



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **BDSTA-20120126ADW** | Submit Date: **01/26/2012** | Call Sign: **WHKY-TV** | Facility ID: **65919** | FRN:  
**0001712819** | State: **North Carolina** | City: **HICKORY**  
Service: **DTV** | Purpose: **Engineering STA** | Status: **Dismissed** | Status Date: **08/01/2019** | 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?	No
	Indicate reason for fee exemption:	
Waivers	Does this filing request a waiver of the Commission's rule(s)?	
	Total number of rule sections involved in this waiver request:	

Applicant  
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
LONG COMMUNICATIONS, L.L.C. Applicant Doing Business As: LONG COMMUNICATIONS, L.L.C.	PO BOX 1059 HICKORY, NC 28603 United States	+1 (828) 322- 1290	JLONG@WHKY. COM	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  
(2)

Contact Name	Address	Phone	Email	Contact Type
THOMAS LONG ENGINEER	PO BOX 1059 HICKORY, NC 28603 United States	+1 (828) 322-5115	TLONGJR@WHKY.COM	Technical Representative
JOSEPH C. CHAUTIN, III HARDY, CAREY, CHAUTIN & BALKIN, LLP	1080 WEST CAUSEWAY APPROACH MANDEVILLE, LA 70471 United States	+1 (985) 629-0777	JCHAUTIN@HARDYCAREY.COM	Legal Representative

Channel and Facility Information

Section	Question	Response
Facility ID	65919	
State	North Carolina	
City	HICKORY	
DTV Channel	40	
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	2

Antenna Location  
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	No
	ASR Number	
Coordinates (NAD83)	Latitude	35° 43' 59.4" N+
	Longitude	081° 19' 50.3" W-
	Structure Type	
	Overall Structure Height	58 meters
	Support Structure Height	
	Ground Elevation (AMSL)	531 meters
Antenna Data	Height of Radiation Center Above Ground Level	50 meters
	Height of Radiation Center Above Average Terrain	251 meters
	Height of Radiation Center Above Mean Sea Level	581 meters
	Effective Radiated Power	950 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	108160
Antenna Manufacturer and Model	Manufacturer:	ERI
	Model	ATW25HS3-HSWC-40H
	Rotation	0 degrees
	Electrical Beam Tilt	0.75
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
DTV and DTS: Elevation 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	

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.537	90	0.888	180	0.905	270	0.998
10	0.502	100	0.943	190	0.896	280	0.905
20	0.49	110	0.98	200	0.893	290	0.92
30	0.502	120	0.998	210	0.896	300	0.943
40	0.537	130	0.998	220	0.905	310	0.888
50	0.593	140	0.985	230	0.92	320	0.818
60	0.663	150	0.964	240	0.941	330	0.741
70	0.741	160	0.941	250	0.964	340	0.663
80	0.818	170	0.92	260	0.985	350	0.593

Additional Azimuths

Degree	V <sub>A</sub>
275	1
125	1

Certification

Section	Question	Response
General Certification Statements	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.).	
	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.	
Authorized Party to Sign	<b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b> 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. 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).	
	I certify that this application includes all required and relevant attachments.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	<b>JEFFREY B. LONG</b>  01/26/2012

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>1485237_1018960.txt</u>	Applicant	All Purpose	CIRCUMSTANCES