

TECHNICAL EXHIBIT
AMENDMENT TO
APPLICATION FOR DTV CONSTRUCTION PERMIT
FCC FILE NO. BPCDT-20000427AAD
FACILITY ID 41674
STATION WNDU-DT
SOUTH BEND, INDIANA
CH 42 695 KW 299 M

Technical Narrative

This technical exhibit was prepared in support of an amendment to the pending maximization application for DTV construction permit for station WNDU-DT on channel 42 at South Bend, Indiana (BPCDT-20000427AAD). By means of this amendment application, WNDU-DT proposes to decrease the nondirectional effective radiated power (ERP) from 1000 kW to 695 kW. No other changes are proposed. The instant application is considered a minor change in facilities pursuant to Section 73.3572(a). Furthermore, as detailed below, the instant application is also acceptable for filing under the criteria set forth in the FCC TV/DTV freeze as there will be no increase in WNDU-DT's proposed DTV service area in any direction.¹

Purpose of Amendment

The purpose of this instant amendment application is to eliminate a conflict with the pending maximization application for WQRF-TV on channel 42 at Rockford, Illinois (BPCDT-19991029AIK). As detailed below, the proposal complies with the *de minimus* interference criteria contained in Section 73.623(c)(2) with respect to the WQRF-TV maximization application as well as to all other existing, authorized or proposed stations and allotments.

¹ See FCC Public Notice dated August 3, 2004 entitled "Freeze on the Filing of Certain TV and DTV Requests for Allotment or Service Area Changes" (DA 04-2446).

Pending Application

The pending WNDU-DT application (BPCDT-20000427AAD) proposes to operate DTV channel 42 with a nondirectional DTV antenna system maximum ERP of 1000 kW and an antenna height above average terrain (HAAT) of 299 meters. The proposed transmitter site is located at N41°36'20", W86°12'46". The antenna structure registration number is 1027596.

Amended Operation

By this instant amendment, WNDU-DT proposes to operate on DTV channel 42 from the proposed site location with a nondirectional DTV antenna system maximum ERP of 695 kW and an HAAT of 299 meters.

Response to Paragraph 10 - Antenna Data

Figure 1 provides vertical plane radiation pattern data for the proposed Dielectric model TFU-30DSC-R 03, horizontally polarized, nondirectional antenna system.

Response to Paragraph 11 - Interference Protection

Figure 2 is the separation study for DTV channel 42 from the proposed WNDU-DT site. The study has been used to determine the assignments requiring interference studies using the procedures outlined in the FCC's OET-69 bulletin. An interference analysis has been conducted using the procedures outlined in the FCC's OET-69 bulletin which demonstrates that the proposal complies with the interference protection provisions of Section 73.623(c)(2).² Interference calculations for the proposed WNDU-DT DTV operation are summarized below. It is noted that the summary only includes stations with which interference (masked or unmasked) is calculated.

² The du Treil, Lundin & Rackley, Inc. DTV interference analysis program is based on the program and procedures outlined by the FCC in the Sixth Report and Order; subsequent Memorandum Opinion and Order; and FCC OET Bulletin No. 69. A nominal grid size resolution of 2 km was employed.

Protected NTSC/DTV Station	FCC Service Population	Proposed Unique Interference Population*
WOTV, NTSC Ch. 41 Battle Creek, MI License	1,800,294	1,493 (0.08%)
WQRF-DT, DTV Ch. 42 Rockford, IL Allotment Application	690,621 690,621	410 (0.06%) 13,390 (1.94%)
WCLJ-TV, NTSC Ch. 42 Bloomington, IN License	1,561,287	2,899 (0.19%)
WCPX, DTV Ch. 42 Chicago, IL Allotment CP	8,098,818 8,098,818	502 (0.01%) 8,153 (0.10%)
WSNS-TV, NTSC Ch. 44 Chicago, IL License	8,220,109	157 (0.00%)

*Considers interference "masking" from other NTSC and DTV assignments.

As indicated, the proposal complies with the FCC's 2%/10% interference standard applicable to DTV.

Class A Allocation Considerations

A study has been conducted which indicates that the WNDU-DT proposal will not create prohibited interference to other existing, authorized or proposed Class A stations.

Compliance with TV Freeze Order

Figure 3 is a map which depicts the location of the predicted 41 dBu, F(50,90) contours for the pending WNDU-DT maximization application (BPCDT-20000427AAD) and the herein amended WNDU-DT DTV channel 42 operation. As indicated, the 41 dBu contour for the instant amendment application is entirely within the 41 dBu contour for the pending application. Therefore, it is believed that the instant amendment application is acceptable for filing under the criteria set forth in the FCC TV/DTV freeze as there will be

no increase in WNDU-DT's DTV channel 42 service area, based on the pending application facilities, in any direction.

Response to Paragraph 12 - City Coverage

Figure 3 also depicts the predicted 48 dBu, F(50,90) coverage contour for the herein amended WNDU-DT channel 42 operation. As indicated South Bend is located within the 48 dBu contour. The South Bend city limits were derived from information contained in the 2000 U.S. Census for Indiana.

