

UP-LiNK



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



June 1999

**BOARD MEETING June 9
CRA II CLUB MEETING June 11**

**FIELD DAY JUNE 25-27
LEBANON PARADE JULY 4**

SCHOLARSHIP WINNERS ANNOUNCED

The Cherryville Repeater Association announced at the May 14, 1999 meeting that the following high school seniors were the recipients of CRA's Annual Memorial Scholarship:

- * Alexander Palilonis-in the amount of \$500.00; and,
- * Nicole Grozinski - in the amount of \$400.00.

Alexander Palilonis, KC2BQI, of Lambertville, is a graduating senior presently attending South Hunterdon Regional High School. Alexander is also a member of CRA and can be heard occasionally on .375. He plans on attending Drexel University in the fall. Nicole Grozinski, of Flemington, is a graduating senior currently attending Hunterdon Central High School. Her dad, Marty Grozinski, W2CG, is a very active member of CRA. Both students displayed academic excellence and community service.

These attributes along with other criteria were used by the scholarship committee during the decision making process. Each recipient has been invited to attend the June 11, 1999 club meeting. At that time the scholarship committee, John Crovelli, W2GD, Elaine Langdon, KB2ERI and Patrick Mauro, N2ZVY along with club President Rob France, N3QDC, will present each winner with a scholarship certificate. The CRA memorial scholarship committee accepts applications from club members and relatives of club members.

FIELD DAY JUNE 25-27TH

PUBLIC SERVICE

Regarding Public Service, please make a note that the 4th of July Parade will be at a different time this year. We would like the club members to assemble in the park at 11:30 A.M. The Parade starts this year at 1:30 P.M.. We need a lot of help as usual, so please come out for this event. Its a lot of fun too! Also, the Skylands Triathlon date has been confirmed as September 19th, not September 12th as previously stated..

For those who have not been to the parade before, CRA is an integral part of the whole event. Charlie is involved in the planning and meetings all year long, and usually goes in the day before to set up the loudspeaker system for the area. On the morning of the parade, CRA members line the parade route to get all the participants into the correct positions and relay info to and from the committee members. When all looks good, we give the OK to start the parade. Duncan often drives the lead vehicle, and other CRA members march with the Club banner. The rest of us continue to feed information and keep the participants in line and the parade moving smoothly.

Tim

From the Pres...

Guess what this month is! That's right... the month that contains Field Day!!

Field day is one of my favorite times of the year. I hope its one of your favorites too. Mark your calendars for June 25, 26, and 27. You know the drill already... setup on Friday afternoon and Saturday morning, operate Saturday 2:00pm local into Sunday 2:00pm local and tear everything down immediately after. Of course we'll have food, too. Come to the site Friday at noon for general instructions and preparation for setup.

We need help this year with campers used for station shelter. We need at least two campers. If you have one that we could borrow for the weekend, please call me at 215-766-8066 or 908-439-2200 extension 5593 as soon as possible.

And as always, we need fresh bodies Sunday afternoon at 2:00pm for teardown. If you can help at all, that will be the time we need you the most.

On another note, I've had a stroke of luck... My father, trash-picker extraordinaire, happened upon a few items in his neighbors trash that looked like radio gear. He wasn't sure what it was but he grabbed it or me. The neighbor was a ham (don't know the call sign) and is vacating the premises in a hurry. He hasn't used the equipment for awhile and isn't even sure it worked. I was elated to find a Kenwood TS-180S, power supply, remote VFO-180, and cables in very good condition. The receiver works fairly well as far as I can tell; haven't tried transmit yet (just got the equip into the shack tonight, 5-25). Also included is a Heathkit HA-10 kilowatt linear and at least a dozen 811 tubes. He also has a tri-band beam that I need to take apart. I'll be on the air in no time with this equip. Now if I only had a tower.

Anyway, I guess that's all for now.
73, Robert, N3QDC

BTW- Lisa and I enjoyed "The Phantom Menace". If you liked Star wars, it's worth seeing. Lots of action. We saw it three times in it's first week (which isn't normal for me... it just sort of happened that way).

