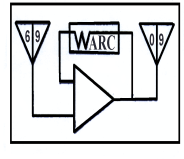




FEEDBACK



Warminster Amateur Radio Club

Web Site <http://www.k3dn.org>

September 2006

Next Meeting Sept. 7th - Emergency Communications & ARES

President's Message



Do you have a backup radio?
 How about a second antenna?
 What do you do if your battery dies?
 Got a backup?
 You know how useful a backup can be when the need arises, you just pick up the backup and keep going. Well, this is what leads me to introduce a new program Buddy Up.

I would like each of the committee Chairpersons to find someone to "Buddy Up" with. By this I mean I would like you to find an assistant, and share with them the information you have and use to do what you do. I'm not asking you to give them your duties, but, just like having a backup piece of gear that is "at the ready," I would like to have a backup buddy for each of our committee chairs.

Each committee is there for a reason. It was specifically created to serve a need. Just as some look forward to the newsletter arriving in the mail (I do) and others look forward to a particular donut at the meeting, and others look forward to field day or hamfest or calling in to the net, for example, I think each of the people primarily responsible for those duties would like to know that someone "has their back" in case of sickness, family emergency, or what have you.

We are all people with lives outside of the club and sometimes things get the better of us. The goal of "Buddy Up" is to share information about what you do, how you do it, when you do it, etc. The person you share it with is encouraged to help out so they can get the feel for certain things. For instance, running the net takes a certain amount of confidence that comes best by doing it repeatedly. But other things are more a matter of physically sharing

2006 Contest Calendar

Tennessee QSO Party 1800Z, Sep 10 to 0100Z, Sep 11
 South Carolina QSO Party 1300Z, Sep 16 to 2100Z, Sep 17
 Texas QSO Party 1400Z, Sep 23 to 0200Z, Sep 24 and 1400Z-2000Z, Sep 24
 Arkansas QSO Party 1600Z, Sep 30 to 0600Z, Oct 1 and 1800Z, Oct 1 to 0200Z, Oct 2

September 9 - 11 ARRL September VHF QSO Party
 16 - 17 ARRL 10 GHz and Up Contest

November 4 - 6 ARRL November Sweepstakes (CW)
 18 - 20 ARRL November Sweepstakes (Phone)

the "to do" list and verbally walking through it a couple times.

This way, if family obligations planned months in advance make it so a committee chair person is unable to facilitate a particular event, there is a go to person who has his, or her, back and can step in to fill their shoes without an un-necessary scramble and a lot of worry and confusion.

This happened recently during the Willow Grove Air Show. There actually is no chairperson specifically for this event. But when the member who normally acts as liaison to the Air Force needed someone to step in in his absence, he had no Buddy who already knew what was going on and could easily step in and take the baton. A failure to plan is planning to fail. There is no one to point the finger at here, but it provided a clear and present example of why we need to Buddy Up right now.

I am also guilty of needing a Buddy because trips planned months ago have taken me away during meetings. The Club's constitution is already designed to cover my Presidential butt. Not so with almost all the other Chairs. So this presents both a need, and an opportunity. A chairperson for one thing can be the Buddy for another. This is fine and I myself will be contacting other Chairs to be their

Buddy.

But this is also an opportunity for club members who haven't taken on a key role, but don't really want everyday obligations. There are over 100 of you and just a few key activities that really need someone to Buddy Up. You can help the club, and your fellow club members. This is also an opportunity for Chairpersons to go out into the community and seek new assistance. Create alliances and relationships that go beyond the walls of the Benjamin Wilson Senior Center.

What is most important is that we Buddy Up. Everyone is a buddy to somebody in the club. Now I ask you to Buddy Up to a Chairperson and get just a little bit involved with how the

(Continued on page 2)

The Warminster Amateur Radio Club is a volunteer-based organization. Without the selfless work performed by volunteers such as yourself, there would be no Club.



PROGRAMS

Thursday September 7, 2006 *Emergency Communications and ARES*

Torrential rains! Flooding! High winds! Lightning strikes! Power outages! It has been a wild summer and local hams have been called upon to assist in handling disaster communications. Several members of Bucks County ARES, many also WARC members, will report on what has been happening and on how BCARES hams have been a vital part of disaster relief. Don't miss this exciting update.