The distances to the predicted 41 dBu and 48 dBu, F(50,90) coverage contours were determined in accordance with the provisions of Section 73.625. The average elevations from 3.2 to 16.1 kilometers from the transmitter site, were obtained from the NGDC 30-second terrain database and were used for determining the distances to coverage contours.

US-Canadian LOU Compliance

The proposed site is 256.8 kilometers from the closest point of the Canadian Border. Hence, coordination of the proposed WNDU-DT operation on channel 42 with Canada may be necessary. It is noted that the proposed WNDU-DT operation complies with the requirements of the distance tables in Appendix 2 of the Letter of Understanding (LOU) between the FCC and Industry Canada.³

Objectionable Interference

Station WSBT(AM) is the only authorized full service AM station within 5 kilometers (3 miles) of the proposed transmitter site. Figure 4 provides a tabulation of all known authorized full service FM and TV stations within 16 kilometers of the proposed WNDU-DT site. Although no adverse electromagnetic impact is expected, the applicant recognizes its responsibility to correct problems, which are a result of its proposed operation.

³ See Letter of "Understanding Between the Federal Communications Commission of the United States of American and Industry Canada Related to the Use of the 54-72 MHz, 76-88 MHz, 174-216 MHz and 470-806 MHz Bands for the Digital Television Broadcasting Service Along the Common Border".

The proposed site is more than 1895 kilometers from the closest point of the Mexican border. The closest FCC monitoring station is at Allegan, Michigan located 113 kilometers to the north. The National Radio Quiet Zone (VA/WV) is 550 kilometers to the east-southeast. The Table Mountain Radio Quiet Zone (CO) is more than 1603 kilometers to the west. The closest radio astronomy site conducting research on TV channel 37 is at North Liberty, Iowa located 445 kilometers to the west. All these separations are considered sufficient to avoid interference from the proposed operation.

Response to Paragraph 13 - Environmental Protection Act

The proposed facilities were evaluated in terms of potential radio frequency (RF) energy exposure at ground level to workers and the general public. The radiation center for the proposed DTV antenna is located 280 meters above ground level. The maximum DTV ERP is 695 kW (horizontal polarization). A "worst-case" vertical plane relative field value of 0.1 (for angles below 60 degrees downward) is assumed for the antenna's downward radiation (see Figure 1). The calculated power density at a point 2 meters above ground level is 0.0030 mW/cm^2 . This is 0.69% of the FCC's recommended limit of 0.43 mW/cm^2 for channel 42 for an "uncontrolled" environment. Therefore, based on the responsibility threshold of 5%, the proposal will comply with the new RF emission rules.

Access to the transmitting site will continue to be restricted and appropriately marked with warning signs. As this is a proposed multi-user site, agreements are currently in effect concerning workers or other authorized personnel that enter restricted areas or climb the tower, to ensure that appropriate measures are taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing "accepted" RFR protective clothing and/or RFR exposure monitors or scheduling work when the stations are at reduced power or shut down. The proposed WNDU-DT operation appears to be otherwise categorically excluded from environmental processing.

If there are questions concerning the technical portion of this application, please contact the office of the undersigned.

