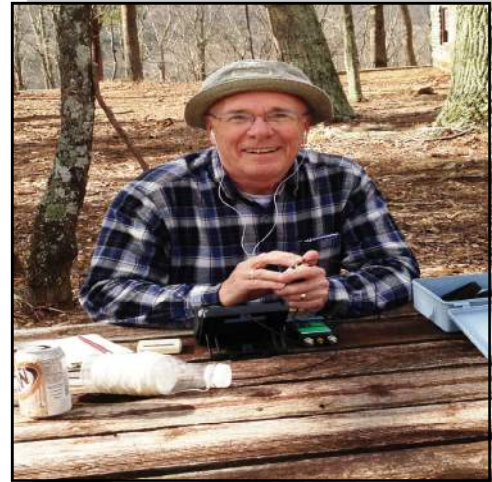




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The President's Corner: Van N4ERM

Report from Dayton HamVention

Look: If you have never been to the Dayton HamVention, start planning now to attend next year's. Words alone cannot describe the event. You simply won't believe your eyes or ears. The event is simply ENORMOUS... The indoor vendors are like 20 times the size of Charlotte or Raleigh. Everyone is there from new equipment and antenna manufacturers to all of the ancillary stuff (connectors, cable, keys, interface things, towers, and on and on. And the flea market... it goes on forever! With over 2000 spaces, someone mentioned that if you stopped at each booth for just one minute, it would take you 34 HOURS to see it all! Several of us managed to make our way to the Dayton HamVention this year. I drove up with **Elton W4VGW**. **Dick WB7OND** and **Sandy KC4TBQ** arrived earlier. **Irv K3IRV** and **Bob WA4WHV** drove up separately. We met several of the CFARS alumni including **John W4CC**, **Dino KL0S** and **Toby KLOSS**. Irv, Elton and I did the QRP Four Days in May (FDIM) on Thursday, then the hamfest on Friday and Saturday. And did I mention the forums (or is it fori or fora?)? They covered just about everything you could imagine and several things you haven't imagined yet. And the new stuff. Elecraft has a new K-3S for only \$500.00 more than the original K3. Begali is selling an ARRL commemorative paddle for \$500.00 as well. Hilberling is still offering their top-of-the-line transceiver for \$18,000.00.

VE Testing

Pat N4UGH and her merry band of ARRL VEs will be administering the full array of Amateur Radio Exams on Saturday, 13 June, in the Science Auditorium Room 122, in the basement of the new portion of the Hendricks Science Complex (NOTE THE ROOM CHANGE). Pat has been running the VE show for a number of years and does a super job. She's always happy to welcome new VEs to the team and new Hams to Ham Radio. Testing is on a walk-in basis. Bring a photo ID, handheld calculator, a photocopy or original of your current FCC-issued license, any CSCEs and \$15.00 for the exam fee. Call or email Pat for details, 910.584.1801.

Field Day 2015

CFARS will be participating in the ARRL annual Field Day event during the weekend of 26-28 June 2015 at Methodist University. Our very experienced Field Day Leader and current CFARS Vice President, **Dale AK4YS**, is in charge. He'll need plenty of help, so VOLUNTEER! Details will be discussed at the June CFARS meeting (I'll be at the WWII Museum with father-in-law). Let's take first place like we've done in the NC QSO Party and in Ten-Ten!

Ten-Ten International

Once again our **Possum Trot Chapter** of Ten-Ten International finished in **First Place** in the **Spring Digital AND Spring CW Contests**, with our own **Chuck KJ4RV finishing in the Top Ten in the world** in both contests. Below are the chapter scores. Thanks to **Bill KU4W** for leading the PT chapter in these events. WE NEED ALL OF CFARS TO HELP IN THESE CONTESTS! Get your 10-10 number (good for life) and help us win **Best in the World !!!**

CFARS Officers

President Van, N4ERM n4erm@arrl.net
Vice Pres.....Dale, AK4YS dale.mohr@yahoo.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.....Dale, AK4YS dale.mohr@yahoo.com
Health & Welfare...Mya, mya@embarqmail.com
VEC..Pat, N4UGH n4ughpat@aol.com
SwapfestDavid, KR4OE kr4oe@nc.rr.com
ARRL Bulletins....Irv, K3IRV irv47mc@gmail.com
Webmaster.....Reggie KK4NJC, info@neondawg.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 newsletter is part of your club membership. The right to vote on issues for the club also comes with membership.



