



JULY 2016

News & Views

N4LNR



**Serving Amateur Radio
In Caldwell County**

**P. O. Box 3276
Lenoir, NC 28645**

Next LARC Meeting

Thursday, July 14
7:00 PM

Gamewell Fire Dept.
2806 Morganton Blvd SW
Lenoir

LARC Weekly Net

Friday, 9:00 PM
146.625 Minus 94.8
Alt 147.330

Caldwell ARES Net

Sunday, 9:00 PM
147.330 Plus 141.3

DMR Digital Net

Tuesday 8:00 PM
Lenoir Local DMR

Let's Talk About What We Did Right/Wrong ~ Field Day 2016

The presenter for the July meeting had to reschedule. In the event a replacement presenter cannot be arranged, we will take the opportunity to talk about the "good and bad" of Field Day and discuss where we need to go as a Club for the rest of 2016. Come prepared with your ideas for the Club and what you would like to see as programs for final four regular meetings of the year.

A brief business meeting will follow.



President's Comments: Taking Radio on the Road



Every summer, my family and I go on vacation to the beaches of either North Carolina or South Carolina. Most of the time, I do not bring along anything related to radio but in the last couple years I have been working to take my station on the road. I enjoy talking to some folks that I usually would not get a chance to normally and operating from a new place.

My normal setup is a pretty simple one. I typically take my two handhelds both Analog and DMR. Before I leave, I look on radio-reference.com and research all of the repeaters local to where I am heading. I have a Baofeng radio, so I fire up Chirp and add the new frequencies into the bank.

After unplugging the radio and testing a couple of the Lenoir repeaters to make sure everything is working, I am good to go. The DMR radio is usually much easier. The NC PRN network has made it pretty simple. Since there is a great network of repeaters, no programming is necessary if you stay within a few states area. All I need to do is change my zone to one of the local digital repeater in the area and all of the same talk groups are available to me. It is amazing that we have this system available to us as it gives even the technician a way to talk all the way back home via repeaters that are geographically diverse.

I have had many interesting conversations with locals on my travels. They are often the ones that know the most about interesting things to do in the area and they always have the best recommendations for local eating-places. As I sit here at the beach this week with my family I want to step my game up for next year.

My plan is to get a small HF rig that I can take with me on trips. This would allow me to reach out to farther places and different areas of the world. Possibly one that only does QRP to reduce the size and power requirements. I have been looking at picking up the Flex 1500 and using it with a small computer. A small antenna that was well matched to the bands I wanted to work so I would not need a tuner would help complete the system and give me a no fuss small package to get on the air.

Spending time at field day last weekend gave me the inspiration that ham radio can happen anywhere. In a small amount of time, our group setup many different stations and operated on them for a 24-hour period. On a small scale each of us could take a station with us when we travel. And although we might not operate for 24 hours or contact hundreds of stations we can still have fun and meet people from all around the world. Plus we have the added benefit of getting practice setting up and breaking down our stations regularly which prepares us should we ever have to in a disaster.

My challenge to you this month is to take your station on the road and operate! Maybe it's just a hike to the top of Hibruten or if you're like me it's a vacation with your family or friends. Setup and play radio in a location that is not your usual and you may be surprised with how much fun you have. Who knows whom you might meet and get to talk to? Someone might see you with your radio and ask you what you are doing? Maybe you get a chance to spread the hobby we all love to someone who does not even know it exists.

7 3 Tanner

Looking Back: Thirty Years Ago ~ July 1986...

The July 1986 newsletter of the newly formed Lenoir Amateur Radio Club began with the editor lamenting the need for information to fill his column "News, Views, Ramblings". Something I can relate to as I contemplate each issue of the Newsletter 30 years later. The editor settles into reflecting on what was important to him in the hobby of amateur radio over his 30 plus years as a ham. I won't summarize here his thoughts, but I encourage you to go to the Club website where I have posted the 1986 newsletters and read his column. I'll give you a hint--it all boils down to FRIENDS that you make in the hobby. Enjoy his reflections.

