



(REFERENCE COPY - Not for submission)

## License To Cover for DTS Application

File Number: **0000071597** | Submit Date: **04/12/2019** | Call Sign: **WLFG** | Facility ID: **37808** | FRN: **0002058089** | State: **Virginia** | City: **GRUNDY**  
 Service: **DTS** | Purpose: **License To Cover 0000067639** | Status: **Granted** | Status Date: **04/17/2019** | Expiration Date: **10/01/2020** | Filing Status: **Active**

### General Information

Section	Question	Response
<b>Attachments</b>	Are attachments (other than associated schedules) being filed with this application?	Yes

### Fees, Waivers, and Exemptions

Section	Question	Response
<b>Fees</b>	Is the applicant exempt from FCC application Fees?	Yes
	Indicate reason for fee exemption:	Fee-Exempt
	Is the applicant exempt from FCC regulatory Fees?	Yes
<b>Waivers</b>	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	
	Are the frequencies or parameters requested in this filing covered by grandfathered privileges, previously approved by waiver, or functionally integrated with an existing station?	No

**Applicant  
Information**

**Applicant Name, Type, and Contact Information**

<b>Applicant</b>	<b>Address</b>	<b>Phone</b>	<b>Email</b>	<b>Applicant Type</b>
<b>Living Faith Ministries, Inc.</b> Doing Business As: Living Faith Ministries, Inc.	P.O. Box 1867 Abingdon, VA 24210 United States	+1 (276) 676-3806	lisa@livingfaithtv.com	Corporation

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**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  
(3)**

Contact Name	Address	Phone	Email	Contact Type
<b>Stephen Hartzell</b> Brooks, Pierce et al.	150 Fayetteville Street Suite 1700 Raleigh, NC 27601 United States	+1 (919) 839- 0300	shartzell@brookspierce. com	Legal Representative
<b>Timothy Z Sawyer</b> T Z Sawyer Technical Consultants	2130 Hutchison Grove Court Suite 100 Falls Church, VA 22043 United States	+1 (703) 848- 2130	tzsawyer@tzsawyer. com	Technical Representative
<b>Marcus W Trathen</b> Brooks, Pierce et al.	150 Fayetteville Street Suite 1700 Raleigh, NC 27601 United States	+1 (919) 839- 0300	mtrathen@brookspierce. com	Legal Representative

**Alien Ownership**

Question	Response
1) Is the applicant a foreign government or the representative of any foreign government as specified in Section 310(a) of the Communications Act?	No
2) Is the applicant an alien or the representative of an alien? (Section 310(b)(1))	No
3) Is the applicant a corporation, or non-corporate entity, that is organized under the laws of any foreign government? (Section 310(b)(2))	No
4) Is the applicant an entity of which more than one-fifth of the capital stock, or other equity or voting interest, is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any entity organized under the laws of a foreign country? (Section 310(b)(3))	No
5) Is the applicant directly or indirectly controlled by any other entity of which more than one-fourth of the capital stock, or other equity or voting interest, is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any entity organized under the laws of a foreign country? (Section 310(b)(4))	No
6) Has the applicant received a declaratory ruling(s) under Section 310(b)(4) of the Communications Act?	No
7) In connection with this application, is the applicant filing a foreign ownership Petition for Declaratory Ruling pursuant to Section 310(b)(4) of the Communications Act?	No

**Basic Qualifying Questions**

Section	Question	Response
<b>Revoked Application</b>	Has the Applicant or any party to this application had any FCC station Authorization revoked or had any application for an initial, modification or renewal of FCC station Authorization denied by the Commission?	No
<b>State or Federal Convictions</b>	Has the Applicant or any party to this application, or any party directly or indirectly controlling the Applicant, ever been convicted of a felony by any state or federal court?	No

