

THE WIRELESS

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W4SNC.COM

Next Meeting

The next meeting is at 7 pm on April 13th. It will be at Mitchell College Technology and Workforce Development Center Room 212, 701 West Front Street, Statesville. For directions, see our WebSite at W4SNC.com

April Program

The April Program will be ARES basic Training.

(the Wireless is 4 pages this month, be sure and read to the end)



April Birthdays

Rick McClure
Lee McClure
Joe Schierer

New URL for W4SNC

Our Web page has been moved to a new provider, and we have switched the URL to W4SNC.com. Please make note, and change your bookmarks to the new site! Look for changes in the coming months.

Field Day 2017

The Field Day Committee announced to the ICARS Board that this year's ICARS Field Day will be different than in the past. There will be more emphasis during Saturday afternoon on getting the public interest in Ham Radio. They are planning on tours, a GOTA station, an educational event for members and the public, and much more. Invitations to community leaders and news media have been done. In addition, contacting non-member Hams in Iredell is being considered. The committee is also working on ways to earn as many of the optional points. We will be operating 5A again this year with 20m Voice and Digital, 40m Voice and Digital, and 75/80m Voice. The plan is to use mostly dipoles and only one tower! For all the details come to the meeting, listen and talk to the FD committee!!!

Write your Senator!

NC SENATE BILL 364 AND AMATEUR RADIO EXEMPTION – NC Senate Bill 364.

This Bill is known as the “Brian Garlock Act.” The text of the Bill can be found here:

<http://www.ncleg.net/Sessions/2017/Bills/Senate/PDF/S364v1.pdf>

The Bill has been introduced in the North Carolina Senate to curtail use of mobile communications while driving. There is no language in the current draft to exempt Amateur Radio. This is of tremendous concern, much like a similar bill enacted in Delaware without an Amateur Radio exemption. It became technically illegal to operate mobile in Delaware until an Amateur Radio exemption was later added as an amendment.

You are urged to send the following suggested email draft to your State Senator. Time is of the essence. Now is the time to alert your State Senator that an Amateur Radio exemption is needed. Please insert your name and contact information in the draft email (available from the club - email w4snc@arrl.net) and forward it to your State Senator. To find your State Senator, see

<http://www.ncleg.net/representation/WhoRepresentsMe.aspx>

Thanks to Bill Morine, N2COP, ARRL Roanoke Division Vice Director, for providing this information!

Articles from Members

From Howard W1HO:

1. Interested in QSO parties or contests? New England QSO Party will be on May 6th and 7th. If you are interested the rules are here:

<http://www.neqp.org/rules.html>

2. Howard sent me an article that is fairly long, but very interesting connecting Aristotle to Turing and Boole, with respect to logic and computers. This is for anyone interested in the history of computers without the usual technical detail. Very interesting. Here is the link:

<https://www.theatlantic.com/technology/archive/2017/03/aristotle-computer/518697/>

3. Interested in VHF-UHF DX? Or do you want to learn about DX in general? Howard found a site that has a 90's book on DX, the theory of propagation, how to operate in the many VHF-UHF modes, and a number of other concepts. Because it was written in the 90's, the final chapter(s) on transmitters/receivers is a little out of date, but the overall discussion is pertinent. Here is that link:

<http://www.hamblog.co.uk/download-the-vhfuhf-dx-book-for-free/>

Thanks to Howard for keeping us up to date. Don't forget to send in your article and keep the Wireless informational and entertaining!



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

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