W. Jeffrey Reynolds

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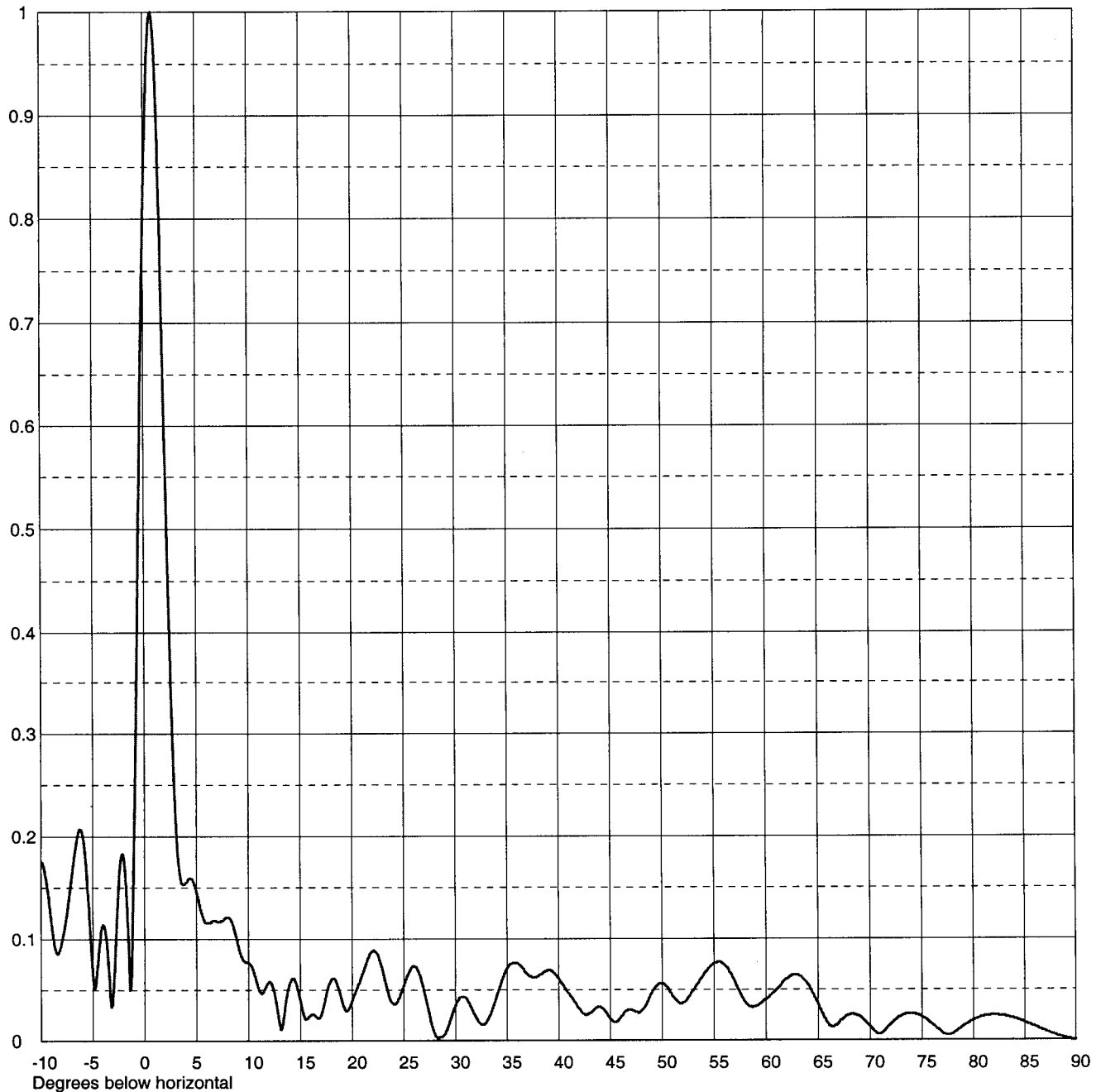
November 1, 2004

Dielectric

Date	01 Nov 2004	Channel	42
Call Letters			
Location			
Customer			
Antenna Type	TFU-30DSC-R 03		

ELEVATION PATTERN

RMS Gain at Main Lobe	25.5 (14.07 dB)	Beam Tilt	0.75 Degrees
RMS Gain at Horizontal	16.6 (12.20 dB)	Frequency	641.00 MHz
Calculated / Measured	Calculated	Drawing #	30Q255075-90



Remarks:



Date **01 Nov 2004**
 Call Letters **WNDU-DT** Channel **42**
 Location **SOUTH BEND**
 Customer
 Antenna Type **TFU-30DSC-R 03**

TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing # **30Q255075-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.176	2.4	0.416	10.6	0.065	30.5	0.043	51.0	0.044	71.5	0.010
-9.5	0.157	2.6	0.336	10.8	0.058	31.0	0.042	51.5	0.038	72.0	0.016
-9.0	0.116	2.8	0.270	11.0	0.051	31.5	0.033	52.0	0.037	72.5	0.020
-8.5	0.086	3.0	0.219	11.5	0.049	32.0	0.023	52.5	0.042	73.0	0.024
-8.0	0.097	3.2	0.183	12.0	0.058	32.5	0.016	53.0	0.049	73.5	0.026
-7.5	0.125	3.4	0.163	12.5	0.047	33.0	0.018	53.5	0.057	74.0	0.026
-7.0	0.163	3.6	0.154	13.0	0.017	33.5	0.029	54.0	0.064	74.5	0.025
-6.5	0.200	3.8	0.153	13.5	0.030	34.0	0.044	54.5	0.071	75.0	0.023
-6.0	0.202	4.0	0.155	14.0	0.057	34.5	0.059	55.0	0.075	75.5	0.020
-5.5	0.149	4.2	0.158	14.5	0.059	35.0	0.071	55.5	0.077	76.0	0.016
-5.0	0.065	4.4	0.159	15.0	0.040	35.5	0.076	56.0	0.074	76.5	0.011
-4.5	0.078	4.6	0.158	15.5	0.021	36.0	0.076	56.5	0.067	77.0	0.007
-4.0	0.114	4.8	0.153	16.0	0.025	36.5	0.071	57.0	0.058	77.5	0.005
-3.5	0.075	5.0	0.146	16.5	0.024	37.0	0.065	57.5	0.047	78.0	0.006
-3.0	0.051	5.2	0.138	17.0	0.025	37.5	0.062	58.0	0.038	78.5	0.010
-2.8	0.093	5.4	0.129	17.5	0.045	38.0	0.063	58.5	0.033	79.0	0.014
-2.6	0.134	5.6	0.122	18.0	0.060	38.5	0.067	59.0	0.033	79.5	0.017
-2.4	0.166	5.8	0.117	18.5	0.057	39.0	0.069	59.5	0.036	80.0	0.020
-2.2	0.182	6.0	0.116	19.0	0.040	39.5	0.067	60.0	0.040	80.5	0.022
-2.0	0.179	6.2	0.116	19.5	0.029	40.0	0.061	60.5	0.045	81.0	0.023
-1.8	0.154	6.4	0.117	20.0	0.039	40.5	0.053	61.0	0.050	81.5	0.024
-1.6	0.106	6.6	0.118	20.5	0.052	41.0	0.046	61.5	0.055	82.0	0.025
-1.4	0.050	6.8	0.118	21.0	0.066	41.5	0.039	62.0	0.060	82.5	0.024
-1.2	0.087	7.0	0.117	21.5	0.080	42.0	0.031	62.5	0.064	83.0	0.024
-1.0	0.193	7.2	0.117	22.0	0.088	42.5	0.026	63.0	0.064	83.5	0.023
-0.8	0.316	7.4	0.118	22.5	0.084	43.0	0.027	63.5	0.061	84.0	0.021
-0.6	0.447	7.6	0.119	23.0	0.067	43.5	0.031	64.0	0.055	84.5	0.020
-0.4	0.577	7.8	0.121	23.5	0.046	44.0	0.033	64.5	0.046	85.0	0.018
-0.2	0.699	8.0	0.121	24.0	0.036	44.5	0.029	65.0	0.036	85.5	0.016
0.0	0.807	8.2	0.120	24.5	0.041	45.0	0.021	65.5	0.025	86.0	0.014
0.2	0.894	8.4	0.117	25.0	0.054	45.5	0.018	66.0	0.016	86.5	0.011
0.4	0.957	8.6	0.111	25.5	0.067	46.0	0.023	66.5	0.013	87.0	0.009
0.6	0.993	8.8	0.103	26.0	0.073	46.5	0.029	67.0	0.017	87.5	0.007
0.8	1.000	9.0	0.094	26.5	0.066	47.0	0.030	67.5	0.022	88.0	0.005
1.0	0.980	9.2	0.086	27.0	0.047	47.5	0.028	68.0	0.025	88.5	0.003
1.2	0.936	9.4	0.081	27.5	0.025	48.0	0.029	68.5	0.025	89.0	0.002
1.4	0.870	9.6	0.078	28.0	0.007	48.5	0.036	69.0	0.023	89.5	0.001
1.6	0.789	9.8	0.077	28.5	0.003	49.0	0.047	69.5	0.019	90.0	0.000
1.8	0.697	10.0	0.077	29.0	0.006	49.5	0.054	70.0	0.014		
2.0	0.601	10.2	0.075	29.5	0.020	50.0	0.056	70.5	0.008		
2.2	0.506	10.4	0.071	30.0	0.034	50.5	0.052	71.0	0.006		

Remarks:

CDBS TV/DTV SEPARATION STUDY

Job Title: Proposed WNDU-DT, South Bend, IN
Channel: 42
Class: VL
Type: DT

Separation Buffer: 161 km
Coordinates: 41-36-20 086-12-46
Zone: I

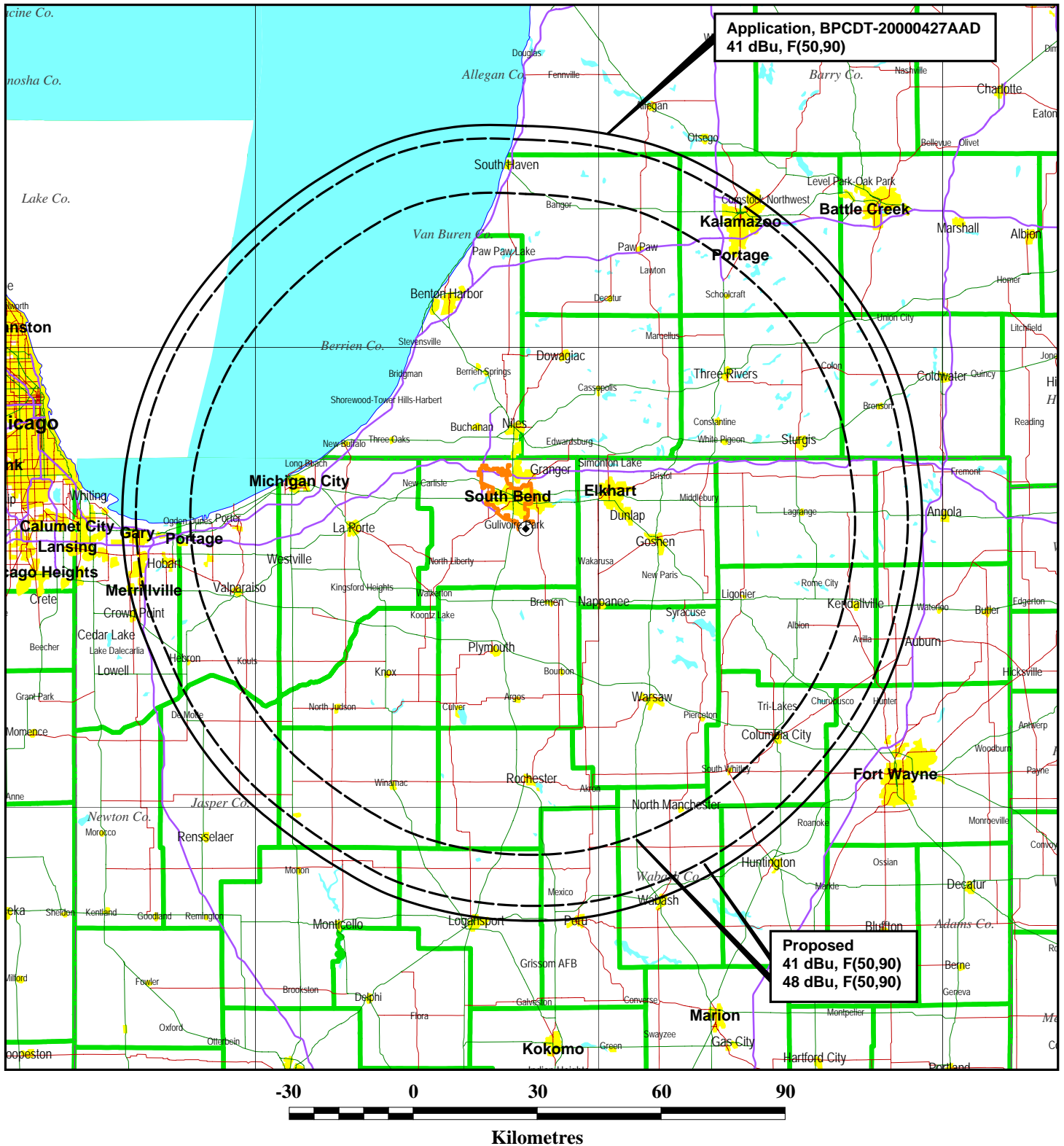
Call Id	City St	File Status	Channel Num	Channel Zone	ERP HAAT	DA Id	Latitude Longitude	Bear	Dist. (km)	Req. min max
WOLP-C 36839	GRAND RAPID MI LIC	BLTTL C	19980626JE	27(-)	15.300	D 16976	42-57-36 085-39-18	16.8	157.3 76.83	0.0 0.0 Class A
WBGU-T 6568	BOWLING OH CP	GRE BPET C	20030613AF	27(+)	1000.000	N 320 59849	41-08-12 083-54-24	104.4	199.8 119.34	24.1 80.5 Clear
WBGU-T 6568	BOWLING OH LIC	GRE BLET C	19860808KL	27(+)	1000.000		41-08-13 083-54-23	104.4	199.9 119.36	24.1 80.5 Clear
WCCU 69544	URBANA IL LIC	BLCT C	20020226AA	27(-)	3390.000	D 139 39172	40-18-46 087-55-00	225.4	202.9 122.45	24.1 80.5 Clear
WSJV 74007	ELKHART IN LIC	BLCT C	19991223AC	28(+)	5000.000	D 335 30747	41-36-58 086-11-38	53.2	2.0 22.14	24.1 80.5 Clear
WNIT 41671	SOUTH BEND IN LIC	BLET C	19910307KE	34(-)	1380.000	N 246 66515	41-36-59 086-11-43	50.4	1.9 22.21	24.1 80.5 Clear
W34CK 66978	ARLINGTON IL LIC	H BLTTA C	20021204AA	34(Z)	0.470	C 42495	41-52-44 087-38-10	284.9	122.2 41.73	0.0 0.0 Class A
W34CK 66978	ARLINGTON IL CP	H BPTTA C	20040621AB	34(Z)	48.000	C 66956	41-52-44 087-38-10	284.9	122.2 41.73	0.0 0.0 Class A
WGVU-T 24784	GRAND RAPID MI LIC	BMLET C	19911016KH	35(+)	1320.000	N 262	42-57-35 085-53-45	9.7	152.7 72.17	24.1 80.5 Clear
WLIO 37503	LIMA OH LIC	BLCT C	19890519KE	35(-)	661.000		40-44-54 084-07-55	118.0	198.9 118.37	24.1 80.5 Clear
WWTO-T 998	LASALLE IL LIC	BLCT C	19861212LH	35(Z)	5000.000	D 418 17182	41-16-51 088-56-13	261.9	230.5 150.00	24.1 80.5 Clear
WCPX 10981	CHICAGO IL LIC	BLCT C	2495	38(-)	5000.000	D 381 20628	41-53-56 087-37-23	286.0	121.7 41.24	24.1 80.5 Clear
WCPX 10981	CHICAGO IL APP	BPCT C	20040802AT	38(-)	3630.000	D 510 67250	41-52-44 087-38-08	284.9	122.2 41.69	24.1 80.5 Clear
WCPX 10981	CHICAGO IL CP	BMPCT C	20030107AA	38(-)	3132.000	D 479 46034	41-52-44 087-38-08	284.9	122.2 41.69	24.1 80.5 Clear
WMKG-L 33869	MUSKEGON MI CP	BPTTL C	19980601KV	38(+)	13.500	D 20311	43-15-06 086-09-10	1.5	182.9 102.42	0.0 0.0 Class A
WFWA 22108	FORT WAYNE IN LIC	BLET C	19920131KF	39(-)	1380.000	N 223	41-06-13 085-11-28	122.9	102.1 21.57	24.1 80.5 Clear

