

UP-LiNK



THE OFFICIAL PUBLICATION OF THE CHERRYVILLE REPEATER ASSOCIATION II, INC.



April 1999

FROM THE PRES...

Hi. Welcome to April. This is the month we cast our vote for officers of the club and return filled out our surveys.

Looks like we are going to have a good contest for some positions this year which is tremendous. If you are running for a board position then I say: 'Thanks for the commitment to your clubs administration'.

In my opening sentence I also mentioned the survey. I will be using the survey this year to make some adjustments to the way the club is run. Based upon the compilation of survey results, Each item will be discussed at some length at a subsequent board meeting and decided upon. Please care enough to fill it out and RETURN IT or BRING IT with you to the club meeting.

I must apologize for myself and the 1998-1999 board for not publishing last year's survey results. Unfortunately the task of compiling the results wasn't done until only a few months ago. The person that was going to do the job got sidetracked and I didn't follow up to get the results. I was pleased, however, to find out that some of the decisions we made as a board addressed some of the concerns expressed in the survey.

I won't make the mistake again of allowing the survey to just pass me by. I'm interested in seeing this club grow. I'm interested in getting the club involved in more activities. I'm interested in making the club more prominent in the community. Aren't you interested too? In my opinion this should be the premier Amateur radio Club in central New Jersey. After all, we have the premier repeater system on two meters with the widest coverage in the area. Tell me what you think... really!

Please take a few minutes now and fill out and return your survey. I'll appreciate your effort and carefully consider your comments.

73 Rob

BOARD MEETING Apr. 7
CRA II CLUB MEETING Apr. 9
Program: Hamfest Planning

HAMFEST MEETING APRIL 7th 6 PM

PUBLIC SERVICE

The M/S walk for Sunday April 18th on the public service calendar. We'll need 4-6 people for the walk it begins at the - Reading-Fleming School in Flemington. They would like us there 8:30-9:00am. Walk begins at 10:00am. N2UYV will coordinate this one.

The March of Dimes Walk is on Sunday April 25 (the day after the hamfest) we need 8 to 10 volunteers. W2CG will act as coordinator.

Future Events: We all know the 4th of July, Lebanon Parade. I think that the US Equestrian even will be June 20th (tentative date). The Skyland event is September 12th (I think second week - tentative date) The Battle of the Bands will be around Oct. 23. There is a EUR event in Nov. And Talisman in early Oct.

1999 CRA HAMFEST
April 24, 1999
WARREN COUNTY FARMERS FAIRGROUNDS

INSIDE: The return of our series of member interviews!

Here it is ...

AN INTERVIEW WITH CRA MEMBER BARRY CAMPBELL, W2CGX

1. How did you learn about Ham radio.

Got my first license in 1954, in junior high school; a couple of friends and I got started together. I guess I can point to a ham who lived down the street from me, but I don't remember whether he actually started my interest, or mainly peaked my interest. His name was Herman Vorgang; I don't remember his call. This was out in Columbus, Ohio. I used to go down to his house, every so often, and he'd get on the air. He did a lot of CW work. He had an old AM transmitter that ran a fair amount of power. I remember that whenever he keyed the transmitter the lights would blink.

Later, when I heard that the local Columbus club (which still exists) was holding Ham Radio classes, a good friend and I went to the classes, and studied together, and got our Novice licenses (mine was WN8TJJ, and I was about 15 years old). Of course, in those days the Novice license was only good for a year, and was not renewable. You had to upgrade to stay on the air, so we immediately started our upgrade studies.

On my third attempt, I passed the General Class exam. That was 1955. In those days you had to pass both the code and written exams in one sitting to get a license. There was no credit given for previously passed elements. Also, at that time, when you upgraded they simply removed the "N" from your call; so I became W8TJJ. I held that call until I moved to New Jersey in 1966.

In the intervening years my school buddies and I played around with rigs like the old TBS-50 (Harvey-Wells), and an old Heath AT-1 transmitter (which was my primary CW transmitter), and a Heath DX-100, which I built. I Used that with an old Hallicrafters SX-110 receiver.

