



(REFERENCE COPY - Not for submission)

DTV Experimental STA Application

File Number: 0000054330 | Submit Date: 05/22/2018 | Call Sign: WCIU-TV | Facility ID: 71428 | FRN: 0009562265 | State: Illinois | City: CHICAGO

Service: DTV | Purpose: Experimental STA | Status: Superceded | Status Date: 05/24/2018 | Filing Status: InActive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
Experimental STA	MGT	\$190.00
Total		\$190.00

Applicant  
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
WCIU-TV LIMITED PARTNERSHIP Applicant Doing Business As: WCIU-TV LIMITED PARTNERSHIP	Norman Shapiro 26 NORTH HALSTED STREET CHICAGO, IL 60661 United States	+1 (312) 705-2600	NSHAPIRO@wciu.com	Other

Contact  
Representatives  
(2)

Contact Name	Address	Phone	Email	Contact Type
Esq Ann Bobeck Bobeck , Esq . Covington & Burling LLP	Ann Bobeck One CityCenter, 850 Tenth Street, NW Washington, DC 20001 United States	+1 (202) 662- 5719	abobeck@cov. com	Legal Representative
Jr Louis R duTreil R duTreil , Jr . duTreil Lundin & Rackley Inc	3135 Southgate Circle Sarasota, FL 34239 United States	+1 (941) 329- 6004	bobjr@DLR. com	Technical Representative

Channel and Facility Information

Section	Question	Response
Facility ID	71428	
State	Illinois	
City	CHICAGO	
DTV Channel	23	
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	1

Antenna Location  
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1032959
Coordinates (NAD83)	Latitude	41° 52' 44.1" N+
	Longitude	087° 38' 10.2" W-
	Structure Type	BTWR-Building with TOWER /ANTENNA on top
	Overall Structure Height	527.3 meters
	Support Structure Height	437.5 meters
	Ground Elevation (AMSL)	181.4 meters
Antenna Data	Height of Radiation Center Above Ground Level	472 meters
	Height of Radiation Center Above Average Terrain	480 meters
	Height of Radiation Center Above Mean Sea Level	653.4 meters
	Effective Radiated Power	53.5 kW

Antenna  
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1003672
Antenna Manufacturer and Model	Manufacturer:	Alive
	Model	ALI-ATC-BCSE12C1-U1
	Rotation	240 degrees
	Electrical Beam Tilt	1
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Elliptical
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	0.87	90	0.218	180	0.991	270	0.957
10	0.797	100	0.119	190	0.996	280	0.912
20	0.719	110	0.241	200	0.954	290	0.867
30	0.608	120	0.443	210	0.893	300	0.856
40	0.443	130	0.608	220	0.856	310	0.893
50	0.241	140	0.719	230	0.867	320	0.954
60	0.119	150	0.797	240	0.912	330	0.996
70	0.218	160	0.87	250	0.957	340	0.991
80	0.273	170	0.942	260	0.975	350	0.942

Additional Azimuths

Degree	V <sub>A</sub>
334	1
186	1

## Certification

Section	Question	Response
<b>General Certification Statements</b>	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.	
<b>Authorized Party to Sign</b>	<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>Norman H Shapiro H Shapiro</b> <i>President/Secretary /Treasurer</i>  05/22/2018

Attachments

File Name	Uploaded By	Attachment Type	Description
<a href="#">ChicagoIL_3p0_Pre_Study_Caused.pdf</a>	Applicant	All Purpose	Interference Analysis
<a href="#">ChicagoIL_3p0_Statement_2018Mar19A.pdf</a>	Applicant	All Purpose	Engineering Statement
<a href="#">IX Letter For Chicago (002).pdf</a>	Applicant	General Information	Interference Acceptance Agreement