Volume XXXVII Issue 10



In this issue:

Presidents Corner	1
Meeting Minutes	1
Club Officers	2
Repeaters	2
Finances	2
Hamfests	3
Items for Sale	.3
CFARS Past Presidents	4
One Cut Antenna	.5
JOTA	5

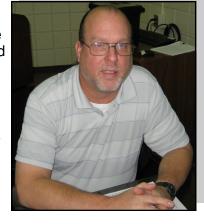
The President's Corner:

Dale AK4YS

Welcome everyone. I was glad to see everyone at the club meeting.

I really enjoyed the SOTA summits on the air. **Chuck AE4FZ** did a great job. I look forward to trying it myself.

This year is coming to a close. At the October meeting we will present a slate of officer and take nominations from the



floor for club officers for 2014. Please make a nomination or step up and help the club with your involvement in an office. It's not hard. We are all here to assist you.

Remember we will meet in the Science building for October and November will be in Clark Hall.

Looking forward to seeing everyone on the 21st for the club meeting.

See you in there.

73 de Dale AK4YS

THE CFARS NEWS IS NOW PUBLISHED AS A PDF DOCUMENT OBTAINABLE ON THE CLUB'S WEB SITE AT WWW.CFARSNC.ORG/NEWS.PHP

August 2013 Club Meeting Minutes:

On September 16th the Cape Fear Amateur Radio Society meeting was called to order at 7:30 pm by **Dale AK4YS**. The meeting was held in Science Building of Methodist University. **Dale AK4YS** led the club in the Pledge of Allegiance. **Kelly N4EWG** led the invocation. **Dale AK4YS** led the introductions in the normal CFARS style.

Bonnie KF4LVF, made a motion to accept the minutes, as amended, for August, seconded by **Kelly N4EWG**. By vote the motion passed.

COMMITTEE REPORTS:

Treasurer: Chuck, KJ4RV gave a report on income and expenses. We are solvent!

Repeater: Bill KU4W reported on the club repeaters. The 440 repeater is down for repairs, the 2 meter repeater sill has some noise and the 6 meter repeater seems ok. There was some interference on 146.91 from the Lexington repeater.

Health & Welfare: No one is sick that we know of.

Net Manager: Chuck, KJ4RV reported on the nets. This is our repeater and participation is encouraged.

Membership: David KR4OE gave the membership report. **Bill KU4W** made a motion, seconded by **Bonnie KF4LVF**, that **Bob KK4TBD** and **Brian KK4TBF**. By vote the motion passed. Welcome to CFARS!

Swapfest: David KR40E reported on the CFARS Swapfest. We still may have to change the dates for 2014.

VE Testing: The next VE testing session will be October 12, 2013 at the Science Building Auditorium of Methodist University.

Information: NASA wants hams to talk to the satellite going to Juipter. Just Key "HI" super slow on 10 meters (30 seconds per dash)!

Old Business: Dale AK4YS reported we are still waiting for the Field Day results to be published.

(Continued on page 3)

CFARS Officers

PresidentDale, AK4YS dale.mohr@yahoo.com

Vice Pres.....Tripp KJ4BKD

thomasenglish3@embarqmail.com

Sec./Treas..... Chuck, KJ4RV kj4rv@arrl.net

Recorder.....William KD4DCR wmcneill3@nc,rr.com

Newsletter Editor...Mike KN4XP kn4xp@yahoo.com

Coordinators

Membership.......David, KR4OE kr4oe@nc.rr.com

Net Manager......Chuck, KJ4RV kj4rv@arrl.net

Advertising......Van, N4ERM burtvc@aol.com

EmergencySteve KK4EYN kk4eyn@gmail.com

Information......Kelly, N4EWG n4ewg@nc.rr.com

Repeaters.....Bill, KU4W kc4swy@embarqmail.com

Sky Warn.....Jim, KI4YRH ki4yrh@aol.com

Field Day......Dale, KI4WOH dale.mohr@yahoo.com

Health & Welfare... Mya, mya@embarqmail.com 423-2118 (h); 678-2488(w)

VEC......Pat, N4UGH n4ughpat@aol.com

SwapfestDavid, KR4OE kr4oe@nc.rr.com



K4MN

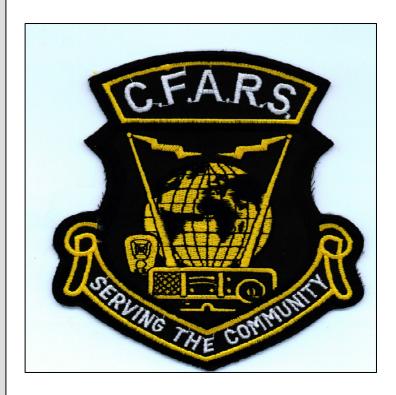
2 m 146.910/146.310 70 cm 444.400/449.400

W4EBM

6 m 53.810/52.810

WA4FLR

2 m 147.330/147.930





The **CFARS** *NEWS* is published monthly by the Cape Fear Amateur Radio Society, PO Box 36106, Fayetteville, NC 28303 Editor: Mike Prevatte KN4XP

CFARS Finances

Individuals have expressed concerns about our financial information being accessed via electronic media eavesdropping. This might be possible because of the email delivery now used to supply the newsletter to many of the club members. To avoid this possibility the club financial information will no longer be published in the newsletter and we will continue to present a financial information report at each monthly club meeting.