## Channel Sharing

Section	Question	Response													
Channel Sharing	Is this filing to dissolve a Channel Sharing Arrangement?	No													
Enter the Facility ID of the station to be shared:	<table border="1"><thead><tr><th>Facility ID</th><th>Call Sign</th><th>Service</th><th>City</th><th>State</th></tr></thead><tbody><tr><td>37808</td><td>WLFG</td><td>DTS</td><td>GRUNDY</td><td>VA</td></tr></tbody></table>	Facility ID	Call Sign	Service	City	State	37808	WLFG	DTS	GRUNDY	VA				
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37808	WLFG	DTS	GRUNDY	VA											
Input the Facility ID of station(s) listed in the CSA:	<table border="1"><thead><tr><th>Facility ID</th><th>Call Sign</th><th>Service</th><th>City</th><th>State</th></tr></thead><tbody><tr><td>37809</td><td>WAGV</td><td>DTV</td><td>HARLAN</td><td>KY</td></tr></tbody></table>	Facility ID	Call Sign	Service	City	State	37809	WAGV	DTV	HARLAN	KY				
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37809	WAGV	DTV	HARLAN	KY											

**Channel and  
Facility  
Information**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<b>Proposed Community of License</b>	Facility ID	37808
	State	Virginia
	City	GRUNDY
	DTS Channel	14
	Designated Market Area	Tri-Cities TN-VA
<b>Facility Type</b>	Facility Type	Commercial
	Station Type	Main
<b>Zone</b>	Zone	2

**DTS Reference Point**

Section	Question	Response
<b>Construction Permit File Number and Facility ID</b>	File Number for Current Authorized Service Area:	0000034517
	Facility ID	37808
<b>Coordinates (NAD83)</b>	Latitude	36° 49' 47.3" N+
	Longitude	082° 04' 44.4" W-

**Site 1: Antenna  
Location Data**

Section	Question	Response
<b>Antenna Structure Registration</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	No
	ASR Number	
<b>Coordinates (NAD83)</b>	Latitude	36° 49' 47.3" N+
	Longitude	082° 04' 44.4" W-
	Structure Type	LTOWER-Lattice Tower
	Overall Structure Height	61 meters
	Support Structure Height	61 meters
	Ground Elevation (AMSL)	1274 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	51 meters
	Height of Radiation Center Above Average Terrain	662 meters
	Height of Radiation Center Above Mean Sea Level	1325 meters
	Effective Radiated Power	479 kW



**Site 1: Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Non-Directional
	Do you have an Antenna ID?	Yes
	Antenna ID	94018
<b>Antenna Manufacturer and Model</b>	Manufacturer:	ERI
	Model	ATW22HS5-14H
	Electrical Beam Tilt	1.25
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
<b>DTV and DTS: Elevation Pattern</b>	Does the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?	
	Uploaded file for elevation antenna (or radiation) pattern data	

**Site 1: Operating Constants**

Section	Question	Response
Transmitter and Transmission Line	Transmitter Power Output (TPO): <i>(average power at input to transmission line, after any filter attached to the transmitter, if used)</i>	13.86 dBk 24.35 kW
	Transmission Line Loss (LL):	0.48 dB
	Antenna Input Power (AIP):	13.38 dBk
	Max. Antenna Power Gain (AG)	13.42 dB
	Effective Radiated Power (ERP) <i>(Average Power)</i>	26.80 dBk 479 kW

**Site 2: Antenna Location Data**

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1203562
Coordinates (NAD83)	Latitude	36° 48' 00.3" N+
	Longitude	083° 22' 35.6" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	150.9 meters
	Support Structure Height	149.7 meters
	Ground Elevation (AMSL)	1011.9 meters
Antenna Data	Height of Radiation Center Above Ground Level	30 meters
	Height of Radiation Center Above Average Terrain	482 meters
	Height of Radiation Center Above Mean Sea Level	1041.9 meters
	Effective Radiated Power	0.10 kW

**Site 2: Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1004609
<b>Antenna Manufacturer and Model</b>	Manufacturer:	SCALA
	Model	CL-1469B
	Electrical Beam Tilt	Not Applicable
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
<b>DTV and DTS: Elevation Pattern</b>	Does the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?	
	Rotation	50 degrees
	Uploaded file for elevation antenna (or radiation) pattern data	

