

Hosting Arrangements Exhibit

WTTO Licensee, LLC (“Licensee”), licensee of WTTO(TV), Homewood, AL (Facility ID 74138; RF Channel 21), is filing this application to modify WTTO(TV)’s NextGen license to include its non-primary video programming streams (multicast streams) that are aired as “guest” streams on “host” stations as part of the ATSC 3.0 transition. Licensee does not propose to change its primary stream simulcast host from what was previously authorized. *See* File No. 0000192390.

Primary Stream Simulcast

On June 23, 2022, Licensee commenced ATSC 3.0 operations from WTTO(TV)’s facility, which serves as the ATSC 3.0 host for stations in the Birmingham, AL market, and began simulcasting its primary stream in ATSC 1.0 format on WIAT(TV), Birmingham, AL (Facility ID 5360; RF Channel 30) pursuant to a written hosting agreement with Nexstar Media Inc. *See* File No. 0000192390.

Non-Simulcast Multicasts

To minimize any loss of over-the-air programming available to ATSC 1.0 viewers that might otherwise result from WTTO(TV)’s transition to the ATSC 3.0 standard, Licensee is also airing:

- WTTO(TV)’s multicast stream currently affiliated with *Antenna TV* in ATSC 1.0 format from the facilities of commonly-owned WABM(TV), Birmingham, AL (Facility ID 16820; RF Channel 20);
- WTTO(TV)’s multicast stream currently affiliated with *Comet TV* in ATSC 1.0 format from the facilities of WVTM-TV, Birmingham, AL (Facility ID 74173; RF Channel 7), pursuant to a written hosting agreement with WVTM Hearst Television Inc.; and
- WTTO(TV)’s multicast stream currently affiliated with *TBD* in ATSC 1.0 format from the facilities of WBRC(TV), Birmingham, AL (Facility ID 71221; RF Channel 29), pursuant to a written hosting agreement with Gray Television Licensee, LLC.

Because of ATSC 1.0 capacity constraints, WTTO(TV) is not able to air its multicast streams on WIAT(TV), its primary ATSC 1.0 simulcast host. Furthermore, due to ATSC 3.0 capacity and other constraints attendant with the multi-station and multi-market coordination needed for a successful ATSC 3.0 deployment across the country, it is not feasible for Licensee to simulcast WTTO(TV)’s multicast streams in an ATSC 3.0 format without unduly minimizing, if not largely eliminating, the benefits to the public and the participating stations of transitioning to ATSC 3.0. Simulcasting those streams in ATSC 3.0 would reduce capacity available to NextGen stations for offering consumers the improved services that ATSC 3.0 enables. The types of services and improvements that would be precluded would include enhanced video featuring High Dynamic Range, Wide Color Gamut and High Frame Rate, immersive and multiple audio channels using Dolby AC-4, Advanced Emergency Alerting and Information functions as part of a broadcast receiver application, and non-real time interactive data delivery. Each of these requires a portion of the ATSC 3.0 capacity that would be unavailable were Licensee to carry multicast program

streams as the ATSC 3.0 host for stations in the Birmingham, AL market. Even setting aside these impediments, significant additional engineering work and more equipment would be required to simulcast WTTO(TV)'s multicast streams in ATSC 3.0 and ATSC 1.0 formats.

Host Capacity Limits: WTTO(TV) is airing the same programming on the ATSC 1.0 host stations named herein as it previously aired in ATSC 1.0 from its own facility, in the same resolutions, and therefore is not using more capacity on the ATSC 1.0 host stations, in the aggregate, than it would have been able to use on its own facilities if it were still broadcasting in the ATSC 1.0 format.

Coverage Requirements: WABM(TV), WVTM-TV, and WBRC(TV) are licensed to the same DMA as WTTO(TV), and their service contours completely cover WTTO(TV)'s community of license. The multicast hosting arrangements with WVTM-TV and WBRC(TV) serve the public interest by preserving WTTO(TV)'s ability to air each of its programming streams in the ATSC 1.0 format to ensure that WTTO(TV)'s viewers can continue to receive the programming streams currently available to them. The service contours of WABM(TV), WVTM-TV, and WBRC(TV) cover a majority (93.1%, 99.9%, and 98.2% respectively) of WTTO(TV)'s pre-transition service area population. See attached engineering exhibit. Additionally, the arrangements preserve access to those WTTO(TV) streams currently received for viewers who are receiving them via MVPDs. This arrangement complies with the requirement that children's television core programming be carried on either the same host as the primary stream or on a host that serves at least 95% of the predicted population served by WTTO(TV)'s pre-transition 1.0 signal, as WTTO(TV) currently averages at least three hours per week of core programming on its primary stream.

MVPD and Consumer Notice Requirements: Licensee provided notice to MVPDs of each proposed signal relocation when it provided the requisite notice regarding relocation of WTTO(TV)'s primary stream. Licensee also aired the requisite consumer notices and posted to its website information regarding the station's transition to the ATSC 3.0 standard and the need for over-the-air viewers to rescan on June 23, 2022.

In summary, Licensee proposes to license WTTO(TV)'s streams in ATSC 1.0 on temporary host facilities as depicted in the chart on the next page:

WTTO(TV) Stream and Virtual Channel	Pre-Relocation ATSC 1.0 RF Channel and Resolution	Post-Relocation ATSC 1.0 RF Channel and Resolution	ATSC 1.0 Host Station	Simulcast in ATSC 3.0?
CW (Primary) 21.1	21.3 720p	30.5 720p	WIAT(TV)	Yes
Antenna 21.2	21.4 480i	20.7 480i	WABM(TV)	No
Comet TV 21.3	21.5 480i	7.8 480i	WVTM-TV	No
TBD 21.4	21.6 480i	29.8 480i	WBRC(TV)	No