

THE WIRELESS

Published Monthly by the Iredell County Amateur Radio Society

NEW WEB PAGE PLANNED

Next Meeting

The next meeting is at 7pm on April 14th. It will be at Mitchell College Technology and Workforce Development Center Room 205, 701 West Front Street, Statesville.

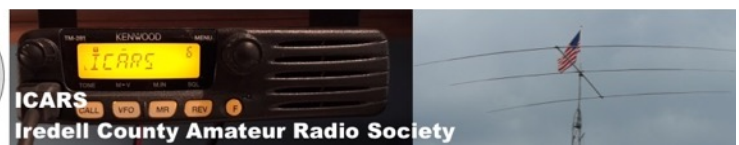
April Program

The April Program will be a video by KE0OG on Radio Frequency Generation and Safety.

May Program

The May Program will be by the Field Day Committee on what can we copy from other clubs Field Day operations?

(the Wireless is 5 pages this month, be sure and read to the end)



W4SNC.org

The Web Committee is working on an upgraded web page. It will be live shortly at w4snc.org. The Executive Board is trying to migrate some information from email to webpage. As you will hopefully see, a lot of information about what we are going to do, what we do, and what we have done will now be available to you there. This is a work in progress, so Rick and Buzz, the webmasters, are interested in your comments and suggestions. We will demonstrate some of the features at the coming meeting. See you there!

VE Team Exam 16 April

The Iredell VE Team will be providing an examination session on 16 April at Mitchell College in the Continuing Education Building. This is the building next to the Technology Building where we have our meetings. It will be in Room 10 from 12 noon until 1500. This would be a good time to upgrade to that General or Extra Class ticket!

2nd Quarter Board Meeting

The Board met for its second time on April 2nd. The approval of the membership and the new webpage were the focus of the meeting.



April Birthdays

Rick McClure KE4TEP 4/22

Lee McClure KE4ERH 4/16

My dad (KE4ERH) got me started in radio back in the Citizens Band days. Dad and some of his friends were members of Iredell County REACT. Dad and I both have always been interested in public service. Dad's FCC call was KHO3341 back in the day. We worked coffee breaks out on I-40 in the west end of the county from time to time. As fate would have it I followed my dad's lead and became involved in Amateur Radio and got my first license over 20 years ago. I am amazed how the radio community both back in the old days and currently have always been there to lend a hand or give some advice. I have always believed the amateur radio community should be willing lend a hand in our local community as the need arises. I would like to thank all of those Elmer's especially my dad for the good advice and for teaching me what this hobby is all about.



ICARS shows off at school

Three members of ICARS went to the Woodlawn School in Mooresville on the 24th of March and put up a booth at their "Family Science Day". Johnny KC4KQC, Jimmy N4SZF, and Buzz KD3QO erected a 2 meter antenna, connected a "go-box", demonstrated communication, and talked about many aspects of Amateur Radio to students K-12, teachers, and parents.

The kids were intrigued with the young age that they could be involved in ham radio and that it could be as exciting as communicating the International Space Station. The emergency preparedness was another great opportunity to talk about, and the kids got it! These were some intelligent kids. They could really help move our hobby into the next generation as well as help launch them into a valuable career in some field of technology.

Johnny, Jimmy and Buzz also talked to a parent who is planning on launching a high altitude balloon, and science teachers who were interested in possibly getting some students to take an exam. (article by Jimmy N4SZF)



Joe Shierer

Back as far as I can remember, I was always interested in Radio. One of the best gifts I ever received as a youngster was a set of Walkie Talkies. CB Channel 14, a whopping 40 Milliwatts - but when you normally never went further than a block from your house, they worked just great! As a Teenager, I did manage a 3 watt Lafayette CB Handheld. I had a CB antenna on the roof, so as long as I had batteries, I was on the air! The cost of a 12 volt power supply was out of my reach at that time. Unfortunately, I never ran into another Ham, so though I had the interest, I had no easy path to becoming a Ham. When I was in my mid 20's, I wanted to purchase a shortwave radio. Sad to say, my peers at the time made me feel like I must be a bit strange to want to listen to Shortwave. I never did get a shortwave set until much later in my life. When I was in my early 40's I bought a Radio Shack Scanner. A friend (a good friend, this time!) suggested I might want to listen to a Net on the 2 meter Ham band. Well, after listening a few times, I wanted to join in, so I got my Ticket. Once I became a Ham, I made many friends, and joined a local club, where I went on to serve on the Board, and later serve as Treasurer. I was a member of Nassau County Ares, and even served as an EC for a short while. When I moved to Mooresville in 2012, I looked up the clubs in the area, and ended up contacting Howard. Although it took me over a year to finally join - here I am!

