



Club Officers	2
Club Dues	2
Club Repeaters	2
Meeting Minutes	3
Upcoming Hamfests	4
Newsletter Articles	4
Two Factor Authentication	5
Past Presidents	6



The President's Corner: Van N4ERM

OCTOBER "Show and Tell Extravaganza" a Great Success –

We may have set a new recent attendance record at the October meeting. What a great turn-out! And what a great bunch of stuff was shown at the event. **Fred N4ZCG** showed a great coax tester, an interesting QRP radio from 4 State QRP Group that used on-board etched coils for inductors, rather than toroids, and some great Christmas decorations. **Paul K4PGM** showed a great 2 meter go-kit that included solar panels, voltage regulator, 2 meter mobile rig with battery, antenna and more. **Chuck KJ4RV** showed his usual collection of varied and interesting stuff. I know more CFARS members have built more interesting stuff. Please plan to bring your stuff to next year's "Show and Tell" Event.

Elections for CFARS Officers for 2018 –

It's time to get serious about CFARS Officers for 2018. At this time we have at least one nominee for each position EXCEPT the office of President. Please consider serving your CFARS as an officer. Anyone who has served as a CFARS officer can tell you that it is not difficult and it is a great honor. So step up and serve! AND be at the November meeting to VOTE.

CFARS SHIRTS FOR DISTRIBUTION AND PATCHES FOR SALE -

I am pleased to report that all the CFARS shirts that were ordered have been distributed and paid for EXCEPT for two shirts each for **Jason KN4BFO**, **Mike KN4XP** and **Ed W9EAO**. I'll have your shirts at Saturday's breakfast at the K&W. \$25.00 COD. Let me know if you need the shirts mailed. And a reminder that our Secretary-Treasurer, **Chuck KJ4RV**, has a quantity of CFARS patches on hand for \$5.00 each.

CHRISTMAS EATIN' MEETIN' –

Start planning now to attend our annual Eatin' Meetin'. This year's event will be on Tuesday, 12 December, at Fred Chasons Grandsons Buffet at 3901 Ramsey St. near Lowes. This is a TUESDAY night event featuring two buffet dinners for \$20.00. **NOTE: We need to ALL be at the entrance to the restaurant at 7PM. Don't be early or late. Be there at 7PM.**

UPCOMING STUFF

November

- 11 - 12 10-10 Fall Digital Contest
- 19 JARSFest Johnston Amateur Radio Society, Benson, NC
- 20 Monthly Meeting - Elections

December

- 12 Annual Eatin' Meetin' at **Grandsons Buffet**, 3901 Ramsey Street (South of Methodist Univ., by Lowes - NOTE: This is a TUESDAY night, two dinners for \$20.00 special. **All need to be at the entrance at 7PM for seating. DON'T BE EARLY OR LATE. BE THERE AT 7PM!!!**

See you there! 73 de Van N4ERM

CFARS Officers

PresidentVan N4ERM n4erm@arrl.net
 Vice Pres.....George KM4ODS km4ods@gmail.com
 Sec./Treas..... Chuck KJ4RV kj4rv@arrl.net
 Recorder.....Bill KJ4OFD kj4ofd@arrl.net
 Newsletter Editor...Mike KN4XP kn4xp@yahoo.com



Coordinators

Membership.....David KR4OE kr4oe@nc.rr.com
 Net Manager.....Chuck KJ4RV kj4rv@arrl.net
 EmergencyVACANT
 Information.....Kelly N4EWG n4ewg@nc.rr.com
 Repeaters.....Bill KU4W kc4swy@embarqmail.com
 Sky Warn.....Jim KI4YRH ki4yrh@aol.com
 Field Day.....Vacant
 Health & Welfare...Mya mya@embarqmail.com
 VEC..Pat N4UGH n4ughpat@aol.com
 SwapfestDavid KR4OE kr4oe@nc.rr.com
 Public Information...VACANT
 Webmaster.....Steve KI4EZL webbie@nc.rr.com

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 cfars_newsletter@yahoo.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.

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.



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



October 2017 Club Meeting Minutes

On October 16th the Cape Fear Amateur Radio Society meeting was called to order at 7:30 pm by **Van N4ERM**. The meeting was held in Auditorium of the Hendricks Science Building at Methodist University, Fayetteville, North Carolina. **Van N4ERM** led the *Pledge of Allegiance to our Flag*. **Elton W4VGW** led the invocation. The introductions were made in the normal CFARS manner.

A motion was made by **Fred N4ZCG**, seconded by **Bill W4WTL**, to approve the minutes of the August meeting. By vote the motion carried.



COMMITTEE REPORTS:

Treasurer: **Chuck KJ4RV** gave the treasurer's report. We collected some money and we are still solvent.

