

STA Request - Copy of Existing Antenna Structure Registration



Registration Detail

Reg Number	1002313	Status	Constructed
File Number	A0903359	Constructed	01/01/1984
EMI	No	Dismantled	
NEPA	No		

Antenna Structure

Structure Type GTOWER - Guyed Structure Used for Communication Purposes

Location (in NAD83 Coordinates)

Lat/Long	32-03-55.1 N 081-21-05.1 W	Address	FORT ARGYLE RD 6.4 KM S
City, State	BLOOMINGDALE , GA		
Zip	31419	County	CHATHAM
Center of AM Array		Position of Tower in Array	

Heights (meters)

Elevation of Site Above Mean Sea Level	6.1	Overall Height Above Ground (AGL)	193.2
Overall Height Above Mean Sea Level	199.3	Overall Height Above Ground w/o Appurtenances	192.3

Painting and Lighting Specifications

FAA Chapters 3, 4, 5, 12
 Paint and Light in Accordance with FAA Circular Number 70/7460-1K

FAA Notification

FAA Study	2014-ASO-2467-OE	FAA Issue Date	04/18/2014
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Owner & Contact Information

FRN	0002060788	Owner Entity Type	Corporation
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Owner

BIBLE BROADCASTING NETWORK
 Attention To: MICHAEL RALEY
 11530 CARMEL COMMONS BLVD
 CHARLOTTE , NC 28226
 P: (704)523-5555
 F:
 E: MRALEY@BBNMEDIA.ORG

Contact

RALEY , MICHAEL G
 11530 CARMEL COMMONS BLVD
 CHARLOTTE , NC 28226
 P: (704)523-5555
 F:
 E: MRALEY@BBNMEDIA.ORG

Last Action Status

Status	Constructed	Received	04/21/2014
Purpose	Notification	Entered	04/21/2014
Mode	Interactive		

Related Applications

- 04/21/2014 A0903359 - Notification (NT)
- 04/21/2014 A0903357 - Modification (MD)
- 08/27/2008 A0607711 - Admin Update (AU)

Related applications (4)

Comments

Comments

None

History

Date	Event
04/22/2014	Registration Printed
04/21/2014	ASR Application receipt email sent: Tower email
04/21/2014	Construction Notification Received

All History (7)

Automated Letters

04/22/2014	Authorization, Reference
08/28/2008	Authorization, Reference

**STA Request
USGS Topographic Image
(Photo) of Proposed Site**

Site Location (NAD 27)

NL: 32° 03' 54"

WL: 81° 21' 06"

(32-03-55.1NL; 81-21-05.1WL NAD1983)

SAVANNAH

FALCON LN

FALCON LN



MUNN-REESE, INC.
Broadcast Engineering Consultants
Coldwater, MI 49036
1(517)278-7339



0 100 200ft



STA Request

Vertical Plan of Antenna System

The site is located on Fort Argyle Rd, 6.4 km S of the city of Bloomingdale; Chatham County, Georgia.