Call Id	City St	Status	File Num	Channel Zone	ERP HAAT	DA Id	Latitude Longitude	Bear	Dist. (km)	Req. min	max
WLMB 17076	TOLEDO OH	LIC C	BLCT 19981029KE	40(-) I	4170.000 174	D 17511	41-44-41 084-01-06	84.4	183.4 102.89	24.1 Clear	80.5
WHMB-T 37102	INDIANAPOLI IN	LIC C	BLCT 19990922AA	40(Z) I	2090.000 301.8	N 28265	39-53-40 086-12-21	179.8	190.0 109.52	24.1 Clear	80.5
WOCH-L 35101	CHICAGO IL	CP C	BPTTL 20010711AB	41(Z) I	25.000 16875	D	41-53-56 087-37-23	286.0	121.7 15.74	0.0 Class A	0.0
WOTV 10212	BATTLE CREE MI	LIC C	BLCT 19961120KE	41(+) I	5000.000 329	N 28527	42-34-15 085-28-07	29.5	123.6 17.64	12.0 Clear	106.0
WMLW-C 71422	MILWAUKEE WI	LIC C	BLTTA 20021002AA	41(-) I	37.000 32060	D	43-06-42 087-55-50	320.5	219.1 113.13	0.0 Class A	0.0
DWICD	CHAMPAIGN IL	DTV		41() I	50.000 396	D	40-04-11 087-54-45	220.5	222.8 112.80	24.0 Clear	110.0
WICD 25684	CHAMPAIGN IL	CP C	BPCDT 19991029AH	41() I	895.000 396	N 29990	40-04-11 087-54-45	220.5	222.8 112.80	24.0 Clear	110.0
WIFR 4689	FREEPORT IL	CP C	BMPCD 20040310AC	41() I	100.000 176	N 65876	42-17-48 089-10-15	288.4	257.0 147.00	24.0 Clear	110.0
DWIFR	FREEPORT IL	DTV		41() I	50.000 219	D	42-17-48 089-10-15	288.4	257.0 147.00	24.0 Clear	110.0
WXYZ-T 10267	DETROIT MI	LIC C	BLCDT 20030325AB	41() I	770.000 285	N 32903	42-28-14 083-15-01	67.6	263.4 153.45	24.0 Clear	110.0
DWXYZT	DETROIT MI	DTV		41() I	1000.000 305	D	42-28-15 083-15-00	67.5	263.5 153.48	24.0 Clear	110.0
WHIO-T 41458	DAYTON OH	LIC C	BLCDT 20040614AE	41() I	1000.000 290	D 67218	39-44-02 084-14-53	140.8	266.1 156.08	24.0 Clear	110.0
DWHIOT	DAYTON OH	DTV		41() I	493.200 348	D	39-44-02 084-14-52	140.8	266.1 156.09	24.0 Clear	110.0
WNDU-T 41674	SOUTH BEND IN	APP C	BPCDT 20000427AA	42() I	1000.000 299	N 32760	41-36-20 086-12-46	90.0	0.0		
DWNDUT	SOUTH BEND IN	DTV		42() I	390.900 326	D	41-36-20 086-12-45	90.0	0.0		
WNDU-T 41674	SOUTH BEND IN	LIC C	BLCDT 19991230AA	42() I	310.000 178	N 30578	41-36-19 086-12-45	144.0	0.0		
WCLJ-T 68007	BLOOMINGTON IN	LIC C	BLCT 19870904KG	42(+) I	5000.000 317	D 17190	39-24-12 086-08-50	178.7	244.6 27.30	217.3 Clear	217.3
WQRF-T 52408	ROCKFORD IL	APP C	BPCDT 19991029AI	42() I	1000.000 149	D 40572	42-17-26 089-09-51	288.3	256.3 59.98	196.3 Clear	196.3

