

◆ Cape Fear Amateur Radio Society ◆

Volume XXX Issue 9

September 2000

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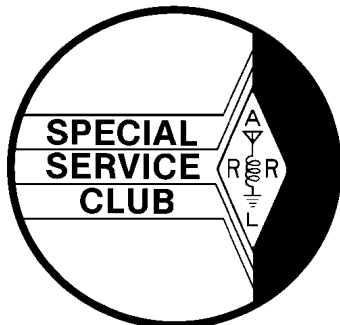
Club Meetings	
18 September	20 November
16 October	
Methodist College 7:30 pm	
VE Testing	
9 September	11 November
Methodist College Fayetteville, NC	
Registration 9 am Testing 9:30 am	
Talk-in 146.910 - PL 100 Hz	

August 2000 Minutes

The August meeting of CFARS was called to order at 23:40 by David KR4OE. The membership was led in the Pledge of Allegiance by the David. Bill KE4DER gave the invocation. Introductions were made in the usual CFARS manner.

A motion was made by Fred N4HDZ, and seconded by Gene N4ANV, to accept the minutes of the July meeting. By vote the motion passed.

Committee Reports - Treasurer - Chuck KJ4RV gave the clubs balance for the month after minor expenditures. **Repeaters** - Bill KU4W said the 220 is still down for maintenance, all other repeaters are working. Bill turned in 26 logs for the resent 10-10 SSB contest. **Health & Welfare** - Sandy KC4TBQ has sent cards to the families of Art Donaldson and Jerry Mills. The club also sent a cart to Van N4ERM for his short stay in the hospital. Kelly N4EWG stated that his wife Mickey was under the weather, please remember Mickey during the next month. **Advertising** - Van N4ERM gave the present status of advertising for the CFARS newsletter. **Net Manager** - Chuck KJ4RV stated that Kelly N4EWG, Judge WA4LZD and Bonnie KF4LVF were covering the nightly net and that David KR4OE and Bill KU4W would cover Sunday night. **Emergency Coordinator** - David KR4OE encouraged everyone to participate in the emergency net conducted by Bob KL7NL. **VE Testing** - The next test session will be held the 2nd Saturday in September. **Skywarn** - Buddy KG4ABZ thanked all those who participated in the last Skywarn emergency. **Newsletter Editor** - Mike KN4XP would welcome new ideas for the newsletter. If you have any ideas on the subject please contact him. **ARRL Bulletins** - AJ W4EK read the latest ARRL Bulletins to those present.



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CFARS The Club

Unfinished Business - David KR4OE stated that CFARS Swapfest doubled its attendance this year and made over \$100.00 in donations. David also pointed out that our ARRL affiliation expires in September and the club must recertify. He needs to know the exact number of CFARS members that are also members of the ARRL

New Members - Bonnie KF4LVF presented those individuals for membership. A motion was made by Mike KN4XP, seconded by Pat N4UGH, to accept the new member in their absence. By vote the motion carried.

Program - The Judge WA4LZD gave a very interesting presentation on the history of the Possum Trot Net. The presentation was enjoyed by the group.

Door Prize Drawing - Kelly N4EWG held the monthly drawing. The lucky winners were Van N4ERM, Exacto knife set and Pete W4TBO, keychain.

Adjournment - Kelley N4EWG made a motion, seconded by Mike KN4XP, to close the meeting. By vote the motion carried. The meeting was adjourned at 00:25.

Breakfast

Every Saturday Morning
 6:30 am - 9:00 am
 K & W Cafeteria
 Village and Owen Drive
 All Are Welcome!!!! - See You There!!!

Publishing Policy

Opinions expressed in articles are those of the author and may not reflect those of the Cape Fear Amateur Radio Society. The CFARS News is printed monthly and submissions from members are welcomed. The Editor reserves the right to edit all articles for size and content. Permission is hereby granted to Non-Profit Amateur Radio Clubs/Organizations to reprint our articles provided credit is given to the author and the **Cape Fear Amateur Radio Society**. Any other use without written permission is a violation of US Copyright Law. Contact the editor for detailed information and written permission. Deadline for items to be placed in the CFARS News will be the 1st of the month.