(continued from Page 1)

Van N4ERM told the club we need a new Trustee for **CFARS**. **Jim KI4YRH** will be the new Trustee. **Dale AK4YS** asked the **Past Presidents** to form a nominating committee and solicit volunteers to be officers for 2014. The next meeting of the **Past Presidents** will be next Saturday at breakfast.

New Business: The Boy Scouts Jamboree on the Air (JOTA) will be held October 19, 2013. The 10-10 CW contest will be October 18 - 20, 2013.

Program: Chuck AE4FZ gave a presentation about **Summits on the Air (SOTA)**. He was assisted by **Mark KK4NUA**, **Van N4ERM** and **Bob WA4WHV**. There was discussion about stats, operations and equipment. More information can be found at http://sota.org.uk

Door Prize: Kelly N4EWG held the door prize drawing. Bryan KK4TBF won the drawing.

Jackie KJ4KX made a motion, seconded by **Bonnie KF4LVF**, that the meeting be adjourned. By vote the motion carried. Meeting adjourned at 2040 hours.

Upcoming Hamfests

October 5 Rockhill SC Hamfest

13 Mayesville Hamfest Mayesville, NC

26 Sumter SC Hamfest

November 9 Beachfest 2013 Conway, SC

> 17 JARSFEST Benson, NC

Items For Sale

Ameritron AL-572 Amplifier	\$900
Ameritron ATR-30 Antenna Tuner	\$300
MFJ-868 1.8—30 mhz SWR/Watt meter	\$ 80
MFJ-704 Low Pass Filter	\$ 30
Antenna Rope 100 Feet	\$ 3

Contact David KR4OE kr4oe@nc.rr.com 910-624-1394



CFARS Club Patches are available for purchase for only \$5.00
See Kelly N4EWG to get your club patch!!!!

CFARS Past Presidents				
Year Served	President	Call Sign	Phone #	
1970	Sidney Purvis	WA4VBC		
1971	George Smith (SK)	WB4MTG		
1972	William Finch (SK)	W4EHF		
1973	Carl B. Pressler, Jr. (SK)	W4LPL		
1974	Jerry Hickock (SK)	WB4FXM		
1975	Don Finley (SK)	K4NUG		
1976	Dan Bazan	K4KMZ		
1977	Van N. Peterson	K4QFK	910-424-4483	
1978	Andy Wyatt (SK)	WA4SXC		
1979	Gene Tyree	N4ANV	9810-425-8003	
1980	Jerry Hickock (SK)	WB4FXM		
1981	Roland E. Summerville (SK)	WA4IJR		
1982	Irving E Bartron, Jr. (SK)	N4DDV		
1983	Ermon Godwin (SK)	WA4LZD		
1984	Constatine Papas	AL7AZ		
1985	H. C. Hutchinson	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	910-499-9202	
1990	Burt A. Vanderclute	N4ERM	910-499-9202	
1991	Perry Brock	N4LBB	910-423-2791	
1992	Mike 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	910-499-9202	
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	KR40E	910-822-0494	
2001	Michael Shutt	KG4GAF	910-429-0433	
2001	Bonnie Williamson	KF4LVF	910-425-7573	
2002	Bonnie Williamson	KF4LVF	910-425-7573	
2003	Bonnie Williamson	KF4LVF	910-425-7573	
2004	Bonnie Williamson	KF4LVF	910-425-7573	
2005	Jackie Hargis	KJ4KX	910-480-8381	
2006	Jackie Hargis	KJ4KX	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	

Why Didn't I Think of This?

For simple wire antennas, it's tough to do better than a dipole. And now they're even easier to build! In case you missed it, there's a simple one-shot method for getting dipole dimensions correct on page 67 of October's **QST** magazine: A One Trim Dipole.

Here's a summary. The standard formula for the length of a dipole, Length in feet = the Constant 468, divided by (the desired resonant) frequency in megahertz, is often incorrect for a number of reasons. Getting the right length for a low SWR is often a trial-and-error process. It does not need to be. Using an antenna analyzer, it is easy to get the dipole length correct after only one cut to each side of the dipole. Here are the steps

Build your dipole using the standard formula above but add an equal amount (a foot or so) to each side. Raise the dipole to its permanent location.

In the shack, attach an antenna analyzer to the end of the coax and find the resonant frequency (lowest SWR). This will give you the new *real Constant* to use in computing your dipole.

One trim and your through! Read the short article for the details. Let me know if you need further explanation or a copy of the article







Jamboree-on-the-Air is held the third weekend in October. It is not a contest. JOTA is intended to get scouts on the bands and make contacts. Listed below are scout frequencies. Get out and make those contacts. You never know who will be on the other end of the contact.

Band	SSB	CW
80 m	3.690 & 3.940 MHz	3.570 MHz
40 m	7.090 & 7.190 MHz	7.030 MHz
20 m	14.290 MHz	14.060 MHz
17 m	18.140 MHz	18.080 MHz
15 m	21.360 MHz	21.140 MHz
12 m	24.960 MHz	24.910 MHz
10 m	28.390 MHz	28.180 MHz
6 m	50.160 MHz	50.160 MHz