

ENGINEERING STATEMENT

The engineering data contained herein have been prepared on behalf of FLINT (WBSF-TV) LICENSEE, INC., licensee of full-power digital television station WBSF(TV), Channel 23 in Bay City, Michigan, in support of its request for Special Temporary Authority to operate the station with the ATSC 3.0 transmission standard and transfer its secondary ATSC 1.0 programming streams to stations WSMH(TV), Channel 16 in Flint, Michigan. It is important to note that the primary programming stream of WBSF(TV) will be transmitted by WEYI-TV, Channel 18 in Saginaw, Michigan, and the engineering support for that proposal is contained in the WBSF(TV) Application for Modification of License to convert to ATSC 3.0 operation.

Exhibit B is a map upon which the WSMH(TV) and WBSF(TV) noise-limited service contours are plotted. As shown, a significant amount of the WBSF(TV) service contour overlaps that of WSMH(TV). Indeed, the “loss area” population that will be created as a result of the transfer of WBSF(TV)’s secondary ATSC 1.0 programming to WSMH(TV) is only 5.0% of the total service population of WBSF(TV), according to the 2020 U.S. Census database. Also, the additional area served by WSMH(TV) that is presently not served by WBSF(TV) contains 635,089 people.

It is also important to note that WSMH(TV) places a city-grade service contour over the entirety of the WBSF(TV) city of license, Bay City, Michigan, as shown in Exhibit C. This is not unexpected, since WSMH(TV) is licensed to a city in the same Designated Market Area (DMA) as WBSF(TV). Thus, the instant application meets the requirements of Section 73.3801(c) of the Commission’s Rules.

EXHIBIT A

I declare under penalty of perjury that the foregoing statements and the attached exhibits, which were prepared by me or under my immediate supervision, are true and correct to the best of my knowledge and belief.

A handwritten signature in blue ink, appearing to read "K. T. Fisher". The signature is stylized with a large "K" and "F" and a smaller "T" in the middle.

KEVIN T. FISHER

February 16, 2022

SMITH AND FISHER, LLC

CONTOUR POPULATION : 2020 U.S. CENSUS DATABASE
WBSF(TV) : 1,807,347 (791,606 HH)
WSMH(TV) (Host) : 2,351,961 (1,018,961 HH)
Common Area Population : 1,716,872 (95.0 % of WBSF(TV) Population)
WBSF(TV) Programming Loss Area Population: 90,475 (5.0%)
WBSF(TV) Programming Gain Area Population: 635,089

**WBSF(TV) CH. 23
N/L FCC CONTOUR**

**WSMH(TV) CH. 16
N/L FCC CONTOUR**

**EXHIBIT B
FCC SERVICE CONTOUR COMPARISON
SECONDARY PROGRAMMING STREAMS
WBSF(TV), CH. 23 ON WSMH(TV), CH. 16
BAY CITY, MICHIGAN**



