

**Minor Change Application
Community Change Request
WKZP(FM) Ch 240B1 95.9 MHz
Facility ID No.: 4674
Bethany Beach, Delaware to West Ocean City, Maryland
May 2016**

Antenna Location Technical Narrative

This technical narrative and accompanying Figures have been prepared in support of an application for the minor modification of WKZP(FM), 240B1 Bethany Beach, Delaware for operation on channel 240B1 at West Ocean City, Maryland.

No change in technical facilities is being requested in this application.

Antenna Location

The WKZP antenna is mounted 145 meters above ground on the tower identified by antenna structure registration number 1032024.

Spacing Compliance

Attached as **Figure 1** is a spacing study from the antenna location indicating compliance with the Commission's Section 73.207 rule with the exception of the facilities of WKDB(FM).

WKZP(FM) and WKDB(FM) are third-adjacent spaced pursuant to Section 73.215; this application makes no change in technical facilities. The existing/proposed protected and interference contour of WKZP(FM) and WKDB(FM) are presented in **Figure 2**.

Signal to the Principal Community.

A signal of 70 dBu will be provided over the entire community of license as shown in **Figure 3**.

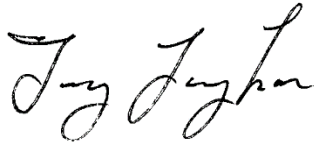
Radio Frequency Radiation Study and Statement

The proposed facilities were evaluated in terms of potential radio frequency radiation exposure at ground level in accordance with OET Bulletin No. 65, "Evaluating

Compliance With FCC-Specified Guidelines for Human Exposure to Radio frequency Radiation."

The antenna system is a Dielectric DCRM6B75H 6-bay, 0.75 wave spaced antenna which has been evaluated using the program "FM Model" set for this type of radiating element; an EPA type 5, mounted with its center of radiation 145 meters above ground level, and operated with an effective radiated power of 2.1 kilowatts in both the horizontal and vertical. At 2 meters above ground, at 115 meters from the base of the tower, this antenna will contribute, worst case, 0.21 microwatts per square centimeter, or 0.02 percent of the allowable ANSI limit for controlled exposure, and 0.1 percent of the allowable limit for uncontrolled exposure. This figure is less than 5% of the applicable FCC exposure limit at all locations extending out from the base of the tower. Section 1.1307(b)(3) excludes applications when the calculated level is predicted to be less than 5% of the applicable exposure limit. It is therefore believed that this antenna is in compliance with OET Bulletin Number 65 as required by the Federal Communications Commission.

Further, the applicant will ensure that signs are posted in the vicinity of the tower, warning of potential radio frequency hazards at the site. The site itself is restricted from public access. The applicant will cooperate with other users of the tower to reduce power of the facility, or discontinue operation, as necessary to limit human exposure to levels less than specified by the Federal Communications Commission should anyone be required to climb the tower.

A handwritten signature in black ink, appearing to read "Troy Langham". The script is cursive and fluid, with the first name "Troy" and last name "Langham" clearly distinguishable.

Troy Langham
FCC Engineering Supervisor
iHeartMedia

June 2, 2016

WKZP Spacing and Overlap											
Capstar Tx, LLC											
CH# 240B1 - 95.9 MHz, Pwr= 10.5 kW, HAAT= 143.0 M, COR= 147 M											
Average Protected F(50-50)= 43.55 km											
73.215 Omni-directional											
DISPLAY DATES											
DATA 05-25-16											
SEARCH 05-26-16											
CH	CALL	TYPE	ANT	AZI	DIST	LAT	PWR(kW)	INT(km)	PRO(km)	*IN*	*OUT*
CITY		STATE		<--	FILE #	LNG	HAAT(M)	COR(M)	LICENSEE	(Overlap in km)	(km)
240B1 WKZP		LIC	NCX	0.0	0.00	38 25 20.0	10.500	117.0	43.7	-160.7*	-160.7*
Bethany Beach		DE		0.0	BLH20041018ACC	75 08 23.0	143	147	Capstar Tx, LLC		
237A WKDB		LIC	CN	281.4	46.36	38 30 12.0	6.000	3.2	27.7	-0.2<	15.0
Laurel		DE		101.1	BLH19910930KF	75 39 39.0	100	106	The Voice Radio, LLC		
241B WROX-FM		LIC	CX	211.0	149.90	37 15 45.0	23.000	85.8	64.6	144.5R	5.4M
Exmore		VA		30.5	BLH20040317ABS	76 00 45.0	220	221	Sinclair Telecable, Inc.		
240A WWIN-FM		LIC	CN	305.5	151.46	39 12 16.0	3.000	88.6	25.5	142.5R	9.0M
Glen Burnie		MD		124.6	BMLH19920325KC	76 34 07.0	91	113	Radio One Licenses, LLC		
243A WCTG		LIC	CX	201.1	59.69	37 55 14.0	5.300	3.3	28.4	47.5R	12.2M
Chincoteague		VA		21.0	BLH20021206AAQ	75 23 07.0	105	107	Sebago Broadcasting Compan		
241A WTTN		LIC	NCX	29.1	121.56	39 22 35.0	3.300	42.3	23.4	95.5R	26.1M
Margate City		NJ		209.5	BLH20140627ABM	74 27 08.0	87	89	Equity Communications, L.p		
239B WBEN-FM		LIC	CN	357.4	179.70	40 02 21.0	8.900	89.0	67.6	144.5R	35.2M
Philadelphia		PA		177.3	BLH19991122ABE	75 14 13.0	350	416	Greater Philadelphia Radio		

