

N.O.R.M.A. NEWSLETTER

THE NORTHERN OHIO REPEATER ASSOCIATION, INC.

P.O. BOX 562, GATES MILLS, OHIO 44040

November, 2003

NEW MEMBERS:

KC8TBD, WA8ZWO, KC8LYH,
KC8CMI, WB8AJE, W3YQX,
KC8TBB, KC8VRB

RENEWED MEMBER:

K8LP, K8CP, K8VZX, W8WGO,
WA8GOI, W8ADV, W8VRJ,
K8BXY, WB8PHH, KC8ONS, KA8LOF,
KC8BFX, N8WJZ, K8OFI, W8DLG,
N8UPZ, WD8NRW, WB8ROK,
KB8TZU, KB8DX, K8FCM
(FORMALLY WD8IYN), N8MZJ,
WB8GED, N8GLU, AB8Z, K8SJV,
KB8BLF, W8LSQ

MEMBERSHIP: by WA8TPP

Welcome as a new members, KC8TBD, WA8ZWO, K8CMI, KC8LYH, W3YQX, KC8TBB, WB8AJE and KC8VRB. If you hear them on say HI and welcome to the group. We want to thank all those that financially supported our efforts on the maintenance of the Newbury and Chardon machines. Your generous contributions are greatly appreciated. For those of you who haven't made a donation recently, the date of your last contribution is on the mailing label. If I have somehow missed in mentioning someone making a contribution I am sincerely sorry and if you let me know I'll put it in the next newsletter.

NETS: by WA8TPP

Geauga County Public Service,
Emergency and Weather Net, Monday,
9:00 PM, 147.015 MHz.;
Swap-N-Shop Net, Tuesday, 7:30 PM,
147.015 MHz.;
Lake County ARA Net, Thursday, 7:00
PM, 147.210 MHz.;
Handi-Ham Net, Thursday, 9:00 PM,
147.015 MHz.;
Trivia Net, Daily, 9:00 AM, 146.940
MHz.
Satern Net, Tuesday, 7:00 PM, 146.82
MHz.

Please support all the nets on the band as if we don't they could disappear along with the frequencies. Use 'em or loose 'em as they say. If there is a net you would like me to list just drop me a note via e-mail or snail mail or call me and I'll be glad to list it in the next newsletter. I know there are many more that are not listed.

REPEATER OPERATION:

by WA8TPP

As everyone knows, the Newbury repeater has had a problem of cutting out for no apparent reason for a long time. The problem was difficult to find since every time it was removed for testing, it worked just fine. It operated for extended periods on the bench without fail and it was starting to give us fits. The last time it failed it was noted that the repeater operated fine on battery power but when returned to line power it failed again. With that information that it worked OK with lower voltages, a DC switch on the transmitter board was checked again and the resistance reading were somewhat out of specification. It was decided to replace the device and during the replacement a cracked resistor was noted. That was then replaced. With these replaced parts the repeater appeared to operate OK. The repeater was returned to the rack and when plug in and testes the final in the repeater failed. It was then noted that the line voltage was almost 130 v.a.c. Out it came again and the final was replaced and when returned to the rack with a variac in line to reduce the line voltage to 110 v.a.c. it worked fine and continues to do so. I think we got it finally. Please keep you fingers crossed.

Sometime later another problem was encountered with coverage on the west side of the antenna. Apparently there is a problem with the antennas on the west side of the tower. As you may or may not know there are four (4) antennas, two

(2) and the east and two (2) on the west side. The antennas are connected through three (3) power dividers,. One splits the power to the east and west sides and the other two to the upper and lower antennas on each side. So, there can be a problem with the first power divider or the one routing the power to the upper and lower antennas on the west side of the tower. We will have to hire a tower climber to go up and investigate the problem by taking various measurements and then replacing the faulty part. We do have spare power dividers but should it be an antenna then that will present a real problem as we don't have replacement antennas. These antennas are custom built and tuned for 147.015 MHz. and are not stocked. They are expensive too. Hopefully we can schedule the club sometime during November. All depends on the weather.

WEB SITE: by WA8TPP

We now have a new website for this repeater. It is: www.normaweb.org. Please check it often for any information and the latest newsletters.

Your directors,
W8NIE, Norb, Director Emeritus
W8OKE, Ed
KA8YNO, Ron
WA8LOB, Nick
N8EQT, Ray
WA8TPP, Dick

Information for the newsletter may be sent to:

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PS We got the antennas repaired. It was the primary power divider. Repeater now working great.