

WSOC DRT1 Displacement and Interference Considerations

Call Sign: WSOC-TV

Station Type: Digital Replacement Translator

Licensee: WSOC Television, LLC

File Number: BLCDT-20100119ACN

Facility ID: 74070

Location: Shelby, NC

Current Channel: 30

Proposed Channel: 12

Displacement Causes

Reason for displacement is predicted interference greater than 0.5 percent to Post-Incentive-Auction Spectrum Repack facilities of Full-Service stations WYFF on Channel 30 and WXLV-TV on Channel 29.

Proposed Facility

The proposed replacement for the facility being displaced will remain at the existing location and operate on Channel 12 at 3 kW ERP using a directional antenna oriented toward 260 degrees.

Interference Analysis

An interference analysis was conducted, applying the FCC TVStudy program version 2.2.5. The Study Cell Size used was 0.5 km, and the Profile Point Spacing used was 0.1 km. Use of those parameters is requested in any confirming studies. A copy of the results obtained is included in the attachments to the current application.

The study results show no impermissible Post-Transition interference to or from stations of other licensees. Interference is shown to and from the proposed post-repack operation of another Digital Replacement Translator licensed to WSOC Television, LLC – the DRT in File Number BLCDT-20120628AAK and located in Statesville, NC. WSOC Television, LLC is applying to relocate both DRTs to Channel 12. Interference from the facility requested in this application to the one in Statesville is predicted to be 4.13 percent, and interference to the facility requested in this application from the Statesville facility is predicted to be 1.36 percent. The applicant for both facilities agrees to accept the interference from the other facility in each case.

Contingent Application

To ensure that as many potential channels as possible are available for displaced translator stations, the FCC has stated that it will permit stations to file displacement applications proposing channels that currently are occupied by repacked full-power and Class A stations. See Incentive Auction Task Force and Media Bureau Announce Post-Incentive Auction Special Displacement Window, *Public Notice*, DA 18-124 (rel. Feb. 9, 2018) at ¶7 (“*Public Notice*”). WSOC accordingly requests waiver of the contingent application rule, 47 C.F.R. §73.3517, as necessary to process and grant the instant application. Studies of Pre-Transition interference to current stations and operations show potential interference to one station: WTVI on Channel 11 in Charlotte, NC, with predicted new interference of 0.61 percent. Full operation of the proposed WSOC DRT displacement facilities therefore will be contingent upon WTVI

moving to its new assignment on Channel 9. WSOC agrees to the condition that it will not begin transmitting on Channel 12 prior to the discontinuance of operations by WTVI. *Public Notice* at ¶¶7. Operation of the proposed WSOC-DRT facility may be possible, however, at reduced power or through an interference acceptance agreement with the licensee of WTVI, in which cases any necessary approval by the FCC will be sought. Otherwise, to the extent necessary, therefore, waivers are requested of the provisions of the contingent application rules in §73.3517 and §73.3700(g)(2)(i) and/or any other rules that would be implicated by this application.