W2GD ELECTED TO CONTEST HALL OF FAME

John, W2GD, was elected to the Contest Hall of Fame at the Contest Dinner at Dayton Saturday night. Its a high honor and well deserved. John scored almost 30 million points in contests last year! Way to go John!!!!

Hamfest list

- June 12 Eastern PA Section Conv. Columbia- Montour
ARC Bloomsbury, PA
- June 13 Long Island Mobile ARC Bethpage, NY
- June 19 Raritan Valley RC Dunellen, NJ**
- July 3 Murgas ARC Wilkes Barre (Dallas) PA
- July 11 Mid-Island ARC Patchogue, NY
- July 11 Mid-Atlantic ARC Kimberton, PA
- July 18 Jonestown Mountain Repeater Assn.
Beach Haven, PA
- Oct. 4 Packrats: location to be announced!
Yes, the old drive-in is really gone this time!

HUDSON DIVISION WELL REPRESENTED AT DAYTON

This year's Dayton Hamvention proved once again to be the "Mecca" of amateur radio. With attendance unofficially listed at nearly 28,000, the Hudson Division was well represented. The Hamvention Banquet on Saturday attracted a capacity crowd and a large community attendance for the concert presented by Joe Walsh, WB6ACU. The Richens/Timm Irish Dancers performed as the opening act.

Walsh, himself an avid DXer and contester, performed many of his more familiar chart toppers made famous by The James Gang and The Eagles. Young hams, baby boomers, and QCWA members alike all crowded the area in front of the stage clapping and cheering Walsh and his band to an encore. Walsh was also seen on the Hamvention floor touring the exhibits, signing autographs, and (we suspect) doing some shopping of his own.

THE HUDSON LOOP

CLUB MERCHANDISE AVAILABLE

"T" Shirts
Golf Shirts
Sweat Shirts
Hooded Sweat Shirts
Wind Breakers
Hats
Totes

All are emblazoned with the CRA logo, ordered to your size, and in some cases your choice of colors. Most are blue with gold imprint, some reversed to gold with blue, and also blue on white.

For more information:
Contact George N2VWL at n2vw1@juno.com

NEXT MONTH:

Our series by K2PA returns with an interview with N2UYV.

YOU Are Invited to the CRA II ARRL FIELD DAY – Come Have Some FUN!

Place: Hunterdon County Library, Route 12, Two Miles West of Flemington

When: Friday, Saturday and Sunday, June 25, 26 and 27 (MARK Your Calendars Now!)

Participating in the annual ARRL Field Day is an important tradition for the Cherryville Repeater Association.. From our "public" site on the grounds of the Hunterdon County Library on Route 12 just west of Flemington, we demonstrate how Amateur Radio operators are ready to provide communications under emergency conditions. Field Day is a total club effort and ALL club members, regardless of your experience or license class, are encouraged to join in the fun. Like the club's annual hamfest, this event offers opportunities for everyone to participate in ways that are in line with your own unique talents, skills, and time budget. Nearly 50% of CRA members help out in this team effort, which in the past has resulted in national recognition and exposure for our club, with winning scores in our entry class.

Duncan, KE2HG, and Rob, N3QDC, are co-chairpersons for this year's event. Duncan and Rob are coordinating logistics, power, equipment transportation and acquisition of equipment, while John, W2GD, is assisting with operational activities. Tim, N2UYV, is again looking forward to mentoring the new operators in our Novice tent while the food crew will do their best to keep us well nourished under the food tarp (if you haven't heard the food is really good and so is the conversation!). Behind the scenes planning for the 1999 CRA effort has been going on for months. FIVE primary HF stations (one more than past years), a Novice/Technician HF station, a VHF phone station, and a Satellite station will be set up for our participation in the "4A" (4 transmitter) club category. We plan to erect 7 towers (nearly 300 feet of club tower) and 13 antennas. It is a first class layout by any standard. The club's 10KW and 4 KW generators will supply uninterrupted emergency power, and laptop computers loaded with FD logging software make possible automated logging and scoring.