Thursday October 5, 2006 *QSL Card Night*

Many of us have a collection of hundreds or even thousands of QSL cards. Do you have a card from a rare DX station? Cards from countries that do not exist today? Strange or unusual cards? Dig into those file drawers and old shoe boxes. Find your favorite QSL cards to share with other club members. (Yes, you can even bring eQSL print outs!!)

Thursday November 2, 2006 *ARRL Night*

What is happening in ham radio today? What is the ARRL is doing for ham radio and for you? Eric Olena WB3FPL and Norm Fusaro W3IZ join us for an informative evening to answer these and many other questions. Don't miss this important update! A question and answer session will be included.

Thursday December 7, 2006 *Annual Holiday Dinner*

Spend time with friends and enjoy some special food. Bring your significant other. Bring a non-perishable food item to donate. Come one, come all to the WARC Annual Holiday Dinner. A fun time for all club members.

Thursday January 4, 2007 *Operating From DX Locations*

Have you ever operated a ham radio station in another country? Join WARC's own Irwin Darack KD3DB as well as Andy Vavra KD3RF as they share some of their adventures in traveling to many far off lands and operating ham radio in some fascinating DX locations. Don't miss this exciting evening.

Thursday February 1, 2007 *Club Auction*

Going once...going twice...Yes, February is the time for our annual club auction. Check those closets and bring in that gear you don't use any more, those parts that are just taking up space, or that "junk" you have been meaning to get rid of, and donate it to the club. We will auction it off to other interested hams who may find your "junk" their treasure. Bring along some cash. You may find some treasures as well. As usual, Tom Michaud WA3TQJ will be our master auctioneer.

Thursday March 1, 2007 *Ham Radio Equipment Update*

Rick Lamb from HRO in Delaware returns to discuss the latest in ham equipment and what is happening in the world of ham radio retailing. Find out what is "hot" in new equipment. Find out what is good and what is not so good in used gear. The program will include time for Q and A, so come prepared with your questions.

Thursday April 5, 2007 *To Be Announced*

Thursday May 3, 2007 *Hamfest Preparations/Nomination of Officers*

More to be announced.

Thursday June 7, 2007 *Homebrew, Cool Gadgets, and Pizza Night/Election of Officers*

It's Pizza Night and that means it's show-and-tell time again! Bring in that homebrewed gear you just built, that kit you just finished, or that unusual gadget that you use in your shack. This is your chance to show it off!! Come out and see everyone's "stuff" while you enjoy some delicious pizza. It's also **election night**. Remember WARC is your club and you decide who will direct it for the next year – so come out and vote.

(Continued from page 1)
club is run.

Anthony Burokas - KB3DVS -
President
Warminster Amateur Radio Club -
<http://K3DN.org>

**Warminster Amateur Radio Club
Minutes for the General
Membership Meeting
THU 03 AUG 06**

- Meeting was called to order by
President, Anthony (KB3DVS) at
7:35pm.

INTRODUCTIONS:

VISITORS:

MINUTES FROM THE 06 JUL 06
MEETING:

- Minutes accepted with following
corrections to Bill (K3ZMA)
2006 Field Day report:

<u>BAND</u>	<u>CW</u>
<u>SSB</u>	
80	
212	Alan (KA3YCG)
40	18
259	Mark (N3GNW)
20	16
72	Don (N3OZO)
15	15
24	Bill ((K3ZMA)

TREASURER'S REPORT –
DENISE (KB3ANO):

- Money taken in, money spent,
money invested, lots left over

MEMBERSHIP: Mark
(WA3QVU):

- 95 paid up members at the 27 JUL
board meeting. 100 today.
- Would like to see it up to 120 or

so, but we'll take what we can get.

- Changes next fall: Handing out
renewal notices in the mail: Large
envelope with the renewal notice and
a small return envelope and a card
reminding you of your dues, same as
ARRL method.

- We can collect the ARRL dues for
the club so we get our \$2.00 credit.
Make out your ARRL dues check to
WARC for the full amount. We have
the ARRL forms to send to ARRL.

- Your ARRL dues need not coincide
with your WARC club renewal time.
You can do this anytime via WARC.

- If you are due a membership card
or badge, please collect them. We
have a whole bag of badges.

PUBLIC SERVICE: George
(N3HBT):

- Only 2 fall events scheduled; more
could crop up.

(Continued on page 3)

(Continued from page 2)

- Sign up sheet at SEP meeting for OCT events.
- MON 09 OCT: 5-Ponds Golf Course Hole in One competition: 0730-01:30.
- Nice hot buffet meal afterwards.
- 10 OPS needed.
- SAT 14 OCT: 0900-1200 Warminster Community Park: 5-K run to benefit Craig Hall Historical Society and their renovation program. 12 OPS needed.