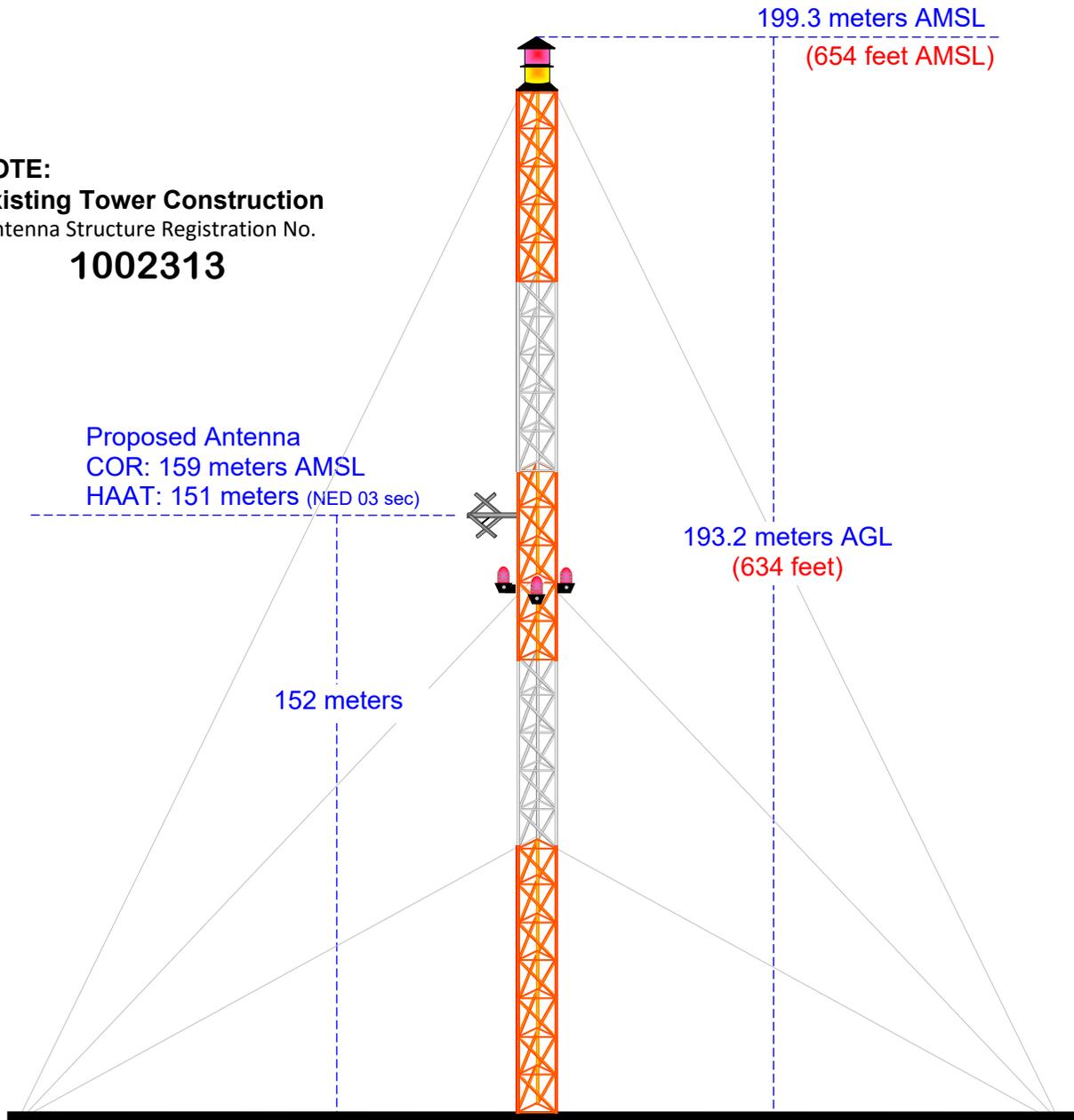
Site Location (NAD 27)

NL: 32° 03' 54"

WL: 81° 21' 06"

(32-03-55.1NL; 81-21-05.1WL NAD1983)

NOTE:
Existing Tower Construction
Antenna Structure Registration No.
1002313



Ground Elevation = 6.1 m AMSL
(20 feet)

Drawing is not to Scale

STA Request

Proposed FM Operating Specifications

Applicant: Bible Broadcasting Network, Inc.

Call: WYFS(FM)

City of License: Savannah, GA

Frequency: 89.5 MHz **Channel:** 208C1 **ERP:** 1.0 kW **HAAT:** 151 m

Transmitter Location: The site is located on Fort Argyle Road, 6.4 km South of the city of Bloomington.

City: Bloomington

County: Chatham

State: Georgia

Site Coordinates: NL: 32° 03' 54" / WL: 81° 21' 06"

Tower Registration Number: 1002313

Proposed Operation: Class C1 (STA)

Effective Radiated Power: 1.0 kW (H) 1.0 kW (V)

Height of Antenna Radiation Center Above:

	<u>Average Terrain</u>	<u>Mean Sea Level</u>	<u>Ground</u>
Horizontal	151 meters	159 meters	152 meters
Vertical	151 meters	159 meters	152 meters

