

Exhibit 12.1 - Copy of Existing Antenna Structure Registration

Registration Detail

Reg Number	1055490	Status	Constructed
File Number	A0538802	Constructed	04/14/2004
FAA Study	2004-AEA-915-OE	EMI	No
FAA Issue Date	04/12/2004	NEPA	No

Antenna Structure

Structure Type TOWER - Free standing or Guyed Structure used for Communications Purposes

Location (in NAD83 Coordinates)

Lat/Long 38-21-16.4 N 077-30-46.1 W 56 MCWHIRT LOOP

City, State FALMOUTH , VA

Center of
AM Array

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
94.2	61.0
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
155.2	59.4

Painting and Lighting Specifications

None

Owner & Contact Information

FRN	0006156111	Licensee ID	L00132131
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Owner

Pinnacle Towers LLC
Attention To: Regulatory Department
2000 Corporate Drive
Canonsburg , PA 15317

P: (724)416-2000
E: Regulatory.Department@Crowncastle.com

Contact

Verre , Christine A
2000 Corporate Drive
Canonsburg , PA 15317

P: (336)643-2524
E: Christine.Verre@Crowncastle.com

Last Action Status

Status	Constructed	Received	01/30/2007
Purpose	Admin Update	Entered	01/30/2007
Mode	Interactive		

Related Applications

01/30/2007	A0538802 - Admin Update (AU)
04/16/2004	A0372615 - Admin Update (AU)
04/15/2004	A0371071 - Modification (MD)
	Related applications (11)

Comments

Comments



Exhibit 12.2

Vertical Plan of Antenna System

The site is located at 56 McWhirt Loop,
the city of Falmouth, Stafford County, Virginia.

Site Location (NAD 27)

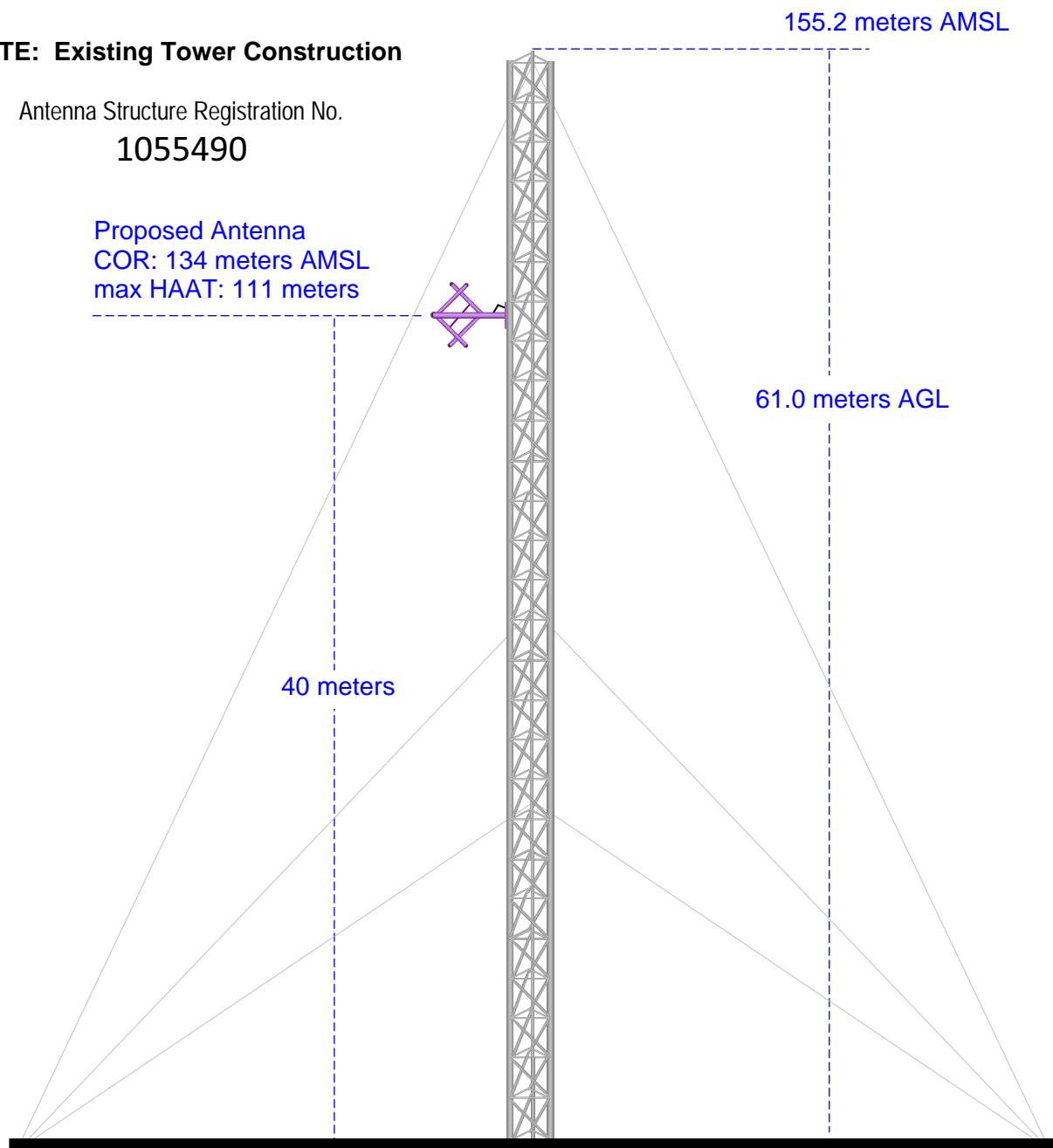
NL: 38° 21' 16"

