



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **0000073391** | Submit Date: **05/28/2019** | Call Sign: **WYCI** | Facility ID: **77515** | FRN: **0018223693** | State:

New York | City: **SARANAC LAKE**

Service: **DTV** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **06/07/2019** | 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?	No
	Indicate reason for fee exemption:	
Waivers	Does this filing request a waiver of the Commission's rule(s)?	No
	Total number of rule sections involved in this waiver request:	

Application Type	Fee Code	Fee Amount
Engineering STA	MGT	\$200.00
Total		\$200.00

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
CROSS HILL COMMUNICATIONS, LLC Applicant Doing Business As: CROSS HILL COMMUNICATIONS, LLC	Daniel N. Carbonara 31 Pleasant Street Suite 202 Claremont, NH 03743 United States	+1 (603) 504-6692	dcarbonara@ycnnow.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
W. Jeffrey Reynolds Jeffrey Reynolds du Treil, Lundin & Rackley, Inc.	3135 Southgate Circle Sarasota, FL 34239 United States	+1 (941) 329-6000	JEFF@DLR.COM	Technical Representative
Davina Sashkin Sashkin FLETCHER, HEALD, & HILDRETH, P.L.C.	1300 N. 17TH ST. 11th FLOOR ARLINGTON, VA 22209 United States	+1 (703) 703-0458	Sashkin@FHHLAW.COM	Legal Representative

Channel and
Facility
Information

Section	Question	Response
Proposed Community of License	Facility ID	77515
	State	New York
	City	SARANAC LAKE
	DTV Channel	34
	Designated Market Area	Burlington-Plattsburgh
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	44° 20' 28.1" N+
	Longitude	074° 07' 41.5" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	36.6 meters
	Support Structure Height	48.7 meters
	Ground Elevation (AMSL)	621 meters
Antenna Data	Height of Radiation Center Above Ground Level	26.8 meters
	Height of Radiation Center Above Average Terrain	97 meters
	Height of Radiation Center Above Mean Sea Level	647.8 meters
	Effective Radiated Power	11.4 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	97736
Antenna Manufacturer and Model	Manufacturer:	MCI
	Model	955000-LP 1X2 ARRAY
	Rotation	0 degrees
	Electrical Beam Tilt	Not Applicable
	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	0.036	90	0.448	180	0.966	270	0.054
10	0.104	100	0.339	190	0.871	280	0.114
20	0.197	110	0.475	200	0.723	290	0.096
30	0.324	120	0.59	210	0.547	300	0.043
40	0.474	130	0.569	220	0.373	310	0.114
50	0.595	140	0.656	230	0.236	320	0.105
60	0.625	150	0.845	240	0.133	330	0.031
70	0.577	160	0.963	250	0.06	340	0.028
80	0.524	170	1	260	0.043	350	0.028

Additional Azimuths

Degree	V _A
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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	FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID 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.	Yes
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	Gregory Uhrin Uhrin <i>Chief Operating Officer</i> 05/28/2019

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>WYCI STA Exhibit (01317619xB3D1E).DOCX</u>	Applicant	All Purpose	WYCI STA Circumstances