NOVICE TENT: I will be looking for a coded Tech or a Novice for the Novice Tent. I will be bringing a tent and helping get things set up. I think that John, will be finding a different rig this year to help cut down on the interference. Its a lot of fun, so plan to come out and operate. We have a space for every one regardless of their skill level. Last year the phone bands were really open, and a lot of contacts were made. We need a few dedicated operators to help with code during the night. This is the Novice tent so come out and help. You don't need to be 20 words a minute in CW to help with code in this tent. Operators at any speed are welcome!. So come on out and have some fun! See me at the June meeting. Tim N2UYV

The schedule of events on Field Day weekend includes:

Friday Afternoon	2 PM - 6:15 PM	Site Set-up at Hunterdon County Library (build antennas, put together and raise towers, greet visitors)
	6:15 PM	Barbecue - Dogs and Burgers - All Invited!
Saturday	9 AM to 2 PM	Set-up Novice/Tech., VHF Phone, and Satellite Station Finish Antennas, install power grid, station. setup and testing
	Noon	Lunch
	2 PM	Field Day Operating Period Starts - callsign W2GD
	5:30 to 6:30 PM	Dinner – bring the family!
	6:30 PM till wee hours	Lots of informal socializing under the dining tarp
Sunday Morning	7 to 8 AM	Breakfast
Sunday Afternoon	Noon	The Famous Chili Festival (Lunch)
	2 PM to 5:30 PM	Operating Ends, Site Teardown and Cleanup
	WE NEED LOTS OF HELP at 2 PM!!!!	

Let's work together to make the 1999 Field Day another Cherryville RA success story.
Come down to the site and participate in the FUN! **Bring the whole family!**

A CONTEST STORY

P40W @ P43P – 1999 ARRL DX CW

This trip almost didn't happen. As the New Year began I was completing a long-term consulting engagement and awaiting the start of my next assignment that would mean spending about 60% of my time in Illinois over the next several months. I had to inform my employer before the start of the Illinois assignment that I intended on taking several days of vacation time in mid-February (not an easy thing to do under most circumstances at the beginning of a consulting engagement).

An email announcing my intentions was quickly dispatched to those who should be aware of such things. In the consulting business, it is best to declare your "prior arrangements" in advance, making it a little more difficult for the powers that be to alter those plans. I didn't know it at the time but this strategy would pay handsome dividends as events later unfolded. I then had to find a station that would require a minimum of pre-contest prep time, your basic plug and play. An important objective was to use the minimum number of vacation days (saving the time for other expeditions later in the year, most importantly in October and November). The ideal scenario would be a Thursday afternoon arrival and a late Monday afternoon departure. This would provide sufficient time to familiarize myself with the host station, make minor changes or repairs as necessary, and still enjoy some "beach" time. This eliminated using my own station on Aruba, since I would be going there not knowing what was broken, and the normal prep time is a full day or more. I really wanted that "beach" time – life is just too short. Fortunately Jacob, P43P, invited me to use his station during the ARRL CW weekend, since he was only planning an all out SOAB HP effort for SSB (by the way he'll be signing P40B). This was looking really great, a new station, great location and effective antennas.

Jose, P40E/CT1BOH had already proven this station was truly world-class, setting the record SOAB score in last year's CQWW CW. The final step was acquiring airline tickets that wouldn't require taking a second mortgage on my still uncompleted new house. February falls within the Caribbean high season, and this was further compounded by the Presidents Week school vacation period occurring around the ARRL DX CW weekend. Just booking on short notice would be a challenge. I first tried the new internet service called "Price Line" without success. Maybe offering to pay only \$400 for a round trip ticket this time of year was a bit too optimistic. Then I tried a more conventional internet travel agent (Expedia), but the Thursday morning/Monday afternoon itinerary was showing ticket prices in the \$850+ range. That was far too expensive for my taste (hey, hams are allowed, even expected to be cheap aren't they?). So I abandoned my original approach and kept feeding alternative days and times into the computer. It finally found a \$505 + tax fare that met my price reasonability test. It would require taking an extra vacation day on the back end of the trip and settling for an 11:35 p.m. Thursday night arrival and 8 a.m.