WL: 77° 30' 47"

NOTE: Existing Tower Construction

Antenna Structure Registration No.
1055490

Proposed Antenna
COR: 134 meters AMSL
max HAAT: 111 meters



Ground Elevation = 94.2 m AMSL
Drawing is not to Scale

MUNN-REESE, INC.
Broadcast Engineering Consultants
Coldwater, MI 49036

Exhibit 12.3 Present vs. Proposed Service Contour Study

CH252D

Proposed Operation

Latitude: 38-21-16 N

Longitude: 077-30-47 W

ERP: 0.019 kW

Channel: 252

Frequency: 98.3 MHz

AMSL Height: 134.0 m

Horiz. Pattern: Omni

Vert. Pattern: No

Prop Model:

60 dBu Contour

Total Population: 23,712

Total Area: 102.02 sq. km

W249BF

BLFT19990608UA

Latitude: 38-21-16 N

Longitude: 077-30-47 W

ERP: 0.019 kW

Channel: 249

Frequency: 97.7 MHz

AMSL Height: 134.0 m

Horiz. Pattern: Omni

Vert. Pattern: No

Prop Model:

60 dBu Contour

Total Population: 23,712

Total Area: 102.02 sq. km

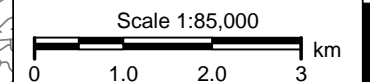
Proposed 60 dBu f(50:50)

Present 60 dBu f(50:50)

W249BF
CH252D

Falmouth

Fredricksburg



V-Soft Communications LLC ©



MUNN-REESE, INC.

Broadcast Engineering Consultants
Coldwater, MI 49036
1(517)278-7339

Exhibit 12.4 Proposed vs. Primary Service Contour Study

Primary 38 dBu f(50:50)

CH252D

Proposed 60 dBu f(50:50)

CH252D
Proposed Operation
Latitude: 38-21-16 N
Longitude: 077-30-47 W
ERP: 0.019 kW
Channel: 252
Frequency: 98.3 MHz
AMSL Height: 134.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model:

Primary 60 dBu f(50:50)

WYFJ.L
BLED19940404KB
Facility ID No. 5096
Latitude: 37-44-46 N
Longitude: 077-29-44 W
ERP: 6.00 kW
Channel: 261
Frequency: 100.1 MHz
AMSL Height: 154.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model:

WYFJ.L

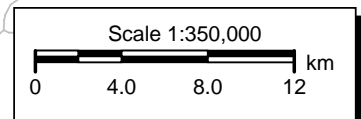


Exhibit 12.5

Tabulation of Proposed Allocation

Bible Broadcasting Network, Inc.