Repeater: **Bill KU4W** gave the repeater report. The 2 and 6 meter repeaters are up. The 440 repeater is down. We need volunteers to climb the tower to repair the antenna.

Net Manager: **Chuck KJ4RV** reported check-ins are up by 1/2 and 1/2 minutes per net. Remember, these are our repeaters, if we don't use them somebody else might.

Membership: No report.

Newsletter: **Mike KN4XP** our newsletter editor, is looking for articles from the club to put into the newsletter. Send your articles to him at cfars_newsletter@yahoo.com.

Health & Welfare: **Steve KA4CZL** is in Betsy Johnson Hospital in Dunn. He has a handheld radio with him and is listening on the Dunn repeater. He would appreciate guests.

Swapfest: No report.

VE Testing: **Pat N4UGH** reported there were two (2) people who tested at the last VE session. Both passed and are at tonight's meeting.

Field Day: No report.

Public Relations: No report.

Old Business: **Mike K4JWX** volunteered to take on the Emergency Coordinator position. We have a vacancy for Public Relations. **Pete K4QFK** is back from Africa and needs help taking down his tower. **Pat N4UGH** is in need of an antenna party. **Gene N4ANV** will honcho the party. **Van N4ERM** passed out CFARS t-shirts to those who were present.

New Business: **George KM4ODS** brought forth nominations for officers for 2018. Elections will be held next month:

President:	
Vice President:	Ben KM4ODT
Secty/Treas:	Chuck KJ4RV
Recorder:	Bill KJ4OFD
Editor:	Mike KN4XP
VE Coordinator:	Pat N4UGH

(Continued on Page 4)

(Continued from Page 3)

Jim KI4YRH has made reservations for the *December Eatn' Meetin'* at Grandson's on Ramsey Street for December 12, 2017 at 7pm. Dinner special 2 meals for \$20.

Program: Annual Show and Tell Extravaganza

Van N4ERM showed off an audio continuity tester. **Fred N4ZCG** showed us a coax continuity tester, an 80m cw keyer from 4sqr.com, a code key made from a paint scraper, an led Christmas key and a 5 band field day bandpass filter. **Paul K4PGM** shoed off a solar powered go kit consisting of a solar panel, charge controller, an ammo box, a lawn mower battery, a dual band radio and an antenna. **Chuck KJ4RV** brought an electrocet microphone, and "electrometer" (a lightning detector) a raspberry pi, a sdr dongle, touch paddles, a pico keyer from a kit , a 10/20/40 db attenuator in an udder balm can, a 4 band qrp cw transceiver from youkit and a 38 special qrp radio (30 meters / 8 vets).

Door Prize Drawing: David KR4OE held the door prize drawing. **Ben KM4ODT** donated a survival kit won by **Marty W4MLE**. **Larry N4USB** donated walnuts from his tree, **Pete K4QFK** and **George KM4ODS** won a bag each. **Larry N4USB** donated some honey which was won by **George KM4ODS**.

A motion was made by **Gene N4ANV**, seconded by **Jim KI4YRH**, to adjourn the meeting. By vote the motion carried. The meeting was adjourned at 8:40 pm. We had thirty nine (39) members and one (1) guest at the club meeting. The next meeting will be November 20, 2017.

Submitted by **Bill KJ4OFD**
CFARS Recorder



Upcoming Hamfests

November 11, 2017

Beachfest 2017
Conway, South Carolina
www.w4gs.org

November 19, 2017

Jarsfest 2017
Benson, North Carolina
www.jars.net

Calling for Newsletter Articles

CFARS needs your input to the newsletter. If you have installed a new antenna, mobile rig, made a piece of equipment, tried a new mode of operation or anything else related to amateur radio, take the time to write it up and include pictures. Each month the CFARS News needs your input. Somebody may be wanting to try something new and you just might be the one that spurs that interest or can help out a new or confused older ham. Newsletter articles and pictures can be emailed to cfars_newsletter@yahoo.com.

Two Factor Authentication

What is it and why should you care. QRZ.com (the call-sign lookup and logging website) has recently implemented 2 Factor Authentication, I guess, to improve the validity of their awards. Normally when you go to your favorite web site or on-line banking site, you enter your user name and password to complete the login. We have been inundated with password dos and don'ts so I won't cover that. But this simple login is called One Factor Authentication. It's something you KNOW (user name and password), and somebody on-line can attempt to guess them, and, their success is dependent on their talent, computing power, and the strength of your password. But once compromised, it can be disastrous, if it's your reputation on social media, or your financial security on your banking site. Sometimes, it is very disturbing to know that these simple keystrokes are all that guard your hard earned financial empire.

Enter two-factor authentication (2FA). This adds to the thing you KNOW, with something you HAVE, hence the name 2 Factor. A smart-phone, (anything capable of SMS) or a tablet is what you HAVE.