I built a 10-meter folded ground plane antenna out of copper tubing, and attached it to the chimney. That thing worked beautifully. Man, I was working all over the place on 10 meters (This was AM stuff in those days.) My rig was in my bedroom, right next to my bed. In later years, after I moved to New Jersey, I listened to some of Jean Sheppard's tales of his ham radio childhood, and recognized myself as a kid.

2. How did you learn about the CRA?

I didn't learn about that until Sandra signed up for the license course at the Hunterdon High School. I sat in on some of the classes to keep her company, and when she went to a club meeting after passing her exam, I went with her. That's how we got involved with the CRA.

The thing that struck us most was the friendly nature of the organization. I was a member of two other clubs, and had

become less than enamored of the in-fighting and politics that went on in some of them, so the CRA was a welcome change.

I really enjoy Cherryville because there are so many different things to do as a member.

3. Are there any other Hams in your family?

Well, in addition to my wife Sandra (KB2YJX), I have four boys, two of which are licensed. One is Brian (N2RDL), who is a CRA member. The other is his twin brother Bruce (N2SVK), who lives in southern California, and is currently inactive.

4. What aspects of Ham radio interest you most?

Probably all of them; and that's one of the beauties of amateur radio. There are so many facets that one can get involved in. Over the years I have thoroughly enjoyed construction projects; I've enjoyed DXing on the HF bands, but I'm not a big contester; I've enjoyed CW operation; I've most recently become involved with APRS (Automatic Position Reporting System), and that started because of my interest in the weather via the SKYWARN training that many of us received several months back. At the very end of the SKYWARN training they put on a demonstration of APRS and I resolved that I had to get involved in this fascinating activity.

Another thing that I kind of fell in love with was working with Don, KB2EBL, in Satellite communication last Field Day. I just find that extremely fascinating, and plan to work with him again during the coming Field Day.

I've also enjoyed working with the HF digital modes such as PACTOR, Packet, and RTTY (which I've been involved with for many years - going back to my days in Air Force MARS). I joined the MARS program back in the late 60's, and stayed involved until the early 80's, when I just ran out of time. At one time I was NJ State MARS director.

5. What are your favorite bands and which do you currently work?

I'd say I easily spend 90-percent of my HF operating time on 20 meters, although, when its open I really love 17 meters; its nice and quiet, and when its open there's nice DX on it. I've done some work on 30 meters, which is a nice CW band. And now is a fun time to get up on 10 meters, which is open virtually every day.

6. What kind of equipment do you operate?

For 2 meters and 440 MHz I use a Kenwood 733 in the basement, and another one in the car. The HF rig in the car is an ICOM 706 MarkII. The HF equipment in the basement is an ICOM 737, which is a nice rig. For almost 30 years I had a Yaesu FTDX-400, a vacuum tube rig, which I bought In Japan, while on leave from my Army duties in Korea. But let me tell you the whole story.

I spent a year in Korea. When the USS Pueblo was captured, my Air National Guard unit was activated. I was shipped to the southwestern coast of Korea, about 300 miles from China. I took with me an old Viking I transmitter and the SX-110 receiver (I was a First Lieutenant and I got to live in a Hooch, which is a little house in which five of us lived.) I had the rig set up in the living room.

I built a cubical quad antenna for 20 meters, using the local bamboo, driven by an "armstrong" rotor (muscle powered). I had obtained a Korean license {HL9WQ}, and I had great fun working 20 meters over there. But then, fairly early on I had the opportunity to fly to Japan to take care of some business at our Headquarters, and I thought that while I was there I would visit the Yaesu company, which was in Tokyo. I had someone write down the directions, and started off.

Now here's a guy who doesn't speak any Japanese, takes a train through Tokyo (all signs and station names are in Japanese characters), got off, tried to find a taxi (it took me three before I found someone who, though he had no English, agreed to take me to the place written on my piece of paper.) We arrive at a house, and the driver points to it and nods his head. I saw an antenna on the house, but it did not look like a factory to me. The driver motioned me out of the cab, I paid him, and he's gone. So, I went up to this little house, looked inside, and saw all of these shoes lined up. (It was an apartment house.) I called out several times, but got no response.

