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**The President's Corner: Van N4ERM**

**Great Meeting!**

Our March CFARS Meeting broke all recent attendance records with over 40 attendees. Congratulations! The reason for this was the presentation by our own technical advisor, Dick WB7OND. His PowerPoint presentation on DMR, PMR, other digital modes such as D-star, Wires-X, System Fusion, etc was superb. He even provided the complete downloadable presentation for those who couldn't attend. Thanks, Dick!

**Talk about Great Meetings!?!**

Our Skywarn guy, Jim K14YRH, has arranged a Skywarn class for us. Here are the details:

On our normal meeting day, Monday 18 April, immediately following evening net check-in at 1900 hours, we'll have a brief CFARS monthly meeting. We'll be meeting in the big auditorium, room H-222 (where we used to meet) of the Hendricks Science Complex (the building surrounding our tower). At 1930 hours, we'll turn the meeting over to Ryan Ellis of the National Weather Service in Raleigh, to give the SKYWARN presentation. We have the classroom until 2200 hours. Our PR guy, Irv K3IRV, will be putting out the word as a Public Service Announcement to the radio, TV, and area news media, as well as to the local area ham clubs, ARES, and EOC personnel. Ben KM4ODT has volunteered to man our talk-in station on the 31/91 repeater for those coming from out of town. We still need a couple of folks to handle cell-phone calls. Please use my number (910.494.0001) as one of them. Bill KU4W will post the announcement on the repeater at the appropriate time. See you there!

**Annual County Shelter Commo Exercise**

On a date TBD in April we'll do our annual verification of emergency shelter antennas and coax. Following that, we'll do our shelter communications exercise to verify that each shelter can talk to the County EOC and to each other. We'll verify this using both CFARS 2-meter repeaters and simplex. More details to follow.

**SANDHILLS MS WALK**

Date: April 17, 2016

Location: Honeycutt Park, 352 Devers St., Fayetteville, NC (same as in past years).

Time: 1:00 PM Registration, 2:00 PM Start

Please plan to be there for registration (and to get your tee shirt) and stay for the duration. And you don't want to miss the second annual CFARS "Happy Hour" following the event!

**UPCOMING STUFF**

2 April – Raleigh Hamfest

? April – Annual inspection and Communications Exercise of County Shelters

17 April – Sandhills MS Walk

18 April – CFARS Monthly Meeting and SKYWARN PRESENTATION

22-24 April – Ten-Ten Spring Digital Contest

6-8 May – Ten-Ten Spring CW Contest

**See you there!**

**73 de Van N4ERM**

### CFARS Officers

President ..... Van, N4ERM n4erm@arrl.net  
Vice Pres.....Van, KJ6HYJ  
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  
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Information.....Kelly, N4EWG n4ewg@nc.rr.com  
Repeaters.....Bill, KU4W kc4swy@embarqmail.com  
Sky Warn.....Jim, KI4YRH ki4yrh@aol.com  
Field Day.....Bon, WA4WHV wa4whv@aol.com  
Health & Welfare...Mya, mya@embarqmail.com  
VEC.. .....Pat, N4UGH n4ughpat@aol.com  
Swapfest .....David, 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 right to vote on issues for the club comes with club membership.



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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](http://WWW.CFARSN.C.ORG/NEWS.PHP)**

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



### March 2016 Club Meeting Minutes

On March 21st the Cape Fear Amateur Radio Society meeting was called to order at 7:30 pm by **Van N4ERM**. The meeting was held in Room 220 of the Science Building at Methodist University. **Van N4ERM** led the club in the Pledge of Allegiance. **Bob WA4WHV** led the invocation. **Van N4ERM** led the introductions in the normal CFARS style.

**Van N4ERM** asked all if they had read the minutes of the last meeting. A motion was made by **Jim KI4YRH**, seconded by **George KM4ODS**, to approve the minutes of the February meeting. By vote the motion carried.



#### COMMITTEE REPORTS:

**Treasurer:** **Chuck KJ4RV** gave the treasurer's report. The club is still solvent. \$440 was spent on the news hex beam.

**Repeater:** **Bill KU4W** said the 440 repeater was down. **Jerry KA4ULH** has a lead on a new repeater and controller for \$850. **Bill KU4W** made a motion, seconded by **Jim KI4YRH**, to purchase the repeater and controller (Yaesu repeater and CAT-1000 controller). By vote the motion carried. **Jerry KA4ULH** will purchase necessary equipment. **Bill KU4W** said the rest of the repeaters were ok.

