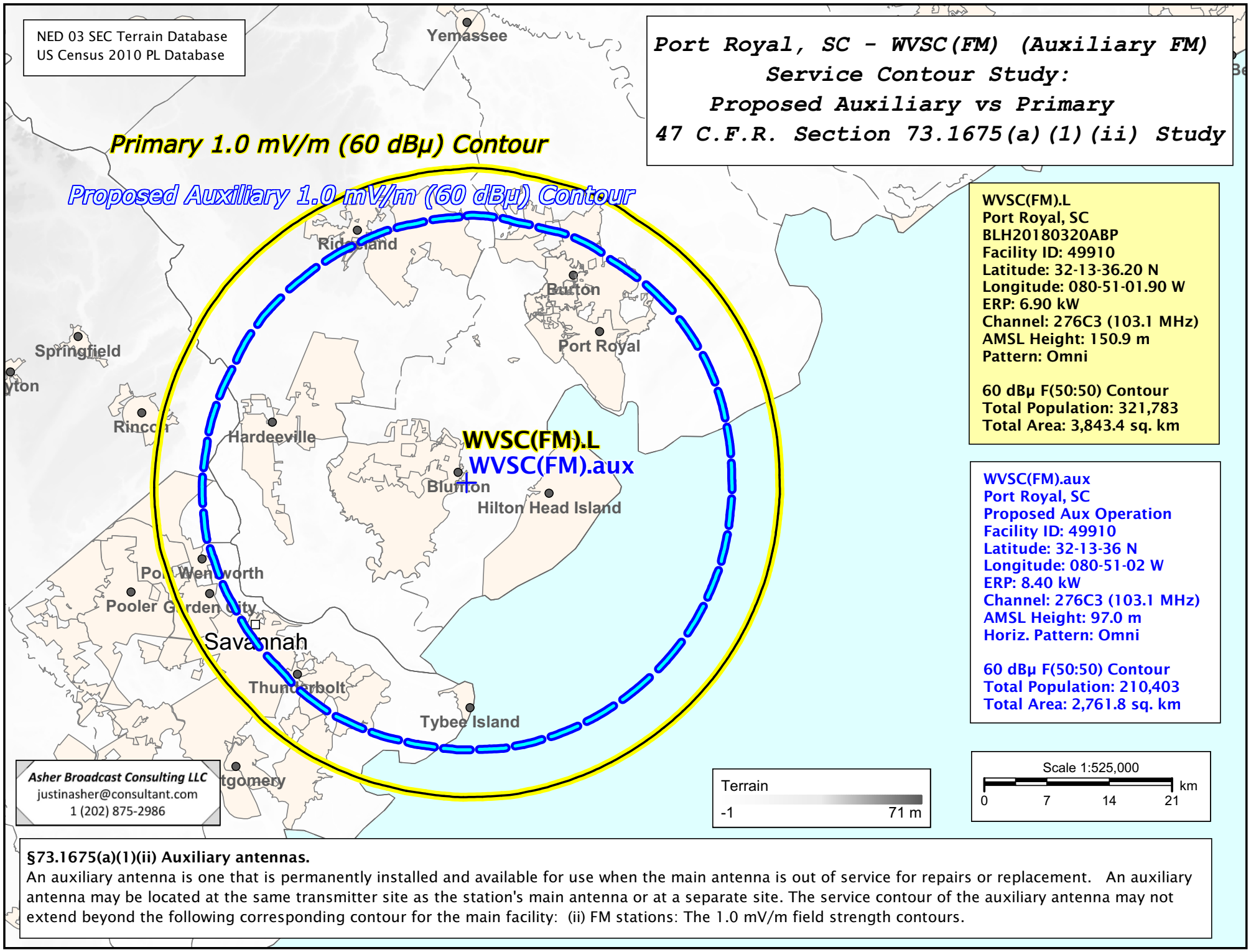