I walked halfway around the block and saw some guys working on the street. They didn't speak any English either, but I showed them my piece of paper. They didn't know anything about it, but they took me up to the door of this one house and knocked on the door. The woman who came to the door spoke absolutely beautiful English. She was a professor at a nearby university. She called Yaesu, using the phone number on my piece of paper and got exact location information. Then she said "come with me", took me two blocks down the road, hailed a taxi, and gave him detailed directions. I couldn't thank her enough, and of course the taxi took me right to the Yaesu plant, where I bought one of the very first FT-101's. I also bought an FLDX-2000 amplifier.

Then came the job of lugging these things back; in the taxi, on the train, on the plane, back to the base in Korea. So I got these things on the air, BUT, every morning, at ten minutes to eight, I got the most horrendous front-end overload from a nearby teletype station (which nobody told me about). So I talked to the factory by phone, and ended up taking the rig all the way back to Japan, to the factory. It happens that the early FT-101's had transistors in the front end, instead of FET's. So they traded me for an FTDX-400, which worked beautifully for the next 30 years. I still have the amplifier. That was a real adventure for me.

7. What kind of work do you do?

I am the Computer Technology Coordinator at SCTI (Somerset County Technical Institute), and I do some teaching there. Prior to that I ran my own computer services consulting company for about 10 years, and prior to that I spent 24 years at AT&T, where I ran two broadcast-quality Television studios for many years, did a lot of public relations work, and did media relations (dealing with the press), until I took a retirement package in 1989.

8. What other interests do you have besides Ham radio?

Well, I'm a licensed private pilot. I haven't flown for a while, but I used to fly an awful lot, and I plan to get back into it before too long. I started a First Aid squad back in 1973, up in what is now Longhill Township. I enjoy photography. A few years ago I started an organization called Save Bridgewater, to help control development in that township when I lived there. I sat on the Bridgewater Board of Adjustment for about five years, before we moved our current residence in Branchburg.

9. What do you feel the CRA offers you?

I think it offers hams, in general, tremendous camaraderie. Of course, CRA is not just a repeater club; it is involved in a number of different activities, and I find that extremely attractive to anyone who is looking for an active organization. I've heard a number of members say that they chose Cherryville because it's an active group. That's important to a lot of folks; it's important to me. I think the most important activity of the organization is its public service. I have never seen an organization that does THAT MUCH public service.

10. What can you do, or have you done, to help the CRA?

Well, I'm on the Board (of directors). I've been asked "What does the board do?" The Board meets two days prior to the monthly meeting, and structures, in many respects, what's going to take place at the meeting. A lot of the activities that are needed to make things come off are discussed, so that time can be saved at the general meeting. The Board also makes policy for the club, and brings issues to the attention of the club at large. An important thing about our Board meetings is that they are open to anyone who wants to attend.

I participate in a good many of the public service events. I participate, with great glee, in Field Day; I love Field Day. I am on the Education Committee, which conducts the newly revived Ham training courses, and coordinates subsequent VE testing. Our current class promises to yield several new hams. George (W2RIJ) and I are very pleased with the response we're getting.

11. Are there any special thoughts you'd like to pass along to the other CRA members?

One of my duties this year has been to bring together a slate of candidates for the coming club election. I Guess, if anything, I'd like to encourage other members to get involved

in the workings of your club. It's not as difficult as one might think. Each of the officer's jobs can be done by virtually anyone in the organization. I realize that they seem scary to some folks, and we need to find ways to make them less scary. Please get involved and come on out and help.

Morris County Coordinator: Art Storm (K2TRK)
<astorm@mail.webspan.net>

NWS Mt. Holly website: <http://wx2phi.skywarn.net/>

KE2HG ARRL PHONE SCORE

Please note that this was a multi operator/ single transmitter station operated by KE2HG and KB2DDM. CT reports that we operated for 14.3 hours of the available 48.

