

Narrative Statement
Capitol Broadcasting Company, Inc.
Request for Extension of Part 5 Experimental Authority

In this third extension request, Capitol Broadcasting Company, Inc. (“CBC”), the licensee of full-power television station WRAL-TV, Raleigh, North Carolina (FID 8688), respectfully requests an extension of the experimental special temporary authority (“STA”) issued to CBC on June 13, 2016 (File No. 0000010973), as extended on December 13, 2016 (File No. 0000017437) and June 13, 2017 (File No. 0000024847). The STA authorizes CBC to operate an experimental facility on a vacant channel in Raleigh in order to evaluate innovative ATSC 3.0 technologies. In conjunction with the ongoing work related to development of the next-generation TV standard by the Advanced Television Systems Committee and recently approved by the Commission,¹ the experimental facility authorized by the STA is allowing CBC to test the various components and modes being proposed for the new ATSC 3.0 standard so as to verify and better understand the capabilities of the new system and how they could be integrated and fully utilized by the broadcast industry.

CBC proposes to continue operating the facilities authorized in the STA without any technical changes. CBC acknowledges that its experimental operations are secondary and must be terminated if they cause interference to any other broadcast facility. The STA will expire on June 13, 2017. CBC is proposing a six month extension, to and including **June 13, 2018**.

Pursuant to 47 C.F.R. § 15.242(a)(1), prior to commencing operations, CBC made a good faith effort to identify and notify health care facilities within the service area that were potentially affected by the experimental operations. CBC will continue to coordinate operations with the Society of Broadcast Engineers’ local frequency coordinator.

CBC intends to continue gathering relevant information about real-world ATSC 3.0 operations, in an effort to help further develop the ATSC 3.0 standard for the benefit of the viewing public. Information obtained through a continuation of these experiments may be helpful to the Commission in its ongoing Notice of Proposed Rulemaking in GN Docket No. 16-142.

During 2017, engineers from CBC have shared the results of its experiments with ATSC 3.0 equipment on various panels and other discussions. CBC will continue to share relevant results of its experiments with others in the industry, through organizations such as the NAB, North American Broadcasters Association, and the Advanced Television Systems Committee. CBC is willing to submit a report of the experimentation and results to the Commission at the conclusion of the experimental operations.

CBC submits that a grant of this extension request would serve the public interest because the information and data obtained from these experiments will be valuable in

¹ *Authorizing Permissive Use of the "Next Generation" Broadcast Television Standard*, Report and Order and Further Notice of Proposed Rulemaking, FCC 17-158 (rel. Nov. 20, 2017).

evaluating the future use and development of ATSC 3.0 technology and its associated equipment, systems and services for enhanced free over-the-air television service by the viewing public.