



(REFERENCE COPY - Not for submission)

DTV Engineering STA Application

File Number: **BDSTA-20131209XMN** | Submit Date: **12/09/2013** | Call Sign: **WBFS-TV** | Facility ID: **12497** | FRN:
0003476116 | State: **Florida** | City: **MIAMI**
Service: **DTV** | Purpose: **Engineering STA** | Status: **Dismissed** | Status Date: **02/03/2020** | Filing Status: **InActive**

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)?	
	Total number of rule sections involved in this waiver request:	

Applicant
Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
MIAMI TELEVISION STATION WBFS INC. Applicant Doing Business As: MIAMI TELEVISION STATION WBFS INC.	SUITE 920 1800 K ST STREET NW WASHINGTON, DC 20006 United States	+1 (202) 457-4518	ELNASS@CBS.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
EDWIN L. NASS DIRECTOR OF SPECTRUM MANAGEMENT	1800 K STREET NW SUITE 920 WASHINGTON, DC 20006 United States	+1 (202) 457- 4602	ELNASS@CBS. COM	Technical Representative
E. L. NASS CBS	SUITE 920 1800 K STREET NW WASHINGTON, DC 20006 United States	+1 (202) 457- 4602	ELNASS@CBS. COM	Legal Representative

Channel and Facility Information

Section	Question	Response
Facility ID	12497	
State	Florida	
City	MIAMI	
DTV Channel	22	
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	3

Antenna Location
Data

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1026553
Coordinates (NAD83)	Latitude	25° 58' 08.0" N+
	Longitude	080° 13' 19.0" W-
	Structure Type	
	Overall Structure Height	317.3 meters
	Support Structure Height	
	Ground Elevation (AMSL)	2.4 meters
Antenna Data	Height of Radiation Center Above Ground Level	189 meters
	Height of Radiation Center Above Average Terrain	189.3 meters
	Height of Radiation Center Above Mean Sea Level	191.4 meters
	Effective Radiated Power	200 kW

Antenna
Technical Data

Section	Question	Response
Antenna Type	Antenna Type	Directional Custom
	Do you have an Antenna ID?	Yes
	Antenna ID	117205
Antenna Manufacturer and Model	Manufacturer:	SPX
	Model	TUA-C3-04/12
	Rotation	0 degrees
	Electrical Beam Tilt	Not Applicable
	Mechanical Beam Tilt	Not Applicable
	toward azimuth	
	Polarization	Horizontal
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	1	90	0.053	180	0.982	270	0.968
10	0.978	100	0.049	190	0.945	280	0.959
20	0.872	110	0.076	200	0.768	290	0.793
30	0.721	120	0.206	210	0.717	300	0.733
40	0.554	130	0.382	220	0.865	310	0.869
50	0.373	140	0.548	230	0.839	320	0.836
60	0.191	150	0.71	240	0.69	330	0.678
70	0.094	160	0.854	250	0.769	340	0.76
80	0.062	170	0.951	260	0.934	350	0.947

Additional Azimuths

Degree	V _A
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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.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	HOWARD JAECKEL 12/09/2013

Attachments

File Name	Uploaded By	Attachment Type	Description
<u>1606989_1180805.txt</u>	Applicant	All Purpose	REASON FOR STA REQUEST