James N4NIN upgraded to Advances, Susan KB4SFY (now N4OJN) upgraded to Technician, and the Club welcomed a new member, Tom Land KA4HKK. The editor is compiling a Club roster to publish with the August newsletter.

The Constitution and Bylaws are scheduled for vote for final acceptance at the July meeting. The Breakfast Club planned to meet at the new Shoney's Restaurant and several members made plans to attend the Asheville and Shelby Hamfests.

Note: You can read the complete July 1986 Newsletter at <http://n4lnr.org> under the heading Newsletters.



Did You Know? LARC got 2 hits in the July ARRL NC Section Manager's Newsletter. One for the great Field Day pictures by Brian KM4KIS and one for the great space provided by the Caldwell Journal, both online and print versions, for the LARC Field Day event.

A stunning time-lapse video of capturing the sun by NASA's Solar Dynamics Laboratory over a 5-year period. <http://www.dailymail.co.uk/sciencetech/article-2950009/The-incredible-video-reveals-five-YEARS-watching-sun-Nasa-s-Solar-Dynamics-Observatory.html#v-4045844472001>

Field Day 2016 in Pictures



The day began with the arrival of the Club Communications Trailer towed by Tanner KK4SZI and directed into position by Mark K9FWA.



Caldwell CERT members quickly went to work erecting the County Emergency Shelters that housed radio operations, dining, sleeping, and gathering.



Ken Teague conducts a training session on setting up the climate-controlled Emergency Shelters, generator and emergency lighting.



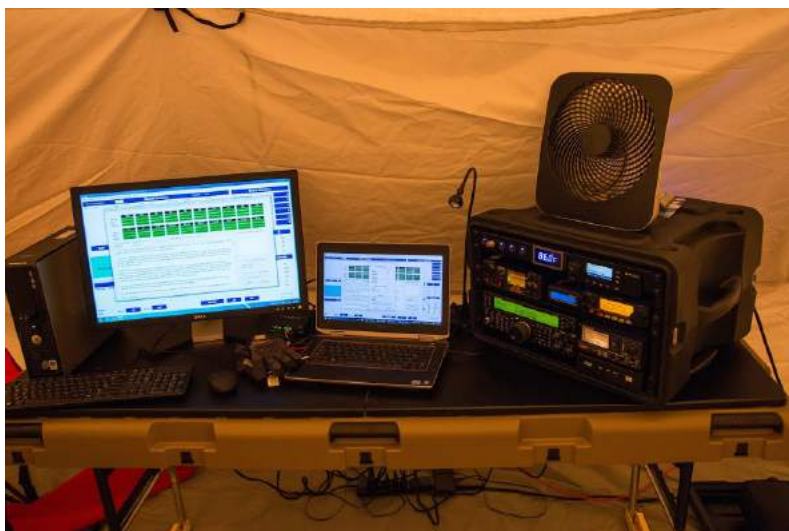
Thanks to Emergency Mgt Coordinator Ken Teague and the Caldwell CERT members who volunteered to setup and tear down the Emergency Shelters, Generator, Lighting and Canopies: Mark Barrera, Sherri Bogdan, Steve Bogdan, Joey Holsclaw, Lissa Holsclaw, Phyllis Huntley, Ted Huntley, Irv Kanode, Shirley Kanode, John Simms



Antenna building and radio station setup go hand-in-hand. With a lot of help and temperatures climbing into the 90s, November 4 Lima November Romeo N4LNR 4A NC went “on the air” at 2:00



Tanner KK4SZI, digital station captain, erects a homebrew 80-40-20-15-10 meter antenna with help from Scott KC4SWL, Mark K9FWA, Ro K4HRM, Gary K3OS and Brian KM4KIS.



