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The President's Corner: David KR4OE

As I write this on the first day of April they are talking about snow out in the western part of the state and there is a coastal storm warning tomorrow. Spring is trying to arrive and I am sure looking forward to it. As the weather improves it will be time to do those spring antenna checks and make sure old man winter hasn't left you a surprise with your antennas. It is also a good time to implement those antenna ideas you have been thinking about over the winter. If you do put up that new antenna share your design with us as we are always looking for new ideas.

It is also that time of the year to make sure you are still on the CFARS membership roster. If you are not a life member or have paid for multiple years your dues expired as of January 1 and as of March 31 your call will be dropped from the CFARS roster. I hope you will choose to remain a member of the greatest amateur radio club in the state. I am a member of three clubs here in North Carolina and I can tell you CFARS is first class.

If you haven't tried the 440 repeater please give it a try. I have used it as far north as Sanford and as far south as Elizabethtown while mobile. We are still waiting to work out some logistics with the county before moving the two meter and six meter repeaters. Once moved I think you will be pleasantly surprised on their coverage. The antennas have been procured and are ready to go up as soon as we get the green light.

I hope to see all of you at the meeting on April 15 and at the Raleigh Hamfest on April 20. CFARS will have two tables so if you have an item or two you want to sell bring it up and put it on the table.

See you all at the next club meeting.

73
David KR4OE ... _:_

CFARS Officers

PresidentDavid KR4OE kr4oe@nc.rr.com
 Vice Pres..... Larry N4USB lte67@charter.net
 Sec./Treas..... Chuck KJ4RV kj4rv@arrl.net
 Recorder.....Bill KJ4OFD kj4ofd@arrl.net
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Coordinators

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 EmergencyMike K4JWX k4jwx@outlook.com
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 Repeaters.....Bill KU4W kc4swy@embarqmail.com
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 Field Day.....Vacant
 Health & Welfare... Carl carlbeene@gmail.com
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 SwapfestDavid KR4OE kr4oe@nc.rr.com
 Public Info... Marty W4MLW carolinapretzel@embarqmail.com
 Webmaster.....Steve KI4EZL cfarswebbie@gmail.com

Club Repeaters

(PL 100 Hz)

K4MN
 2 m 146.910/146.310
 70 cm 444.400/449.400

K4MN
 6 m 53.810/52.810

WA4FLR
 2 m 147.330/147.930

Club Membership

Dues

CFARS club membership dues are due and payable in January each year. CFARS does offer you the option to pay your dues no later than March. Yearly dues are \$15.00. CFARS offers a lifetime membership option for \$150.00. If your dues are not paid by March you will not be a voting member of the club. The right to vote on issues for the club comes with club membership. PO Box 36106, Fayetteville, NC 28303



The Cape Fear Amateur Radio Society News is the official newsletter of the Cape Fear Amateur Radio Society. It is published monthly as a PDF. The newsletter is emailed monthly when the latest version is available. Please provide your email address to the Newsletter Editor. The CFARS News welcomes articles and other contributions. Please email submissions to the newsletter to cfarsnews@gmail.com. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's News is the last Friday of the preceding month. The views expressed in the CFARS News are those of the individual authors and do not necessarily reflect the views of the Editor or CFARS.

CFARS Club Patches are available for purchase. Contact **Chuck KJ4RV** for your patch today!



March 2019 Club Meeting Minutes

On March 28th the Cape Fear Amateur Radio Society meeting was held in Room 221 of the Science Building at Methodist University, Fayetteville, North Carolina at 7:30pm. President **David KR4OE** opened the meeting and welcomed all for coming. **David KR4OE** led the *Pledge of Allegiance to our Flag*. **Paul K4PGM** led the invocation. **David KR4OE** led the introductions in the usual CFARS manner.



A motion was made by **George KM4ODS**, seconded by **Paul K4PGM**, to approve the minutes with the following modifications

George's callsign is KM4ODS not KM4ODT and the toboggan from last month's meeting was donated by **Linda KE4BGW** of the February meeting. By vote the motion carried.

COMMITTEE REPORTS:

Treasurer: Chuck KJ4RV gave the Treasurer's report, we have money, made money, and spent money and are still solvent.

Repeater: Ben KM4ODT was not available for the Repeater Trustee report. **David KR4OE** reports that the 440 repeater is at the new site at Highsmith-Rainey Hospital and is doing well. **David KR4OE** then reported he had made several attempts to contact authorities at Methodist University regarding the disposition of the tower and repeaters at Methodist, with no response as yet. He reported we have acquired new antennas for 2m and 6m for the new site, and the move to Highsmith could be made once the repeater committee can get together to make it happen. Also we are still waiting for the surplus equipment from the county to be decommissioned and transferred over to the club.

Net Manager: Chuck KJ4RV We have had a couple of good months with the nets.

Membership: David KR4OE introduced **Vito Amoroso KN4RQK** who introduced himself. A motion was made by **Marty W4MLW**, seconded by **Leighton KN4ZZ**, to accept **Vito** as new member. By vote the motion carried. Welcome Vito.
motion carried.

