



(REFERENCE COPY - Not for submission)

Digital Class A Engineering STA Application

File Number: **0000081174** | Submit Date: **09/10/2019** | Call Sign: **WHFL-CD** | Facility ID: **22485** | FRN: **0005100284**
State: **North Carolina** | City: **GOLDSBORO**
Service: **DCA** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **09/11/2019** | Expiration Date:
Filing Status: **InActive**

General Information

Section	Question	Response
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Fees, Waivers, and Exemptions

Section	Question	Response
Fees	Is the applicant exempt from FCC application Fees?	Yes
	Indicate reason for fee exemption:	Applicant is a tax-exempt organization not required to submit a filing fee.
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	

**Applicant
Information**

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
FREE LIFE MINISTRIES, INC. Applicant Doing Business As: FREE LIFE MINISTRIES, INC.	Terry Johnson PO Box 282 GOLDSBORO, NC 27530 United States	+1 (919) 736- 7729	tjohnson@whfl. org	Other

Authorization Holder Name

Check box if the Authorization Holder name is being updated because of the sale (or transfer of control) of the Authorization(s) to another party and for which proper Commission approval has not been received or proper notification provided.

**Contact
Representatives
(4)**

Contact Name	Address	Phone	Email	Contact Type
Timothy Z Sawyer E Garfield T Z Sawyer Technical Consultants, LLC	PO Box 97483 Suite 100 Falls Church, VA 22043 United States	+1 (703) 848- 2130	tzsawyer@tzsawyer. com	Technical Representative
Terry L Johnson <i>Chairman</i> Free Life Ministries, Inc	Terry L Johnson 109 Industry Court Goldsboro, NC 27533 United States	+1 (919) 736- 7729	tjohnson@whfl.org	Chairman
David G O'Neil G O'Neil Rini O'Neil, PC	1200 New Hampshire Ave., NW Suite 600 Washington, DC 20036 United States	+1 (202) 955- 3931	doneil@rinioneil. com	Legal Representative
Timothy Z Sawyer <i>Technical Consultant</i> T Z Sawyer Technical Consultants, LLC	2130 Hutchison Grove Court Suite 100 Falls Church, VA 22043 United States	+1 (703) 848- 2130	tzsawyer@tzsawyer. com	Technical Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	22485
	State	North Carolina
	City	GOLDSBORO
	DCA Channel	7
	Designated Market Area	Raleigh-Durham (Fayetteville)

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1019370
Coordinates (NAD83)	Latitude	35° 21' 54.1" N+
	Longitude	078° 01' 58.4" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	143.3 meters
	Support Structure Height	142.4 meters
	Ground Elevation (AMSL)	21.3 meters
Antenna Data	Height of Radiation Center Above Ground Level	96.0 meters
	Height of Radiation Center Above Mean Sea Level	117.3 meters
	Effective Radiated Power	3.0 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1005532
Antenna Manufacturer and Model	Manufacturer:	JAM
	Model	JHD HV2-1/1
	Rotation	40 degrees
	Electrical Beam Tilt	Not Applicable
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
Elevation Radiation Pattern	Does the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?	No
	Uploaded file for elevation antenna (or radiation) pattern data	
	Out-of-Channel Emission Mask:	Stringent

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1.0	90	.08	180	.10	270	.08
10	.97	100	.07	190	.10	280	.12
20	.90	110	.06	200	.10	290	.24
30	.79	120	.05	210	.10	300	.36
40	.65	130	.08	220	.09	310	.51
50	.51	140	.09	230	.08	320	.65
60	.36	150	.10	240	.05	330	.79
70	.24	160	.10	250	.06	340	.90
80	.12	170	.10	260	.07	350	.97

Additional Azimuths

Degree	V _A
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Certification

Section	Question	Response
<p>General Certification Statements</p>	<p>The Applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by authorization or otherwise, and requests an Authorization in accordance with this application (See Section 304 of the Communications Act of 1934, as amended.).</p>	
	<p>The Applicant certifies that neither the Applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to §5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. §862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under §1.2002(c) of the rules, 47 CFR . See §1.2002(b) of the rules, 47 CFR §1.2002(b), for the definition of "party to the application" as used in this certification §1.2002 (c). The Applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.</p>	
<p>Authorized Party to Sign</p>	<p>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</p> <p>Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application.</p> <p>WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. Code, Title 18, §1001) AND/OR REVOCATION OF ANY STATION AUTHORIZATION (U.S. Code, Title 47, §312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, §503).</p>	
	<p>I certify that this application includes all required and relevant attachments.</p>	<p>Yes</p>
	<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Terry L Johnson L Johnson <i>Chairman</i></p> <p>09/10/2019</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
WHFL STA ENGINEERING STATEMENT.pdf	Applicant	General Information	Engineering Statement Regarding STA Facility.
WHFL STA Request.pdf	Applicant	General Information	WHFL STA Request