

Fort Wayne Engineers Club & IEEE March Meeting – March 25, 2010



1979 Harris MW50A back-up transmitter 1999 Harris DX50 transmitter – in current use

A rare technical tour of the WOWO transmitter building, joint with the Fort Wayne Engineers Club, is on our March agenda, featuring a look at the 1952 Westinghouse 50HG-2 million watt transmitter (retired - still functional), the 1979 Harris MW50A transmitter (back-up use) and the current 1999 Harris DX50 transmitter with digital signal processing. Be sure not to miss this opportunity to personally inspect some of the most powerful AM transmitters in commercial use today!

We will meet off of highway US24 West, at the Roanoke transmitter site (white building with the tall antennas) at 7PM on Thursday March 25th. **Mr. Jack Didier**, Director of Engineering for Federated Media, will be our tour guide. An additional historic treat will be the exciter for the almost implemented stereo AM system patented by local engineer **Bob Streeter**, who is also expected to be in attendance.



Google Maps™ view of Roanoke site. Note building at left, and three-antenna array

WOWO AM Radio 1190 has been a broadcast fixture in the Fort Wayne area since 1925, with its “world famous 50 thousand watt” transmitter/antenna site in Roanoke covering a quarter of the United States and parts of Canada. Visit the WOWO website for more interesting history information.