



(REFERENCE COPY - Not for submission)

# Digital Class A Engineering STA Application

File Number: **0000143597** | Submit Date: **04/16/2021** | Call Sign: **WGSC-CD** | Facility ID: **4349** | FRN: **0004954707** | State: **South Carolina** | City: **MURRELLS INLET**  
 Service: **DCA** | Purpose: **Engineering STA** | Status: **Granted** | Status Date: **04/28/2021** | Expiration Date: **10/18/2021**  
 Filing Status: **InActive**

**General Information**

Section	Question	Response
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**Fees, Waivers, and Exemptions**

Section	Question	Response
<b>Fees</b>	Is the applicant exempt from FCC application Fees?	No
	Indicate reason for fee exemption:	
<b>Waivers</b>	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
<b>Total</b>		<b>\$200.00</b>

**Applicant  
Information**

**Applicant Name, Type, and Contact Information**

<b>Applicant</b>	<b>Address</b>	<b>Phone</b>	<b>Email</b>	<b>Applicant Type</b>
<b>BEACH TV OF SOUTH CAROLINA, INC.</b> Doing Business As: BEACH TV OF SOUTH CAROLINA, INC.	Byron J. Colley, Jr. 8317 Front Beach Road Suite 23 PANAMA CITY BEACH, FL 32407 United States	+1 (850) 234-2773	jud. colley@destinationnetwork.com	Corporation

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**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>Clarence M. Beverage</b> <i>Broadcast Engineering Consultant</i> Communications Technologies, Inc.	23 Binsted Drive Medford, NJ 08055 United States	+1 (609) 451-5296	CBeverage@CommTechRF. com	Technical Representative
<b>Wade Thomaston</b> <i>Contract Engineer</i> Beach TV of South Carolina, Inc.	PO Box 9556 Panama City Beach, FL 32417 United States	+1 (850) 258-1796	wade. thomaston@destinationnetwork. com	Technical Representative
<b>KATHLEEN VICTORY , ESQ .</b> <i>FCC Counsel</i> FLETCHER HEALD & HILDRETH, PLC	1300 N. 17TH STREET 11TH FLOOR ARLINGTON, VA 22209 United States	+1 (703) 812-0473	victory@fhhlaw.com	Legal Representative

**Channel and Facility Information**

Section	Question	Response
Proposed Community of License	Facility ID	4349
	State	South Carolina
	City	MURRELLS INLET
	DCA Channel	8
	Designated Market Area	Myrtle Beach-Florence

**Primary station proposed to be rebroadcast:**

Facility Id	Call Sign	City	State
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**Antenna Location Data**

Section	Question	Response
<b>Antenna Structure Registration</b>	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1045945
<b>Coordinates (NAD83)</b>	Latitude	33° 33' 52.0" N+
	Longitude	079° 03' 07.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	96.0 meters
	Support Structure Height	96.0 meters
	Ground Elevation (AMSL)	7.3 meters
<b>Antenna Data</b>	Height of Radiation Center Above Ground Level	76.2 meters
	Height of Radiation Center Above Mean Sea Level	83.5 meters
	Effective Radiated Power	0.8 kW

**Antenna  
Technical Data**

Section	Question	Response
<b>Antenna Type</b>	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1008074
<b>Antenna Manufacturer and Model</b>	Manufacturer:	ALD
	Model	ALP0704710
	Rotation	0 degrees
	Electrical Beam Tilt	0
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Elliptical
<b>Elevation Radiation Pattern</b>	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	0.671	90	0.577	180	0.045	270	0.033
10	0.794	100	0.450	190	0.048	280	0.025
20	0.898	110	0.334	200	0.051	290	0.030
30	0.97	120	.233	210	.054	300	0.070
40	1.0	130	0.148	220	0.055	310	0.137
50	0.981	140	0.079	230	0.053	320	0.219
60	0.92	150	0.030	240	0.047	330	0.313
70	0.824	160	0.029	250	0.040	340	0.421
80	0.706	170	0.040	260	0.036	350	0.542

**Additional Azimuths**

Degree	V <sub>A</sub>
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**Certification**

Section	Question	Response
<p><b>General Certification Statements</b></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><b>Authorized Party to Sign</b></p>	<p><b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID</b></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><b>Byron J. Colley</b> <i>President</i></p> <p>04/16/2021</p>

## Attachments

File Name	Uploaded By	Attachment Type	Description
<u>WGSC-CD &amp; WGS-CD SHARING ENGINEERING NARRATIVE AND ENVIRONMENTAL ANALYSIS FOR STA 04162021.pdf</u>	Applicant	General Information	REASON FOR STA ENGINEERING ENVIRONMENTAL

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