



The QUARAE



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Editor John Lindvay WB3IFD

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It Seems to Me

There are many aspects of ham radio that I enjoy. I like going to ham fests and talking to other hams. I like to investigate local Amateur history. I also like to talk on the radio especially the HF frequencies using AM and SSB. I make an occasional contact on CW. Right now, I am using digital modes, PSK31, JT65, and mostly FT8. I like building kits and fixing old AM/FM radios. I have been on all the bands between 80 meters and 440 centimeters. I have built some homemade antennas, J poles for 2 meters and a double bazooka for 80 meters. When I was in France I used echolink to talk back to Erie.

Some new things I would like to try. I would like to make a contact through a satellite. I would like to participate in hiking or operating portable QRP in some public location. I would like to build a small loop antenna for receiving.

I know there are more aspects of ham radio to try I haven't mentioned. If somebody out there is doing something I haven't mentioned send me some email and I will put in the QuaRae.

When chemists die, they barium.

General Meeting Minutes for 5-03-2018 At Clubhouse:

Began At 7:45 P.M.

Board Members and Officers Present: N3srf-George, K1zik- Ed, N8wxq-Frank, Kb3zvh-Richard, K3plv- Craig, Kc3gbd-Bob, Ad4ul-Doug, Wb3dom- Ron, Kb3jzl- Gene

Members Present: N3srf, K1zik, Ka3cpv, Ad4ul, Kb3daf, Kc3jbr, Wb3ifd, Wa1yjl, Kc3crz, N3dbc, Kc3goc, Kb3nat, N8wxq, K3plv, Kc3dcu, Kb3jzl, N3lbi, Wb3dom, Kb3zvh

Program: ARRL HQ 1935, Trans Atlantic Radio 1921

New Hams: None

Silent Keys: None

Visitors: Kb3ofd- Torry, Wanda Watains

Treasurer's Report: Expenses \$ 77.08 Checking \$ 1758.00

Membership Report: 35 Paid Members, Membership Report to be sent out soon

Facilities Report: Ramp needs sealed, The building needs painted, Front steps need to be removed as they are falling apart and a danger, Need chain at stairs leading to basement.

Repeater Report: Kc3crz Has volunteered to help maintain the repeater. Will need to meet with Kb3thu-Rick to coordinate Transition. We still need more people to help.

Public Service: May 28th Memorial Day Run at Walnut Creek Baptist Church on Route 20 in Fairview Township. Contact Ad4ul-Doug to sign up to help with the run.

Contesting Report: Section 7 QSO Party

Old Business: More discussion on Building Repair

New Business: Field Day Planning, Looking into holding Field Day in a new location in the future

Meeting End at: 8:43 P.M..

Submitted by Secretary Richard Quinn Kb3zvh

I know a guy who's addicted to brake fluid. He says he can stop any time.

Is the internet, millennials or FT-8 killing ham radio?

By Dan Romanchik, KB6NU

Amateur radio bloggers love to write about the demise of amateur radio. To wit, we have: K0NR's [Is the Internet destroying amateur radio?](#) ,

[N0SSC's Millennials are killing ham radio](#) ,

[NZ0T's Did Joe Taylor K1JT Destroy Amateur Radio?](#) Of course, none of these posts are really saying that the internet, millennials, or FT-8 has killed amateur radio. What they are saying is that all of these are changing amateur radio as we know it. Well, duh, the way we live our lives changes every day. Why should amateur radio be any different? For example, Bob, K0NR, discusses how the operation of remote stations is changing the game of DX. Can you really claim that you worked a DX station if you rented time on a superstation? I've written about that [topic](#), too. There has also been much written about how FT8 is changing the amateur radio game. One [blog post](#), talking about the effect of FT8 on 160m operation, even goes so far to say that this is the "end of an era." On DX World, the [results](#) of the poll, "FT8 – Damaging to Amateur Radio?" show more than half of the respondents think that FT8 is damaging amateur radio. I specifically used the word "game" in the previous two paragraphs because that's exactly what's changing. The physics of amateur radio certainly isn't changing. Our transmitters are still generating electromagnetic waves like they have been for decades, and on the HF bands, anyway, those radio waves are bouncing off the ionosphere just as they have been for more than the past 100 years. What's changing is the human component. By that I mean what's changing is how we think people should participate in the hobby. The hams that are complaining that the internet or millennials or FT8 is killing amateur radio are really just complaining that people aren't participating in amateur radio the way they want them to participate. Here's where we talk about millennials. In his blog post, Sterling, N0SSC, suggests that setting up remote stations is one way to engage

