

# Next Meeting September 1st, 2011 – Digital Modes – PSK31, RTTY

## **President's Message**

Are You Serious About Public Service?



Emergency Management Now that we are coming up on the 10<sup>th</sup> anniversary of that terrible day of September 11, 2001, it is appropriate to ask: Are you serious about public service? On that day ten years ago this month, we found out that we weren't ready for the aftermath of the attack. A few years later, we suffered through Hurricane Katrina, and

that clearly showed us that we still weren't entirely ready. The preplanning was outdated, and the aftermath was a national disgrace. Disorganization was rampant. Who was in charge?

Organizations were not sure where they fit in, and in some cases competed against other volunteer organizations. There were too few common frequencies, and training of the various groups was not standardized. Something clearly needed to be done. The Federal Government was reorganized, and the new Department of Homeland Security was created. Further down the road, standardized training was mandated at all local, county, state, and federal levels of government and their subordinate agencies.

Here locally, all local elected municipal officials were mandated to take these courses offered by FEMA. As the Chairman of the Township Board of Supervisors at the time, we had to take and pass: FEMA courses IS-100a, IS-200a, IS-700a, and IS-800b. If we didn't take and pass the courses, we would lose all federal funding. That certainly was an incentive to take these courses.

In order to standardize training for large and small emergencies, now all emergency services personnel are required to take and pass the following free courses:

IS-100a An Introduction to the Incident Command System.

IS-200a The Incident Command System for Single Resources.

IS-700a The National Incident Management.

IS-800b National Response Framework Emergencies.

These courses are also mandated as part of the standardized training required by all civilian MARS (Military Auxiliary Radio Service). While not mandated by ARES and RACES, they are recommended. How serious you about your training for public service?

Last year we visited ARRL HQ just after a major hurricane hit the Caribbean island of Haiti. I'll never forget the lecture at ARRL HO by Bob Allison / WB1GCM as he talked about all of the HAM AID equipment flown down to Haiti, and showed us a typical Pelican Case packed with new radios, antennas, generators, manuals, and miscellaneous parts. Bob stated that the days are long gone, when you show up at an emergency without any previous formal training, wave your FCC license, and say I'm ready to go. Bob was absolutely right. Today, whether, you take FEMA courses, RACES or ARES training, or ARRL emergency training – you need some sort of specialized training.

Here in Pennsylvania there are at least 10 potential emergencies that all amateur radio operators should be informed about:

- Floods
- Fires

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(Continued from page 1)

- Winter Storms
- Tropical Storms, Tornadoes and Wind Storms
- Influenza Pandemic
- Hazardous Material Incidents
- Earthquakes and Landslides
- Nuclear Threat
- Dam Failures
- Terrorism

The first step to disaster preparedness is being informed, and trained. These courses will help you find information about what types of disasters are most likely to occur in Pennsylvania, along with how to prepare for each and what to do if you are actually faced with one of these emergencies.

Don't assume that the area you live in will not be affected by a natural disaster or terrorist attack. No matter where you live, it's important to be prepared

We encourage you to look into the FREE courses offered by FEMA. In addition, to the courses listed herein, there are a few hundred courses offered. Most are FREE. If you want to browse the course offerings, please go to the following website:

http://www.training.fema.gov/is/crslist.asp



Throughout the State, the Pennsylvania Emergency Management Agency (PEMA) coordinates emergency preparedness, response, recovery, and mitigation efforts for natural and manmade disasters such as tornadoes, storms, earthquakes, hazardous materials incidents, including acts of terrorism involving weapons of mass destruction. By working seamlessly with state agencies, local public safety departments and volunteer organizations, Pennsylvania Emergency Management Agency can effectively coordinate response to the emergency needs of the state's 67 counties in times of disaster.

To address the critical need of providing advanced, up-to-date training for Pennsylvania's public safety professionals, the Training and Exercise Management Division was established by law (Title 35) to provide innovative and professional training to state and local emergency management personnel, elected and appointed officials, emergency responders, members of volunteer organizations active in disasters and other professionals who prepare for and respond to emergencies. The division provides public education, professional development training, and technical training to public safety volunteers from state government and local communities across the commonwealth and conducts all hazards related exercises to test preparedness of state agencies, local governments, community public service organizations i.e. schools, hospitals, and others. We also administer a statewide Emergency Exercise Program and oversee the Pennsylvania Emergency Management Coordinator certification program.

Public Education and Outreach includes public safety advisories, press releases, workshops, seminars and statewide conference support aimed at specific audiences.

