



(REFERENCE COPY - Not for submission)

Channel Substitution/Community of License Change

File Number: **0000127532** | Submit Date: **11/27/2020** | Call Sign: **WTOC-TV** | Facility ID: **590** | FRN: **0018223693** | State: **Georgia** | City: **SAVANNAH**
Service: **DTV** | Purpose: **Rule Making** | Status: **Granted** | Status Date: **05/10/2021** | Expiration Date: **04/01/2021** |
Filing Status: **InActive** | NPRM Date: **02/12/2021** | Report and Order Date: **04/26/2021**

General Information

Section	Question	Response
Attachments	Are attachments (other than associated schedules) being filed with this application?	Yes

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
GRAY TELEVISION LICENSEE, LLC Doing Business As: WTOC-TV	4370 PEACHTREE ROAD, NE ATLANTA, GA 30319 United States	+1 (912) 234- 1111	allfccclms@gray. tv	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
David Burke <i>Senior Vice President and CTO</i> Gray Television Licensee, LLC	RSA TOWER, 20TH FLOOR 201 MONROE STREET MONTGOMERY, AL 36104 United States	+1 (334) 206-1475	david.burke@gray.tv	Technical Representative
Joseph M. Davis , P.E. . <i>Consulting Engineer</i> Chesapeake RF Consultants, LLC	207 Old Dominion Road Yorktown, VA 23692 United States	+1 (703) 650-9600	Joseph.Davis@RF-consultants.com	Technical Representative
Joan Stewart , Esq. . <i>Legal Counsel</i> 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	590
	State	Georgia
	City	SAVANNAH
	DTV Channel	23
	Designated Market Area	Savannah
Zone	Zone	2

Antenna Location Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1018626
Coordinates (NAD83)	Latitude	32° 03' 15.0" N+
	Longitude	081° 21' 00.0" W-
	Structure Type	GTOWER-Guyed Structure Used for Communication Purposes
	Overall Structure Height	466.6 meters
	Support Structure Height	431.9 meters
	Ground Elevation (AMSL)	5.4 meters
Antenna Data	Height of Radiation Center Above Ground Level	442.6 meters
	Height of Radiation Center Above Average Terrain	441.6 meters
	Height of Radiation Center Above Mean Sea Level	448.0 meters
	Effective Radiated Power	1000 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	No
	Antenna ID	1007607
Antenna Manufacturer and Model	Manufacturer:	ERI
	Model	ATW28H3-ETWC-23H
	Rotation	110 degrees
	Electrical Beam Tilt	0.75
	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	0.893	90	0.980	180	0.490	270	0.980
10	0.896	100	0.943	190	0.502	280	0.998
20	0.905	110	0.888	200	0.537	290	0.998
30	0.920	120	0.818	210	0.593	300	0.985
40	0.941	130	0.741	220	0.663	310	0.964
50	0.964	140	0.663	230	0.741	320	0.941
60	0.985	150	0.593	240	0.818	330	0.920
70	0.998	160	0.537	250	0.888	340	0.905
80	0.998	170	0.502	260	0.943	350	0.896

Additional Azimuths

Degree	V _A
75	1.000
285	1.000

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.	Robert Folliard <i>Assistant Secretary</i> 11/27/2020

Attachments

File Name	Uploaded By	Attachment Type	Description
DA-21-480A1.pdf	Internal		Report And Order
NPRM-Savannah, GA.pdf	Internal		Notice for Proposed Rule Making
WTOC Petition for Channel Change.pdf	Applicant	All Purpose	Petition for Rulemaking
WTOC-TV Ch-23 rulemaking ENG Statement 11-19-2020.pdf	Applicant	All Purpose	WTOC-TV Ch-23 engineering exhibits