Tanner KK4SZI radio setup is waiting for 2:00 pm! He is using his “go kit” for Field Day operation.



Tanner KK4SZI gives Brian KM4KIS a big thumbs up when they capture a needed state!



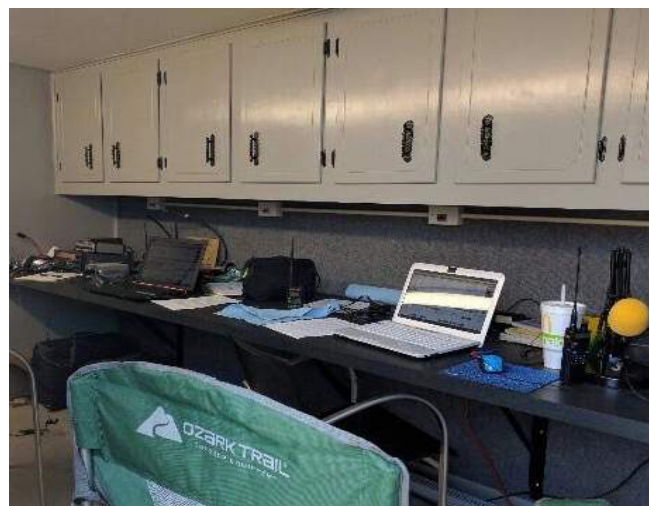
Scott KC4SWL shows Jeet KK4CCA how his antenna launcher operates as he waits to shoot a line for Tom KA4HKK's G5RV antenna for the CW station.



Dalton WZ2M and Scott KC4SWL help Tom KA4HKK erect the tri-pod base for his G5RV antenna with 160 meter radial for operation of the CW station.



Tom KA4HKK watches as Dalton WZ2M and Jeet KK4CCA attaches an antenna mast to a light pole. "How about using duct tape?"



Tom KA4HKK works the key to find another contact.



When CW was dead on their assigned bands, Gary K3SO and Scott KC4SWL tried a little voice contact at the CW station.



Ro K4HRM and John N4LBX shared antenna space on the Club Antenna Trailer, mounting a Hex Beam and a G5RV for their voice stations.

My apology to John N4LBX, no photos of his radio station were available.

Preparing to raise the pneumatic mast on the Club Antenna Trailer are Tanner KK4SKI, Dalton WZ2M, Jeet KK4CCA, Ro K4HRM, Mark K9FWA and Gary K3OS. Each had a handful of wires!



John N4LBX and Gary K3OS mount a Hex Beam and Rotor to the top of the mast on the Club Antenna Trailer.



Warren WU3Y and Greg KC4FM get contest points on Solar Power as Lorenzo K34NSW and Dick K0CAT watch. Ro's station ran on Solar Power provided by Dick K0CAT for the majority of Field Day.



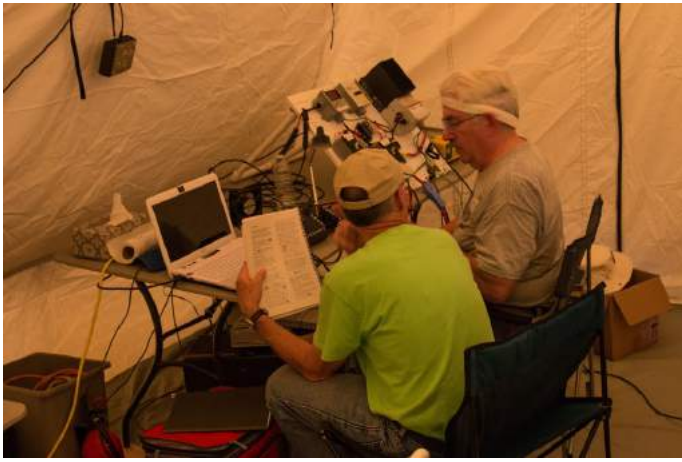
Ro K4HRM seeks contacts at her station, fueled by Cheezits.