Band	Qs	Countries
160	0	0 (No antenna for 160)
80	2	2
40	41	27
20	199	69
15	152	75
10	90	60
Total	484	233 for 332,724 points.

Just so the club knows that it is possible to get involved in a contest without having a small fortune invested in radios and antennas...

Rig Kenwood TS940S/AT
Amp Kenwood TL 922
10,15,20 antenna KT34A (4 el tribander) @ 32' AGL
40 Dipole @ 35' AGL
80 Dipole @ 25' AGL
Gap vertical 10-80

We relied heavily on reading out packet spots and working multipliers. There is NO propagation from here to Japan or Asia. We worked a lot of Europeans and some South America, Africa and Caribbean. I was only able to run for a short while on 15 m and never very well at that.

We did, however, work our (read that as MY) DXCC and get 3/4 of the way to single band DXCC over the weekend on 15m alone. We got a lot of very nice comments on our signal from many stations and felt very good about what we accomplished with such a modest station.

The important thing is that we had a lot of fun. No matter how much or how little time and equipment you might have, contesting can be a lot of fun.

Duncan MacRae KE2HG@fast.net

SKYWARN TRAINING

Tuesday April 20th at 8 PM for the SKYWARN Spotter Training at the Morris County Police and Fire Academy.

Deb McKay, N2TTP Sussex County SKYWARN Coordinator
<deborah@warwick.net>

CLASSES A SUCCESS

The license class is over, but the shouting has just begun!

The last Novice/Technician session wrapped up on March 16, and two days later Marty Grozinski, W2CG and his band of VE's showed up at the Technical Institute to administer a variety of exams to seven hopefuls. Of the seven, four either upgraded or obtained new licenses.

Of the original class members, only three were left to take the exam. Three others were out of town on business or such, and plan to take the exam at the hamfest. There was much excitement and smiling faces after the session as the candidates congratulated each other. As this is written, each of the successes is scouring the websites to find their new call or notification of the upgrade--it hadn't arrived yet.

I sincerely wish to thank the members of the club who participated in the teaching of the course. Special thanks goes to George Lehmkuhl, W2RIJ. George was there every class session teaching Morse code. Thanks also to Rob France, N3QDC and Tim McLaughlin, N2UYV for lecturing some of the classes. We can't announce the names of the successes, but I'll just say congratulations to the new hams and the upgraded ones too! --Barry Campbell, Education Committee

NEWS FROM THE HUDSON LOOP -

K3JF NEW NNJ SECTION MANAGER

Roy Edwards, AB2RE, of Neptune, New Jersey, has formally resigned as ARRL Northern New Jersey Section Manager. The resignation has been officially accepted by the League. Edwards has been succeeded by Jeff Friedman, K3JF, of Succasunna, New Jersey. Friedman was the only person to submit a petition to run for election to the post before the March 5 deadline and has been declared elected.

Both Edwards and ARRL Hudson Division Director Frank Fallon, N2FF, asked that Friedman be immediately appointed to fill out the balance of AB2RE's term which expires on July 1, the date K3JF's new two year term begins. Edwards served one term and took office in similar fashion in 1997 when he succeeded Rich Moseson, W2VU.

Friedman is no stranger to leadership jobs in the section. He served for four years as president of the Splitrock Amateur Radio Association and has been an appointed Hudson Division assistant director for the past two years. K3JF is

also a four-year veteran of the volunteer examiner program with the ARRL VEC.

The new section manager says he is looking forward to fulfilling the duties of the position and, with the capable assistance of his fellow amateurs, managing ARRL field activities in the NNJ Section. K3JF is active on all bands from HF to 70 cm and particularly likes HF mobile work. League members in Northern New Jersey can contact Jeff via e-mail at k3jf@worldnet.att.net.

-- NNJ Section Press Release

HAMFEST NEWS

Hello Club Members,

As the Hamfest draws closer and closer I would like to take this opportunity to bring you all up to date. The club sign-up sheet needs some fill-ins for setup, takedown & cleanup. Also the 2 shift relief for the food concession needs to be rounded out a bit.