- Polish American Festival: Burt (N3YVH):
- 02-03-04, 09-10 SEP: Everyone is welcome to come out to enjoy the festival.
- Radio OP volunteers are needed.
- Same positions are available as last year. Mention your preferences on sign-up sheet.
- New Chevrolet being raffled off.
- OP needed at the ambulance at all times to provide a direct contact to the police in case of an emergency.

- Todd (KB3LCT): Info on hamfests:
 - SAT 05 AUG: Ithaca, NY;
 - SUN 06 AUG: Jonestown.
 - 12-13 AUG: Lancaster, NY.

PROGRAMS FOR FUTURE CLUB MEETINGS:

- Larry (WA3ELQ):
- THU 07 SEP: Emergency Communications & ARES by Harris Stein (NY3H) plus couple of others:
- Will report on summer's emergencies in the county area.
- THU 05 OCT: QSL Card night:
 - Unusual QSLs: Artistic ones, Rare countries,
- THU 19 OCT: Pack Rats meeting in Senior Center: We are invited:
- Speaker: NASA Astronaut Craig Olsen
- THU 02 NOV: ARRL night: Eric Olena plus hopefully a couple of others as well.
- THU 07 DEC: Annual Holiday Dinner:
- THU 04 JAN: Operating from DX locations during travels:
 - Irwin (KD3TB) and Andy (K3DRF)
- THU 01 FEB: Club auction: Tom (WA3TQJ) Auctioneer.
- THU 01 MAR: Rick Lamb, HRO:

New ham radio products.

- Larry (WA3ELQ): If you have an idea for a program, please let me know. We are looking for more ideas.

GOOD AND WELFARE:

- Unavailable

OLD BUSINESS:

- None

NEW BUSINESS:

- Catalogs, Frequency charts courtesy of Dennis (K3EG).
- Burt (N3YVH) brought in promotional hoagie samples.
- George (KA3WXV) Technician Classes will be starting up 07pm->9pm TUE 12 SEP.
- George (N3HBT) Lockable cabinet will be moved upstairs when the weather breaks.
- It will house a power supply, the Kenwood TS-440, etc.
- Bryan (K3EXA) willing to talk to anyone about ARES.
 - Willing to listen to suggested inputs about the repeater and to take care of them.
- Mark (WA3QVU):
 - The old Reading Westinghouse building has been vacant for years and they are in the process of converting it into an exhibition hall.
 - They are having their EXPOS out there starting the end of JUNE.
 - They are having a train show there SAT + SUN. I will be going to that to check it out.
 - I'd like to get a hold of any ham in the Reading area who is a member of the amateur radio club out there. I want to find out what they are interested in: Possibly setting up demos, hobby shows: we could give them a hand. Anybody who knows anyone out in Reading, please let me know.

TONIGHT'S PROGRAM: ELMER QUESTIONS:

- 1) Discuss grounding in the shack
- Refer to ARRL Handbook
- Refer to QST A UG 06
- Provide as many paths as you can

- to go away from the house
- Strong winds can also produce high voltages
- Snow flakes can also generate a HV charge
- 2) How do I take an SWR reading on 2m and 70cm? (VHF and UHF?)
- 3) In an emergency situation do I have the right to assist someone on a frequency not authorized on my license class?
 - Yes
- 4) Request an update on BPL: What would it look like on a scope or spectrum analyzer and what does it sound like?
 - ARRL web site has samples of different BPL sounds.
- 5) Any restrictions on operating 2m, 440 onboard a cruise ship operating in US waters?
 - You must get permission from crew. Int'l waters captain is final rule.
 - Within boundaries of another country you must follow their rules.
- 6) Any other U.S.A call signs other than A, K, N, W prefixes?
 - No, that's it.
- 7) What is ICS-213 form used for?
 - FEMA Federal Emergency Management
- 8) Can you give a brief intro into HF digital radio?
 - Yes, it is called CW
 - Suggest PSK31
 - Published frequencies are in each band
- 9) How do you solder?
 - Refer to QST MAR 06
 - Joint must be clean
 - Right amount of heat
 - Use proper flux

Meeting adjourned at 8:52 pm

Respectfully submitted by
 Jeremy Robinson (K2AKW),
 Secretary

CLUB STATION

The WARC club station is open to anyone with an interest, on Tuesday evenings between the hours of 7:00 and 9:00 pm. For further information, call George Brechmann N3HBT at 215-443-5656.

