

**Call letters:** W267BA.C  
**City of License:** Harrisonburg, VA  
**Channel:** CH267D (101.3 MHz)  
**File No:** BPFT-20190826AAK  
**Facility ID:** 141357  
**Applicant:** Tidewater Communications, LLC

## Explanation of Translator License to Cover Filing and Compliance with Special Operating Conditions or Restrictions

1. THE APPLICANT CERTIFIES COORDINATION WITH OTHER USERS OF THE SITE TO REDUCE POWER OR CEASE OPERATION AS NECESSARY TO PROTECT PERSONS HAVING ACCESS TO THE SITE, TOWER OR ANTENNA FROM RADIOFREQUENCY ELECTROMAGNETIC FIELDS IN EXCESS OF FCC GUIDELINES.
2. THE APPLICANT CERTIFIES THAT PRIOR TO COMMENCING PROGRAM TEST OPERATIONS, THE APPLICANT HAS ON FILE AT THE COMMISSION AN FCC SCHEDULE 350 APPLICATION FOR AN FM TRANSLATOR LICENSE PURSUANT TO 47 C.F.R. SECTION 74.14.
3. THE APPLICANT CERTIFIES THAT BEFORE PROGRAM TESTS COMMENCE, SUFFICIENT MEASUREMENTS HAVE BEEN MADE ESTABLISHING THAT THE OPERATION AUTHORIZED IN THIS CONSTRUCTION PERMIT IS IN COMPLIANCE WITH THE SPURIOUS EMISSIONS REQUIREMENTS OF 47 C.F.R. SECTION(S) 73.317(B) THROUGH 73.317(D). ALL MEASUREMENTS HAVE BEEN MADE WITH ALL STATIONS SIMULTANEOUSLY UTILIZING THE SHARED ANTENNA. THESE MEASUREMENTS HAVE BEEN SUBMITTED TO THE COMMISSION ALONG WITH THE FCC SCHEDULE 350-FM APPLICATION FOR LICENSE. (SEE ATTACHED SPURIOUS EMISSIONS STUDY)
4. THE APPLICANT ACKNOWLEDGES AM STATION WSWA(AM), HARRISONBURG, VA (FAC ID: 39493) MAY BE AFFECTED BY THE FACILITIES AUTHORIZED BY THIS CONSTRUCTION PERMIT. THEREFORE, THE PERMITTEE HAS EXAMINED THE POTENTIAL IMPACT OF THE CONSTRUCTION OF THE AUTHORIZED FACILITIES ON THE AM STATION USING A MOMENT METHOD ANALYSIS. THE ANALYSIS CONSISTS OF A MODEL OF THE AM ANTENNA TOGETHER WITH THE POTENTIAL RE-RADIATING TOWER IN A LOSSLESS ENVIRONMENT. THE MODEL EMPLOYS THE METHODOLOGY SPECIFIED IN SECTION 73.151(C) OF THE COMMISSION'S RULES, EXCEPT THAT THE AM ANTENNA ELEMENTS ARE MODELED AS A SERIES OF THIN WIRES DRIVEN TO PRODUCE THE REQUIRED RADIATION PATTERN, WITHOUT ANY REQUIREMENT FOR MEASUREMENT OF TOWER IMPEDANCES. AS THE CONSTRUCTION DOES NOT RESULT IN RADIATION VALUES IN EXCESS OF THE AM STATION'S LICENSED STANDARD PATTERN OR AUGMENTED PATTERN VALUES, THE PERMITTEE IS NOT RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ANY DETUNING APPARATUS NECESSARY TO RESTORE PROPER OPERATION OF THE DIRECTIONAL ANTENNA. (SEE SECTION 1.30002 OF THE COMMISSION'S RULES.) THE PERMITTEE HAS SUBMITTED CONFIRMATION OF COMPLETION OF THIS ANALYSIS REQUIREMENT IN THE APPLICATION FOR LICENSE TO COVER THIS CONSTRUCTION PERMIT. (SEE ATTACHED WHBG(AM) & WSWA(AM) METHOD OF MOMENTS ANALYSIS)

5. THE APPLICANT ACKNOWLEDGES AM STATION WHBG(AM), HARRISONBURG, VA (FAC ID: 72143) MAY BE AFFECTED BY THE FACILITIES AUTHORIZED BY THIS CONSTRUCTION PERMIT. THEREFORE, THE PERMITTEE HAS EXAMINED THE POTENTIAL IMPACT OF THE CONSTRUCTION OF THE AUTHORIZED FACILITIES ON THE AM STATION USING A METHOD OF MOMENTS ANALYSIS. THE ANALYSIS CONSISTS OF A MODEL OF THE AM ANTENNA TOGETHER WITH THE POTENTIAL RE-RADIATING TOWER IN A LOSSLESS ENVIRONMENT. THE MODEL EMPLOYS THE METHODOLOGY SPECIFIED IN SECTION 73.151(C) OF THE COMMISSIONS RULES, EXCEPT THAT THE AM ANTENNA ELEMENTS ARE MODELED AS A SERIES OF THIN WIRES DRIVEN TO PRODUCE THE REQUIRED RADIATION PATTERN, WITHOUT ANY REQUIREMENT FOR MEASUREMENT OF TOWER IMPEDANCES. AS THE CONSTRUCTION DOES NOT DISTORT THE AM STATION NONDIRECTIONAL RADIATION PATTERN BY MORE THAN 2 DB, THE PERMITTEE IS NOT RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ANY DETUNING APPARATUS NECESSARY TO RESTORE PROPER OPERATION OF THE NONDIRECTIONAL ANTENNA. (SEE SECTION 1.30002 OF THE COMMISSIONS RULES.) THE PERMITTEE HAS SUBMITTED CONFIRMATION OF COMPLETION OF THIS ANALYSIS REQUIREMENT IN THE APPLICATION FOR LICENSE TO COVER OF THIS CONSTRUCTION PERMIT. (SEE ATTACHED WHBG(AM) & WSV(AM) METHOD OF MOMENTS ANALYSIS)