**Directional Antenna Relative Field Values (Pre-rotated Pattern)**

Degree	Value	Degree	Value	Degree	Value	Degree	Value
<b>0</b>	1.0	<b>90</b>	.01	<b>180</b>	.01	<b>270</b>	.01
<b>10</b>	0.947	<b>100</b>	.01	<b>190</b>	.01	<b>280</b>	.01
<b>20</b>	0.812	<b>110</b>	.01	<b>200</b>	.01	<b>290</b>	.01
<b>30</b>	0.622	<b>120</b>	.01	<b>210</b>	.01	<b>300</b>	.01
<b>40</b>	0.361	<b>130</b>	.01	<b>220</b>	.01	<b>310</b>	.086
<b>50</b>	0.086	<b>140</b>	.01	<b>230</b>	.01	<b>320</b>	.361
<b>60</b>	.01	<b>150</b>	.01	<b>240</b>	.01	<b>330</b>	.622
<b>70</b>	.01	<b>160</b>	.01	<b>250</b>	.01	<b>340</b>	.812
<b>80</b>	.01	<b>170</b>	.01	<b>260</b>	.01	<b>350</b>	.947

**Additional Azimuths**

Degree	V <sub>A</sub>
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**Site 2: Operating Constants**

Section	Question	Response
Transmitter and Transmission Line	Transmitter Power Output (TPO): <i>(average power at input to transmission line, after any filter attached to the transmitter, if used)</i>	-16.58 dBk 0.022 kW
	Transmission Line Loss (LL):	1.42 dB
	Antenna Input Power (AIP):	-18.00 dBk
	Max. Antenna Power Gain (AG)	8.0 dB
	Effective Radiated Power (ERP) <i>(Average Power)</i>	-10.00 dBk 0.10 kW

**Parties to the  
Application (0)**

Information not provided.

**Attributable Interest**

**Facility ID: 37808**

Section	Question	Response
<b>Equity and Financial Interests</b>	Applicant certifies that equity and financial interests not set forth by the applicant parties are non-attributable.	
<b>Other Authorizations</b>	Does the applicant or any party to the application have an attributable interest in any other broadcast station(s).	

**Facility ID: 37809**

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**License Certifications**

**Facility ID: 37808**

Section	Question	Response
<b>Main Studio Location</b>	The main studio location complies with 47 C.F.R. Section 73.1125.	Yes
	Country	US
	PO Box	
	Address Line 1	8594 Hidden Valley Road
	Address Line 2	
	City	Abingdon
	State	VA
	Zip Code	24210
	Phone	+1 (276) 676-3806
<b>Constructed Facility</b>	The facility constructed as authorized in the underlying construction permit.	Yes
<b>Special Operating Conditions</b>	The facility was constructed in compliance with all special operating conditions, terms, and obligations described in the construction permit. <b>An exhibit may be required.</b> Review the underlying construction permit.	Yes
<b>Transmitter</b>	The transmitter complies with 47 C.F.R. Section 73.1660.	Yes
<b>Changing Transmitter Power Output</b>	Is this application being filed to authorize a change in transmitter power output caused by the replacement of an omnidirectional antenna with another omnidirectional antenna or an alteration of the transmission line system? See 47 C.F.R. Sections 73.1690(c)(1) and (c)(10).	No
<b>Replacing a Directional Antenna</b>	Is this application being filed pursuant to 47 C.F.R. Section 73.1690(c)(3) to replace a directional antenna with another directional antenna?	No
	The proposed theoretical antenna pattern complies with 47 C.F.R. Section 73.1690(c)(3).	