The next Hamfest meeting will be April 7th 1999 at the Cherryville Communication Center. At this time I would like all of the Chair folks for the Groups to attend and pick up there packages. (Food will be provided) the packages will be basically the same as last year. 2 inch binder with current Roster included a Description of what's involved plus current sign-up sheet.

Please plan on attending as this is the last regularly scheduled meeting before the Hamfest unless we have an Emergency meeting.

You all can feel special in your hearts for taking the time to Volunteer for this fine event and the Club appreciates it.

73's Randy & Mike

LAST CALL MEMBERSHIP RENEWAL

DUES STRUCTURE:

REGULAR MEMBERSHIP	\$30.00
FAMILY MEMBERSHIP	\$45.00
SENIOR MEMBERSHIP	\$20.00

Unpaid members lose all Club benefits and mailings after the April meeting.

HAMFEST CALENDAR

April 5 Delaware Valley RA, Hamilton Twncsp, NJ
April 24, 1999 **1999 CRA HAMFEST**
June 19 Raritan Valley RC, Dunellen NJ
October 4 Packrats: location to be announced!
yes, the old drive-in is really gone this time!

ELECTIONS

Election committee is still taking nominations for officer and board member positions. As of the last Club meeting, there was at least one person running for each position except Treasurer. If you would like to run, or nominate someone, to that or any other position, see W2CGX or KA2TOV. We would like to have at least 2 people running for each position. The election takes place at the April meeting, and nominations are closed at the end of the March meeting.

FOR SALE

Icom IC-735 HF rig. 160 through 10 meters, General coverage receiver. Extras with radio: SM6 desk mike, 500 hz CW filter, & Electronic Keyer. Asking \$ 675.00. Willing to entertain reasonable offer. Home phone # is: 215-795-0283 or 215-795-0391. Leave message on answering machine if not at home. Or e-mail me to kwoolard@comcat.com. Thanks

Kevin & Karen Woolard
KD3KZ & N3QQT

THE TEN MOST COMMON TOWER BUILDING MISTAKES

After working on over 100 amateur radio tower and antenna systems over the last 15 years, I have seen many problems and failures that could have, and should have, been avoided. By not making these mistakes, you can make your tower and antenna system safer and more reliable. It'll even let you sleep nights better.

1. Not following the manufacturer's specifications

Commercially manufactured towers have to comply with current standards for wind loading and structural integrity. Licensed Professional Engineers (PE's) design the towers and make the calculations to make them safe. If you don't follow their specs at a minimum, the tower will not take the stresses and loads that it is subject to. In other words, it'll probably fail.

2. Overloading

This is the most common reason for amateur tower failure. The first thing you need to know to plan and build a tower and antenna system is what the wind speed rating for your county is. Next, you need the manufacturer's specifications for that wind speed. Then you must not exceed the wind load rating based on those factors. This is even more important for crankup towers. Refer also to number 1.

3. Underestimating wind forces

Wind pressure on a tower and antenna system can be tremendous. Unless you've been up on a tower during a windstorm to feel the pressure and the forces, it's difficult to appreciate how significant they are. Increases in wind pressure are not linear, they are geometric.

4. Not building to the wind speed rating for the county

While many counties in the US are only rated for 70 MPH winds, many other counties have ratings much higher, up to 115 MPH. Find out what the wind speed rating is for your county, or your specific location, and use that as the minimum design parameter for your tower and antenna system. See also number 1 and 3 above.

>5. Using the wrong mast for the job

Medium to large sized HF beams can put huge stresses on your mast. Know the difference between pipe and tubing as well as the pressure that your antenna system will put on the mast (tubing is generally acceptable, pipe is not). Then you can make sure that your mast will not bend or break in a big windstorm.

6. Not having the guy wires tensioned properly

Proper guy wire tension is a critical part of a tower's ability to handle wind stresses. Having the wrong tension can be like driving your car with over- or under-inflated tires; it is potentially dangerous and is not the proper specification from the manufacturer. Find out the proper tension for your installation and tension them correctly.

7. Not having a proper ground system

A good ground system is necessary not only for lightning protection but also for minimizing RFI to adjacent electronic devices.