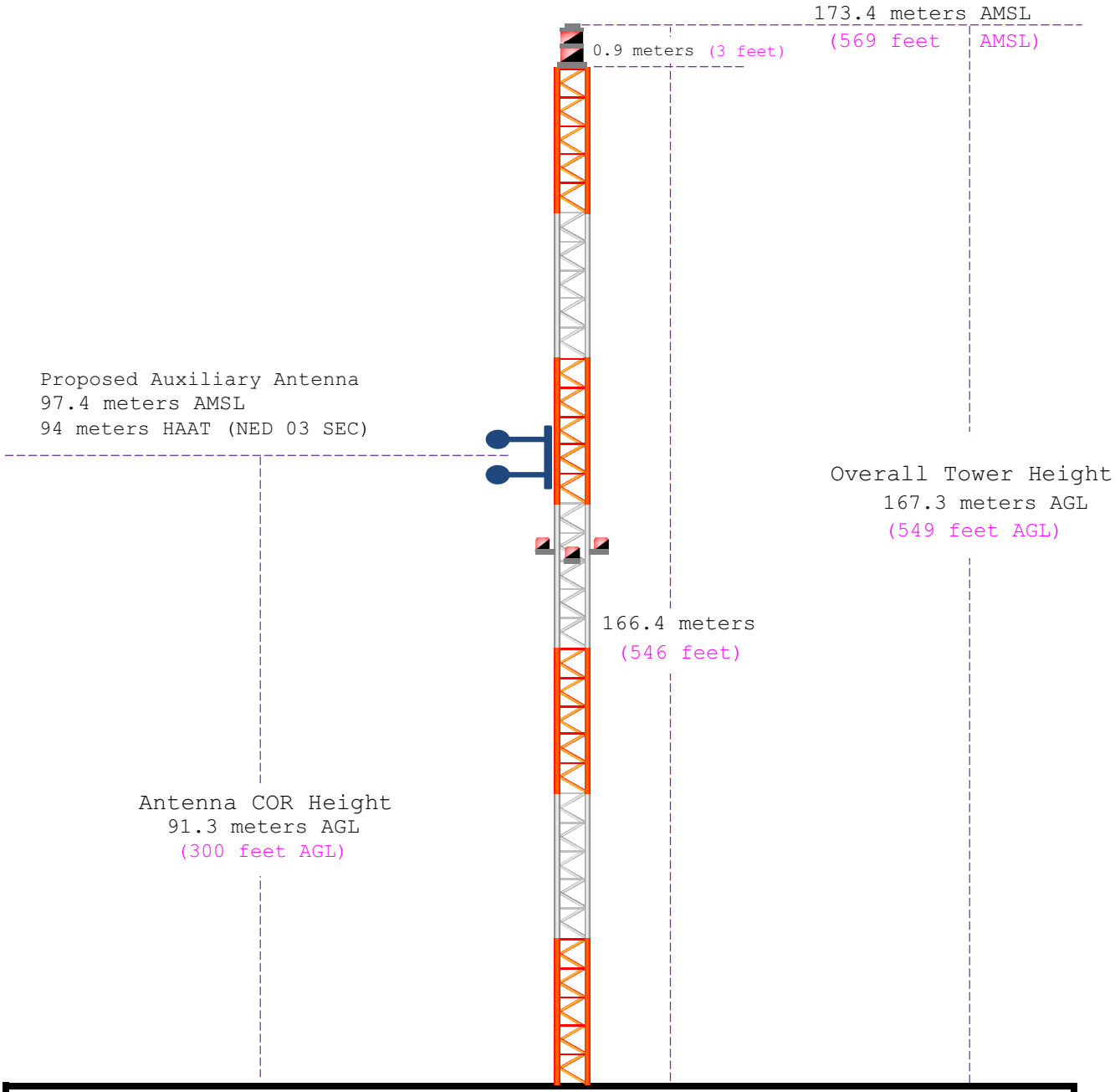