Call Id	City St	Status	File Num	Channel Zone	ERP HAAT	DA Id	Latitude Longitude	Bear	Dist. (km)	Req. min	max
DWQRFT	ROCKFORD			42()	50.000	D	42-17-26	288.3	256.3	196.3	196.3
	IL DTV			I	176		089-09-51		59.98	Clear	
DWGGNT	SANDUSKY			42()	50.000	D	41-23-48	93.5	286.6	196.3	196.3
	OH DTV			I	236		082-47-31		90.27	Clear	
WGGN-T	SANDUSKY		BMP	42()	1000.000	D	41-23-48	93.5	286.6	196.3	196.3
11027	OH CP	C	20000501AI	I	212.8	41148	082-47-31		90.27	Clear	
Wxcb-C	DELAWARE		BLTTA	42(Z)	35.000	C	40-17-57	117.6	303.6	0.0	0.0
59852	OH LIC	C	20030402AA			46111	083-02-45		86.26	Class A	
DWICS	SPRINGFIELD			42()	75.200	D	39-48-15	234.9	339.7	196.3	196.3
	IL DTV			I	436		089-27-40		143.37	Clear	
WICS	SPRINGFIELD		BPCDT	42()	725.000	N	39-48-15	234.9	339.7	196.3	196.3
25686	IL CP	C	19991029AH	I	436	30076	089-27-40		143.37	Clear	
WPNE	GREEN BAY		BLEDT	42()	200.000	N	44-24-34	335.6	343.9	196.3	196.3
18798	WI LIC	C	20040505AB	II	375	45983	088-00-06		147.65	Clear	
DWPNE	GREEN BAY			42()	50.000	D	44-24-35	335.6	344.0	196.3	196.3
	WI DTV			II	360		088-00-05		147.66	Clear	
CKCO-T	SARNIA			42()	0.000		42-42-53	C 68.5	358.7	259.0	259.0
	ON CAN			I	0		082-08-12		99.69	Clear	
CKCOTV	SARNIA			42(-)	846.000	D	42-42-53	68.5	358.7	259.0	259.0
98679	ON LIC	C		I	303		082-08-12		99.69	Clear	
DWCFCT	CHICAGO			43()	215.300	D	41-53-56	286.0	121.7	24.0	110.0
	IL DTV			I	381		087-37-23		11.74	Close	
WCPX	CHICAGO		BPCDT	43()	200.000	D	41-52-44	284.9	122.2	24.0	110.0
10981	IL CP	C	19990824KE	I	508.7	38347	087-38-08		12.19	Close	
WZPX	BATTLE CREE		BLCT	43(-)	5000.000	N	42-40-45	38.0	152.4	12.0	106.0
71871	MI LIC	C	19961017KE	I	323	44916	085-03-57		46.35	Clear	
DWTVS	DETROIT			43()	50.000	D	42-29-01	66.9	259.2	24.0	110.0
	MI DTV			I	293		083-18-44		149.20	Clear	
WTVS	DETROIT		BLEDT	43()	200.000	N	42-26-52	68.5	268.6	24.0	110.0
16817	MI LIC	C	20001117AB	I	318	37939	083-10-23		158.56	Clear	
WSNS-T	CHICAGO		BLCT	44(Z)	5000.000	D	41-52-44	284.9	122.2	24.1	80.5
70119	IL LIC	C	20000110AA	I	472	17531	087-38-10		41.73	Clear	
WTLW	LIMA		BLCT	44(+)	912.000		40-45-47	118.2	194.3	24.1	80.5
1222	OH LIC	C	19820714KG	I	207		084-10-59		113.81	Clear	
WFWC-C	FORT WAYNE		BLTTL	45(+)	5.800	D	41-05-58	121.9	105.5	0.0	0.0
67485	IN LIC	C	19900727IO			18314	085-08-43		25.05	Class A	
WHME-T	SOUTH BEND		BLCT	46(Z)	1120.000	N	41-35-43	104.7	4.5	24.1	80.5
36117	IN LIC	C	2590	I	305		086-09-38		19.60	Clear	

Call Id	City St	Status	File Num	Channel Zone	ERP HAAT	DA Id	Latitude Longitude	Bear	Dist. (km)	Req. min	max
WBXC-C 70428	CHAMPAIGN, IL	BLTTA LIC C	20040723AB	46(+)	15.000	N 16237	40-06-40 088-14-35	226.4	238.4 157.93	0.0 Class A	0.0
WIPB 3646	MUNCIE IN	BLET LIC C	19810717KI	49(Z) I	676.000 155		40-09-38 085-22-42	156.1	175.2 94.70	24.1 Clear	80.5
WJJA 68545	RACINE WI	BLCT LIC C	19900518KP	49(+) I	2690.000 143	D 24020	42-51-18 087-50-41	316.5	193.4 112.92	24.1 Clear	80.5
WOKZ-C 36841	KALAMAZOO MI	BLTTA LIC C	20021213AB	50(+)	14.300	C 44922	42-17-48 085-38-29	31.4	90.2 9.71	0.0 Class A	0.0
WPWR-T 48772	GARY IN	BLCT LIC C	19870128KL	50(Z) I	5000.000 494	D 16279	41-52-44 087-38-10	284.9	122.2 41.73	24.1 Clear	80.5
WKGK-L 34895	KOKOMO IN	BPTTL CP C	20010409AB	50(-)	8.000	N 39586	40-26-58 086-04-57	175.1	128.9 48.36	0.0 Class A	0.0
WALV-C 70161	INDIANAPOLI IN	BLTTA LIC C	20020621AA	50(Z)	14.900	D 16985	39-55-43 086-10-55	179.2	186.2 105.74	0.0 Class A	0.0

Figure 3



FCC PREDICTED 48 DBU AND 41 DBU DTV CONTOURS

STATION WNDU-DT
SOUTH BEND, INDIANA
CH 42 695 KW 299 M

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

du Treil, Lundin, and Rackley**Proposed WNDU-DT, South Bend, IN****Coordinates: 41-36-20 86-12-46 Frequency Range: 200-300****Range: 16**