Terrain database is NADC 30 SEC, R= 73.215 qualifying spacings on FCC minimum spacings in KM, M= Margin in KM
Contour distances are on direct line to and from reference station. Reference zone= , Co to 3rd adjacent.
All separation margins (if shown) include rounding. Call signs with strikeout need not be protected.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
"@"affixed to 'IN' or 'OUT' values = site inside restricted contour.
< = Station meets FCC minimum distance spacing for its class.
< = Contour overlap

Figure 2 - Station Contour Map

WKZP Spacing and Overlap
Capstar Tx, LLC

FMCommander Single Allocation Study - 05-26-2016 - NGDC 30 SEC
WKZP's Overlaps (In= -0.25 km, Out= 14.97 km)

WKZP CH 240 B1 73.215 N
Lat= 38 25 20.0, Lng= 75 08 23.0
10.5 kW 143 m HAAT, 147 m COR
Prot.= 57 dBu, Intef.= 100 dBu

WKDB CH 237 A BLH19910930KF
Lat= 38 30 12.0, Lng= 75 39 39.0
6.0 kW 100 m HAAT, 106 m COR
Prot.= 60 dBu, Intef.= 97 dBu

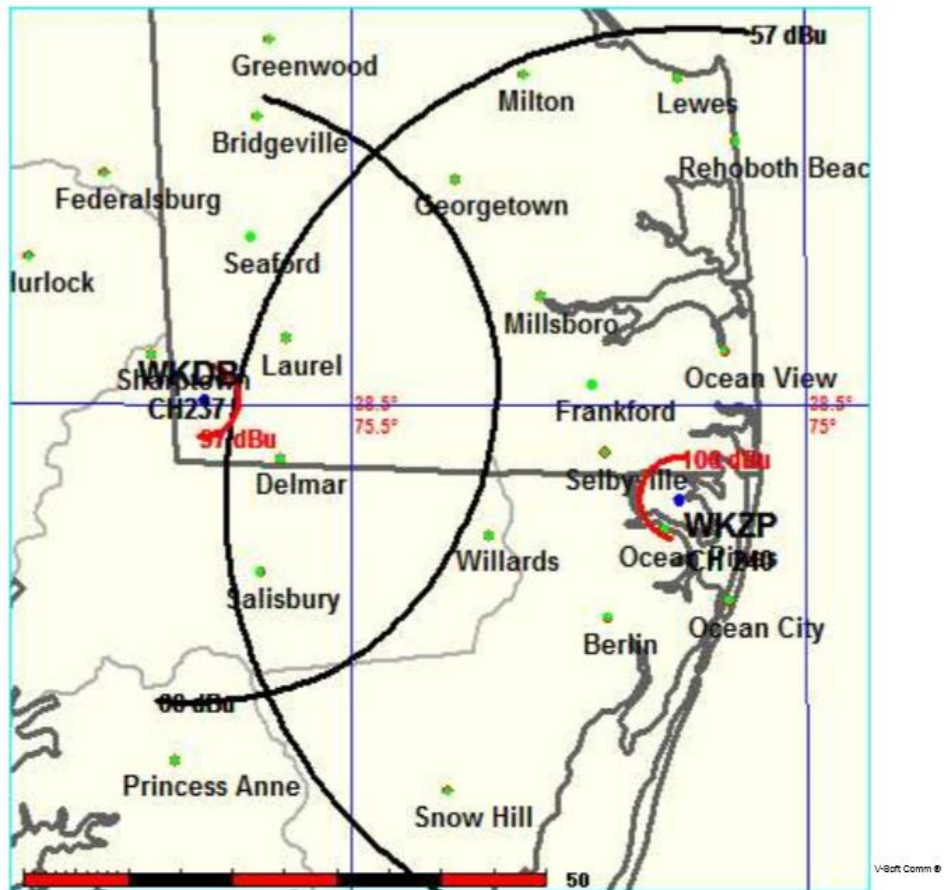


Figure 3 - WKZP 70 dBu Contour Map