**Net Manager:** **Chuck KJ4RV** gave the Net Manager's report the numbers are up, as the temperature goes down.

**Membership:** **David KR4OE** reminded all that if they have not paid their dues by March 31<sup>st</sup> they would be dropped from membership in the club.

**Field Day:** **Bob WA4WHV** told us we had a great NC QSO party, and was looking forward to as good or better response for Field Day on June 24<sup>th</sup> and 25<sup>th</sup>.

**Health & Welfare:** **Reggie KK4NJC** had cataract surgery and has set up a gofundme page to help raise the necessary monies to pay for the procedure.

**VE Testing:** VE Testing was held last Saturday, and we have 5 new technicians and 1 new general. Congratulations for those who passed their tests.

**Public Relations:** **Irv K3IRV** told us that we had made a contribution to Methodist University for \$350.

**Old Business:** **Bill KJ4OFD** gave a quick brief regarding the trailer. It has been sandblasted, primed, and the cables replaced. The tower still needs to be painted and replaced on the trailer. Volunteers are requested to assist in finishing the job. **Chuck KJ4RV** reminded us that today was the last day to submit logs for the NC QSO party. The push-up pole and new hex beam antenna were used at the NC QSO party and worked well. **Sandy N3LDY** said tonight was the last night to order t-shirts.

**New Business:** **Jim KI4YRH** talked about *SKYWARN* and has arranged for a class on 18 April from 7:30pm to 9:30 pm. We need to have 20 people in attendance. We will start the April meeting at 7:00 pm to allow time for the class. **Van N4ERM** made a motion, seconded by **Bob WA4WHV**, we make a table banner. A banner will be purchased before the RARSfest in Raleigh. The *Sandhills MS Walk* will be Sunday April 17<sup>th</sup>. They have asked for volunteers to assist them. The *Sandhills MS Walk* will be Sunday April 17<sup>th</sup>. They have asked for volunteers to assist them.

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**Program:** **Dick WB7OND** gave an outstanding and informative presentation regarding Digital Radio, specifically DMR. Much information is available on [www.ncprn.net](http://www.ncprn.net).

**Announcements:** **Chuck KJ4RV** became Flying Pig #3751. Congrats Chuck. **Pete K4QFK** is making a trip to Uganda next Saturday and will try to obtain a license to operate there and make contacts for us.

**Door Prize:** **David KR4OE** held the Door Prize Drawing. **Ben KM4ODT** donated several Homeland Security books, this month's went to **Pete**. **Bob KK4TBD** won a multi meter and **Ben KM4ODT** won an antenna book.

A motion was made by **Gene N4ANV**, seconded by **Leighton KN4ZZ**, to adjourn the meeting. By vote the motion carried. The meeting was adjourned at 8:45 p.m. We had 32 members and 1 visitor present.

### *Upcoming Hamfests*

#### **April 16, 2016**

Catawba Valley Hamfest  
Morganton, North Carolina  
cvhamfest.com

#### **April 23, 2016**

26th Annual Down East Hamfest  
Kinston, North Carolina  
downeasthamfest.org

#### **May 7, 2016**

South Carolina State Convention  
Spartanburg, South Carolina  
brars.org

#### **May 14, 2016**

12th Annual Rockingham Swapfest  
Reidsville, North Carolina  
n4iv.org

#### **May 28, 2016**

Durhamfest  
Durham, North Carolina  
dfma.org

#### **June 11, 2016**

Winston Salem Classic Hamfest  
Winston Salem, North Carolina  
w4nc.com/ws\_classic\_hamfest\_2016.htm

### *Items for Sale*

- Hustler 5-BTV HF vertical  
Contact Shawn K1RZZ for more information
- Cushcraft A4S triband antenna with 40 meter add-on  
Ham IV Rotor with controller unit  
60-foot Rohn 25 tower with tapered top Section

Everything has been housed and is in pristine condition.

Asking \$1,000.00 for the package deal.  
Call Steve KA4CZL - - (910) 980-0062



Date: April 17, 2016

Location: Honeycutt Park, 352 Devers St., Fayetteville, NC (same as in past years).