Pennsylvania law requires that the emergency management coordinator at each level of government earn two levels of certification. A large part of the certification involves completing training offered by PEMA or the Federal Emergency Management Institute. To maintain the proficiency of its staff and to keep its procedures current, PEMA regularly conducts exercises to test the effectiveness of

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## CLUB INFO

### PUBLIC SERVICE

Its that time of year once again . I was just asked if we could help with volunteers to support the Polish American festival September 3, 4 & 5 / 10 & 11 2011 You may volunteer 1/2 days or full days 9:30 Am - around 6:00 PM We Will Provide Id badges and meal tickets for the volunteers . Please email Bpludin@aol.com let me know which days you are available . My cell number is 267-441-6900 Thank you , Burt Ludin N3YVH

Second Thursday of October 2011 (Columbus Day) 8:00 am Golf outing at Five Ponds. Hot Buffet.

Late October – Kraven Hall Run.

## **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.

## 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 \$10.00 annually to cover the costs of printing and mailing our monthly FEEDBACK newsletter. Please contact co-chair Bill Strunk (K3ZMA) for more information.

## ATTENTION MEMBERS

If you want to have your picture taken to be placed on the 'Members Photos' section of the www.k3dn.org website, please email Michelle at mal61@comcast.net with your interest. If we get enough people who are interested, I will pass the info on and then we will have camera ready at the following club meeting. Remember to bring your best face!"

The Membership Committee has badges and Club cards for you to pick up. If you do not have a Warminster Amateur Radio Club badge or card with your picture on it, please stop by and visit your Membership Chairs, Bill Strunk, K3ZMA or Michelle London - KB3MTW at the WARC monthly meetings. Otherwise, please contact Membership at: WARCmembership@K3DN.org. Thank you.

## PROGRAMS

September 1, 2011 – Digital Modes – PSK31, RTTY, etc.

October 6, 2011 – Homebrew Night - One night dedicated to Home Brew projects

November 3, 2011 - Ham Radio Outlet RICK LAMB (K3TL).

December 1, 2011 – Annual Warminster ARC Holiday Dinner.

multi-agency interoperability by utilizing key personnel from state and local agencies as well as coordinating with other response partners and federal agencies. Your coordination with PEMA will be handled by BCARES, a Bucks County affiliated agency.

If anyone wants to make the commitment, we can have FEMA training conducted at the Warminster ARC, we can coordinate with Brian / N3QGO of BCARES.

Please train to be the best you can be in this emergency services community. These courses are very interesting, and it depicts where you fit into the BIG PICTURE.

Finally, while this month is the 10<sup>th</sup> anniversary of 9-11-2011, please visit the dedication of Warminster's monument at the Hartsville Fire Company on the evening of 9-11. This will be a moving ceremony with steel beams from the World Trade Center in New York.

'73s

Richard J Luce, Jr / AG3L Warminster ARC, President ARRL EPA Local Government Liasion

#### Warminster Amateur Radio Club General Meeting Minutes August 4, 2011

Meeting was called to order by the President, Rich (AG3L) at 19:35.

#### **INTRODUCTIONS:**

#### MINUTES FROM THE JULY 7, 2011 MEETING:

A motion was made, seconded and unanimous vote to accept them as printed in the Feedback Newsletter.

TREASURER REPORT- Frank (WDØESL):

As given

COMMITTEE REPORTS:

PROGRAMS- Irwin (KB3TB):.

August 4, 2011 – Software Defined Radio – WA4YWM & WI3Z

September 1, 2011 – Digital Modes – PSK31, RTTY, etc.

October 6, 2011 – Home Brew Night

November 3, 2011 - Ham Radio Outlet Rick Lamb (K3TL)

December 1, 2011 – Annual Warminster ARC Holiday Dinner.

#### MEMBERSHIP- Michelle (KB3MTW) and Bill (K3ZMA):

There are currently *117* paid-up members. Every member is also encouraged to join the ARRL. The club must have at least 50% of its members as ARRL members to keep the WARC's ARRL Special Service Club affiliation. ARRL annual membership dues are \$39.00.

There will be a new monthly segment in the Feedback about membership. It will include any dues that need to be paid.

#### PUBLIC SERVICE – George (N3HBT):

## FEEDBACK

#### (Continued from page 4)

Thanks to the volunteers that came out for the car show in Hatboro. On 9/10 we will need volunteers to help with communications with the 300<sup>th</sup> anniversary of Waminster Township at the Waminster park. Sign-up sheet will be passed around. Approximately 10 hams are needed.

#### CLASSES - George (KA3WXV):

Classes will start Monday 9/12, from 7PM to 9PM. KA3WXV will be the instructor for the Tech class and KA3FQS will be the instructor for the Extra class.

#### <u>REPEATER – Al (WI3Z):</u>

Repairs were done to the transmitter and now everything is working.

