



(REFERENCE COPY - Not for submission)

Digital Class A Engineering STA Application

File Number: **0000079098** | Submit Date: **07/30/2019** | Call Sign: **WDCO-CD** | Facility ID: **57905** | FRN: **0023631377**
 State: **Virginia** | City: **WOODSTOCK**
 Service: **DCA** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **08/02/2019** | Expiration Date: **02/01/2020**
 Filing Status: **Active**

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
WMTM, LLC	5670 Wilshire Blvd., Suite 1620 Los Angeles, CA 90036 United States	+1 (323) 965-5400	rogow@loop.com	Limited Liability Company

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
Christine Meng WMTM, LLC	5670 Wilshire Blvd., Suite 1620 Los Angeles, CA 90036 United States	+1 (323) 904- 4099	cmeng@loop.com	Administrative
Lawrence Rogow WMTM, LLC	5670 Wilshire Blvd., Suite 1620 Los Angeles, CA 90036 United States	+1 (323) 904- 4090	rogow@loop.com	Technical Representative
Joan Stewart WILEY REIN LLP	1776 K Street NW Washington, DC 20006 United States	+1 (202) 719- 7438	jstewart@wileyrein. com	Legal Representative

Channel and Facility Information

Section	Question	Response
Proposed Community of License	Facility ID	57905
	State	Virginia
	City	WOODSTOCK
	DCA Channel	24
	Designated Market Area	Washington DC (Hagrstwn)

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1036610
Coordinates (NAD83)	Latitude	38° 56' 24.0" N+
	Longitude	077° 04' 53.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	201.8 meters
	Support Structure Height	160.0 meters
	Ground Elevation (AMSL)	117.9 meters
Antenna Data	Height of Radiation Center Above Ground Level	101 meters
	Height of Radiation Center Above Mean Sea Level	218.9 meters
	Effective Radiated Power	5.1 kW

**Antenna
Technical Data**

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	93820
Antenna Manufacturer and Model	Manufacturer:	SBP
	Model	UPC-4
	Rotation	280 degrees
	Electrical Beam Tilt	Not Applicable
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Elliptical
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?	Yes
	Uploaded file for elevation antenna (or radiation) pattern data	WAZT-CD 45 elevationPattern-template-2.xml
	Out-of-Channel Emission Mask:	Stringent

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.999	90	0.485	180	0.001	270	0.485
10	0.895	100	0.348	190	0.001	280	0.636
20	0.789	110	0.237	200	0.001	290	0.803
30	0.839	120	0.12	210	0.001	300	0.939
40	0.977	130	0.024	220	0.001	310	1
50	1	140	0.001	230	0.024	320	0.977
60	0.939	150	0.001	240	0.12	330	0.839
70	0.803	160	0.001	250	0.237	340	0.789
80	0.636	170	0.001	260	0.348	350	0.895

Additional Azimuths

Degree	V _A
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Certification

Section	Question	Response
<p>General Certification Statements</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>Authorized Party to Sign</p>	<p>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</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>LAWRENCE ROGOW <i>MANAGER</i></p> <p>07/30/2019</p>

Attachments

File Name	Uploaded By	Attachment Type	Description
Engineering STA Request.pdf	Applicant	General Information	Engineering STA Request
WAZT-CD 45 elevationPattern-template-2.xml	Applicant	Elevation Pattern	