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

Cfars_newsletter@yahoo.com



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

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



April 2015 Club Meeting Minutes

On May 18th the Cape Fear Amateur Radio Society meeting was called to order at 7:30 pm by **Van N4ERM**. The meeting was held in the Auditorium of the Science Building at Methodist University. **Van N4ERM** led the club in the Pledge of Allegiance. **Elton W4VGW** led the invocation. **Van N4ERM** led the introductions in the normal CFARS style.

Van N4ERM talked about the newsletter and mentioned there were a couple of call signs needing correction. A motion was made by **Chuck KJ4RV**, seconded by **Kelly N4EWG**, to approve the minutes as amended of the April meeting. By vote the motion carried.



COMMITTEE REPORTS:

Treasurer: **Chuck KJ4RV** gave the treasurer's report. We are still solvent.

Repeater: **Bill KU4W** told the club the repeaters were operational. Possum Trot Chapter of 10-10 International had come in 1st Place in the Spring Digital Contest. **Dick WB7OND** may be putting Echolink back up on the 440 repeater.

Net Manager: **Chuck, KJ4RV** gave the net report. He reminded us these were our repeaters and for all to take part in the nets.

Membership: **David KR4OE** gave a report on membership. We had three (3) new members, none of whom were present at the meeting. We will present their packages when they are available.

Health & Welfare: **Jackie KJ4XK**, was back with us for the first time since her husband, **Don KI4ZL**, became a silent key. Jackie expressed her thanks for the cards, prayers, and support she had received. A motion was made by **Van KG6HYJ**, seconded by **Van N4ERM**, that we send a \$100 memorial be sent to Healthkeepers Hospice in Don's name. By vote the motion carried.

Field Day: **Dale AK4YS** spoke about Field Day, passed a list around as to who would be available, when, and for what station. We need folks to volunteer to bring food.

Swapfest: **David KR4OE** reported that the Swapfest Ads were on the ARRL website and in the newsletter. If you need tables, give David a call. Setup will be Friday evening, and Saturday morning. He reported that membership was down since last year by 14 people. Bring folks out, build the club.

Old Business: **Van KG6HYJ** reported his findings on replacement of the tower. The cost for the tower ranged from \$6500 - \$7500, and the cost of site modification and services would be @ another \$7500. **Elton W4VGW**, **Van KG6HYJ** and **Van N4ERM** will form a committee to meet with the University about the tower replacement, possible relocation, and funding.

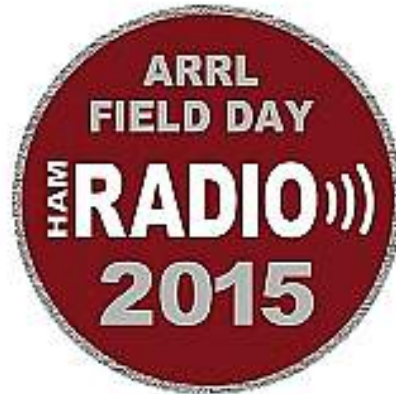
New Business: **Van KG6HYJ** gave a brief on the condition of the Field Day generator. He indicated that it needed a new muffler, new GFCL outlets, and distribution cables. A motion was made by **Elton W4VGW**, seconded by **Bonnie KF4LVF**, that \$1000 be allocated to make the modifications. By vote the motion carried. **Van KG6HYJ** will make the necessary repairs/modifications/purchases before Field Day.

Door Prize Drawing: **David KR4OE** conducted the door prize drawing. **Chuck KJ4RV** won a hat, **John W4RDU** won a multi meter and **David KR4OE** won a soldering station (donated by Bill KU4W).