Tuesday morning departure. Nothing's perfect, I booked the flight on American Airlines with routing via San Juan. Then two weeks later the pilots at American Airlines began their sick out. I kept checking the AA website and everyday one of my scheduled flights was being canceled. Of course I would not have minded getting stranded on Aruba all that much, but the flights going south bound were being effected as well. It wasn't until 2 days before departure that the actions of a Texas judge brought the pilots back to work and American back on a regular schedule.

About a week before scheduled departure, my client asks me if I could be in Illinois the Tuesday morning after the contest for an important meeting. Oops. I reminded her of my previously announced vacation plans. She then kept telling me it didn't matter, vacation time is sacred, blah blah blah, but I knew she wasn't happy. I discussed this with my firm's Executive Vice President. After a little serious negotiating, I managed to have them commit to paying for the entire plane ticket as a reward for canceling part of my vacation and the inconvenience of traveling directly back from Aruba to the job site in Illinois. Getting my vacation plans out front earlier in the month was now paying huge dividends; essentially I now had a nearly FREE DXpedition to my favorite island. But to get back in time would require flying directly to Chicago without a return home (to NJ). The only routing available when I booked was Aruba/San Juan/Philadelphia/Chicago. An eleven-hour return trip. It was booked figuring this wasn't much of a sacrifice given circumstances. Departure day, Thursday, February 18th finally rolls around. My plane is scheduled to leave at 4 p.m. from Newark, NJ. I returned home from Illinois the night before, packed the Alpha 87A and enough clothes for a week, and proceeded to go to work Thursday morning for several hours. Arrived at Newark Airport in plenty of time to lug the bags carrying the Alpha to American for check-in. Little did I know the fun (to be read aggravation) was about to begin. Sitting at the gate waiting for boarding to begin, I noticed the pilot, co-pilot, and then the stewardesses exiting the plane. Then the plane was moved away from the gate. Bells began to go off in my head; this was NOT a good sign. I approached the ticket counter to inquire and they told me the plane had a mechanical problem and would not be flying to San Juan. Another plane would be available in about an hour but there was no way I would make the late San Juan connection to Aruba that evening. They refused to hold the flight in San Juan. Searching the computer for alternative routing was futile; there were no other flights to Aruba available until the next morning. The best I could do was fly to Miami and catch the first flight to Aruba from there. Total bummer! Not having much choice I had them book me to Miami on a United Airlines flight that left in about 3 hours. They then had to retrieve my bags from the plane and I had to lug them over to United for check-in. More hassle, and my anticipated Friday "beach time" was no longer part of the plan. As luck would have it departure of the United flight to Miami was delayed 45 minutes due to fueling problems. I finally reached the soil of southern Florida at 11:15 p.m. Thursday night and then had to hunt down an American Airlines agent to collect a hotel voucher. That

done it was another 40 minute wait for the Hotel Van to appear. Finally got to my room around 12:30 a.m. Nothing like getting plenty of rest before a contest. NOT!