(Continued on page 4)

(Continued from page 3)

WARC ALUMNI MEMBERSHIP

Attention all former WARC members. At the March 4, 1999 General Meeting, revisions to our club's constitution were approved that among other things, establishes a new Alumni membership category for former WARC members who are unable to attend meeting and Club activities on a regular basis due to health considerations or travel impediments. Dues for the Alumni membership were established at \$8.00 annually to cover the costs of printing and mailing our monthly FEEDBACK newsletter. Contact Alumni Coordinator Randy Gehman (N3LJE) or Membership co-chair Mark Hinkel (WA3QVU) for more information.

PUBLIC SERVICE

SEPT 2-4, 9-10 Labor Day and following weekend: Polish Festival at Shrine of Czestochowa. Coordinated by Burt Ludin (N3YVH) 15 HT equipped operators are needed for each day of the 5-day event.

MON OCT 9 Columbus Day: Warminster 5-Ponds Golf Course Hole-in-One Competition. This event supports the Warminster Chamber of Commerce Scholarship Fund. Plan to be there at 7:30 am until 1-30 pm. (George, N3HBT) 9-10 HT equipped operators needed. Hot buffet lunch will be served afterwards (starting at 1:30 pm).

SAT OCT 14: 5K Walk and Run at Warminster Community Park: 8:00 am – 12:00 Noon. 8-10 HT equipped operators needed. (George, N3HBT)

"RADIATION BELT REMEDIATION" PLAN COULD AFFECT HF PROPAGATION, STUDY SUGGESTS

A New Zealand university research group believes a US Defense Advanced Research Projects Agency (DARPA) "Radiation Belt Remediation" (RBR) plan could cause major worldwide

disruptions to HF radio communication and GPS navigation. DARPA reportedly envisions RBR as a way to protect low-Earth orbiting (LEO) satellites from damage caused by severe solar storms or even from high-altitude nuclear detonations. The New Zealand-based research group suggests, however, that policymakers need to carefully consider the implications of the project. Headed by Craig Rodger of the University of Otago Physics Department, the research group says RBR could significantly affect radio propagation from several days to a week or longer.

"We've calculated that Earth's upper atmosphere would be dramatically affected by such a system, causing unusually intense HF blackouts around most of the world," Rodger said. "Airplane pilots and ships would lose radio contact, and some Pacific Island nations could be isolated for as long as six to seven days, depending on the system's design and how it was operated." GPS would likely also be disrupted on a large scale, he added.

System tests would employ extremely high-intensity, very low frequency (VLF) radio waves to "flush" particles from radiation belts and dump them into the upper atmosphere. The disruptions would result from the deluge of dumped charged particles temporarily changing the ionosphere from a "mirror" that bounces HF radio waves around the planet to a "sponge" that soaks them up, Rodger explains.

The group's paper, "The atmospheric implications of radiation belt remediation" <<http://www.physics.otago.ac.nz/research/space/ag-24-2025.pdf>>, appears in the August edition of the international journal *Annales Geophysicae*. University of Otago researchers collaborated with UK and Finnish scientists in its preparation.

ARRL Propagation Report Editor Tad Cook, K7RA, contacted Rodger to learn more about the RBR proposal. Rodger told him that RBR "is a serious project, that 'money is starting

to appear to investigate it in more detail,' and 'US scientists with military connections are treating it seriously'," Cook said.

Unclassified US Department of Defense budget documents from earlier this year have proposed using Alaska's High Frequency Active Auroral Research Project (HAARP) "to exploit emerging ionosphere and radio science technologies related to advanced defense applications." HAARP is jointly operated by the US Air Force and the US Navy. The project appears to be included under a program called "Sleight of HAND" (SoH).

"The effects of High Altitude Nuclear Detonations (HAND) are catastrophic to satellites," the budget report explains. "HAND-generated charged particles are trapped for very long periods of time, oscillating between the earth's north and south magnetic poles. This enhanced radiation environment would immediately degrade low-earth orbiting (LEO) spacecraft capability and result in their destruction in a short period of time."

