



# MID-OKLAHOMA REPEATOR INC.

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Newsletter for June, 1973, Mid-Okla. Repeater, Inc., WA5YTI 146.34/.94

MID-OKLA. HAMS ASSIST AFTER UNION CITY TORNADO...MEETING JUNE 5th....07/67 REPORT...

"Amateurs did a fantastic job!" Jack Muse, Okla. Co. Red Cross Director.

UNION CITY, OK: Considerable property damage, with only 6 personal injuries followed the course of a major tornado which struck late Thursday afternoon, May 24th in the small Canadian County town of Union City-- pop. approximately 300. Union City is some 30 miles west of Oklahoma City. Though property damage estimates vary, some 15 homes were destroyed, as well as one gasoline station. A three story grain elevator was turned upside-down. 30 other homes and trailer houses as well as several business suffered extensive damage. The fortunately limited extent of personal injuries is attributed to the time of the tornado--while many residents were away at jobs--and better advanced reporting and warning of tornado activity.

W5KOZ provides this summary of amateur operator assistance: "Tornadoes which struck Union City activated our emergency plans. Approximately 20 amateur operators responded to the call and established communications from Union City to the Okla. Co. Red Cross and Emergency Operating Center (EOC) until commercial communications were restored. Both the K5CFM Repeater (22/82) and the WA5YTI Repeater handled considerable communications traffic from 4:30 PM Thursday until early Friday morning."

Some one dozen central Oklahoma hams travelled with mobile equipment to Union City, to provide communications to Red Cross and EOC. A portable ham station was manned at Union City's High School where officials assembled disaster-struck families. Members from central Oklahoma's four ham clubs participated in the effort.

REGULAR MONTHLY MEETING of Mid-Okla. Repeater will take place at City EOC, 46th and N. Eastern, 7 PM, June 5th. Program Chairman WA4AQW announces special showing of "Hams Wide World."

COPIES OF CONSTITUTION AND BY-LAWS will be available at the June 5th meeting or upon request to club members-- since the document runs 6 pages, a mail-out is not planned at this time except to club members requesting a copy.

BULK RATE MAILINGS OF NEWSLETTER? An item for New Business discussion at June 5th meeting. Club roster now over 140. WA5EPK, Sec.-treas., will present details for vote by membership.

SIMPLEX RECOMMENDATIONS OF CLUB: From January 8, 1972, vote of club membership: 146.52, 146.55, and 146.58 Mhz are club's official recommendations for simplex activities. Okla. Central VHF Club and their club station at Red Cross frequently operate 146.52 simplex. All three of these frequencies are from the "national plan" for repeater and simplex channelization of 146-8 Mhz FM communications.

WA5YTI will remain Mid-Okla. Repeater's official club call letters after July 1st assignment of WR3??? for equipment maintained at Oklahoma County Red Cross.

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(The following report is submitted by WA5LTM who acknowledges WA5AOB as his major source of technical information...)

The Mid-Oklahoma Repeater Association approved unanimously at its regular meeting of January 8th, 1973, a motion to establish a second club repeater on 146.07/.67 Mhz. Since that time, two problem areas have hampered the final activation of this second repeater for use by our 140+ membership: (1) Access to the WKY-TV Tower, and (2) reliable volunteers to complete the construction and testing of various circuit boards associated with the control of the repeater system.

This brief status report is not intended as another installment of sour grapes. Rather, it is hoped that a clearer understanding of the present status of the 07/67 project, and the specific areas of volunteer assistance may lead to the completion of the system.

What has been done successfully to date: Club funds have paid for the following major items of the 07/67 repeater-- a GE solid-state receiver with crystal and power supply, ready to receive (value: \$300)-- a GE (also new and also valued at \$300) transmitter strip with crystal, but without power supply-- two DB-224's, the antennas for the repeater (cost \$360). Thus the Mid-Okla. Repeater now possesses some \$1100-\$1200 of high-quality repeater equipment, paid for through member dues.

Through Wayne Hogan, trustee (WA5AOB), the Morse Code Identifier and Tone Control Boards have been prepared. WA5LFW is completing the audio-mixer circuitry to connect receiver audio to the transmitter input.

What Remains to be done: Clarence Blackstock, WA5ACX, will likely report to the club meeting June 5th about his efforts to gain WKY approval to locate the system on Channel 4's tower. Clarence indicated at the meeting of May 8th that he would give the club such report. WA5ACX has been pursuing this matter through his connections for over 10 months.

The task of building a transmitter power supply has been re-assigned to WB5EMI who recently volunteered to take on the project.

According to my understanding of Wayne's explanation, the major outstanding area yet to be taken on concerns "inter-connection" of the 6 or 7 circuit boards which will control the repeater. These boards are, or will soon be, completed-- the task remains to bring all of these dozen or some items together into a functioning unit.

Additionally, an experienced, mature tower crew will be needed to install the system or work with those authorized by WKY to install the system.

Two Modest Proposals on Finishing the Job (1) Designate a Project Director with perhaps two assistants who will present the Trustee with a functioning integration of the some 12 units as interconnected, tested, and ready for placement. The Director will be given a liberal budget to allow building or buying remaining items. (2) A demonstration, tangibly, to WKY that 07/67 merits gratis tower space-- this would include soliciting supporting letters from officials of Red Cross, EOC, Cancer Society, etc. of past record of public service activities with indication that increased range will improve public service potential. The club should also consider volunteering 20 mobile and walkie-talkie units for 1973 "Stars and Stripes" Show which is sponsored by WKY as major nationally televised production.

It is hoped that sufficient members might volunteer for one or the other proposals to finish the 07/67 repeater project.