§73.1675(a)(1)(ii) Auxiliary antennas.
An auxiliary antenna is one that is permanently installed and available for use when the main antenna is out of service for repairs or replacement. An auxiliary antenna may be located at the same transmitter site as the station's main antenna or at a separate site. The service contour of the auxiliary antenna may not extend beyond the following corresponding contour for the main facility: (ii) FM stations: The 1.0 mV/m field strength contours.

Port Royal, SC - WVSC(FM) (Auxiliary FM)
Vertical Plan of Antenna System



Ground Elevation: 6.1 meters AMSL (20 feet AMSL)

Address: 71 Ulmer Road
City: Bluffton
County: Beaufort
State: South Carolina

Latitude (D M S)	Longitude (D M S)
NAD 27 datum values: 32 13 36.16974	80 51 1.90780
NAD 83 datum values: 32 13 36.90000	80 51 1.30000

Antenna Structure Registration
1043967

Drawing Is Not To Scale

Asher Broadcast Consulting, LLC
justinasher@consultant.com
1(202)875-2986

ASR Registration Search

Registration 1043967

Map Registration

Port Royal, SC - WVSC(FM) (Auxiliary FM) Antenna Structure Registration (public record copy)

Registration Detail

Reg Number	1043967	Status	Constructed
File Number	A1118116	Constructed	02/02/1988
EMI	No	Dismantled	
NEPA	No		

Antenna Structure

Structure Type: GTOWER - Guyed Structure Used for Communication Purposes

Location (in NAD83 Coordinates)

Lat/Long	32-13-36.9 N 080-51-01.3 W	Address	71 ULMER RD
City, State	BLUFFTON , SC		
Zip	29910	County	BEAUFORT
Center of AM Array		Position of Tower in Array	

Heights (meters)

Elevation of Site Above Mean Sea Level	Overall Height Above Ground (AGL)
6.1	167.3
Overall Height Above Mean Sea Level	Overall Height Above Ground w/o Appurtenances
173.4	166.4

Painting and Lighting Specifications

FAA Chapters 3, 4, 5, 9
Paint and Light in Accordance with FAA Circular Number 70/7460-1G

FAA Notification

FAA Study	2017-ASO-17445-OE	FAA Issue Date	11/01/2017

Owner & Contact Information

FRN	0009108051	Owner Entity Type	Limited Liability Company

Owner

Saga South Communications, LLC
73 Kercheval Avenue
Grosse Pointe Farms , MI 48236

P: (313)886-7070
F:
E: fcclicenses@sagacom.com

Contact

Atkins , Tom
73 Kercheval Avenue
Grosse Pointe Farms , MI 48236

P: (313)886-7070
F:
E: fcclicenses@sagacom.com

Last Action Status

Status	Constructed	Received	10/26/2018
Purpose	Admin Update	Entered	10/26/2018
Mode	Interactive		

Related Applications

10/26/2018	A1118116 - Admin Update (AU)
11/03/2017	A1092191 - Notification (NT)
11/03/2017	A1092190 - Modification (MD)

Related applications (13)

Comments

Comments

None

History

Date	Event
10/27/2018	Registration Printed
10/26/2018	Administrative Update Received
11/06/2017	Supercede - Internal Correction Applied

All History (29)

Automated Letters

10/27/2018	Authorization, Reference
11/04/2017	Authorization, Reference
10/31/2017	Authorization, Reference

All letters (16)

Port Royal, SC - WVSC(FM) (Auxiliary FM)
HAAT and Miscellaneous Coordinate Information

HAAT Calculation (1927):

N. Lat. = 321336 W. Lng. = 805102
HAAT and Distance to Contour,
FCC, FM 2-10 Mi, 51 pts Method - NED 03 SEC

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	2.1	94.9	8.4000	9.24	1.000	29.80
045	1.6	95.4	8.4000	9.24	1.000	29.86
090	3.2	93.8	8.4000	9.24	1.000	29.62
135	1.7	95.3	8.4000	9.24	1.000	29.85
180	2.0	95.0	8.4000	9.24	1.000	29.81
225	4.2	92.8	8.4000	9.24	1.000	29.46
270	3.9	93.1	8.4000	9.24	1.000	29.51
315	5.6	91.4	8.4000	9.24	1.000	29.25

Ave El= 3.04 M HAAT= 93.96 M AMSL= 97 M

NAD 1983 to NAD 1927 Conversion:

	Latitude	Longitude
NAD 27 datum values:	32 13 36.16974	80 51 1.90780
NAD 83 datum values:	32 13 36.90000	80 51 1.30000

Various Coordinate Conversion Calculations (NAD 1983):

Position Type	Lat Lon
Degrees Lat Long	32.2269167°, -080.8503611°
Degrees Minutes	32°13.61500', -080°51.02167'
Degrees Minutes Seconds	32°13'36.9000", -080°51'01.3000"
UTM	17S 514099mE 3565597mN
UTM centimeter	17S 514099.27mE 3565597.96mN
MGRS	17SNR1409965597
Grid North	0.1°
GARS	199LE32
Maidenhead	EM92NF74WL90
GEOREF	GJKC08971361