The military budget documents refer to the SoH program as "a proof of concept demonstration" of technology and techniques to mitigate the HAND-enhanced trapped radiation, with the goal of accelerating "the rate of decay of trapped radiation from the LEO environment by a factor of 10 over the natural rate of decay." *Courtesy The ARRL Newsletter*

WARC JACKETS, SHIRTS AND HATS

Are available. Delivery within one month of placing order- the more we order, the lower the prices. See Bob (K3SRO) or call him at 215-822-7474 for order forms and cost information.

(Continued from page 4)

SOLAR UPDATE

Propagation guru Tad "Sunshine Superman" Cook, K7RA, Seattle, Washington, reports: Solar flux and sunspot numbers were up a bit this week, with the average daily sunspot number rising by 25 points to 33.6. Friday, August 11, had a daily sunspot number of 39. With more sunspots, the higher HF bands exhibit better propagation than they did nearly two weeks ago when the sunspot number was zero for four days in a row.

A coronal mass ejection (CME) August 16 could cause geomagnetic disturbances this weekend. The predicted planetary A index for August 18-21 is 10, 25, 15 and 8.

We are still anticipating the upcoming solar minimum, but a large amount of e-mail arrived this week regarding news from NASA of what could be the first spot of Cycle 24 <http://science.nasa.gov/headlines/y2006/15aug_backwards.htm>. The sunspot appeared briefly, then disappeared. The clue was the short-lived sunspot's magnetic polarity, which was the opposite of sunspots during the current Cycle 23. As time goes on, there will be more Cycle 24 spots and fewer Cycle 23 spots.

For more information concerning

radio propagation, see the ARRL Technical Information Service at <http://www.arrl.org/tis/info/propagation.html>. For a detailed explanation of the numbers used in this bulletin, see <http://www.arrl.org/tis/info/k9la-prop.html>. An archive of past propagation bulletins is at <http://www.arrl.org/w1aw/prop/>.

Sunspot numbers for August 10 through 16 were 37, 39, 27, 26, 45, 32 and 29, with a mean of 33.6. 10.7 cm flux was 80.3, 83.9, 84.7, 85.9, 86.4, 85.6, and 86, with a mean of 84.7. Estimated planetary A indices were 5, 6, 8, 2, 4, 3 and 3, with a mean of 4.4. Estimated mid-latitude A indices were 4, 3, 4, 2, 2, 2 and 2, with a mean of 2.7.

Courtesy The ARRL Newsletter

ARRL Certification and Continuing Education course registration

Registration begins Friday, August 11 for these ARRL Certification and Continuing Education (CCE) online courses: Amateur Radio Emergency Communications Level 1 (EC-001), Radio Frequency Interference (EC-006), Antenna Design and Construction (EC-009), Analog Electronics (EC-012) and Digital Electronics (EC-013). Classes begin Friday, October 6. To learn more, visit the CCE Course Listing page <<http://www.arrl.org/cce/courses.html>>

or contact the CCE Department <cce@arrl.org>.

Courtesy The ARRL Newsletter

FCC says Katrina Panel recommendations apply to all types of disasters

The FCC advises commenters on its Notice of Proposed Rule Making (NPRM) <http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-83A1.pdf> regarding Hurricane Katrina's impact on communication systems (EB Docket 06-119) that the Katrina independent panel's recommendations apply to all types of disasters, natural or otherwise. "Parties should also discuss whether the panel's recommendations are broad enough to take into account the diverse topography of our nation, the susceptibility of a region to a particular type of disaster, and the multitude of communications capabilities a region may possess," the Commission said July 26 in a public notice. Some of the Hurricane Katrina Independent Panel's recommendations concern possible changes to Amateur Radio Part 97 rules. The NPRM further offers three specific areas for consideration: Waiver of Amateur Radio and license-exempt rules, permitting transmissions necessary to meet essential communications needs; waiver of application filing deadlines, something the FCC did last fall for amateurs living in hurricane-stricken states; and a streamlined STA process. Comments are due Monday, August 7. Reply comments (comments on comments filed) are due by Monday, August 21. Interested parties may file comments and view the comments of others via the Electronic Comment Filing System (ECFS) <<http://www.fcc.gov/cgb/ecfs/>>. In either case, enter "06-119" in the "Proceeding" field (without quotation marks but including the hyphen).