Articles maybe sent to the editor by the following means:

Email - kn4xp@aol.com
 KN4XP
 PO Box 681
 Stedman, NC 28391-0681

CFARS REPEATERS

WB4YZF

2 Meters

146.910 - PL 100 Hz

220 MHz

224.560 +

440 MHz

444.400 +

W4EBM

6 Meters

53.810 -

W4LPL

147.330 +

Money Matters

(As of August 27, 2000)

Beginning Balance \$1427.36

Expenses

Newsletter \$ 46.00
 Hhealth & Welfare \$ 18.60
 Postage \$ 33.00
 Printing \$ 7.42

Income

Dues \$ 40.00
 Swapfest \$ 92.00

Ending Balance \$1454.34

President's Message - David KR4OE

It is Sunday night, the night before Labor Day, and another year at Shelby has come and gone. The rains came this year but this did not dampen my spirits and from the looks on the faces of the attendees it did not dampen their spirits either. I am sure the dealers and the folks in the flea market areas did not particularly welcome the rain but from the looks of all the equipment I saw going out the gate I don't think they had a lot to complain about especially on Saturday before the rains came. For those of you who did not make it you sure missed a lot of fun and more importantly you missed the good fellowship which was shared under the CFARS tent. I hope you all will make plans to attend next year and share in all the fun, excitement, and fellowship.

Several months ago I asked all in the monthly message to let me know if you are an ARRL member. I gave two phone numbers, which both have voice mail, my email address, and of course I am on the evening net most nights. A grand total of two people responded. I asked for a show of hands at the August for those that are ARRL members. A suggestion was made to just look in the sign-in book which was an excellent idea except for two things. One is that I have found that some members do not check that box and I know they are League members and the other is that usually only around thirty people attend the monthly meeting. I need to hear from all members by mid-September who are ARRL members in order to get an accurate count in order to renew our status as an ARRL Special Service Club. So again you can reach me in my office during the week at 677-5477 or 494-4184 (courtesy of Bell South Mobility) or email kr4oe@arrl.net.

I would like to thank all who helped make the CFARS Swapfest a success. I feel like we have a good thing going and have a good foundation to build on for the future. I spoke to the contact person at Methodist College and have already confirmed the facility for the same time next year. For those of you who do not know we have held the CFARS Swapfest the last two years on the second Saturday in August. Now that we have a confirmed date and with that we can now advertise the event on the ARRL website and in the SERA Journal among others. The date will be Saturday, August 11, 2001 so when you get your new calendars go ahead and flip the pages to August and mark it in bright red. I hope you can find the time to come out and be with us and enjoy the fun and fellowship.

That is all for this month. I encourage all of you to let us hear from you. There are so many members out there who I have not heard from in quite awhile and some I have not even met. I hope you can find the time to rediscover the magic of amateur radio. I guarantee you will not regret it. CFARS and amateur has so much to offer. Life is so short. **GET RADIOACTIVE!!!!!!** 73 for now, de David KR4OE

Traveling and Repeaters

How many times have you heard "this repeater serves the best hams around?" Most clubs and repeater owners feel that they have a friendly repeater. You should feel that your repeater is always open to hams traveling through your area.

How often do we travel and put out our call sign? We announce our presence for several reasons to include a need for assistance, directions or we are looking for someone to help us pass the travel time. I wonder how many hams are listening but never respond. What do you think? Which category would you claim to be a member of? All hams should be there for each other.

I was traveling through the state recently. I tuned my 2 meter rig over to a repeater. I gave out my call and waited. Surely someone would hear my call and respond. After all this is ham radio. A few minutes later, I gave my call out again. No response. I really didn't need anything other than just someone to talk with. I began to wonder about this amateur radio club. Just last week I was traveling in that same area again. This time I gave out my call and announced that I was looking for a local ham store. I needed to pick up a few small items, no radios this time just a connector or two. To my surprise I had at least 5 hams respond. They all wanted to help. I didn't make it to the store but the help sure was great! Once again ham radio was all I thought it could ever be! Remember ham radio is a hobby.

I realize that we all have jobs that keep us busy during the day. Life is so full of events that take time away from our hobby "HAM RADIO." Our repeater is usually busy in the morning with the PT Net, in the afternoon at drive time with commuters traveling home at the end of the day and the evening 2 meter net. What happens to all of the time in between? Surely people are traveling to and from lunch and are listening to the radio. Sometime during the day make a QSO if for no other reason than to blow the dust off your finals.