Elevation of Tower Site : 6.1 meters AMSL

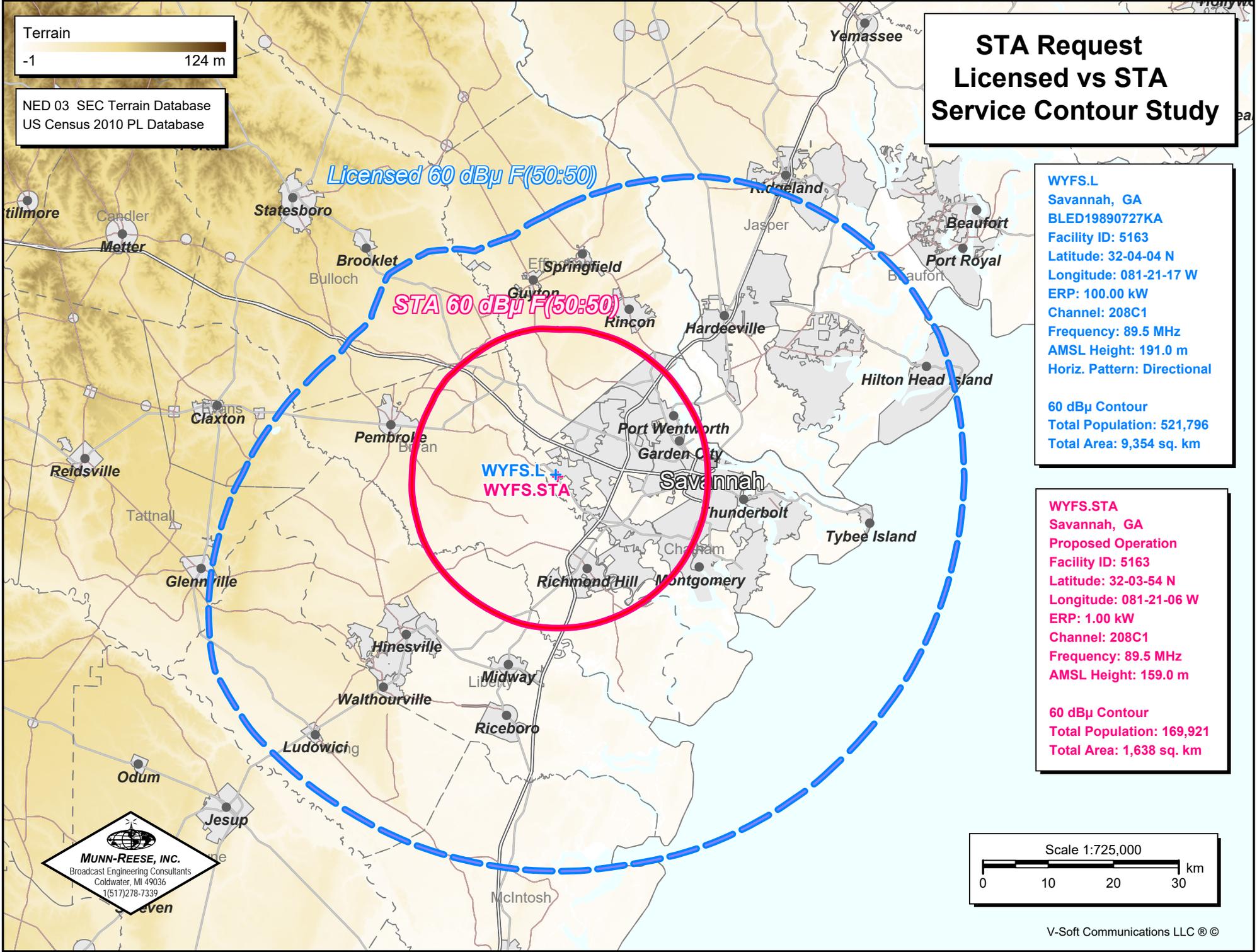
Overall Height of Structure Above Ground : 193.2 meters AGL

Overall Height of Structure Above Mean Sea Level: 199.3 meters AMSL



NED 03 SEC Terrain Database
US Census 2010 PL Database

STA Request Licensed vs STA Service Contour Study



WYFS.L
Savannah, GA
BLED19890727KA
Facility ID: 5163
Latitude: 32-04-04 N
Longitude: 081-21-17 W
ERP: 100.00 kW
Channel: 208C1
Frequency: 89.5 MHz
AMSL Height: 191.0 m
Horiz. Pattern: Directional

60 dBµ Contour
Total Population: 521,796
Total Area: 9,354 sq. km

WYFS.STA
Savannah, GA
Proposed Operation
Facility ID: 5163
Latitude: 32-03-54 N
Longitude: 081-21-06 W
ERP: 1.00 kW
Channel: 208C1
Frequency: 89.5 MHz
AMSL Height: 159.0 m

60 dBµ Contour
Total Population: 169,921
Total Area: 1,638 sq. km