Charlotte Hamfest

ICARS had a booth in the flea market at the Charlotte Hamfest. A number of members and past members were seen and talked to. In addition we were able to sell about \$550.00 worth of Idle Equipment. Overall a fun and educational couple of days! How much did you buy?

Field Day is coming

While it is still a couple of months away, you should be starting to think about things that you need to be preparing for the upcoming Field Day. One thing that you can do now is download the latest version of the Field Day logging program: **N3FJP Field Day 5.0**. You can download it at <http://www.n3fjp.com/fieldday.html>. Don't forget to make a list of all the things you want to bring to Field Day so you won't arrive and need something to get on the air.

Some links and info

This last few months a number of emails have crossed my desk that have been forwarded from ICARS members that look interesting and should be forwarded. Also, we have received an email from a vendor. This company has gotten good reviews and I am passing on the salesman's address and the link to the company website without recommendation.

If you see something that is pertinent to members of ICARS and would like to pass them on, please send me the link, and I will add it to the Wireless, or publish it to the members some way. Links are better than the pdf articles themselves, since many are larger than the Wireless to start with. (Article by Buzz KD3QO)

Links:

- Interesting article about Heathkit's product designer, with lots of pix to bring back fond memories for those of us who lived the Heathkit lifestyle. -provided by WIHO*
<http://swling.com/blog/2016/03/stuart-sizer-heathkit-designer-dad-and-bon-vivant/>

(continued on page 4)

- *Podcast from Popular Science Magazine - provided by WIHO*
<http://icqpodcast.com/news/2016/3/6/popular-science-magazine>
- *Ham Radio Operators Have Been Design Engineering Innovators - provided by WA4NIZ*
http://www.designnews.com/author.asp?section_id=1386&doc_id=279513

Battery Vendor:

- *Bioenno power - provided by **Steve Huang** steve.huang@bioennopower.com*

<https://www.bioennopower.com>

Events in Radio

- ★ April 1909: [Charles David Herrold](#), an electronics instructor in [San Jose, California](#) constructed a broadcasting station. It used [spark gap](#) technology, but modulated the carrier frequency with the human voice, and later music. The station "San Jose Calling" (there were no call letters), continued in an unbroken lineage to eventually become today's [KCBS](#) in San Francisco. Herrold, the son of a [Santa Clara Valley](#) farmer, coined the terms "narrowcasting" and "broadcasting", respectively to identify transmissions destined for a single receiver such as that on board a ship, and those transmissions destined for a general audience. (The term "broadcasting" had been used in farming to define the tossing of seed in all directions.) Charles Herrold did not claim to be the first to transmit the human voice, but he claimed to be the first to conduct "broadcasting". To help the radio signal to spread in all directions, he designed [omnidirectional antennas](#), which he mounted on the rooftops of various buildings in San Jose. Herrold also claims to be the first broadcaster to accept [advertising](#), although advertising generally involves paid announcements. He exchanged publicity for a local record store for records to play on his station.

From the **ARRL Contest Update** for Mar. 23, 2016:

Roger, er, Correct!

Eric, K3NA, points out "In commercial communications (military, marine, aeronautical), R (or 'roger') simply means 'I received your transmission.' C (or 'correct') is used to answer a question in the positive... I know many hams use 'R' to stand in for 'okay' or 'correct' -- but it really isn't proper and can be confusing. To the extent that contesters, as highly competent radio operators in demanding circumstances, may be called upon to assist in communications emergencies, we should develop the discipline to use the prowords/prosigns that we will find on other radio circuits." — *provided by WIHO*



2 meter net every Weds @ 9:00pm Local 146.685 -600 77Hz tone

75 meter net every Sat @ 8:30pm Local 3.972Mhz USB

2 meter Digital Net every Sat @ 7:30pm Local 147.510 Simplex PSK31

2 meter ARES Training net every Mon @ 7:30pm Local 146.685 -600 77 Hz tone