

RADIO LICENSE HOLDING CBC, LLC
NEW FM TRANSLATOR STATION
CH 253D - 98.5 MHZ - 0.14 KW DA
READING, PENNSYLVANIA
December 2017

TECHNICAL STATEMENT

This Technical Statement and attached exhibits were prepared on behalf of Radio License Holding CBC, LLC ("RLH"). RLH herein seeks to establish a new FM translator station to retransmit the signal of its co-owned AM station WIOV, 1240 kHz, Reading, Pennsylvania, pursuant to DA 17-533, released June 6, 2017. This long-form application is being submitted pursuant to DA 17-1069, released November 1, 2017.

The proposed new FM translator's antenna is to be located on an existing structure which has been registered with the FCC and assigned Antenna Structure Registration Number 1243948. Since no changes are proposed for this tower structure, the FAA was not apprised of this proposal.

RLH proposes to rebroadcast the signal of AM station WIOV, 1240 kHz, Reading, Pennsylvania on the proposed new facility. The proposed new translator's 60 dBu contour is within 25.0 miles (40.0 kilometers) of the WIOV site; therefore, the new translator is considered a fill-in translator. Exhibit A is a map demonstrating compliance with the fill-in requirements.

Exhibit B is a study demonstrating that the proposed new translator will not cause interference to any full service station, nor will interference be delivered to or received from any existing FM translator or LPFM application.

Due to the co-location of the proposed new translator's antenna with an AM station, the worksheets associated with FCC Form 349 could not be used to demonstrate compliance with the Commission's human exposure guidelines for radio frequency radiation. Exhibit C documents compliance with the radio frequency radiation guidelines.

All other necessary documentation used to certify the technical portion of FCC Form 349 has been forwarded to RLH and is available to the Commission upon request.¹

1) The undersigned has evaluated only the radio frequency radiation exposure portion of the environmental review. All data regarding broadcast facilities was extracted from the Commission's CDBS database on the date of this application. We assume no liability for errors or omissions in that database which may be adverse to the request contained herein.