Josh N4JDE and Dalton WZ2M keep at it.



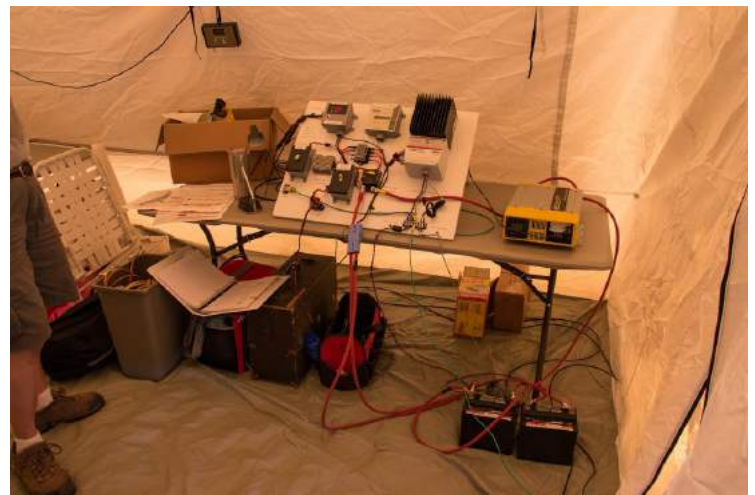
Josh N4JDE looking for QSOs in the wee hours.



Gary K3OS and Dick K0CAT adjust the Elecraft KX3 transceiver. Dick is using this unit for QRP on solar power.



Mark K9FWA assists Dick K0CAT in setting up 20-meter Buddy Pole Antenna for QRP on Solar Power.



Dick K0CAT built a solar unit to power a radio station for Field Day. Ro K4HRM operated her station on solar power for a significant portion of Field Day.

Mark K9FWA looks on as Dick K0CAT fires up the solar unit. "Does it work?"





Did someone say PIZZA? Josh N4JDE enjoys a break and nourishment. Gary K3OS follows his

Hams always line up for a good meal at Field Day!



Safety Officer Dick K0CAT inspects Antenna Trailer stability prior to mast being raised.



Tanner KK4SZI demonstrates ham radio to potential member of the hobby.



Night falls over the LARC compound.

Herman N4HWK watches Josh N4JDE operate. Later, Herman took a turn at the radio.





July 2016 Basic CERT Class



Description: Community Emergency Response Team (CERT) is a free, voluntary program created by FEMA that encourages members of our community to be prepared in any emergency. Using the training learned in the classroom and during exercises, CERT members can assist themselves, their families, and others in their neighborhood or workplace following an event when professional responders are not immediately available to help. Individuals, groups of friends and family, and organizations are all encouraged to join us!

Location: Training Room, 3rd floor, Caldwell County Health and Human Services Building
2345 Morganton Blvd SW, Lenoir, NC (Park and enter at the rear of the building.)

Registration: Send an email to caldwellcountycert@gmail.com with **your name, address, phone number, and email address**. Note if you are attending as a member of a group such as an employer group, civic group, church, etc.

Dress comfortably. Bring your own water or soft drinks and snacks. Training manuals will be provided. There is no charge for this class. To learn more about us, go to our web page, <http://caldwellcountycert.com/>.

Time - Date	Topic	Instructor
6:00-9:00 PM Tues 7/19/2016	Unit 1: Disaster Preparedness Unit 6: CERT Organization	Rosemary Hall Shirley Kanode
6:00-9:00 PM Thurs 7/21/2016	Unit 3: Disaster Medical Operations - Part I Unit 4: Disaster Medical Operations - Part II	Kenny and Rosemary Hall
10:00-1:00 PM Sat 7/23/2016	Emergency Communication/Radio Use	Thomas Land and Kenneth Teague
6:00-9:00 PM Tues 7/26/2016	Unit 2: Fire Safety and Utility Controls Group Exercise	Shirley Kanode
6:00-9:00 PM Thurs 7/28/2016	Unit 7: Disaster Psychology Unit 8: Terrorism and CERT	Shirley Kanode
10:00 AM-1:00 PM Sat 7/30/2016	Unit 5: Light Search and Rescue Operations (Outdoor exercise. Wear sturdy, close-toed shoes. Bring work gloves and a hard hat, if you have them.)	Kenny and Rosemary Hall



