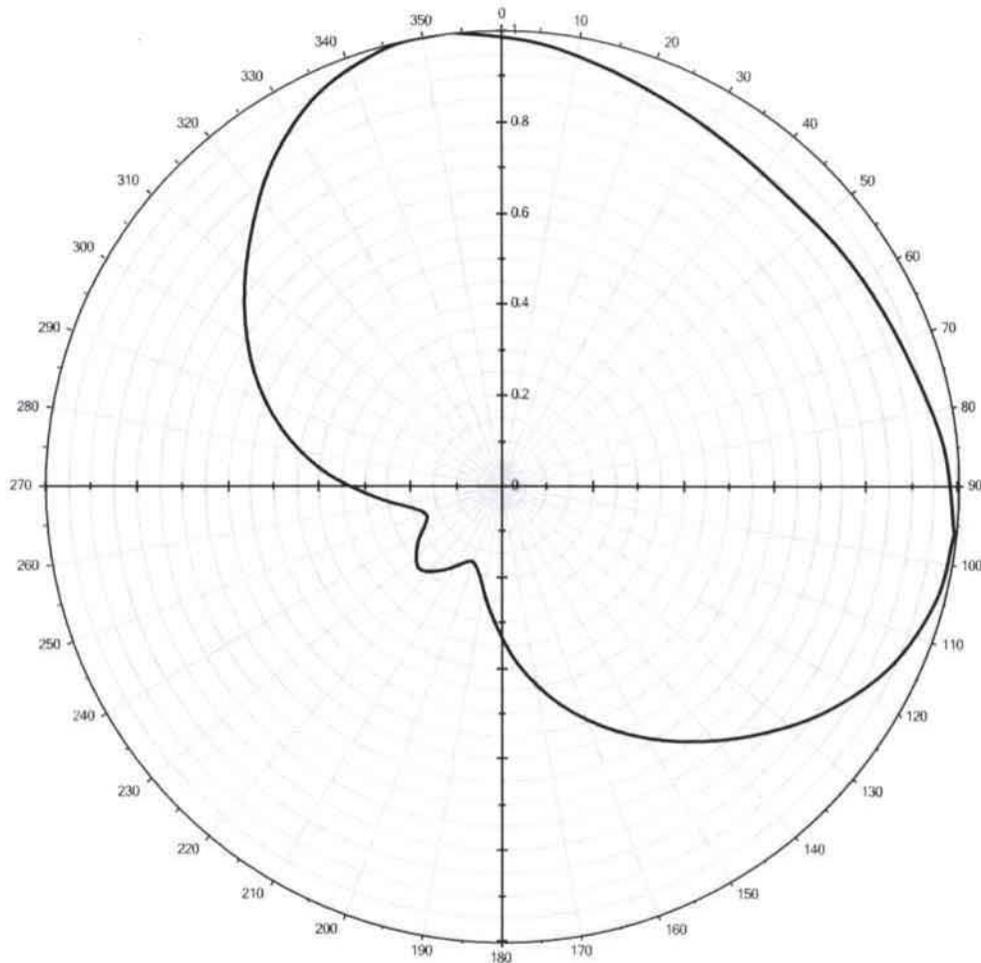


DA Inquiry

du Treil, Lundin, & Rackley, Inc., Sarasota, Florida

Antenna ID: 76203

Proposed WNCF-DT
Montgomery, Alabama
Ch.31, 720 kW-DA, 473 m



Note: display reflects rotation of 45.00°

0°	0.895	60°	0.985	120°	0.497	180°	0.257	240°	0.502	300°	0.993	52°	0.996
10°	0.908	70°	0.940	130°	0.392	190°	0.227	250°	0.599	310°	0.998	156°	0.179
20°	0.921	80°	0.865	140°	0.280	200°	0.183	260°	0.688	320°	0.976	204°	0.178
30°	0.942	90°	0.775	150°	0.197	210°	0.194	270°	0.778	330°	0.944	307°	1.000
40°	0.974	100°	0.684	160°	0.184	220°	0.278	280°	0.873	340°	0.918		
50°	0.995	110°	0.593	170°	0.226	230°	0.393	290°	0.951	350°	0.901		