8. Not doing an annual inspection

Your tower and antennas system is in a constant state of deterioration. While it may be a slow process, it is going on continually. The best way to find and fix small problems before they grow into big problems and potential calamities is by doing an annual inspection.

9. Not fitting the tower sections on the ground

Tower sections, new or used, may not fit easily together. It's much easier to correct alignment problems on the ground than up on the tower.

10. Using the wrong hardware

Since tower and antenna materials are in a constant state of deterioration, you should only use hardware that minimizes corrosion. Galvanized or stainless steel materials are the only ones that will survive outdoor use reliably. Using the wrong hardware includes using non-closed-eye eyebolts. Use only forged or welded eye-bolts since the wrong type can open up accidentally with disastrous results.

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W2GD 160 TEAM SCORE

Location: U.S. Coast Guard Station, Sandy Hook, NJ
Entry Class: Multi-op High Power

QSOs	W/VE	DX	SCORE
1273	57	59	574,000 points

Operators: K2SQ, K2TW, N2AA, N2NC, W2CG, W1GD, W2GD, W2NO, W2RQ, and KB5U

Contest Soapbox: It was obvious from the start that the 1999 CQ160 CW contest would be different. There generally were fewer stations to work and band conditions reflected the increased solar activity. It later became evident that conditions were better in the southern US than in the northeast.

After the first night, our total number of DX contacts was down 25 % compared to 1998. We heard the Europeans working each other just fine but there were only brief periods when signals peaked sufficiently to sustain runs, the best time being near EU sunrise. At times we wondered if the antenna had fallen down. Conditions to the west were not that great either, as evidenced by few WA and no VE7 stations in the log the first night.

During the day Saturday, W1GD and KB5U came in to operate the "graveyard shift". Its always amazing that there are stations to work throughout the contest, but the 8 hours of daylight operation are the most difficult to stay focused and motivated. Thanks guys for your help.

Saturday evening just before dark N2NC joined the team for "prime time". Conditions were much better to Europe and we managed to make 200 of our 300+ ten pointers during the course of the second evening. But there were times it required 4 sets of ears listening to the same station, on three separate receivers, to pull out a complete callsign. Signals were often very weak, with deep QSB and some QRN. We're

still kicking ourselves for missing W5XX in Mississippi for a mult (next year Mal). We were also very disappointed the normal enhancement of DX signals at EU sunrise didn't materialize. No VK or JA contacts were made, although we heard both.

This contest is always a big team effort for us and this year was no exception. Three pre-contest weekend work parties were needed to get the antennas ready (seven beverages require putting up lots of support poles). Much of the fun during the weekend is the constant swapping of contesting stories amongst ourselves when not sitting in one of the operating seats. Throughout the first night the shack was quite cold (K2SQ even had his gloves on at one point), so W2NO came to our rescue the next day by "rejuvenating" a 4KW space heater. Saturday night the shack was much more comfortable despite howling 35 knot winds and a temperature in the mid-teens outside.

When the final bell rang, the results of the score exchange with W1BB came as quite a real shock. We fully expected the New Englanders to have the lead with their great Cape Cod location and experienced team of operators. Little did we know the W8JI team down in GA had amassed a huge score and in all probability would have won easily if not plagued by thunderstorm QRN. Congratulations to all the multi-ops groups worldwide for their fine efforts. The CQ 160 CW contest multi-op category remains one of the most competitive in all of radiosporting.

It won't be known until late in 1999 whether we'll be back on the HOOK for next year's contest. The Coast Guard wants to demolish the building we use for shelter. "Field Day in January" is too much fun to miss.

Final Australian Maritime Morse Code Broadcast

The ?? indicate missed copy due fading & change of channel.

ER CQCQC ???? = THIS IS THE FINAL MORSE TRANSMISSIONS FROM THE TELSTRA MARITIME COMMUNICATIONS NETWORK. WE CONCLUDE CW WATCHKEEPING AFTER 87 YEARS OF CONTINUOUS SERVICE WITH PRIDE AND SADNESS.

