Request for LPTV Experimental STA

Chesapeake Television Licensee, LLC ("Applicant") respectfully requests Experimental Special Temporary Authority ("STA") to operate a new low power television station (the "LPTV Station") on Channel 24 in Hunt Valley, Maryland for a period of approximately six months for the purpose of ATSC 3.0 mobile device connectivity and related broadcast application testing. Applicant certifies that it will operate the facility in accordance with the technical parameters set forth in the accompanying engineering exhibits.

Applicant proposes to operate the LPTV Station using the ATSC 3.0 broadcast transmission standard to test ATSC 3.0 reception capabilities. Specifically, the STA will enable testing of connectivity and reception of content to new ATSC 3.0 compatible mobile devices. Such receive devices will include the new "Mark One" ATSC 3.0 smartphone being developed by ONE Media 3.0, LLC ("ONE Media"), a subsidiary of Sinclair Broadcast Group, Inc. ("Sinclair") and sister company to Applicant. Applicant will test broadcast application(s) used to sync programming and data applications to the mobile interface in the new Mark One phone. The proposed site is the corporate headquarters of Applicant, its parent company, Sinclair, and ONE Media and houses the ONE Media Labs. This unique ONE Media Labs facility is designed, furnished and staffed to test ATSC 3.0 mobile connectivity and convergence of over-the-air and over-the-top technologies among other ATSC 3.0 software and hardware applications. The STA transmitter/antenna facilities collocated with the ONE Media Labs will enable easier access to the data generated in the testing without the need for additional connectivity between distant alternative transmission sites and the ONE Media Labs.

Applicant is a qualified broadcast licensee and seeks this Experimental STA to operate the LPTV Station to begin the aforementioned testing. The ATSC 3.0 broadcast transmission standard has not yet been deployed on existing broadcast stations in the Baltimore, MD Designated Market Area (the "DMA") where the ONE Media Labs are located. It is not certain when or if broadcasters in the DMA will conclude negotiations to determine an effective channel mapping plan, finalize hosting agreements, file FCC applications for and receive the necessary NextGen licenses, install necessary transmission facilities, and provision encoders and connectivity links to enable the required broadcasts and simulcasting arrangements necessary to commence ATSC 3.0 service in the DMA. Additionally, even after the ATSC 3.0 standard is deployed in the DMA, Applicant's ability to test ATSC 3.0 mobile connectivity may be impeded depending on which station in the market is ultimately chosen to serve as the ATSC 3.0 host facility and/or would likely be constrained by competing capacity obligations inherent in the requisite multi-station hosting arrangements.

Grant of this Experimental STA request would serve the public interest because it would advance the Commission's ATSC 3.0 policy goals and hasten the development of ATSC 3.0 compatible mobile and portable receive devices and applications that will provide the public with expanded and enhanced access to free, over-the-air television services. Although ATSC 3.0 transmission facilities are being rapidly deployed throughout the country, without fully-functioning, robust and sophisticated receive devices generally and mobile devices specifically enabled to receive the video and non-video data content, the promise of the full gamut of NextGen capabilities will not be realized. That requires detailed testing and performance analyses, and that

review needs to be carried on independently of the full market transmission facility deployment. The requested Experimental STA facility will permit that testing.

As demonstrated in the accompanying engineering exhibits, operation of the LPTV Station is not expected to result in any harm to existing stations or viewers, and Applicant commits to cease operation of the LPTV Station if it is shown to cause harmful interference to existing facilities. Testing of the LPTV Station's transmit capabilities will also further broadcasters' understanding of the role of LPTV transmit facilities in the schema of Distributed Transmission System and Single Frequency Network deployments, the development and use of which is expected to result in qualitatively better levels of broadcast service reception.