Newsletter: No report.

Health & Welfare: Carl K4CFB was not available to give the Health and Welfare report, but **Rick K4FNC** reported he had seen **Gene N4ANV** and **Pat KC4TBS** was not doing so well. Please keep her in your prayers.

Public Information: Marty W4MLW reported he has added a reminder to the repeaters to invite all to our monthly meetings.

VE Testing: Ferguson KK4MCY reported that we made 9 new hams at our last VE Session, 1 update to General, and 1 update to Extra. Congratulations to our new hams.

Swapfest: David KR4OE reminded us that our Swapfest will be held at the Cumberland County Shrine Club on August 10, 2019. Get your stuff together and let's make wonderful things happen. We have already had two inquiries requesting information on the Swapfest.

Announcements: Mike KN4XP and **Steve KI4CZL** were not available for Newsletter or Website reports. Both would appreciate any input from the membership for content for either. **Ron K4FET** reported he has several *Possum Trot Certifikates* to give out. All you new Possums get with Ron and get your Cerifikate.

Old Business: David KR4OE has already mentioned the tower status. **George KM4ODS** reported on the *NC QSO Party*. We had a good time, and made more points compared to last year, but that the status

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reports have not been received. The results of the 10-10 SSB contest have been published, the *Possum Trot Chapter* won 2nd place World Wide, a club in Germany took first. We were 1st in the 4th Area. **David KR4OE** reminded us that the CFARS 50th Anniversary will be in November and asked for volunteers to get the ball rolling for the anniversary, to put together a special event station, obtain a 1x1 callsign for the event, and to make arrangements to celebrate the event. **Ed N4ESA** reported that we had many members at the Charlotte Hamfest and that much fun was had by those in attendance, but not much of the Club merchandise was sold. **David KR4OE** said **Kelly N4EWG** had passed on, there is still work to be done with his station. He also mentioned **Dan KW4BG** and his family are requesting memorials be sent to the Club. Several members have been with his family and that his station has been inventoried and will be available for sale.

New Business: **Van KG6HYJ** mentioned that the tower had some issues at the *NC QSO Party*. A capacitor in the lift motor was bad and replaced, but the motor was still having issues. He and **Bill KJ4OFD** will see that it is in working order for Field Day.

Program: **Larry N4USB** gave the program for the evening on Digital Modes and Ham Radio. The most popular mode presently is FT8, but others, such as JT65, RTTY, PSK31, WSPR are also popular modes. You can try the digital modes and see how you are doing at WSPR at wsprnet.org to see who is picking up your signal and to see how you are getting out.

Door Prize Drawing: **Marty W4MLW** drew numbers for prizes. **Larry N4USB** donated a NASCAR Transporter Collectible and this was won by **Bob KK4TBW**. **Paul K4PGM** donated a microphone stand and this was won by **Larry N4USB**. **George KM4ODS** donated a mystery gift, wrapped in a plain brown wrapper. This was won by **Perry N4LBB** and it was a digital thermometer. The final prize, a handmade toboggan made by **Linda K4BGW** was won by **Ron K4FET**.

A motion was made by **Paul K4PGM**, seconded by **George KM4ODS**, to adjourn the meeting, By vote the motion carried. The meeting was adjourned at 8:20 pm. We had 19 members and two (2) guests present at the meeting. The next club meeting will be April 15, 2019.

Submitted by **Bill KJ4OFD**
CFARS Recorder

Upcoming Hamfests

April 6, 2019

Down East Hamfest
Kinston, North Carolina

April 20, 2019

Rarsfest
Raleigh, North Carolina
rarsfest.org

April 27, 2019

Catawba Valley Hamfest
Morganton, North Carolina
cvhamfest.com

CFARS is looking for someone who has an interest in writing. If you would like to have a column in the newsletter let **Mike KN4XP** Editor know. It would not have to be every month. You can submit articles and photos for inclusion with your article. You may be just the person who has knowledge in an area that someone is wanting to experiment with. People are looking to branch out in amateur radio but not sure where to turn. You may be just that person. Do you operate FT-8, Six meters ssb or cw, DMR radio or have experience with station grounding. These are just a few areas you might have expertise in. So take a few minutes and drop an article for **YOUR NEWSLETTER**.

2019
NC QSO Party
Results

The 2019 NC QSO Party has come and gone again for another year. CFARS, as always, put forth an entry that led to another successful QSO Party year. As many of you may know, CFARS has won the Club entry for the last several years. Well the results are in...and CFARS wins again!!!! It seems with the rule changes each year, CFARS manages to bring out some great operators, even with the less than perfect band conditions, that are able to work em when they need em. Congratulations to the club for another award winning entry. Time to start planning for next year.

Club / In-State / Mixed / Lo Power

Call	QTH	Score	QSO	Counties	States	Multipliers	Bonus
K4MN	Cumberland	135,482	620	35	47	82	100
W4YK	Henderson	38,139	234	51	30	81	150
W4BFB	Mecklenburg	35,651	232	37	36	73	100
N4GM	Brunswick	4,868	55	12	21	33	50
NC4OC	Onslow	4,033	48	27	10	37	0

It looks like CFARS has a lock on this contest. What does the contest have in store for us next year? Nobody knows as of yet but one thing for sure...CFARS will put forth another effort that we will all be proud of.