The process is as follows; after you enter your normal credentials (user/password), you have to enter a 6 digit pseudo-random special number sequence to complete the website log-in. The device displaying that number sequence, is the something you HAVE. The process for obtaining that numeric sequence can be either of two ways, a simple text message (SMS) sent from the web site to your phone, or, more securely, derived from an app called Authenticator. The theory is if someone compromises your user/password, they must have your device to complete the log-in. The Authenticator app prevents the possibility of someone cloning your phone and intercepting your SMS message with the code, or maybe the lack of network services to receive the SMS message.

Authenticator, a self running app, will, after install and setup, allow adding participating website keys. Each Authenticator added website has its own key generator. Scanning a random website QR code installs the key for that web site, that, when combined by the app, to the time of day, generates the 6 digit code specific to that web site. The app is constantly calculating 6 digit authentication codes every minute for each of the added websites. The app displays a countdown icon showing the remaining time the code is valid for a login period. So far, I use 2FA for QRZ, Gmail, and Amazon.

The "fly in the ointment" is that many banking institutions have not yet implemented this important feature. Facebook, QRZ, Gmail and many other have. <https://twofactorauth.org/> has been championing the use of 2FA and lists the status of many web sites that have, and should have 2FA. Many credit unions chafe at the use of 2FA, and proffer excuses when confronted about the absence of such an important feature. I have quite the collection of such emails...

Dick WB7OND



Cape Fear Amateur Radio Society Club Presidents and Year Served

1970	SIDNEY PURVIS	WA4VBC	
1971	GEORGE SMITH	* WB4MTG* SK	
1972	WILLIAM FINCH	* W4EHF* SK	
1973	CARL B. PRESLER JR	*W4LPL* SK	
1974	JERRY HICKOCK	*WB4FXM* SK	
1975	DON FINLEY	*K4NUG* SK	
1976	DAN BAZAN	K4KMZ	
1977	VAN N. PETERSON	K4QFK	910-424-4483
1978	ANDY WYATT	*WA4SXC*SK	
1979	GENE TYREE	N4ANV	910-425-8003
1980	JERRY HICKOCK	*WB4FXM*SK	
1981	ROLAND E. SUMMERVILLE	WA4IJR*SK	
1982	IRVING E. BARTRON JR.	*N4DDV*SK	
1983	ERMON GODWIN	WA4LZD * SK	
1984	CONSTATINE PAPAS	AL7AZ	
1985	H.C. HUTCHISON	NK0S	910-323-9594
1986	KELLY K. KANODE	N4EWG	910-867-4300
1987	KELLY K. KANODE	N4EWG	910-867-4300
1988	CHARLES WARD	KJ4RV	910-485-6471
1989	BURT A. VANDERCLUTE	N4ERM	910-488-9202
1990	BURT A. VANDERCLUTE	N4ERM	910-488-9202
1991	PERRY BROCK	N4LBB	910-423-2791
1992	MICHAEL R. PREVATTE	KN4XP	910-489-3704
1993	ROBERT C. DUDLEY	KC4RSZ	910-488-0172
1994	ROBERT C.DUDLEY	KC4RSZ	910-488-0172
1995	GEORGE LIEPINS	KE4HW	910-484-9345
1996	BURT A. VANDERCLUTE	N4ERM	910-488-9202
1997	CHARLES WARD	KJ4RV	910-485-6471
1998	ROBERT E. DOYLE	KL7NL	910-425-4175
1999	ROBERT E. DOYLE	KL7NL	910-425-4175
2000	DAVID COWART	KR4OE	910-822-0494
2001	MICHAEL D. SHUTT	KG4GAF	910-429-0433
2001	BONNE WILLIAMSON	KF4LVF	910-425-7573
2002	BONNE WILLIAMSON	KF4LVF	910-425-7573
2003	BONNE WILLIAMSON	KF4LVF	910-425-7573
2004	BONNE WILLIAMSON	KF4LVF	910-425-7573
2005	JACKIE HARGIS	KJ4XK	910-480-8381
2006	JACKIE HARGIS	KJ4XK	910-480-8381
2007	LEON PORTER	N2OYV	910-860-3164
2008	LEON PORTER	N2OYV	910-860-3164
2009	LEIGHTON BUNCE	KN4ZZ	910-323-4458
2010	LEIGHTON BUNCE	KN4ZZ	910-323-4458
2011	DALE A. MOHR	KI4WOH	910-221-8762
2012	DALE A. MOHR	AK4YS	910-221-8762
2013	DALE A. MOHR	AK4YS	910-221-8762
2014	DALE A. MOHR	AK4YS	910-221-8762
2015	BURT A. VANDERCLUTE	N4ERM	910-488-9202
2016	BURT A. VANDERCLUTE	N4ERM	910-488-9202
2017	BURT A. VANDERCLUTE	N4ERM	910-488-9202