Date: 11/1/2004

CDBS FM Inquiry List

Page: 1

Rec Type	Fac Id	Call	Status	Chan	Svc Class	Class	City	St	DA	Latitude	Longitude	ERP (kW)	HAAT (m)	RCAMSL (m)	Bear	Dist. (km)
C	41675	WNDV-F	CP	225	FM	B	SOUTH BEND	IN	N	41-36-20	086-12-46	12.000	268.0	507.0	0.0	0.0
C	41675	WNDV-F	LIC	225	FM	B	SOUTH BEND	IN		41-36-20	086-12-45	12.000	268.0	507.0	90.0	0.0
C	70459	WSND-F	LIC	205	FM	A	NOTRE DAME	IN	N	41-36-19	086-12-45	3.400	110.0	348.0	144.0	0.0
C	37149	WHME	LIC	276	FM	A	SOUTH BEND	IN		41-36-11	086-12-51	3.000	91.0	336.0	202.6	0.3
C	73984	WNSN	LIC	268	FM	B	SOUTH BEND	IN	N	41-37-00	086-13-01	13.000	296.0	536.0	344.3	1.3
C	19365	WVPE	LIC	201	FM	B	ELKHART	IN	N	41-36-59	086-11-43	10.500	169.0	404.0	50.4	1.9
C	51723	WBYT	LIC	264	FM	B	ELKHART	IN	N	41-36-58	086-11-38	15.000	277.0	517.0	53.2	2.0
C	60920	WETL	LIC	219	FM	A	SOUTH BEND	IN		41-37-24	086-14-15	3.000	91.0	331.0	313.9	2.9
C	21927	WUBU	APP	292	FM	A	SOUTH BEND	IN	D	41-40-35	086-15-08	3.000	92.0	323.0	337.4	8.5
C	28881	WUBS	APP	209	FM	A	SOUTH BEND	IN	D	41-40-36	086-15-08	1.300	89.0	318.0	337.5	8.6
C	21927	WUBU	LIC	292	FM	A	SOUTH BEND	IN	D	41-40-36	086-15-08	3.000	89.0	320.0	337.5	8.6
C	28881	WUBS	CP	209	FM	A	SOUTH BEND	IN	D	41-40-51	086-15-34	2.200	68.0	299.0	335.2	9.2
C	28881	WUBS	LIC	209	FM	A	SOUTH BEND	IN	N	41-40-51	086-15-34	1.500	24.0	255.0	335.2	9.2
C	12999	WZOC	LIC	232	FM	B1	PLYMOUTH	IN	N	41-31-41	086-15-53	11.500	150.0	395.0	206.6	9.6
C	27145	WRBR-F	LIC	280	FM	A	SOUTH BEND	IN		41-41-53	086-09-20	3.000	100.0	336.0	24.8	11.3
C	48911	WAOR	LIC	237	FM	A	NILES	MI	N	41-44-16	086-15-10	5.500	84.0	312.1	347.3	15.1

du Treil, Lundin, and Rackley**Proposed WNDU-DT, South Bend, IN****Coordinates: 41-36-20 86-12-46 Channel Range: 2-83****Range: 16**

Date: 11/1/2004

CDBS Tv Inquiry List

Page: 1

Rec Type	Facility Id	Call	Status	Chan	Svc Class	Class	City	St	DA	Latitude	Longitude	ERP (kW)	HAAT (m)	RCAMSL (m)	Bearing	Dist. (km)
C	41674	WNDU-T	APP	42	DT		SOUTH BEND	IN	N	41-36-20	086-12-46	1000.00	299	538	0	0
C	41674	WNDU-T	LIC	16	TV		SOUTH BEND	IN	N	41-36-20	086-12-46	5000.00	326	565	0	0
C	41674	WNDU-T	LIC	42	DT		SOUTH BEND	IN	N	41-36-19	086-12-45	310.000	178	417	144.0	0.04
C	73983	WSBT-T	CP	30	DT		SOUTH BEND	IN	N	41-37-00	086-13-01	400.000	239	481	344.2	1.28
C	73983	WSBT-T	LIC	22	TV		SOUTH BEND	IN	N	41-37-00	086-13-01	4790.00	325	566	344.2	1.28
C	41671	WNIT	LIC	34	TV		SOUTH BEND	IN	N	41-36-59	086-11-43	1380.00	246	485	50.36	1.89
C	74007	WSJV	CP	58	DT		ELKHART	IN	N	41-36-58	086-11-38	671.000	298	538	53.21	1.96
C	74007	WSJV	LIC	28	TV		ELKHART	IN	D	41-36-58	086-11-38	5000.00	335	575	53.21	1.96
C	41671	WNIT	CP	35	DT		SOUTH BEND	IN	N	41-36-49	086-11-20	50.000	332.9	575	65.71	2.18
C	36117	WHME-T	CP	48	DT		SOUTH BEND	IN	D	41-35-43	086-09-38	300.000	295	539	104.7	4.5
C	36117	WHME-T	LIC	46	TV		SOUTH BEND	IN	N	41-35-43	086-09-38	1120.00	305	550	104.7	4.5