Watauga Amateur Radio Club

Boone, NC

Fellow Hams... WARC is excited to offer for your consideration four items donated to the club as a fundraiser. WARC maintains a number of repeaters and additional projects to enhance our ARES mission.

The first two items are gift certificates donated by the Taylor House Bed & Breakfast in Valle Crucis, NC. These gift certificates can be applied to any services provided by the owners of the Taylor House, Bernard (NCØC/HH2B) and Tessa (HH2BYL) Russo. Each gift certificate is valued at \$174.00. Certificates valid for use/redemption Monday through Thursday only.

Item 3 is a used Kenwood TS-930S-AT donated by David Hooper, N4DE.

- It covers 160M-10M (transmit) and continuous coverage receiver.
- The internal Tuner (AT) does NOT cover 160M.
- Internal 120VAC power supply.
- 400 Hz CW filter.
- No internal keyer.
- No computer interface.
- No microphone.

Similar units are going for \$300 - \$600 on eBay

Item 4 is a NIB Baofeng UV-82 Dual Band FM Handheld Transceiver. MSRP: \$49.95

Bidding will be by sealed bid submitted to the WARC Secretary. The bidding period will be July 1st to August 15th, 2016. Bids are to be postmarked NLT than August 15th. Items will be awarded to the highest bidder for each item. In the event of matching high bids, the item will be awarded based on the earliest postmarked bid. Tiebreakers will be based on earliest postmark. NO e-mail bids.

Please submit your bid on a 3x5 index card, one bid per card per item. Include on the card: The ITEM Number, your bid in USD, your NAME, CALL SIGN, Mailing Address, Telephone Number, and E-Mail address.

Send your bids to: WARC Secretary, D. Hall, WA4UNS, PO Box 395, Sugar Grove, NC 28679-0395

Questions should be directed to Doug Hall at KL7HDF70@gmail.com

June Meeting Notes...

Attendees: Josh N4JDE, Tom KA4HKK, Ro K4HRM, James N4NIN, Susan N4OJN, Dick K0CAT, Mark K9FWA, Irv W4IWK, Gary K3OS, Scott KC4SWL. Guest: Brian Hudson KM4KIS, Christian Riley KB3NCT, Lyssa Holsclaw, JoeyHolsclaw.

Trailer Storage: Tom KA4HKK reported EOC building plan is on hold.

Membership: Brian Hudson KM4KIS and Christian Riley KB3NCT were approved.

Field Day 2016. The remainder of the meeting was devoted to planning for Field Day 2016.

Ham Happenings...

July 16, 2016 Mid-Summer SWAPFEST, Cary Amateur Radio Club, Cary <http://www.qsl.net/n4nc>

July 30 WCARS Hamfest, Western Carolina Amateur Radio Society, Waynesville, see www.wcars.org

September 3-4, 2016 60th Annual Shelby Hamfest/ARRL Convention, Shelby Amateur Radio Club, Shelby, see www.shelbyhamfest.org

September 23-24 W4DXCC DX and Contest Convention with Ham Radio Bootcamp, Pigeon Forge, TN. See www.w4dxcc.com for information

LARC 2016 Officers



Tanner Greer
President
KK4SZI



Josh Edwards
Vice President
N4JDE



Tom Land
Secretary
KA4HKK



Ro Maddox
Treasurer
K4HRM

**Send comments concerning the Newsletter
to Ro Maddox K4HRM hrmaddox@nettally.com
Suggestions and articles are appreciated.**