#### HAMFEST - Mark (WA3QVU):

Vendors will not be allowed to pull their vehicles into the buildings. Wait to fill out ARRL form until October Decide which issue of QST to announce Hamfest. Thanks to WI3Z for the Google calendar. It will help with the planning. There will be a monthly check list that will include duties and follow-up activities.

NEW BUSINESS:

NY3J was approved as the club's secretary

The club is purchasing a Kenwood TM-V71A for the club's use on Echolink. The club has been using a TM-V71A that belongs to WI3Z and he needs it returned.

Echolink will be operated from the Senior Center

WARC and The Packrats will share the cost of a new wireless microphone for use at the Senior Center for both clubs and the Senior Center.

WARC will be selling equipment that is being stored at the club's radio room. Equipment list is as follows: Kenwood TS-440S and Aston power supply. Icom mobile radio Tuner Echolink interface

KA3WXV announced that WARC received a check for \$300 from the sale of equipment from an estate. The proceeds of the sale was shared between the 2 clubs.

#### MEMBER COMMENTS/QUESTIONS:

Visitors:

WS3O - Bill N3IAN – Ian AB3NY – Bernie – just upgraded from a new licensee to extra at the last WARC license test session.

W3GAD – Pack Rats September 15th meeting there will be a presentation from RF Connections on connectors. October 2 is the Pack Rats hamfest at the Grange.

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October's meeting is a presentation of Log Book Of The World by W3IZ. In October Pack Rats will host Microwave Update.

#### TONIGHT'S PROGRAM:

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Software Defined Radio & Flex Radio – What's New

Submitted: NY3J, Club Secretary August , 2011

#### Membership Corner September 2011

Current membership is about 121 members as I write this (151 members on our rolls). Why the different numbers you may ask? Good question! The WARC constitution says you are a member in good standing, with full voting privileges, if your dues are no more than three months past due, that number currently stands at 130. The 121 number represents members currently paid up through August 31<sup>st</sup>. The club's constitution also says you can be up to ONE YEAR past due and still be a member, that is the 151 number. Past one year overdue on your dues you have to re-apply to be a club member, but unless you're a really bad person I think we'd take you back ;-)

Confusing? Well that's one big reason we would like to switch back to a uniform yearly due date for ALL members. At every meeting the subject of potentially switching to WARC dues being due January 1<sup>st</sup> instead of spread throughout the year is mentioned and a request for comments Is put out there. We're still looking for ideas, so catch us at the meetings, on the air, or email to the addresses below.

Bur hey, the important thing isn't the number of members, but rather the participation BY members. WARC has some really big events in September, come on out and lend a hand !

Since members no longer receive printed Feedbacks with their Membership expiration date on the label, we are listing the last few months in the Feedback, below, by callsign only.

September:KA6BAS, KA3BBU, KD3DI, WA3ELQ, N3EXA, W3ICC, KB1JEY, AA3K, KB3OXW, KA3RAU, KD3TC, K3TPM, KA2VJO

August:KB3ANO, K3DEY, K3FSB, K3FT, N3HBT, N3JHR, KA3TSJ, W3UBF, KB3UPG, WI3Z

July: N3IA, KD3RF, KB3UHH June: KE3BI, K3KH, KB3PCX and May: KD3DXL, N3FPZ, WB3IRC, KB3MUZ(Alumni)

So see Michelle KB3MTW at the next meeting, or are you aware you can easily pay via the PayPal link on the k3dn.org web site? Are you also aware that you DO NOT have to join PayPal to use this service (I don't have a PayPal account)?

A reminder: if you've changed your email address in the last year or so, please send an email to the addresses below so we can update your info in the club member data base.

Until next time, 73, Bill k3zma@k3dn.org, Michelle kb3mtw@k3dn.org

#### From George Altemus KA3WXV

At the request of Denise Hurd and Bob Engle the Packrats were asked to remove any usable ham related equipment from the estate of Howard D. Krumboltz, W3PXS, and share the equipment or any proceeds of sales with WARC.

As a result, some of Howard's equipment was sold at the WARC Hamfest this Spring. The proceeds were retained as part of the WARC take for the day.

Also part of the estate were 2 older military radios that were offered for sale on the WARC and Packrats listservers. The WARC share of proceeds from this action is \$300. A check for that amount was presented to the WARC at the August general meeting.