The AA flight to Aruba the next morning went off on time and arrived on Aruba at 2:35 p.m. local (the contest starts at 8 p.m. local time). Jacob, P43P, met me at immigration to let me know he had an important last minute business meeting to attend and that I should just wait for him outside the terminal. The minutes tick by, the start of the contest looms closer and closer, and no Jacob. Finally, about 4 p.m. he appears. After a quick trip to the supermarket in town, we arrive at his home on the north side of the island just before 5 p.m. Prior plans for putting up a north beverage were shelved. It was much more important that we get the Alpha 87A on line and I become well acquainted with his station's antenna switching, accessories, and the FT1000MP, a radio I had ever used before. Fortunately the Alpha 87A withstood all the abuse the many luggage jockeys had thrown its way and fired right up. That left playing with the station and getting things setup so I felt comfortable. There would be no pre-contest nap on this trip. Jacob has built a fabulous station over the past 10 months. The site provides an ocean view from northeast through west. Next to the house stands a 65-foot Rohn 45G tower upon which is mounted, from top to bottom: Force 12 15/10 meter duobander, 5 elements on each band Force 12 80M Rotatable Dipole Force 12 40/20 meter duobander, 2 elements on 40 and 5 elements on 20 160 Meter Inverted V C4XL 40 through 10 meter multiband antenna side-mounted at about 35 feet. There is also a Cushcraft 4 element 15 meter beam on a separate 30' pole and beverages strung among the cactus toward the US, Europe, and Africa. Inside the shack, a large isolated air conditioned room on the second floor of the house (for me this was really living compared to my "bunker" shack three miles away that is "naturally" air conditioned), is a large operating position table. All of the transmitting antennas are automatically switched using a Top Ten switching unit. Several antennas can be fed simultaneously with a WX0B power divider. Finally there are separate beverage preamps for 40, 80 and 160 as well as a front end saver device to protect his receiver. I'd never used an FT1000MP before (two 15+ year old TS930's still serve me well) so it was a bit of culture shock with all the knobs and buttons. Some of the controls, most notably the drive and break-in controls seem poorly located. But after about 45 minutes I had mastered all the essential items. Actually, the receiver with DSP enabled was pretty hot, good selectivity and great audio. I used the 500 cycle filters about 95 percent of the time, and the 2.0 kHz filters during some slow periods. Started the contest on 20 with a bang, 223 contacts in the first hour and 657 in just over 3 hours before moving down to 160, 80 and then to 40. During the first trip to 160 at about 0310 Z I discovered the beverage system was no longer working.

Evidently something had failed in the front-end saver device which wasn't allowing signals to get through. I could bang the device and it would be good for one transmission before going silent again. So for the rest of the weekend I was forced to do without the beverages. Fortunately Saturday night was exceptionally quiet and listening on the transmit

antennas was not a burden. By the end of the sixth hour, 1184 contacts were in the log, a very cool 196 per hour rate. I was having visions of keeping up the pace and going for the current SOAB HP record of around 6,300 QSOs set by N5TJ@VP5V back in 1993. But conditions would soon take a significant turn for the worst for those of us south of the border. For the remainder of the night and early morning I continued the normal pattern of moving between 40, 160 and 80. The rate naturally drops as operators take their sleep break after EU sunrise and before local sunrise. Complicating things was bad low band QRN, which made pulling signals out on 160 and to some degree on 80 a difficult exercise.

It was during the early morning hours that I noticed the SWR creeping upon on the highest 2 element 40 yagi. Eventually it would exceed the limits of tolerance for the Alpha 87A and I had to switch to the lower 40 meter beam. Then it happened again, the SWR starting upward with almost the exact same results. Only lowering the power level to about 500 watts kept me alive on 40 meters. Evidently it had not rained for two weeks prior to the contest, and salt residue had built up on the antennas, causing arching across the insulators (this creates quite a light show for the neighbors). Fortunately we were able to repair the lower beam sufficiently late Saturday afternoon to again have full power capability during the remainder of the event. Once the sun came up Saturday morning, I started the 20, 15 and 10 meter operating cycle. All three bands quickly opened to the states but I could immediately tell, hearing very loud signals from Europe on all three bands, that the morning hours were going to be very tough. It is so hard to get the attention of stateside ops when competing against loud EU signals, especially being in the absolute null of most yagis when beaming in that direction. I'm sure I surprised many of the big guns when I called them while in S&P mode on 15 and 10 early Saturday morning. This produced a better rate than I had been generating while CQing. After about four hours in a markedly slow 110 to 125 per hour rate range the pace quickened into the 170's again as the Europeans faded and conditions favoring S.A. took over on 10 meters.

I probably overplayed the 10 meter run by about an hour. The best back to back hours of the contest were 2000 through 2200 Z, with consecutive 240 and 202 hours on 15 meters. That's what I call being "in the zone". Ultimately closed out the first full day on 15, but the rate was once again beginning to nosedive as an excellent Asian opening took hold. With 3,441 contacts in the log after 24 hours, it was clear my hopes of breaking the record would wait for another year. My lack of rest before the contest was now really starting to take its toll.