A motion was made by **Irv K3IRV**, seconded by **Kelly N4EWG**, to adjourn the meeting. By vote the motion carried. The meeting was adjourned at 8:20 p.m.

Items For Sale

2 Mtr Mag Mount 1/2 Wave	\$ 35.00
Yaseau FC-10 Tuner	\$ 50.00
Vibroplex Paddle	\$ 45.00
Code Oscillator & Key	\$ 25.00
Royce CB Mobile & Mike	\$ 40.00
Sears SWR Bridge	\$ 10.00
G-800 SDX Yaseau Antenna Rotor	\$ 299.00
Uniden Scanner	\$ 100.00
Yaseau FT 840 HF/6mtr/2mt/70cm	\$ 624.00
Astron VS-50 m Amplifier	\$ 219.00
Antenna Matcher	\$ 75.00
Speakers (2)	\$ 10.00
SWR Bridge	\$ 10.00
Radio Shack Field Strength Meter	\$ 10.00
Antenna Switch MFJ-1702B	\$ 20.00
Ramsey CW Keyer	\$ 40.00
Yaseau FT-530 Handheld	\$ 100.00
Antenna Switch Model CS-6G	\$ 39.00
Icom IC-2100 2 Meter Rig	\$ 75.00
Icom IC-2000 2 Meter Rig	\$ 75.00
Head Phones	\$ 20.00
Microphone Turner Model 250 or 251	\$ 40.00
Yaseau Speaker Mike M4-12	\$ 15.00



June 27 - 28, 2015. Come on out and enjoy Field Day CFARS Style!!!

Upcoming CFARS Meeting

Dates

- June 15th
- July 20th
- August 17th
- September 21st
- October 19th

For more information contact Bill KU4W



James Allen Parker, Jr., 72, of Fayetteville, passed away, June 1, 2015 at Cape Fear Valley Medical Center. Born in Cumberland County, he is the son of James Allen Parker, Sr. and Naomi Jones Parker. He is preceded in death by his parents and a sister, Trudy Coburn.

He is survived by his wife of 51 years, Linda Parker, a daughter, Karen Parker and Fiancé Chad Nichols of Fayetteville; sisters, Joan Armstrong, of Fayetteville, and Diana Wilbert of Lakehurst, NJ; a brother, Wayne Parker of Vass, NC, and 2 grandchildren, Chelsey and Ashlyn Parsons.

Mr. Parker graduated from Massey Hill High School in 1961. He served in the US Navy and was a Vietnam Veteran receiving an honorable discharge. He worked at Black and Decker for thirty years as a material specialist and a truck driver. He was a member of the Possum Trot Radio Net. His handle was **KC4JAN** and his call number was **PT1459**. Mr. Parker was a Charter member of the

Atonement Baptist Church and was one of the original deacons. He was a loving husband, daddy, papa and brother. He was Uncle Jimmy to many nieces and nephews. He was known as a gentle and kind loving man. He will be missed by all who loved and knew him.

Jim KC4JAN was a longtime member of CFARS. Please remember Linda and the family members.

