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April 29, 2020

Submitted Pursuant to Public Notice DA 20-266, released March 13, 2020  
via email to [James.Bradshaw@fcc.gov](mailto:James.Bradshaw@fcc.gov); [Nazifa.Sawez@fcc.gov](mailto:Nazifa.Sawez@fcc.gov), and  
[Jerome.Manarchuck@fcc.gov](mailto:Jerome.Manarchuck@fcc.gov))

Marlene H. Dortch, Esquire  
Secretary  
Federal Communications Commission  
445 12<sup>th</sup> Street, S.W.  
Room TW-A325  
Washington, D.C. 20554

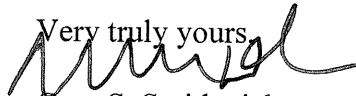
Re: Radio Station WSVA(AM), Harrisonburg, VA  
Facility I.D. No. 39493  
Informal Request for Modification of License  
(Replacement of Antenna Monitor)

Dear Ms. Dortch:

Transmitted herewith, on behalf of Tidewater Communications, LLC, licensee of Radio Station WSVA(AM), Harrisonburg, VA (Facility I.D. No. 39493), is an Informal Request for Modification of License due to replacement of an antenna monitor.

This Informal Request is in response to 47 C.F.R. Section 73.69(d)(1-5) and current outstanding special temporary authority (File No. BSTA-20200424AAF); granted April 27, 2020, which expires July 27, 2020. This STA may now be cancelled.

If any question arises in connection with this filing, please contact undersigned counsel.

Very truly yours,  


Gary S. Smithwick  
**Counsel for**  
**Tidewater Communications, LLC**

Attachment

cc: WSVA Online Public Inspection File



**ENGINEERING STATEMENT OF JAMES D. SADLER  
IN SUPPORT OF AN INFORMAL REQUEST  
FOR MODIFICATION OF STATION LICENSE  
STATION WSVB - HARRISONBURG, VIRGINIA  
550 kHz – 5 kW-D, 1 kW-N, U, DA-N  
Facility ID: 39493**

**Licensee: Tidewater Communications, LLC**

I am a Technical Consultant, an employee in the firm of Carl T. Jones Corporation, with offices located in Springfield, Virginia. My education and experience are a matter of record with the Federal Communications Commission.

This office has been authorized by Tidewater Communications, LLC (herein "Tidewater"), licensee of AM Broadcast Station WSVB, Harrisonburg, Virginia, to prepare this engineering statement and attached figure in support of an informal request for modification of station license necessitated by the replacement of the station's old Potomac Instruments, Model AM-19D(204) antenna monitor with a new Potomac Instruments, Model 1901-4 digital antenna monitor (Serial Number 454).

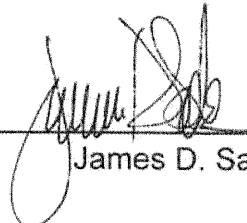
In accordance with Sections 73.69, paragraphs (d)(1) and (2) of the FCC's Rules and Regulations, operating parameters were measured before replacement of the antenna monitor and repeated after replacement of the antenna monitor. WSVB does not have any monitoring points to measure as it is licensed under the computer modeling and sample system verification rules contained in Section 73.151(c). The "before" and "after" measured operating parameters for the nighttime directional antenna system are included on Figure 1. The new calculated operating parameters based on the variance between the measured "before" antenna monitor

parameters and the licensed values are also included. The data provided demonstrates that the WSVA directional antenna system was in compliance with the technical specifications of the station's FCC license prior to the replacement of the antenna monitor.

It is submitted that WSVA has completed the installation of its new antenna monitor and that the station continues to operate in full compliance with the technical terms of its FCC License. Therefore, it is requested that a superseding license be issued reflecting the new relative sample current ratios and phase indications as tabulated in the attached figure, and that the superseding license specify the manufacturer and model number of the new antenna monitor cited above.

This engineering statement and attached figure were prepared by the undersigned and the information contained herein is believed to be true and correct.

DATED: April 28, 2020



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James D. Sadler

Figure 1

**DIRECTIONAL ANTENNA OPERATING PARAMETERS  
STATION WSVB - HARRISONBURG, VIRGINIA  
550 kHz - 5 kW-D, 1 kW-N, U, DA-N**

Operating Parameter	FCC Authorized Value	NIGHTTIME PATTERN		Suggested New Licensed Value
		Measured Value		
		BEFORE	AFTER	
<b><u>COMMON POINT</u></b>				
Resistance	50.0	50.0	50.0	50
Current	4.65	4.65	4.65	4.65
<b><u>Tower #1</u></b>				
Sample Current Ratio	0.593	0.590	0.596	0.599
Deviation (percent)		-0.51		
Phase (degrees)	-147.4	-146.9	-146.7	-147.2
Deviation (degrees)		0.5		
<b><u>Tower #2</u></b>				
Sample Current Ratio	1.000	1.000	1.000	1.000
Deviation (percent)		0.00		
Phase (degrees)	0.0	0.0	0.0	0.0
Deviation (degrees)		0.0		
<b><u>Tower #3</u></b>				
Sample Current Ratio	0.640	0.640	0.643	0.643
Deviation (percent)		0.00		
Phase (degrees)	146.8	146.8	146.9	146.9
Deviation (degrees)		0.0		