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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.

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.CFARSN.C.ORG/NEWS.PHP

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 KR4OE 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 Jupiter. 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

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Coordinators

Membership.....David, KR4OE kr4oe@nc.rr.com
Net Manager.....Chuck, KJ4RV kj4rv@arrl.net
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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

Club Repeaters

| | |
|-------|-----------------|
| | 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 |



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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 | KR4OE | 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

Close To Home By John McPherson



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 |

How Jackie, KJ4XK Met Don, KI4ZL