

The Milwaukee Radio Amateurs' Club Inc.

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In continuous operation since January 1917

Affiliated with ARRL 1919

W9RH Repeater

145.39 MHz, -600 Hz, 127.3 Hz PL

Located on the old ("analog") TV tower for channel 10, 36, 18

Location north of Capitol drive on Humboldt along the Milwaukee River

Down the block from WTMJ / Channel 4 studios and tower

Concrete, sort-of temperature controlled room in a corner of the TV transmitter building with its own outside entrance (not accessible from within the TV building)

Site includes Navy MARS VHF repeater

Multiple remote VHF receivers for MAARS, MSOE RC and MATC RC systems

UHF - FM-38 443.800 and W.I.N. 443.275 systems

Single receiver

Transmitter output 15W

Separate receive and transmitter antennas

2 separate, identical Andrew DB-224E antennas - receive at 730', transmit 630'

Antennas fed with Andrew 2-1/4" pressurized hardline, approx. 1 db power loss

1800 A-hr battery backup

The MDTC TV tower to the south includes:

MATC repeater transmitter at 1100'. Located in a room at 605' is the MADOG 2M, 440, 1.2GHz D-Star repeaters (voice and data)

Repeater coverage from Sheboygan south to Ill border (through Sheboygan, Ozaukee, Milwaukee, Racine and Kenosha Counties), west through Washington, Waukesha (minus holes in Waukesha county coverage) and some of Walworth Counties.

Friday night 2 meter FM net: on the W9RH repeater - 145.39 MHz -600 127.3 PI at 9:00 p.m.