

## LPTV Engineering STA Application

 File Number:
 000005229
 Submit Date:
 11/03/2015
 Call Sign:
 K48NV-D
 Facility ID:
 185295
 FRN:
 0004275046

 State:
 Nebraska
 City:
 COLUMBUS
 Status:
 Granted
 Status Date:
 11/09/2015
 Expiration Date:
 Image: Status:
 Image: Status:
 Image: Status Date:
 11/09/2015
 Image: Status Date:
 Image: Status Date:

General Information	Section	Question		Response
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 r	equest:	
	Application Type	Fee Code	Fee Amo	punt
	Engineering STA	MGL	\$190.00	

Total

\$190.00

## Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
FLOOD DIGITAL NETWORKS, LLC Applicant Doing Business As: FLOOD DIGITAL NETWORKS, LLC	214 N. 7TH STREET NORFOLK, NE 68702 United States	+1 (402) 371- 0100	MIKE@US92. 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
	<b>Clarence M Beverage M Beverage</b> Communications Technologies, Inc.	PO Box 1130 Marlton, NJ 08053 United States	+1 (856) 985- 0077	cbeverage@commtechrf. com	Technical Representative
	Esq. MATTHEW H McCormick H McCormick , Esq Fletcher, Heald & Hildreth, PLC	1300 N 17th Street 11th Floor Arlington, VA 22290 United States	+1 (703) 812- 0438	mccormick@fhhlaw.com	Legal Representative

Channel and	Section	Question	Response
Facility Information	Facility ID	185295	
	State	Nebraska	
	City	COLUMBUS	
	LPD Channel	48	

Antenna Location Data	Section	Question	Response
	Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
		ASR Number	1025554
	Coordinates (NAD83)	Latitude	41° 27' 09.3" N+
		Longitude	097° 15' 10.8" W-
		Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
		Overall Structure Height	94.8 meters
		Support Structure Height	89.9 meters
		Ground Elevation (AMSL)	448.7 meters
	Antenna Data	Height of Radiation Center Above Ground Level	76.2 meters
		Height of Radiation Center Above Mean Sea Level	524.9 meters
		Effective Radiated Power	12 kW

Antenna Type     Antenna Type     Non-Directional       Do you have an Antenna ID?     1000647       Antenna Manufacturer and Model     Manufacturer:     ATC       Model     ATC-BBO10-U     Rotation       Electrical Beam Tilt     0.75     0.75       Mechanical Beam Tilt     Not Applicable     Not Applicable       Elevation Radiation     Polarization     Horizontal       Pattern     Does the proposed antenna propose elevation radiation pattern that vary with azimuth for reasons other than the use of mechanical beam tilt?     No       Uploaded file for elevation antenna (or radiation) pattern     Content of the section of t	Antenna	Section	Question	Response
Antenna ID1000647Antenna Manufacturer and ModelManufacturer:ATCModelModelATC-BBO10-URotationRotation0.75Electrical Beam Tilt0.75ModelNot Applicabletoward azimuthHorizontalElevation Radiation PatternOes the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?NoUploaded file for elevation antenna (or radiation) pattern dataUploaded file for elevation antenna (or radiation) pattern	Technical Data	Antenna Type	Antenna Type	Non-Directional
Antenna Manufacturer and Model       Manufacturer:       ATC         Model       Model       ATC-BBO10-U         Rotation       Rotation       Image: Comparison of the second of the secon			Do you have an Antenna ID?	
Model         Arc-BBO10-U           Rotation         Rotation           Rotation         0.75           Model         Not Applicable           Model         Not Applicable           Patrical Beam Tilt         Not Applicable           Invariant Again Tilt         Not Applicable           Polarization         Polarization           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         Collection Call Call Call Call Call Call Call Cal			Antenna ID	1000647
Model       ATC-BBO10-U         Rotation          Electrical Beam Tilt       0.75         Mechanical Beam Tilt       Not Applicable         toward azimuth          Polarization       Horizontal         Polarization       Horizontal         Polace the proposed antenna propose elevation radiation pattern       No         Polace of mechanical beam tilt?       No         Uploaded file for elevation antenna (or radiation) pattern       Constant			Manufacturer:	ATC
Electrical Beam Tilt       0.75         Mechanical Beam Tilt       Not Applicable         toward azimuth       -         Polarization       Horizontal         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       Uploaded file for elevation antenna (or radiation) pattern		Model	Model	ATC-BBO10-U
Mechanical Beam Tilt       Not Applicable         toward azimuth       Horizontal         Polarization       Horizontal         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       Uploaded file for elevation antenna (or radiation) pattern			Rotation	
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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       Image: Comparison of the proposed antenna (or radiation) pattern       Image: Comparison of the proposed antenna tilt?			toward azimuth	
Pattern       patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?         Uploaded file for elevation antenna (or radiation) pattern data       Uploaded file for elevation antenna (or radiation) pattern			Polarization	Horizontal
data			patterns that vary with azimuth for reasons other than the	No
Out-of-Channel Emission Mask: Full Service			Out-of-Channel Emission Mask:	Full Service

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	<ul> <li>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</li> <li>Upon grant of this application, the Authorization Holder may be subject to certain construction or coverage requirements.</li> <li>Failure to meet the construction or coverage requirements will result in automatic cancellation of the Authorization.</li> <li>Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of Authorization requested in this application.</li> <li>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).</li> </ul>	
		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.	Michael J Flood J Flood Member/Manager 11/03/2015

File Name	Uploaded By	Attachment Type	Description
<u>00847161.DOCX</u>	Applicant	General Information	STA Request
<u>5229.pdf</u>	Internal	All Purpose	
D:\data\prod\cdbs\letters\A-2002151 F-185295 L-61780- 0000005229.pdf	Internal	All Purpose	Requested: 11/09/15 7: 25:37