Time: 1:00 PM Registration, 2:00 PM Start

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CFARS @ RARSFEST 2016





Dual-band 2-meter/440 Tape J-Pole

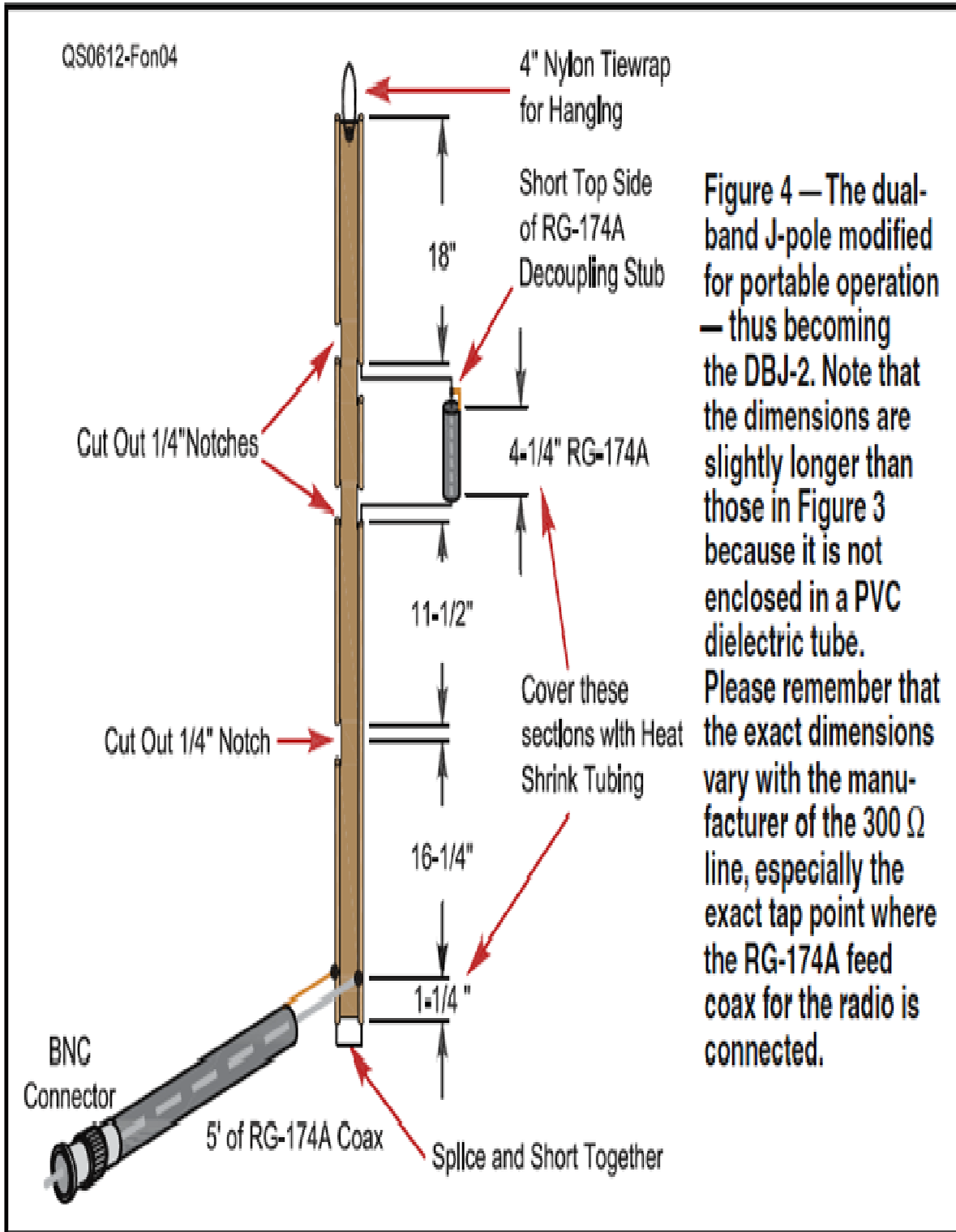


Figure 4 — The dual-band J-pole modified for portable operation — thus becoming the DBJ-2. Note that the dimensions are slightly longer than those in Figure 3 because it is not enclosed in a PVC dielectric tube. Please remember that the exact dimensions vary with the manufacturer of the 300 Ω line, especially the exact tap point where the RG-174A feed coax for the radio is connected.