Courtesy The ARRL Newsletter

SKYWARN INFORMATION

MOUNT HOLLY NWSFO SKYWARN Weekly Information Net: EVERY THURSDAY AT 21:00 HOURS

SKYWARN Net Repeater Listing/ Streaming Audio of scheduled SKYWARN Net: <http://www.skywarnnet.net>

You do NOT have to be a certified SKYWARN Weather Spotter to check into the Net

Bucks County SKYWARN Weather Spotter PRIMARY FREQUENCY: 147.300MHZ (+ 131.8)

Fairless Hills, PA (many remote access locations throughout Bucks County)

Mount Holly NWSFO SKYWARN Homepage: <http://www.erh.noaa.gov/phi/skywarn/index.html>

SKYWARN Basic Weather Spotter Educational Programs URL: <http://www.erh.noaa.gov/phi/skywarn/training.html#sched>

ATLANTIC DIV. HAMFESTS - 2006

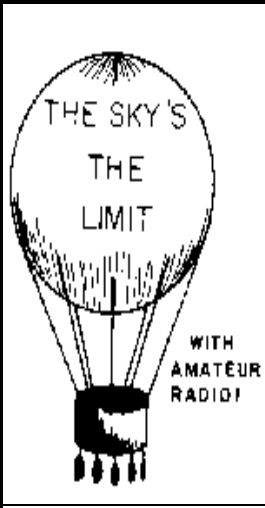
➤ + *indicates ARRL Hamfest*

- 9 Sep 2006 + Pocono Area Hamfest Pocono ARK & Eastern PA ARA
Stroudsburg, PA Stroudsburg Jr. High School
<http://poconohamfestplus.com>
- 9-10 Sep 2006 * Maryland/DC Section Convention (FARFest)
Gaithersburg, MD Montgomery County Agricultural Center (Fairgrounds)
Foundation for Amateur Radio <http://www.farfest.org>
- 16 Sep 2006 + Jersey Shore ARS Seaside Heights, NJ
<http://www.jsars.org>
- 17 Sep 2006 + Gloucester County ARC Mullica Hill, NJ 4-H Fairgrounds
NJ Route 77
- 1 Oct 2006 + CARAFest 2006 Columbia Amateur Radio Association
<http://www.carafest.org> West Friendship, MD Howard County Fairgrounds
- 1 Oct 2006 + Hamarama Mt. Airy VHF Club <http://ftp.ij.net/packrats/latest.htm>
Wrightstown, PA Middletown Grange Fairgrounds
- 15 Oct 2006 + RF Hill Amateur Radio Club <http://www.rfhill.ampr.org>
Sellersville, PA Sellersville Fire Department Grounds
- 7 Oct 2006 + Red Rose Tailgate Fest Red Rose Repeater Association
<http://www.qsl.net/trra> Brownstown, PA West Earl Township Community Park

V.E. TEST LOCATIONS

Confirm all information, in advance, with the contact person. Licensed applicants must bring the original, and one photocopy of their license. All applicants, including children, must bring two forms of positive ID. Also bring the original, and a copy, of any Certificate of Successful Completion needed to prove current status. The ARRL VEC'S 2003 test fee is \$12.00.

- ◆ **Warminster Amateur Radio Club,**
Monthly, Last Wed. 7:00 pm - Tom Michaud, WA3TQJ, 215-343-3494.
- ◆ **Bellmawr, NJ,** Monthly, 3rd Thursday 6:30 PM Bellmawr Comm. Senior Citizens Center Browning Rd. at Lewis St. Diane Nafis N2LCQ, 856-228-8088.
- ◆ **Levittown, PA,** Monthly, 1st Saturday - George LeNoir, WR3B, 215-943-4886.
- ◆ **Telford, PA,** Monthly, RF Hill ARC. 3rd Monday at the Indian Valley Library. Charles Schell, KB3CEZ, 215-257-6368 days 215-538-7458 evenings.
- ◆ **Philadelphia, PA,** NE Philadelphia, Pa. Monthly; 1st Thursday - 6:00pm. Philmont Mobile Radio Club at Space Research Center (SPARC) Northeast High School Cottman and Glendale Aves. (Enter the SPARC wing from Glendale Av., opposite Teesdale St.)- Dusty Rhoads, ND3Q, 215-482-0386 Or 215-879-0505. No exam in July or August.



The Warminster Amateur Radio Club Announces Free Ham Radio Instructional Classes

If you're interested in Ham Radio, or think you might be, this is your opportunity. Perhaps you'd like to learn about digital communications, Morse code, VHF, UHF, satellite, or perhaps you'd rather sit down and chat with someone in South Africa, Russia, Great Britain or in the space shuttle.