TELSTRA, THE AUSTRALIAN MARITIME SAFETY AUTHORITY AND THE BUREAU OF METEOROLOGY WISH ALL SEAFARERS FAIR WINDS AND FOLLOWING SEAS. ON BEHALF OF THE COUNTLESS SOULS WHO WOULD HAVE DIED BUT FOR THEM, WE SALUTE ALL WHO HAVE SERVED OUR PROFESSION WITH SKILL AND EDUCATION THROUGH THE YEARS. 73S = 31ST JANUARY 1999 > 2359 UTC + sk

73 de Bruce VK4EHT Brisbane, Australia.

CRA II CLUB INFORMATION

The Cherryville Repeater Association II is a non profit New Jersey Corporation dedicated to Community Service Through Communication. **Meetings** are held on the second Friday of each month at 8:00 PM at the **Flemington Baptist Church** unless otherwise announced. Visitors are always welcome! Also, everyone is welcome on the Thursday Night Traffic Net, at 8 PM every Thursday, followed at 9:30 by the Swap-Net, and the ARES-RACES net at 7:30 PM on the first Thursday each month, all on the 147.375 repeater.

OFFICERS:

Pres: N3QDC, Rob France (215) 766-8066
N3QDC@Worldnet.ATT.Net
VP: KD2EL, Peter Russo (908) 832-5798
Sec: KB2RWY Cheryl McLaughlin (908) 253-8783
Treas.: N3ODB, Elaine Kita (610) 252-6193
Technical Committee Chairman: N3MSK, Ed Kita (610) 252-6193

CLUB INFO LINE (908) 788-4080

WEBSITE: www.qsl.net/w2cra

REPEATERS

147.375 + 147.015 + (5Z)
224.120 - 444.850 + 446.475
W2CRA PACKET FREQUENCY: 145.51

CRA CALENDAR EVENTS

April 7 Board Meeting
April 9 Club Meeting
April 18 MS Walk Public service event
APRIL 24 CRA II HAMFEST
April 25 March of Dimes Walk Public service
May 12 Board Meeting
May 14 Club Meeting
MAY 14-16 DAYTON HAMVENTION
June 25-27 Field Day
July 4 Lebanon Parade

UPLiNK A CRA II Publication

Editors Marty Grozinski, W2CG

Roster & Mailing: mjgrozi@postoffice.ptd.net
Keith Burt, KB5U

Articles & Info: kb5u@blast.net
Roberto Matos, K2PA: Interviews

Many thanks to all those who have contributed information and/or articles, including: The Hudson Division Loop, N2FF, WX2DEB, N3QDC, W2CGX, N2OCW, ARRL, ARRL Letter, & QST, and all others not mentioned for their help. This newsletter is an open forum for the Cherryville Repeater Association II Inc. members. The opinions contained herein are those of the authors who have contributed their work. The officers and members of the CRA II Inc. are not liable for its contents. Articles and information are always welcome. Articles are occasionally edited for space and punctuation, etc.

Deadline for all issues shall be the Wednesday 2 weeks before the Board meetings.

UPLiNK

CHERRYVILLE REPEATER ASSOCIATION II, Inc.
P.O. BOX 308
QUAKERTOWN, NJ 08868

THE CHERRYVILLE REPEATER ASSOCIATION II

A non profit New Jersey Corporation dedicated to Community Service Through Communication.

Members actively participate in local emergencies requiring communications from tornadoes to blizzards to floods, as well as providing health and safety communications for events such as walk-a-thons, bike-a-thons, tri-athlons and parades.

Traffic Net, at 8 PM every Thursday, followed at 9:30 by the Swap-Net - 147.375 repeater

ARES-RACES net at 7:30 PM on the first Thursday each month- 147.375 repeater

	REPEATERS	
2 meters	147.375 +	147.015 + (5Z)
220	224.120 -	
440	444.850 +	446.475-
CLUB INFO LINE (908) 788-4080	WEBSITE www.qsl.net/w2cra	PACKET W2CRA 145.51

Watch for upcoming public service events, dates inside.

• CRA II HAMFEST SATURDAY APRIL 24 •