REFERENCE		CH# 252D - 98.3 MHz, Pwr= 0.019 kW, HAAT= 76.0 M, COR= 134 M								DISPLAY DATES	
38 21 16.0 N.		Average Protected F(50-50)= 5.93 km								DATA 03-28-09	
77 30 47.0 W.		Omni-directional								SEARCH 03-30-09	
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)	
249D	W249BF	LIC	_C_	0.0	0.0	38 21 16.0	0.019	0.3	4.9	-5.2*	-5.2*
Fredericksburg	VA			0.0	BLFT19990608UA	77 30 47.0	76	134	Bible Broadcasting Network		
252A	WSMD-FM	LIC	_CN	83.9	64.8	38 24 49.0	3.000	76.4	24.6	-18.6*<	17.2
Mechanicsville	MD			264.4	BLH19880913KA	76 46 31.0	100	125	Somar Communications, Inc.		
251B	WTVR-FM	LIC	_HN	177.9	87.5	37 34 00.0	50.000	90.0	74.7	-8.2*<	1.5
Richmond	VA			357.9	BLH1944	77 28 36.0	256	307	Cc Licenses, Llc		
Grandfathered at 50 kW ERP at 256 meters HAAT											
254B	WMZQ-FM	LIC	_CX	24.5	65.1	38 53 13.0	50.000	5.8	64.1	53.9	0.4
Washington	DC			204.7	BMLH20060228AMC	77 12 03.0	149	232	Amfm Radio Licenses, L.l.c		
252A	AL2329	RSV	___	330.6	98.5	39 07 30.0	6.000	83.3	25.6	11.1	59.9
Stephens City	VA			150.2	RM10627	78 04 26.0	100	295			
pet. for recon. filed 12/05/03.											
252A	WKSI-FM	LIC	_CX	324.8	112.3	39 10 38.0	1.750	87.5	31.9	20.8	67.7
Stephens City	VA			144.3	BLH20040920ADJ	78 15 53.0	188	468	Amfm Radio Licenses, L.l.c		
255B1	WWLB	LIC	ZCX	180.2	82.1	37 36 52.0	4.800	3.3	42.6	73.2	39.1
Midlothian	VA			0.2	BLH20050308ABO	77 30 56.0	227	285	Mlb-richmond Iv, Llc		
253B1	WACL	LIC	_CN	272.6	110.0	38 23 36.0	0.900	63.8	47.8	40.7	52.9
Elkton	VA			91.9	BLH19890315KB	78 46 14.0	490	902	Capstar Tx Limited Partner		
255B1	AL3579	RSV	___	193.6	87.3	37 35 23.0	25.000	4.0	43.9	78.0	43.0
Midlothian	VA			13.5	RM10592	77 44 49.0	100	175			
249D	W249BE	LIC	_VN	33.5	59.7	38 48 05.0	0.010	0.2	3.2	53.6	56.2
Alexandria	VA			213.8	BLFT19950906TD	77 07 57.0	-2	50	Positive Alternative Radio		
Translator For WJYJ, Fredericksburg, VA- Vertical Polarization Only											
250D	649687	APP	DC_	27.3	59.6	38 49 51.0	0.019	0.0	1.4	54.1	57.9
Washington	DC			207.5	BNPFT20030317HHS	77 11 50.0		137	R & L Non-comm		
249A	WMDM	LIC	_CX	95.2	83.7	38 16 58.0	6.000	2.8	28.5	73.8	54.8
Lexington Park	MD			275.8	BLH20051221ALT	76 33 39.0	100	114	Somar Communications, Inc.		
250D	629392	APP	DV_	11.7	67.4	38 56 57.0	0.010	0.2	5.2	62.2	61.9
Reston	VA			191.8	BNPFT20030311ARA	77 21 18.0		211	John Garziglia		
250B	WIYY	LIC	_CN	34.1	132.1	39 20 05.0	13.500	5.5	65.6	120.7	65.9
Baltimore	MD			214.7	BLH19880914KA	76 39 03.0	288	373	Hearst Radio, Inc.		

Terrain database is NGDC 30 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
 Contour distances are on direct line to and from reference station. Reference zone = 1, Co to 3rd adjacent.
 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 protected contour.