We'll help you learn the theory and practices that make for a most enjoyable hobby. There's no telling just how far you'll go unless you make the first move and give yourself a chance to explore the world.

Entry level Classes start September 12, 2006 at 7:00 PM
Call or Email George Altemus KA3WXV at 215-855-3856
or ka3wxv@drs-c3.com
Or George Brechmann N3HBT at 215-443-5656 or
n3hbt@comcast.net

Area Repeaters

VHF	
145.310	R.F. Hill
145.350	Doylestown R.C.
145.250	Penn Wireless
145.330	Hilltown
146.670	DVRA
146.685	Holmesburg
146.925	Willingboro
147.000	Ham Buergers
147.030	Phil-Mont
147.090	Warminster
147.165	Delmont R.C.
147.270	Frankford
147.300	BEARS
147.390	CBRA
220	
224.580	PackRats
223.76	K3NAL
UHF	
442.650	DVRA
443.250	TAG
443.050	Metro-Comm
443.950	Warminster
444.200	BEARS
449.325	KA3WXV
447.475	WR3B
447.625	WE3E
448.225	Penn Wireless
6 Mtr	
53.030	WA3BXW
53.230	N3DQZ
53.370	K3MFI

Bucks County Amateur Radio Emergency Service (BCARES)

www.bucksares.org
 Bucks County ARES will be on the air Wednesdays, at 9:00 PM . We will be using Warminster Amateur Radio Club's repeater on 147.090, pl 131.8.

Telpac Stations on:

Upper NJ3A-10	145.610 Riegelsville
Central KB3BUX-10	145.670 Ivyland Home frequency
Lower NY3J-10	145.530 Bensalem

Net Schedules

Sunday	2100	10 Meter Net	28.440 MHz
Wednesday	2030	2 Meter Net	147.09 Rptr.
Wednesday	2030	Linked w/ 2 Meter Net	443.95 Rptr.
Sunday	2030	Informal Net	223.5 Simplex
Wednesday	2030	WARC	147.09 Rptr.
Thursday	1900	Mont. Cnty RACES Net	146.835 Rptr.

Are you submitting an article for the Feedback ?

Contributions of articles to be published are always accepted for consideration. Please follow these guidelines:

- Submit in IBM format on a floppy disk.
- Or via E-Mail to:
wa4ywm@comcast.net
- Or via snail mail to:
FEEDBACK EDITOR
Warminster Amateur Radio Club
Box 113
Warminster, Pa 18974
- Use both upper and lower case letters.
- Use your program's spell check.
- If you don't have a computer, then typewritten sheets are o.k, but please use both upper and lower case.
- Put your name and call at the beginning or end of the article, and show credits if you are using material from another source.
- Deadline for articles is the Thursday after the Club meeting.
- Volunteers are needed for folding at the Board Meeting, Ben Wilson Center, last Thursday of the month, 7:30 PM.

Bucks Bagels
1179 York road (RT. 263)
Warminster, PA
674-1400

"Home of the fresh, not frozen dough"

The annual dues rate structure is as follows:

Full Member: \$ 20.00
2nd Family Member: \$ 10.00
Student: \$ 10.00
Alumni: \$ 8.00
12th grade or under: \$ 5.00

- Are your dues current ?
- Check the date on your Feedback mailing label.

2006 Officers

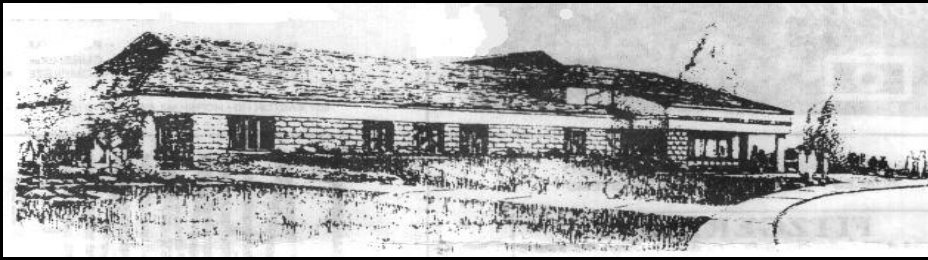
Executive Officers

President	Anthony Burokas	KB3DVS	632-3283
Vice-President	Larry Abbott	WA3ELQ	443-7521
Secretary	Jerry Robinson	K2AKW	659-8287
Treasurer	Denise Burstein	KB3ANO	355-1150
Director (E)	Tom Michaud	WA3TQJ	343-3494
Director (E)	George Brechmann	N3HBT	443-5656
Director (A)	Al Konschak	WI3Z	491-9941
Director (A)	Larry Abbott	WA3ELQ	443-7521
Past President	Tony Simek	N3YNH	674-5218