Numerous times I caught myself sleeping while sending. Not sure if my keying hand goes into autopilot but most times when I came back to consciousness, what I heard seemed reasonably intelligible (e.g. TEST P40W). FYI, I still use paddle and keyer for about 65 to 70 percent of all cw contest operating. I begin to feel disconnected when the contest becomes mostly a matter of continuously pressing F1 through F5. Sending by hand provides a way to insert of some "personality" into the signal (how many of you

remember the swing of W4KFC's fist? Of course with a keyer it is more inflection through rhythm.) Maybe no one else feels this way but I get a certain psychological boost being more connected to the action in this way. Not having working beverages, it was fortunate the low bands were extremely quiet Saturday night. A 30-minute stop on 160 at 0300Z yielded 76 contacts and four new multipliers. Rates overall were in the 120 per hour range for the first six hours of Day 2.

But at 0600 my body was sending serious messages that it needed rest. Jacob has a very comfortable reclining easy chair in the shack. I made the mistake of sitting in that chair for a short rest break. Well, you can guess what happened. Luckily my host came by 4 hours later to remind me why I had made this difficult journey. The next 6 hours of operating, through the morning hours, were simply dismal. The average rate was paltry 50 contacts per hour. No matter what I tried, it seemed impossible to attract attention. Constant band changes, varying sending speed and sending style, nothing worked. It seemed as if an electronic wall had been erected along the southern border of North America and only signals from Europe or Asia were allowed to enter. The Europeans were pounding in at 30 over on both 15 and 10 meters. When you have become conditioned to expect triple digit rates this is absolute torture. My resolve to continue was quickly waning and thoughts of just going to the beach were entering my head far too frequently. And probably most importantly I'd convinced myself that the competition (WP3R) was now even and pulling ahead. The Europeans finally started to weaken about noon local time and the rates again went up into a more normal 130/hr range. But it seemed streaky, still far too many unanswered CQs. Throughout the afternoon Jacob and I had frequent conversations out on the porch, where I took the opportunity to enjoy some sun and he told me about his plans for a second tower and the Aruba Amateur Radio Society's plans for the next IARU contest. I suppose this was a form of capitulation to conditions, I was just going through the motions. No new multipliers were worked in the last five hours of the contest, despite making numerous skeds on 80 and 160 for the last hour. At the end, I had 5,178 contacts and 336 mults, well below prior efforts as P40W and far behind my pre-contest expectations. Before taking my hosts to dinner, Jacob and I stopped by 75 meters to catch some scores. A large group of the Caribbean crowd was on frequency lamenting how excellent conditions to Europe and Asia had made the going difficult at times.

Rich, KE3Q@WP3R appeared on frequency and we exchanged scores. Being ready to hear really bad news I was totally surprised, shocked, and then elated when he made it known he had about 400 fewer QSOs and six less multipliers. It was an instant replay of the emotions I had experienced two weeks earlier when the W1BB@K2ZM crew announced their score following the CQ160 CW event, when we learned our efforts from Sandy Hook had been a success. Upon hearing the numbers P43P was understandably happy that his station had likely been piloted to top dog status in both the CQWW and ARRL DX CW contests. I was simply emotionally spent. Never say never. A lesson learned once

again. Upon our return from dinner everything was packed since I had to be up at 6 a.m. the next morning for an 8:05 a.m. departure to San Juan.

There was reason to believe my plane reservations were screwed up in the American Airlines computer system. While operating Saturday Jacob worked some magic with American by getting me switched to the direct flight from San Juan to Chicago, instead of my previously scheduled San Juan/Philadelphia/Chicago routing. That saved three hours of travel time and tons of aggravation. Reflecting later about my 64-hour Aruba adventure, I was particularly struck by the contrast of experiencing, in a single day, a South American sunrise with light breezes and 75 degree temperatures and a Chicagoland sunset where the temperature was hovering in the mid-20s. Despite all the detours and difficulties along the way, it all turned out to be a great experience. I want to especially thank P43P and his family for their hospitality. This will be a weekend not soon forgotten. Thanks Jacob. 73, John W2GD/P40W
QSL via N2MM.