It's time to start planning for field day 2019. With the effort CFARS puts in for the NC QSO Party as a primer what will our Field Day team have in store for this year? It takes all of our membership to make Field Day a success. Looking forward to seeing everybody there!

Build is Better than Buy

Radiated by “El Cheapo” N4ERM

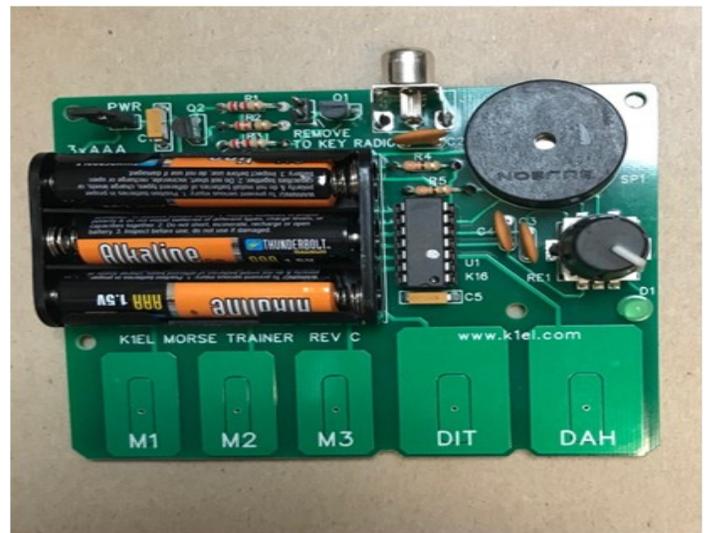
REAL HAMS DO MORSE CODE - AND THEY BUILD SOME OF THEIR OWN GEAR - -
But you knew that already, right?

So, here's your opportunity to do both! And learn the proper way to send iambic Morse code in the process (fore and middle finger, up-and-down; rather than finger and thumb, side-to-side)! K1EL has designed, built and sold a bunch of keyers and kits for the “real” hams all over the world. His Morse code trainer kit <https://hamcrafters2.com/K16tutor.html> is an excellent aid to those wanting to learn the code as well as a nifty iambic code memory keyer. Moreover, it is a simple kit to build. If you want to learn soldering and Morse code as well, look no further: This might be it!

The kit, which includes the printed circuit board and all (through-hole) components costs \$22.00 plus shipping. The kit arrived in two plastic pouches. My pc board arrived with the battery holder and mini speaker already installed (I haven't a clue why), but they still needed to be soldered to the board.



The keyer kit as it arrived



The completed kit

Read all of the assembly instructions CAREFULLY BEFORE beginning starting assembly. On page 5 of the instructions the author encourages you to read appendices A, B, and C at the end of the document PRIOR to starting assembly. Good idea. As Nike says: “Just do it!” Do it now. If you've never soldered electronic components before, appendix C is a good guide on how to be successful. Read the safety instructions twice. Wear safety glasses. If you run into any issues or have any difficulty, give me a call and leave a message (910) 494-0001. I'm always happy to help.

Once you've completed the kit you'll end up with what is likely the last keyer you'll ever need! It is a complete memory contest keyer and a solid performer with more capabilities than you'll likely ever need. You'll be glad to add this keyer/trainer to your shack. Moreover, you built it yourself!

Build it and enjoy!

73

Van

Items For Sale

- Kenwood 480HTX \$800.00
200 Watt HF 6 thru 160
- Icom 91AD Handheld \$100.00
6 Watt Dual Band 2mtr 440mtr D-star
- Daiwa HF tuner Legal Limit \$100.00
- Zum Hot Spot \$ 50.00
- Yaesu Ft 7900 \$300.00
Dual Band 65 Watt 6 Months Old

Contact Joe W3OJO 910 366 9674
W3OJO @ TWC.COM



- Elad FDM-DUO SDR QRP Radio (RED). I have all of the accessories, Mic. \$850.00
Fred N4ZCG



**TYT-9000 2 Meter Mobile
(New with Box)
\$75.00**

- Output Power: 10W/25W/60W
- CTCSS/DCS setting & scanning
- High/Mid/Low power selectable
- Voice compander
- Contact book
- Battery voltage display
- DTMF/2 tone/5 tone
- ANI ID
- Wide/Narrow band setting
- Channel name editing
- 200 memory channels
- FM radio
- CTCSS/DCS
- DTMF/2 Tone coder

**Mike KN4XP
kn4xp@yahoo.com
910-489-3704**



- LDG YT-1200 Auto Tuner for sale. \$180.00
Contact Fred N4ZCG



**New with Box
Connect Systems CS-800
Dual Band DMR/Analog Mobile
Detachable Face Place with Extension Kit
\$250.00**

**Mike KN4XP
kn4xp@yahoo.com
910-489-3704**