

LRRA Technical Committee Report 2023

A big thanks to our technical committee members Bob N1EUN, Lee K1VZI, Ralph KC1RWK, Paul AC1DW, and our newest member Larry NE1S.

Ralph KC1RWK fixed our weather station and is working great connected to APRS/website.

Paul AC1DW rewired the 12 volt power on the repeaters cabinet with ground and new fuses.

We replaced emergency backup generator 12 volt starting battery and battery charger. We also performed annual maintenance, oil, filters, and spark plugs.

We sent the 2 meter 250 amp back to Henry Radio for replacement of transistors with realignment.

Lee K1VCI continues as our awesome weekly net control while donating printing, i.e. business cards, event posters, etc.

He will begin in November our monthly emergency preparedness net.

We upgraded Bob N1EUN launcher for field day antennae erections.

We received from Jeff N1SNR 146.085 frequency pair and coordinated it 12 miles to the west to the new location on New Durham Ridge.

Obtained DR2X Yaesu Repeater under discounted promotion for the association new 146.085 repeater pair on New Durham Ridge to be coupled with new Arcom controller and cable to allow multi-mode operation (analog with link to 147.03 and stand alone as C4FM repeater)

Larry NE1S and Ralph KC1RWK helped repurpose a commercial, rugged antenna Radom for service as 2 meter/70 cm antenna on Mt. Row. The antenna was then installed on Mt. Rowe to replace the older, less rugged antenna by Ralph, Paul, Larry, Frank and Brian.

Ralph and Larry also revived a 224.0200 repeater on New Durham Ridge.

Ralph KC1RWK has developed and produces the rebroadcast of the weekly ARRL news-line as well as helping with the website. He also recorded 30 second public service announcements that's now broadcasting on 8 local radio stations (and on our website as well).

Sincerely,

Frank W1WU

Co-Chair Technical Committee