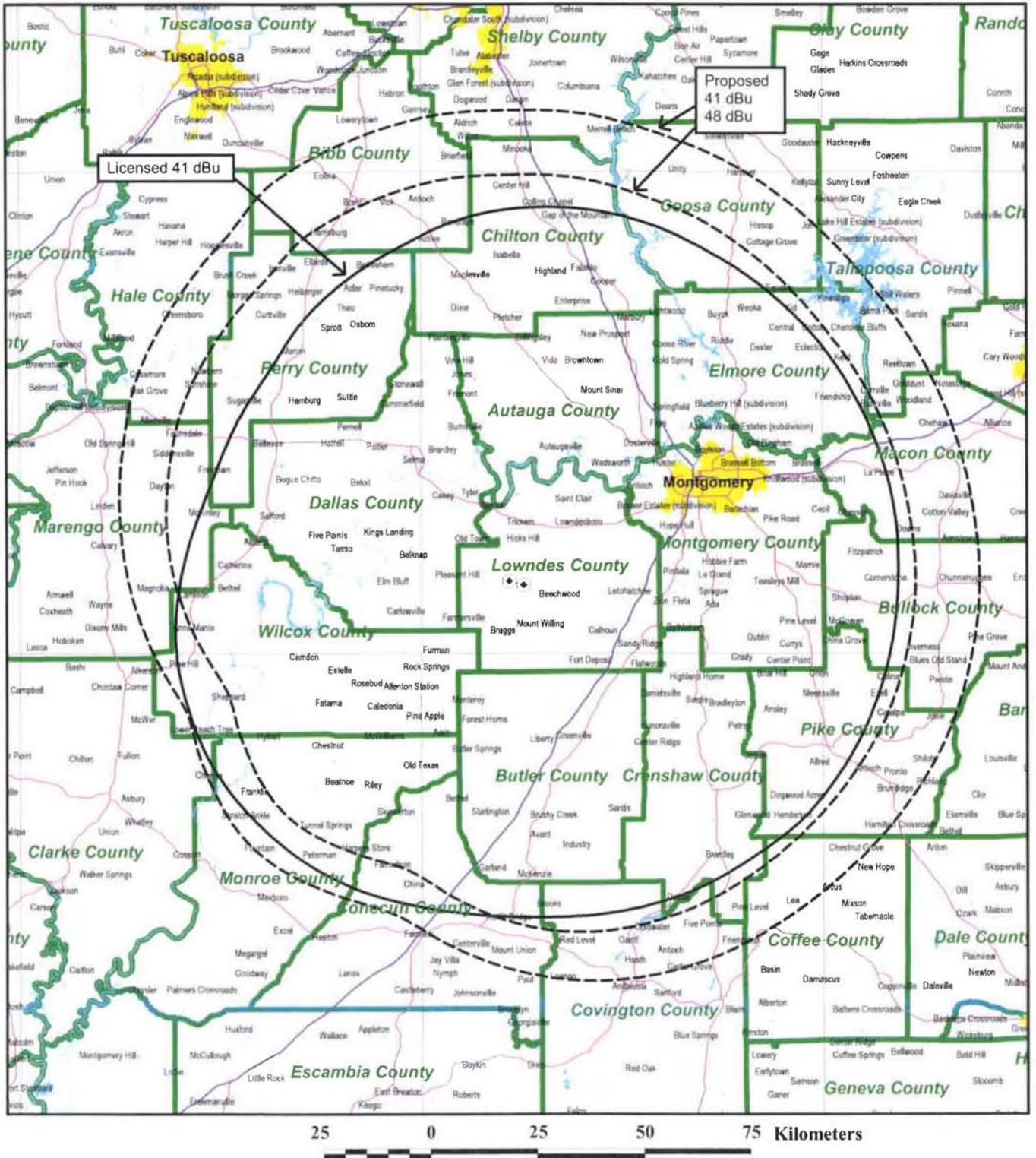
Antenna Make: DIE

Standard Pattern:

Antenna Model: TFU-8DSB-M

Last Change Date:

Figure 3



PREDICTED DTV CONTOURS

STATION WNCF(TV)
MONTGOMERY, ALABAMA
CH 31 720 KW (MAX-DA) 473 M

du Treil, Lundin & Rackley, Inc. Sarasota, Florida