Committee Chairpersons

Feedback Editor	Jim Elmore	WA4YWM	538-1889
Membership	Mark Hinkel	WA3QVU	6594449
	Michelle London	KB3MTW	672-7578

Field Day '07			
Grange Fair '07			
Hamfest '07	Todd Hevener	KB3LCT	
	Brian Faux	N3QGO	538-0190
January '07 VHF Contest	Joe Bagnick	N3EMA	997-2539
PA QSO Party '06	Mark Kempisty	N3GNW	953-1493
Archives	Frank O'Neill	N3UQP	699-9549
Alumni Coordinator	Randy Gehman	N3LJE	822-9473
ARRL Liaison	Kristina Pistilli	KB3ECW	572-5330
ARES Liaison	Denise Burstein	KB3ANO	355-1150
Awards Mgr.	Vince Pironti	KD3TC	674-0446
Classes	George Altemu s	KA3WXV	855-3856
DXpedition	Doc Whitticar	W3GAD	968-0641
Special Interest Groups	Ron Wenig	NY3J	638-9257
CW/QRP co-chair	Marty Squicciarini	NR3Z	393-1492
Digital/APRS co-chair	Ron Wenig	NY3J	638-9257
FM/Repeater co-chair	Mark Hinkel	WA3QVU	659-4449
Satellite co-chair	Joe Bagnick	N3EMA	997-2539
VHF/UHF/MW co-chair	Al Sheppard	N3ITT	610-847-5490
Emergency Coordinator	Stu Simon	K2QBU	345-9295
Fundraising	Erik D'Onofrio	N3YNX	675-9165
Hamwear	Bob Wilderman	K3SRO	822-7474
Holiday Dinner co-chair	Berni Lindinger	N3RJD	343-5249
Holiday Dinner co-chair	Doug Mahoney	N3RJE	343-5249
Interference	Tom Michaud	WA3TQJ	343-3494
Net Manager	George Brechmann	N3HBT	443-5656
Notary Public	Whitey Metzger	AA3FT	947-0843
Publicity	Mike Karabin	WJ3O	889-7202
RACES Liaison	Bob Phillips	KA3VKU	766-0456
Refreshments	Randy Gehman	N3LJE	822-9473
Refreshments	Doc Morein	KA3RAU	542-0593
Repeater Coordinator	Brian Taylor	N3EXA	257-6303
SKYWARN Liaison	Mike Patton	W3MJP	491-9665
Station Trustee	George Brechmann	N3HBT	443-5656
Sunshine Club	Vince Pironti	KD3TC	674-0446
Township Liaison	George Brechmann	N3HBT	443-5656
VE License Testing	Tom Michaud	WA3TQJ	343-3494
WEB Site Coordinator	Al Konschak	WI3Z	491-9941
Youth Programs Co-Chair	Steve Larson	WW3Y	822-1511

Club Station**Meetings****Talk To Us**

The Club Station - K3DN - is located at the Benjamin Wilson Senior Center, Delmont Avenue, Warminster, PA. The station is open for club members and the interested general public on non-holiday Tuesday evenings from 7 to 9 pm . The station is fully operational on HF (80 meters through 10 meters) both phone and CW. There is an assortment of amateur radio shareware which may be copied under the shareware licensing agreement.

For additional information on the Club Station please call the Station Manager N3HBT - George at 215-443-5656.

- WARC Meetings are held the first Thursday of each month at 7:30 pm at the Benjamin Wilson Senior Center, Delmont Avenue, Warminster, PA. Talk in is available on the 147.09 & 443.950 repeaters.

APRS on 144.390

K3DN is also operating APRS on 144.390

Internet Connection

For general club correspondence:
k3dn@k3dn.org

For Feedback articles:

wa4ywm@comcast.net

Visit our Home Page on the WWW:

<http://www.k3dn.org>

**Federal Communications
Commission**

1270 Fairfield Road
Gettysburg, PA 17325

License Information

800-322-1117 - M-F 0800-1630

Fax-On-Demand 202-418-0177

FEEDBACK

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Box 113
Warminster, Pa 18974

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