



(REFERENCE COPY - Not for submission)

# Amendment to a LPTV Translator Engineering STA Application

File Number: **0000055041** | Submit Date: **06/18/2018** | Call Sign: **W19EQ-D** | Facility ID: **18559** | FRN: **0005277538** |

State: **Ohio** | City: **EASTLAKE**

Service: **LPT** | Purpose: **Engineering STA Amendment** | Status: **Granted** | Status Date: **08/15/2018** | Expiration Date: **08/26/2021** | 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:	W38ET is owned and operated by ideastream, licensee of noncommercial educational television licensee WVIZ, Cleveland, Ohio.
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
IDEASTREAM Applicant Doing Business As: IDEASTREAM	IDEA CENTER 1375 EUCLID AVENUE CLEVELAND, OH 44115 United States	+1 (216) 398- 2800	kevin.martin@ideastream. 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  
(3)

Contact Name	Address	Phone	Email	Contact Type
<b>Kevin Martin</b> <i>President and CEO</i> ideastream	Idea Center 1375 Euclid Ave. Cleveland, OH 44115 United States	+1 (216) 916- 6455	kevin.martin@ideastream. org	President and CEO
<b>Benjamin Pidek , P. E .</b> <i>Consulting Engineer</i> Mid-State Consultants	6197 Miller Rd., Suite 1 Swartz Creek, MI 48473 United States	+1 (810) 226- 0750	bpidek@mscon.com	Technical Representative
<b>Steven C. Shaffer</b> Garvey Schubert Barer	1000 Potomac Street, N. W. Suite 200 Washington, DC 20007 United States	+1 (202) 298- 2535	sschaffer@gsblaw.com	Legal Representative

Channel and Facility Information

Section	Question	Response
Facility ID	18559	
State	Ohio	
City	EASTLAKE	
LPT Channel	19	

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1221006
Coordinates (NAD83)	Latitude	41° 41' 28.2" N+
	Longitude	081° 02' 47.3" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	79.0 meters
	Support Structure Height	76.0 meters
	Ground Elevation (AMSL)	383.0 meters
Antenna Data	Height of Radiation Center Above Ground Level	65.8 meters
	Height of Radiation Center Above Mean Sea Level	448.8 meters
	Effective Radiated Power	15.0 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1003875
Antenna Manufacturer and Model	Manufacturer:	Scala
	Model	4DR-16-2HW
	Rotation	325 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:	Full Service

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1	90	0.712	180	0.020	270	0.712
10	0.950	100	0.570	190	0.020	280	0.830
20	0.829	110	0.403	200	0.020	290	0.917
30	0.789	120	0.132	210	0.020	300	0.975
40	0.910	130	0.020	220	0.020	310	0.989
50	0.989	140	0.020	230	0.020	320	0.910
60	0.975	150	0.020	240	0.132	330	0.789
70	0.917	160	0.020	250	0.403	340	0.829
80	0.830	170	0.020	260	0.570	350	0.950

Additional Azimuths

Degree	V <sub>A</sub>
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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	<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.	Yes
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	<b>Kevin E. Martin</b> <i>President and Chief Executive Officer</i>  06/18/2018

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">w19eq-d 18559.pdf</a>	Internal	All Purpose	
<a href="#">W38ET Amended STA Request Ch. 19 Interim 6-15-18.pdf</a>	Applicant	Amendment	Amendment Changes
<a href="#">W38ET STA Disp EngSta 6-15-18.pdf</a>	Applicant	General Information	STA Request Statement