



Federal Communications Commission
Washington, D.C. 20554
September 21, 2022

MEDIA BUREAU
AUDIO DIVISION
APPLICATION STATUS: (202) 418-2730
HOME PAGE: www.fcc.gov/media/radio/audio-division

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Re: WYCT(FM), Pensacola, Florida
Mary Elizabeth Hoxeng Revocable Trust
Facility ID No. 539
File No. 20220810AAK

Request for Experimental Authority

Dear Counsel:

The staff has under consideration the above-referenced August 10, 2022, request for experimental authority submitted on behalf of Mary Elizabeth Hoxeng Revocable Trust (MEHRT), licensee of commercial FM station WYCT(FM), Pensacola, Florida,¹ to permit WYCT to conduct testing of hybrid digital FM in-band on-channel (IBOC) operation with asymmetric power levels in the digital sidebands. The extension of experimental authority is requested pursuant to Section 5.203 of the Commission's Rules.²

The request states that MEHRT is seeking experimental authority to operate WYCT with lower sideband (LSB) digital effective radiated power (ERP) of -13 dBc³ and upper sideband (USB) digital ERP of -10 dBc.

¹ File Number BLH-20030127ADU

² 47 CFR § 5.203 (Section 5.203).

³ Decibels relative to analog carrier.

Our review indicates that the proposed WYCT digital operation complies with the contour nonoverlap and other technical requirements of the Media Bureau's *Order* adopted January 27, 2010, in MM Docket No. 99-325⁴, and the request for experimental authority meets the requirements for experimental operations set forth in Section 5.203. Accordingly, the request is HEREBY GRANTED. WYCT may operate with increased digital ERP as follows:

| | |
|-------------------------------|-------------------------------------|
| Analog ERP: | 100 kilowatts (kW) H&V ⁵ |
| Digital LSB ERP: ⁶ | 2.5 kW |
| Digital USB ERP: | 5.0 kW |

This experimental authority expires on **September 21, 2023**. This authority is specifically conditioned on the lack of objectionable interference. A report detailing the methodology employed and the results obtained must be submitted within 90 days following the conclusion of the experimental operation. Any request for extension of this experimental authority should be filed at least 30 days prior to the expiration date of the authority. Additionally, an extension request must include an interim version of the aforementioned report detailing the progress of the experimental operation as of the filing date of the request.

Sincerely,

Rodolfo F. Bonacci
Assistant Division Chief
Audio Division
Media Bureau

cc: Mary Elizabeth Hoxeng Revocable Trust by email

⁴ *Digital Audio Broadcasting Systems And Their Impact on the Terrestrial Radio Broadcast Service*, MM Docket No. 99-325, Order, 25 FCC Rcd 1182 (MB 2010) (Order).

⁵ All ERP values rounded in accordance with 47 CFR § 73.212(a).

⁶ Digital ERP values shown are for MP1 service mode. The licensee must adjust the station's asymmetric total digital sideband ERP values in accordance with NRSC guideline "NRSC-G202-A, FM IBOC Total Digital Sideband Power for Various Configurations" (April 2016) if operating using a service mode other than MP1.