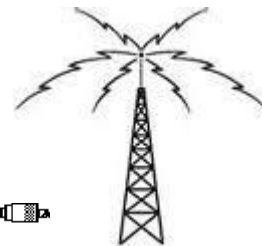




NELARC News

NorthEast Louisiana Amateur Radio Club
June 2018



You are invited to an
Open House @ W5WZ
(Scott Dickson) station
Saturday, June 16 - 11AM 'til 2PM
267 Jim Finley Rd; Calhoun, LA

Hamburgers, Chips, Ice Water will be provided.
Bring anything else you would like to eat or drink
(NO alcoholic beverages!).
Bring your lawn chair.



The station will be available for operation.
Get a close look at contest station design and layout. Ask questions!
You **MUST** RSVP via email to **W5WZ@W5WZ.com**
or by calling Scott at **318-355-2220**
by Monday, June 11, 2018.

Field Day - June 23,24 at Kiroli Park, Shelter 6

Set up: 8:00 am Saturday June 23

On-air: 1:00 pm Saturday June 23 until 1:00 pm Sunday June 24

Tear-down: 1:00 pm Sunday June 24 until complete

Needed: Volunteers! Operators (SSB, CW) Operating coaches, Generator (quieter is better!),
Cook(s) & grill + needed utensils

More discussion at the club meeting on June 5th!

News & Such:

The annual **Armed Forces Day Crossband Communication Test** was held on May 12. Jim, W5LA, made contact with 10 of the military installation stations.

Amateur Radio Parity Act language was inserted in the **National Defense Authorization Act**. Reaction has been mixed. For more information, go to ARRL.org and search for "Parity Act".

News articles are needed (pictures included, if possible)! If you have something to share with the ham community (pictures of your ham station?), Help keep this newsletter going by sending it to: newsletter@nelarc.org.

Next **ARES meeting**: Saturday, June 9, 2018, 9AM at the Ouachita Parish Fire Training Center.

Next Club Meeting:

Tuesday, June 5
6:30 PM

Field Day Planning

Ouachita Valley
Branch Public Library
601 McMillan Rd
West Monroe, LA

Trivia:

The first 'KI5' call, **KI5AAA**, was assigned by the FCC on May 25, 2018.

Who knows why 'KH5' was skipped? Email answer to:

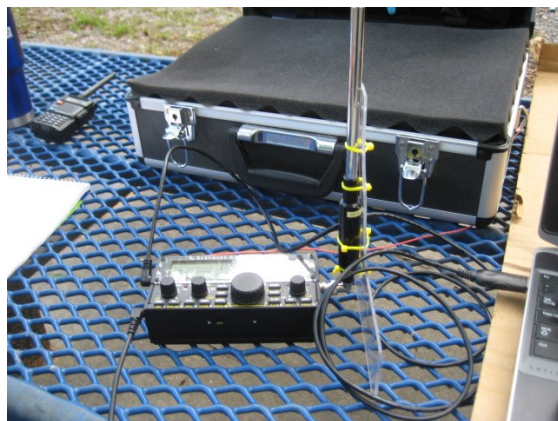
newsletter@nelarc.org

Portable Operation...



Have you ever tried portable operation? It really doesn't take much to give it a try.

On Saturday, May 26, R.C. Conley (WW5RC) and Ben McFarlin (KG5TKE) took a setup to Cheniere Lake Area 1 and operated from a picnic table. They were able to work a couple of stations in Georgia and one in Canada running 10W on SSB.



The equipment was an Elecraft KX2 and vertical whip with only one radial.

Now the plan is to soon make a trip to Poverty Point Reservoir State Park and activate a Park On The Air.



The week of May 20-26 Jim Ragsdale (W5LA) was operating from a KOA campground in San Antonio, Texas. The equipment was an Elecraft K2 at 10 watts to an "almost vertical" 20M ground plane with the base at roughly 14 feet, using three radials.

Jim worked the CWops mini-test (CWT) on Wednesday morning and made 21 contacts. One DX contact with Costa Rica was made while there.

If you like the outdoors and ham radio, give portable operation a try. It's loads of fun!

June Contesting Calendar

Kentucky QSO Party

ARRL June VHF Contest

All Asian DX Contest, CW

Ukrainian DX Classic RTTY Contest

West Virginia QSO Party

ARRL Kids Day

ARRL Field Day

1400Z, June 2 to 0200Z, Jun 3

1800Z, Jun 9 to 0259Z, Jun 11

0000Z, Jun 16 to 2400Z, Jun 17

1200Z, Jun 16 to 1159Z, Jun 17

1600Z, Jun 16 to 0200Z, Jun 17

1800Z-2359Z, Jun 16

1800Z, Jun 23 to 2100Z, Jun 24

For other contests, go to: <http://contestcalendar.com>

N1MM+ Local Area and Distributed Wide Area Networking (for ham networking geeks)

Networking N1MM+ on a local area network is both easy to do and functionally desirable for a multi-operator station.

Did you know that it is also possible and relatively straight-forward to do the same thing over a Distributed Wide Area Network? Why, you may ask? I can think of several reasons: 1) some contests allow distributed operating, such as IARU HQ stations 2) Special events - here in Louisiana we recently hosted the W5L Louisiana Purchase Special Event, and just a few years back the W1AW/5 ARRL Centennial Event. 3) For a contest where one or more participants is operating the rig remotely

N1MM Logger+ networking is automatic within a single subnet, which is usually the case in local area networks. However, if you want to network across a Wide Area Network, or in rare instances where your network involves more than one subnet, auto-configuration will not work. In that case you will need to fill in computer addresses in the "Edit Computer Addresses" table exactly as assigned by the network(s). For WAN networking you must enter the external IP addresses of each LAN and also port numbers for all the computers you wish to connect to, in the format XXX.XXX.XXX.XXX:port number}. The port number is needed to permit operators to set up forwarding through their router firewalls to the right computer. If going subnet-to-subnet, you do not need to enter port numbers and the IP addresses would be the internal IP address.

The details are found on the official N1MM+ documentation site near the bottom of the page. The diagram by N9KT is very helpful. I suggest using it as a pattern to create your own cheat sheet, specific to your network.

<http://n1mm.hamdocs.com/tiki-index.php?page=Network+Status+Window>

Your router must be capable of configuring the proper port forwarding, and your "world-facing" IP address really should be a static IP address. As long as every station's internet router is capable of port forwarding AND can specify the translation between internal and external ports per host, it is pretty easy to set up. Every computer that will be included must have the same version of N1MM+, and must be set up for the same contest with the same configuration for the contest. To learn more how Distributed Wide Area Networking could be set up for a distributed multi-multi contest involving 3 distinct ham shacks with local area networks, click [here](#).

Enjoy!

73, Scott W5WZ