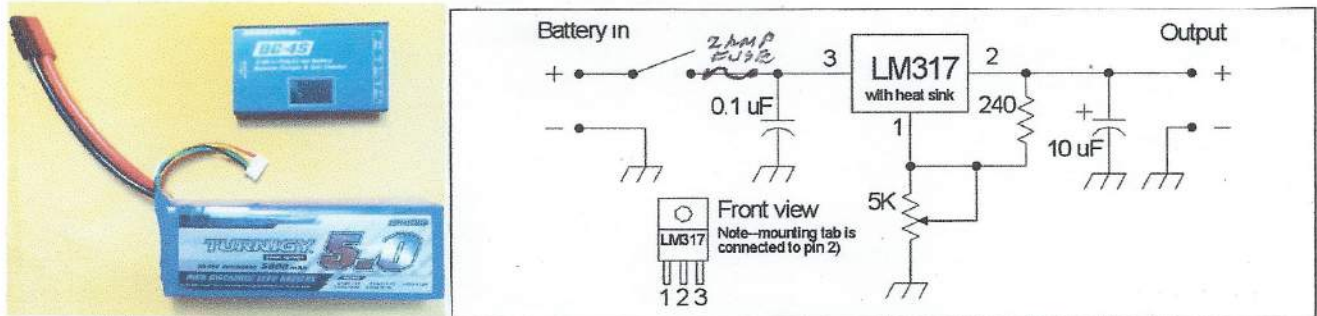
Build is Better than Buy

Radiated by "el Cheapo," N4ERM

A Simple Voltage Regulator

Some of us have taken to operating our QRP rigs from the great outdoors. Some have operated from their patios. Some have gone to the tops of mountains to activate SOTA (Summits On The Air) peaks. Others have taken their QRP equipment to North Carolina's wonderful state parks. All of these are great ways to see the *Old North State*, and to operate portable. Try it! I think you'll like it.

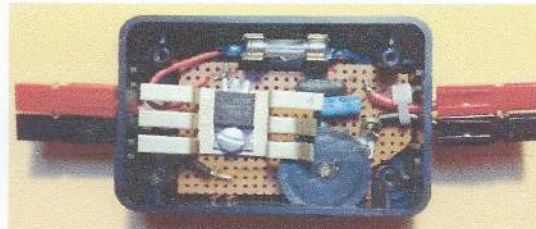
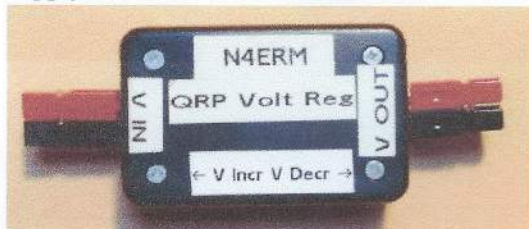
One problem with operating portable is how to power the radio. LiPo batteries are still relatively expensive. We've found some import houses who sell their batteries for a reasonable price. If you're unfamiliar with LiPo technology, you'll want to purchase a LiPo charger/cell minder with the battery, like the ones shown below.¹



Take a look at the simple LM317 voltage regulator circuit above. It uses only five discrete components in addition to the regulator (two capacitors, one electrolytic; two resistors, one variable; and an optional 2 Amp fuse.) Note the orientation of the LM317. I built mine on a small piece of perf board. Voltage from the battery goes in on pin 3, is regulated on pin 1 and comes out on pin 2. The regulator needs a heat sink to achieve 1.5 Amp capacity, which is sufficient to drive most QRP rigs at key down. Don't let the heat sink touch anything. The heat sink is mounted to pin 2, the output pin of the regulator.

My HB-1B transceiver displays input voltage, so there was no need for a meter on the regulator. If you want to display output voltage, there are lots of possibilities.²

I potted my variable voltage regulator in a small plastic box which I got from one of my favorite supply houses, All Electronics.³



¹ Hobby King at hobbyking.com

² Check out the digital displays at Buy in Coins at buyincoins.com

³ All Electronics at allelectronics.com

17th Annual Ole Fashioned

CFARS SwapFest

Sponsored by the Cape Fear Amateur Radio Society
Fayetteville, North Carolina

Saturday

August 8, 2015

8:00am to 12:00 noon

Cumberland County Shrine Club
7040 Ramsey St (US Hwy 401 N)

**No Admission!! No Fee for Tables!!!
Please help us keep this event free
by placing a monetary contribution in
the donation box so we can cover the rent
on the building!!!**

Talk-in: K4MN Repeater 146.910 (-) CTCSS 100Hz

VE Test Session Walk-ins Only Registration 9:00am Testing 9:30am

**Information and Table Reservations: David KR4OE kr4oe@nc.rr.com
(910)624-1394**

**ARRL VE Testing: Pat N4UGH n4ughpat@aol.com
(910)425-8003**

Set-up begins at 6:30am. If you need tables please call or email in advance. On the morning of the Swapfest see David KR4OE for tables.

Table Reservations highly recommended. All tables used last year.

Tail Gating available - - also FREE!!!