

Central Wisconsin Repeater Association, Inc.

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March 2003

Baraboo 28/88 - WR9ABE

Madison 34/94 - WR9ABE/MSN

Annual Meeting March 29, 2003

It will be held at Leystra's Venture Restaurant, 200 Phillips Blvd, Sauk City. 12 noon lunch, with the meeting at 1:00 pm. It is the same location as last year's meeting.

The President's Report By Ken Dixon, W9XM

AN UPDATE OF THE 28/88 REPEATER SYSTEM After 20 plus years the aging Motorola repeater started developing several unrelated problems; intermittent loss of power, shorter and shorter PA tube life, and decreased receiver sensitivity. Further, due to it's vintage, repair components are becoming increasingly difficult to obtain. It became quite apparent that the repeater needed to be replaced. We are all indebted to Don Michalski, W9IXG, who made arrangements for us to obtain a much newer all solid-state repeater, which had recently been retired from service at the DNR. It appears to be of low hours and in excellent condition. Ralph and Matt Orr N3IVK installed it and after some additional fine-tuning, we are up and running with repeater performance meeting commercial service expectations. The new system is a Glenayre (Canadian) Model 90 driving a Glenayre Model 95 70 Watt solid-state power amplifier. The increased

sensitivity has mandated the activation

of the PL (tone coded squelch, tone 3X at 123.0 Hz) function. This eliminates the irritating random keying caused by both stations using the Chicago system and the noise still present in the vicinity of the tower. The 34/94 system was also placed in the PL mode to avoid the interminable inter-mod present on the west side of Madison. For those of you wanting to add the PL function to your older transceivers, Amateur Electronic Supply in Milwaukee, sells the Communications Specialists Inc. Model SS-64 and SS-64DS tone encoders at a very reasonable cost. Attention will now be focused on the receiver voting system, which currently is disabled. We will keep you updated on the status/progress. Annual Meeting: I stopped in at the restaurant and made the reservations, so don't forget to attend the annual meeting.

Election Results

No ballots are being sent out and no election is being held because only Ken and Ralph received nominations and there are only two vacancies are to be filled.

Treasurer Report By Tom Luck, WB9BPS

Balance of \$2789.89
As of 3/9/2003