



## **ENGINEERING STATEMENT**

**IN SUPPORT OF**

**REQUEST FOR SPECIAL TEMPORARY AUTHORITY**

**WMAR-TV**

**BALTIMORE, MD**

### **Request for Special Temporary Authority**

Scripps Broadcasting Holdings LLC (Scripps) is the licensee of WMAR-TV, located at Baltimore, MD, which is presently authorized to operate its digital facility on Ch. 38 with the following parameters:

Coordinates: 39° 20' 05.0" N (NAD83)  
76° 39' 02.0" W  
ERP: 1000 kW (omni)  
RCAMSL: 395.0m

WMAR-TV recently experienced a failure in one of its transmitter IPA modules which prevented the transmitter from being able to achieve the authorized output power of the station. WMAR-TV had the transmitter repaired and, for a short time, the transmitter was again able to achieve the authorized output power; however, the transmitter has since experienced several other failures of internal components and is now only capable of sourcing 66% of the authorized output power. WMAR-TV is working with the transmitter manufacturer to determine the extent of the necessary repairs, but there is no definitive timetable on when the repairs can be completed. Scripps, therefore, requests Special Temporary Authority to operate WMAR-TV at a

**PROVIDING COMMUNICATION  
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6197 MILLER RD.  
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reduced ERP of 660 kW until the problems with the transmitter can be corrected. All other facility parameters will remain the same as authorized.

### **Environmental/RFR**

This report addresses only the conditions specified in 47CFR1.1307 that deal with Radio Frequency Radiation. Any other non-RFR conditions that might require the preparation of an EA are beyond the scope of this report; since the structure is existing and registered, such conditions should not be an issue requiring further consideration.

The location of the WMAR-TV Ch. 38 facility is assumed to currently be “in compliance” with FCC guidelines for human exposure to RFR (as defined in OET-65). Since WMAR is proposing to operate with an ERP that is lower than the authorized ERP (660 kW instead of 1000 kW), its contribution to the overall RFR at the site will be reduced.

Scripps agrees to comply with the Commission’s requirements regarding power adjustments or cessation of operation as may be necessary to ensure a compliant environment for worker access. Workers will be trained on RFR issues and encouraged to wear personal RFR monitors when on the structure. The tower base is enclosed by a locked security fence and appropriate signage warning of potential RFR hazards is posted.

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### **Certification**

I hereby certify that the foregoing report or statement was prepared by me but may include work performed by others under my supervision or direction. The statements of fact contained therein are believed to be true and correct based on personal knowledge, information and belief unless otherwise stated; with respect to facts not known of my own personal knowledge, I believe them to be true and correct based on their origin from sources known to me to be generally reliable and accurate. I have prepared this document with due care and in accordance with applicable standards of professional practice.

A handwritten signature in black ink, appearing to read "B. Pidek", is written over a horizontal line.

Benjamin L. Pidek, P.E.  
September 6, 2018

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