young people. He writes, "I believe that remote operating, and other internet-assisted means of ham radio operation, are critical to youth engagement." He's also big on an idea he calls "ham radio hackathons." He writes, "A hackathon isn't a coding competition. It's explained well in this [Medium article](#). It goes even further than that, not limited to coders and engineers, but open to thinkers, doers, philosophers, system engineers, math people, teachers, students, artists, stakeholders... anyone with an interest in solving a problem with technology." I support both of these ideas, but I think that millennials (and, to be fair, it isn't just millennials we're talking about here, but any newcomers to the hobby) need to step up and get these things going. I don't think it's my job to try to get kids interested in amateur radio. I don't even know if that's really possible. What I can do, however, is be there to encourage and support kids (and anyone else that expresses a sincere interest in amateur radio). For example, I'm not sure how fruitful it would be to set up my station to be remotely operable and then saying to some kids, "Hey, come and operate my station." What I think would be more fruitful is to say to a kid, "Hey, come help me set up my remote control station, so that we both can use it." Then, it turns into a learning situation, and we both gain from the exercise. The same kind of thing has to happen with ham radio hackathons. The motivation has to come from the ground up, not the top down. I do hope that this idea gets off the ground, though, and I'm standing by, ready to support this effort however I can. I think that millennials (I'm really getting tired of that term, by the way) need to grab the bull by the horns and take amateur radio in the direction they want it to go. Feel free to kill amateur radio as we know it. Make it better! -----
---- When he's not trying to figure out how to save amateur radio, Dan builds stuff, blogs about amateur radio at KB6NU.Com, teaches amateur radio classes, and operates CW on the HF bands. Look for him on 30m, 40m, and 80m. You can email him about what you think is killing amateur radio at cwgeek@kb6nu.com.

An Email

From: Len Stefanelli <n8ad@roadrunner.com>

Sent: Tuesday, May 22, 2018 10:12:35 PM

To: jlindvay@msn.com

Subject: N8AD EchoLink DTMF connects Hi John my name is Len / N8AD Yes. You can connect to distant EchoLink nodes using your HT or Radio with DTMF codes. EchoLink as it was designed, is capable of connecting the way you want it to work.

The main problem is...Do the people that own or are in control of the system you use, want you do what you want to do?. Mostly some people want to "Rule the World". but as Jonathan k1RFD wrote the software it works like this...

1... Set your radio to the repeater frequency pair as you normally do...

2... Be sure no one is already using it (since you've been a ham since 1977 you know all this already.)

3... You need to know the node number for the distant EchoLink node you want to connect to.

For example: My node N8AD-R repeater number is 54056

4... If you wanted W3GV-R to connect to N8AD-R you would key your RF Transmitter and send 54056 using your Touch Tone Pad.

5... As soon as you have transmitted 54056 over the air, you would UNKEY and Listen on your Receiver.

6... If the code was correct and that node was active on the EchoLink Servers it will try to connect.

7... All the operations EchoLink does are spoken back over your receive frequency, for example:

"CONNECTING TO N8AD REPEATER."

"N8AD-REPEATER NOT FOUND"

"N8AD-REPEATER CONNECTED"

8... If you hear "N8AD-REPEATER CONNECTED", you were successful !

Now here is where the problem lies...Some node owners don't want you to use this feature...If the distant repeater does not want these connections to be made you will hear EchoLink say...

"ACCESS DENIED"

Nothing you can do about that. They pay the bills.

Possibly W3GV doesn't want you to use this great feature. If that was the case the club can disable it.

Or maybe they only want paying club members to use it like W3HLM for example...They can make a secret code that precedes the node number...For example it might be C54056. C is the secret code... whatever they choose... maybe AABBBCCC54056 is the secret code. If there is a secret access code, only the club can tell you what it is. Or you can try and guess it.

If you are successful in connecting and you have a QSO you will need to disconnect from their node. Usually it is a simple # (pound) DTMF code and EchoLink will announce "DISCONNECTED"

You don't want it to sit there connected. (Hopefully it will time out - if the owners know how to set it)

There are other ways to connect. For example: you only know their callsign. You can get more help from the internet. N8AD



Ham Radio Calendar

June 2 – Donut Day

June 2 - Kentucky QSO Party. See

www.kyqsoparty.org

June 2 - Rochester Hamfest. See

<http://rochesterham.org/hamfest.htm>

June 2 - Western Pennsylvania Section Convention
(Breezeshooters Hamfest).

See <http://breezeshooters.org>

June 5 – Corry Amateur Club Meeting

June 7 – RAE Club Meeting

June 7 - NRAU 10-Meter Activity Contest. See

www.nrau.net

June 12 – Wattsburg Wireless Club Meeting

June 14 – Union City Wireless Club Meeting

June 14 – Flag Day

June 16 – VE Session

June 16 - West Virginia QSO Party. See

www.qsl.net/wvsarc

June 16 - Kids Day Contest. See

www.arrl.org/kids-day

June 17 – Father’s Day

June 18 – Conneaut Radio Club Meeting

June 23 - ARRL Field Day. www.arrl.org/field-day