<b>Use a formerly licensed main facility as an auxiliary facility</b>	Is this application being filed pursuant to 47 C.F.R. Section 73.1675(c)(1) to request authorization to use a formerly licensed main facility as an auxiliary facility and/or change the ERP of the proposed auxiliary facility?	No
	The proposed auxiliary facility complies with 47 C.F.R. Section 73.1675(a).	
	Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? (See 47 C.F.R. Section 1.1306)	

**Facility ID: 37809**

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<b>Special Operating Conditions</b>	The facility was constructed in compliance with all special operating conditions, terms, and obligations described in the construction permit. <b>An exhibit may be required.</b> Review the underlying construction permit.	Yes
<b>Transmitter</b>	The transmitter complies with 47 C.F.R. Section 73.1660.	Yes
<b>Changing Transmitter Power Output</b>	Is this application being filed to authorize a change in transmitter power output caused by the replacement of an omnidirectional antenna with another omnidirectional antenna or an alteration of the transmission line system? See 47 C.F.R. Sections 73.1690(c)(1) and (c)(10).	No
<b>Replacing a Directional Antenna</b>	Is this application being filed pursuant to 47 C.F.R. Section 73.1690(c)(3) to replace a directional antenna with another directional antenna?	No
	The proposed theoretical antenna pattern complies with 47 C.F.R. Section 73.1690(c)(3).	
<b>Use a formerly licensed main facility as an auxiliary facility</b>	Is this application being filed pursuant to 47 C.F.R. Section 73.1675(c)(1) to request authorization to use a formerly licensed main facility as an auxiliary facility and/or change the ERP of the proposed auxiliary facility?	No
	The proposed auxiliary facility complies with 47 C.F.R. Section 73.1675(a).	
	Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect? (See 47 C.F.R. Section 1.1306)	

**Legal  
Certifications**

Facility ID: 37808

Section	Question	Response
<b>Obligations</b>	Licensee/Permittee certifies that all terms, conditions, and obligations set forth in the underlying construction permit have been fully met.	Yes
	Licensee/Permittee certifies that, apart from changes already reported, no cause or circumstance has arisen since the grant of the underlying construction permit which would result in any statement or representation contained in the construction permit application to be now incorrect.	Yes
<b>Character Issues</b>	Applicant certifies that neither applicant nor any party to the application has or had any interest in, or connection with:  (a) any broadcast application in any proceeding where character issues were left in unresolved or were resolved adversely against the applicant or party to the application; or  (b) any pending broadcast application in which character issues have been raised.	Yes
<b>Adverse Findings</b>	Has the Applicant or any party to this application had an adverse finding or an adverse final action taken by any court or administrative body in a civil or criminal proceeding brought under any law related to the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination?	No



**Facility ID: 37809**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<b>Obligations</b>	Licensee/Permittee certifies that all terms, conditions, and obligations set forth in the underlying construction permit have been fully met.	Yes
	Licensee/Permittee certifies that, apart from changes already reported, no cause or circumstance has arisen since the grant of the underlying construction permit which would result in any statement or representation contained in the construction permit application to be now incorrect.	Yes
<b>Character Issues</b>	Applicant certifies that neither applicant nor any party to the application has or had any interest in, or connection with:  (a) any broadcast application in any proceeding where character issues were left in unresolved or were resolved adversely against the applicant or party to the application; or  (b) any pending broadcast application in which character issues have been raised.	Yes
<b>Adverse Findings</b>	Has the Applicant or any party to this application had an adverse finding or an adverse final action taken by any court or administrative body in a civil or criminal proceeding brought under any law related to the following: any felony; mass media-related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination?	No

**Certification**

Section	Question	Response
<p><b>General Certification Statements</b></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><b>Authorized Party to Sign</b></p>	<p><b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b></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><b>Michael Smith</b> <i>President</i></p> <p>04/12/2019</p>

## Attachments

File Name	Uploaded By	Attachment Type	Description
<u><a href="#">20190412-REV WLFG STATION LICENSE ENGINEERING STATEMENT.pdf</a></u>	Applicant	License Certifications	Engineering Statement - Compliance with Construction Permit Conditions and TPO Calculations.

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