



(REFERENCE COPY - Not for submission)

LPTV Engineering STA Application

File Number: **0000210692** | Submit Date: **02/13/2023** | Call Sign: **WJNI-LD** | Facility ID: **168039** | FRN: **0026913541** |

State: **South Carolina** | City: **NORTH CHARLESTON**

Service: **LPD** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **03/02/2023** | Expiration Date: **09/01/2023** |

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	MGL	\$270.00
Total		\$270.00

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
NORSAN COMMUNICATIONS AND MANAGEMENT, INC. Doing Business As: NORSAN COMMUNICATIONS AND MANAGEMENT, INC.	Norberto Sanchez, CEO 4801 EAST INDEPENDENCE BLVD. SUITE 815 CHARLOTTE, NC 28212 United States	+1 (540) 459-7646	norsan@norsangroup.com	Corporation

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
Kevin T Fisher <i>Engineering Consultant</i> Smith and Fisher, LLC	Kevin T. Fisher 4791 Wintergreen Court Woodbridge, VA 22192 United States	+1 (703) 505- 1751	kevin@smithandfisher. com	Technical Representative
John C Trent , Esq. . <i>FCC Counsel</i> Putbrese Hunsaker & Trent, P.C.	John C. Trent, Esq. 200 South Church Street Woodstock, VA 22664 United States	+1 (540) 459- 7646	fccman3@shentel.net	Legal Representative

Channel and Facility Information

Section	Question	Response
Facility ID	168039	
State	South Carolina	
City	NORTH CHARLESTON	
LPD Channel	31	

Antenna Location
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1054307
Coordinates (NAD83)	Latitude	32° 55' 43.0" N+
	Longitude	080° 06' 12.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	100.0 meters
	Support Structure Height	99.0 meters
	Ground Elevation (AMSL)	9.4 meters
Antenna Data	Height of Radiation Center Above Ground Level	84.4 meters
	Height of Radiation Center Above Mean Sea Level	93.8 meters
	Effective Radiated Power	0.3 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	100206
Antenna Manufacturer and Model	Manufacturer:	ALD
	Model	ATV-08-07-420
	Rotation	0 degrees
	Electrical Beam Tilt	0.5
	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:	Stringent

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	0.955	90	0.473	180	0.468	270	0.785
10	1	100	0.684	190	0.549	280	0.569
20	0.912	110	0.832	200	0.38	290	0.309
30	0.785	120	0.955	210	0.473	300	0.431
40	0.582	130	0.988	220	0.692	310	0.543
50	0.309	140	0.902	230	0.822	320	0.394
60	0.431	150	0.785	240	0.966	330	0.473
70	0.562	160	0.569	250	1	340	0.684
80	0.422	170	0.331	260	0.902	350	0.813

Additional Azimuths

Degree	V _A
45	0.426
315	0.479
225	0.767
135	0.955

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.	Norberto Sanchez <i>CEO</i> 02/13/2023

Attachments

File Name	Uploaded By	Attachment Type	Description
RATIONALE FOR WJNI-LD ENGINEERING STA REQUEST.pdf	Applicant	General Information	WJNI-LD Reason For STA Request
WAZS-LD STA Request Engineering.pdf	Applicant	All Purpose	WJNI-LD STA Request Engineering, including power density calculation