We have repeaters covering all bands from 6 meters, 2 meters, 220 MHz and 440 MHz. Not everybody has the capabilities to operate all of these different repeaters. Let's not allow visiting hams to put out a call on our repeater without them being answered. CFARS has the best bunch of hams anywhere.

Win Tip

QUICKLY VIEW THE CONTENTS OF YOUR DESKTOP (WIN98)

In Win98, the Open and Save As dialog boxes in most of your applications have a new feature: a View Desktop button in the toolbar. Clicking this button toggles you between the folder you're currently viewing and the Desktop folder on your hard drive.

COMPU GURU

Items For Sale

- ◆ **Yaesu VX-5R HT — \$325.00**
6m,2m, and 440 - Wide band receiver
Comes with the following accessories:
Yaesu MH-34 speaker mic
Yaesu E-DC-5B cigarette lighter cord adapter
Yaesu FBA-23 battery case for double A's
Yaesu CD-15 Lithium Ion battery rapid charger
Diamond ht antenna
have box and manuals for all
- ◆ **Icom 3220-H dual band mobile**
45 watts on 2m and 35 on 440
radio has never been mobile
with box and manual
\$250.00

David KR4OE 494-4184 or kr4oe@arrl.net

Old Timer

SAFE ANTENNA INSTALLATION

When you install an antenna, no matter what kind, make sure it can't possibly touch a power line. It is very easy to fall into this trap. The problem is that many people think they are OK as long as they can keep from touching the power line as they install the antenna. But, what happens if a thunderstorm takes the antenna down? Can the antenna possibly fall across a power line? If so, find a better location for your antenna. Don't take chances. - The Old Timer



Club Patches are available for \$5. Contact Kelly N4EWG to get your patch today!

Welcome to the....

W4LPL / REPEATER

**“The Red Carpet Repeater”
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community and the best darn
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Network Solutions On Site Service

Computer Sales, Repair & Service

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5418 Yadkin Road Fayetteville, NC 28303

<http://www.janrix.com>

QST de W1AW ARRL Bulletin 37 RF Safety Rules Now In Force For All Amateurs

To all radio amateurs:

Starting September 1, every US amateur is required to fully comply with the FCC's RF exposure guidelines. The regulations, which went into effect January 1, 1998, require US Amateur Radio operators to read and understand the rules and, where necessary, perform technical evaluations to determine that their stations are compliant with the new regulations. Up until now, only hams who have had to file an Amateur Radio application with the FCC have had to certify compliance with the RF exposure rules. As of September 1, all amateurs must comply. Under the regulations, an amateur station must not exceed the maximum permissible exposure limits for transmitter operation. "These regulations are not a major burden on the Amateur Radio Service," said ARRL Lab Supervisor Ed Hare, W1RFI. "Most hams are already in compliance with the MPE requirements; some hams will need to conduct a simple station evaluation." A complete description of the rules is available on the ARRL Website at

<http://www.arrl.org/news/rfsafety/>. The site also contains resources to make your station evaluation quite painless. Address questions about RF safety and the FCC exposure guidelines to ARRL Lab Supervisor Ed Hare, W1RFI, ehare@arrl.org.

VE Testing

The CFARS VE team will conduct a test session on the September 9, 2000 at Methodist College. Registration will begin at 9 am and testing begins at 9:30 am. Applicants need to bring the following items to the test session: original and copies of your license and CSCE's, a picture identification and \$6.65. Talk in will be on the 146.910 repeater PL 100 Hz. Hope to see you there.

INFO CORNER

Let's Talk About Solder Types
What do we know?

Solder is used to fasten metals together. Copper water pipes are commonly connected with solder. Sheet metal can be soldered, as can galvanized gutters and flashings. Traditionally solder has been a formulation of half tin and half lead, but it now comes in different forms and formulas. For successful results, be sure you get the right type of solder for the job. On big jobs use flux to clean the area to be soldered.

When soldering copper water pipes, use lead-free solder that comes in rolls. Leaded solder will work, but the lead can leach into the water supply, so stick to the lead-free kind. Although not commonly attempted, sheet metal work requires a bar of solder. A 50/50 lead-based solder is the standard here. Electrical connections other than house wiring are often soldered. A rosin-flux core solder is used for electrical connections. ie; Coax, Available in rolls, the flux keeps the connection clean while soldering but does not corrode. With any type of soldering there is a burn and fire hazard, so be sure to use caution. The cleanest surface make's the best connection.

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