

This report is prepared on behalf of Sandblast L.P., permittee of W258CK, Youngstown, OH, in support of an application for a change of site, power height and channel. The channel change is not within the three adjacent channels above or below the authorized frequency, nor intermediate frequency channels, and relocates the transmitter 139.4 miles. This application is filed as a “250 mile window” application as part of the AM Revitalization for class B AM radio stations, and such a frequency change is permitted for stations filed within the window. Full particulars are included in Exhibit 1 of this application. This amendment is in response to a settlement agreement between Sandblast, L.P and Indiana Community Radio Corporation to resolve mutual exclusivity between their applications for a translator on channel 236 in Columbus, OH. The mutual exclusivity is resolved by Sandblast, L.P. amending its request to an alternative channel.

## **Channel Allocations**

This amendment changes the requested channel from 236 to Channel 225 in order to eliminate mutual exclusivity with BPFT-20160729AHK.

Exhibit 13 Figure 1 is a co-channel allocations map showing that there is no overlap of protected contours of other stations and applications and the proposed interference contours specified in § 74.1204 of the FCC rules.

Figure 2 is a map showing the allocations contours for adjacent channels. This map shows that no overlap or spacing issue exists with any station except second adjacent channel WCOL-FM, Columbus, OH and WODC, Ashville, OH. The WXMG 94 dbuV F(50,50) contour encompasses the proposed 94 dbuV F(50,10) contour.

Figure 3 is a map showing greater detail of the allocations with respect to adjacent channels. There are no IF spaced stations within allocations consideration for this assignment.

**In conclusion, the proposed translator meets all the overlap requirements of § 74.1204 of the FCC rules and regulations.**

## Environment

Exhibit 17 is a study showing that the proposed translator is excluded from environmental processing according to § 1.1306 of the FCC rules. The RF exposure worksheet is included to show that there is no accessible location where the radiation from the translator exceeds exposure standards for general public. The licensee will cooperate with all other users of the tower to assure that safety of workers on the tower is maintained.

## Engineer's Statement

This is to certify that this report has been prepared by myself. It is correct and accurate of my own knowledge, except where stated otherwise, and where that is so, the information is correct to the best of my knowledge and belief.

I further certify that I am a Licensed Professional Engineer in the State of New Jersey, and the Commonwealth of Pennsylvania with a BSEE degree from the Newark College of Engineering of NJIT, and that I am, and have been for over thirty-five years, regularly engaged in the practice of radio engineering with the firm of Radiotechniques Engineering, LLC, with offices at 402 Tenth Avenue, Haddon Heights, NJ. I am a member of the AFCCE, Life Senior member of the IEEE and SBE and hold a FCC General Radiotelephone Operator License. My qualifications are a matter of record with the FCC.



29 October 2016

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Edward A. Schober, PE