AMATEUR ENFORCEMENT LINE DISCONTINUED

From ARRL Bulletin 28 (ARLB028) April 29

The FCC has discontinued its Amateur Enforcement Line (202.418.1184) for amateur radio complaints and now requests ham-related complaints be sent either via e-mail to fccham@fcc.gov or by mail. The FCC instituted the telephone service last fall when it beefed up amateur enforcement under the direction of Riley Hollingsworth, K4ZDH. However, the FCC never intended to maintain the telephone service permanently. Complaints sent via the US Postal Service go to: Compliance and Information Bureau, Attn: Amateur Radio Complaints, 1270 Fairfield Rd, Gettysburg, PA 17325. The FCC said this week that complaints already filed on the telephone service will be acted upon, and anyone who has left a message will receive a return call from Commission staff.

US CARRIER JAMS GARAGE DOOR OPENERS

Jim Linton, VK3PC, reports in Australia's QNews that, when the aircraft carrier USS Carl Vinson moored in Hobart's Derwent River last month, a problem developed for people with radio operated garage door openers. The Australian Communications Authority issued a public warning that a signal from the warship was overloading hand-held controllers used for door openers. Many garage doors just would not open when the ship berthed at dock. The ACA said the hand-held controllers used the same frequency as a transmitter on the ship in spectrum that is shared by defence services and class licensed low interference potential devices. Australian defence installations generally avoid

these frequencies but changing the frequency aboard the US ship was too complex to do in the few days of its visit. When the USS Carl Vinson left Hobart, the operation of garage doors in Australia returned to normal.

This Week in Amateur Radio/QNews

INTERESTING WEB SITES

The ARRL has a web site regarding propagation which you can go to which is:

<http://www.arrl.org/wlaw/prop/>

This gives the weekly bulletins, plus other information. Also, folks might want to check out the following sites for information regarding sunspot activity, geomagnetic disturbances and the like.

Northwest Research Associates - (<http://www.nwra.com>) That contains information obtained from NASA:

<http://www.nwra.com/nwra/spawx/tiros.html>.

West Jersey DX Group web site:

www.qsl.net/wj2dx

STATE TOWER BILLS

From "The ARRL Letter" April 23: The Texas Senate has approved the Amateur Radio "tower bill," and the measure appears headed for passage. The Texas bill, HB-1345, would incorporate the essence of the limited federal preemption, PRB-1, into state law. The measure would amend the Local Government Code in Texas to prevent local jurisdictions from enacting or enforcing ordinances that fail to comply with PRB-1. The bill further would require ordinances dealing with Amateur Radio antenna placement, screening, or height based on health, safety or aesthetics to "reasonably accommodate amateur communications" and "represent the minimal practicable regulation to accomplish the municipality's or county's legitimate purpose." A similar measure has been inching its way through the Maine legislature.

CRA 911 System WB2NQV Repeater (147.375)	
<u>Dial:</u>	<u>To Contact:</u>
9-1-1	Hunterdon County Communications (For All Emergencies Regardless of Location)
9-1-0	Hunterdon County Communications (If 9-1-1 doesn't work)
9-1-2	Somerset County Communications
9-1-3	Middlesex County Communications
9-1-4	New Jersey State Police - Parkway & Turnpike

cut and save this card in your car or wallet

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@att.net
VP: KB2DDM, Susan MacRea (908) 475-5299
KB2DDM@fast.net
Sec: N3ODB, Elaine Kita (610) 252-6193
Treas: Brian Campbell, N2RDL (610) 559-1509
lupinus@fast.net
Technical Chairman: N3MSK, Ed Kita (610) 252-6193
n3msk@amsat.org

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

June 9 Board meeting
June 11 Club meeting
June 25-27 Field Day
July 4 Lebanon Parade
Skyland Triathlon September 19th
The Battle of the Bands will be around Oct. 23

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, 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.

• FIELD DAY JUNE 25-27TH •