#### A Sincere note From the New Tech

Although it may seem that I'm complaining about my Tech privileges and missed contact opportunities in my short rants on WARC Talk, I'm really not. Its fun to write those accounts and I actually have an ulterior motive. Certainly not anything mean spirited, that's not me at all! I'm sort of using you folks(sorry!) as a sounding board in sharpening my writing skills. I haven't done any creative writing since college many, many moons ago. As a Pharmacist, I've read and digested a lot of technical information over the years as do many of you folks that are engineers. Even in our technical hobby, its time for me to sit back and read and write lighter material. I dream of (yeah, sometimes I'm really "out there") writing and being published in a magazine....."A Tech on 10" or "The Trials and Tribulations of a New Tech". Hey, what the heck, WARC published my account of Field Day right? As you get to know me you'll pick up on the fact that I'm a dreamer and have lots of great aspirations that usually don't come to fruition. But, as a cancer patient, I've found that the dreams and goals keep you going even when they don't amount to much of anything. For whatever reason, you folks inspire me...(it's a wonderful thing!) to move forward, get that General, and maybe write an account or two of that experience along the way. I genuinely appreciate the support in the hobby that the club has given me in the few short months that I've been around. What a great bunch of people to stumble across in life. Some blind that let nothing stop them, some cancer survivors, some very technical as our many engineers and our new found friend that went from Tech to Extra in one sitting, some just the guy or girl next door willing to lend a hand and teach a trick or two to the newcomer. As simple as much of this may seem, it means a lot to me. I look forward to Doc's coffee and doughnuts and a nice presentation at meetings every month now. My family gets a break from me for a couple of hours then too, so, as far as they're concerned, you're stuck with me! My heart felt Thanks to all, 73

Alan KB3VYX

#### SOLAR UPDATE

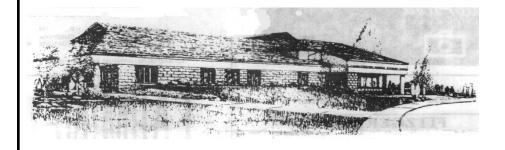
Tad "I could feel the Sun on my back <http://www.youtube.com/watch?v=FFthxJKOWok>" Cook, K7RA, reports: Solar activity rose this week, with the average daily sunspot number rising more than 40 points to 66 points, while the average daily solar flux rose more than 13 points to 101.9. The predicted solar flux for August 25-26 is 110, rising to 115 for August 27-30, 110 for August 31, 105 for September 1-3, and 100 for September 4-5. The predicted planetary A index is 5 for August 25-26, 10 on August 27, and 5 on August 28 through September 2, then 8, 10, 10, 10, 7 and 5 on September 3-8. Look for more information on the ARRL website on Friday, August 26. For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page <http://www.arrl.org/propagation-of-rf-signals>. This week's "Tad Cookism" is brought to you by The Bangles' Something to Believe In <http://en.wikipedia.org/wiki/Everything\_%28The\_Bangles\_album%29>.

Courtesy ARRL Newsletter

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.



## FEEDBACK

#### 2011 Contest Calendar

#### September

10-12 September VHF QSO Party
17-18 10 GHz and Up Contest (round 2)
October
17-21 School Club Roundup
November
5-7 November Sweepstakes, CW
19-21 November Sweepstakes, Phone
December
2-4 ARRL 160 Meter Contest
10-11 ARRL 10 Meter Contest
18 Rookie Roundup - CW

Colorado QSO Party 1200Z, Sep 3 to 0400Z, Sep 4 Tennessee QSO Party 1800Z, Sep 4 to 0300Z, Sep 5 Arkansas QSO Party 1300Z, Sep 10 to 0100Z, Sep 11 Connecticut QSO Party 0000Z-2359Z, Sep 17 South Carolina QSO Party 1300Z, Sep 17 to 2100Z, Sep 18 Texas QSO Party 1400Z, Sep 24 to 0200Z, Sep 25 and 1400Z-2000Z, Sep 25

### > ATLANTIC DIV. HAMFESTS - 2011

September 10 Eastern Pennsylvania Amateur Radio Association & Pocono Amateur Radio Klub

Stroudsburg Intermediate School Chipperfield Drive Stroudsburg, PA 18360

http://www.arvelo.net/N2MZZ/graphics/2011hamfestflyer2.wps.pdf September 18 Gloucester County Amateur Radio Club Gloucester County 4H Fair Grounds Route 77 South Mullica Hill, NJ 08062

http://w2mmd.org

October 2 Hamarama Middletown Grange #684 Penns Park Road Newtown, PA 18940 http://www.packratvhf.com/latest.htm#Hamarama October 16 RF Hill ARC Sellersville Fire House 50 North Main Street Sellersville, PA 18960 http://www.rfhill.ampr.org October 23 Carroll County Amateur Radio Club Carroll County Agriculture Center 706 Agriculture Center Drive Westminster, MD 21157 http://qis.net/~k3pzn

## 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 2011 test fee is \$15.00.

**Warminster Amateur Radio Club**, Monthly, Last Wed. 7:00 pm at the Warminster Recreational and Educational Center on Little Lane.

George Brechmann (215) 443-5656. Atco, NJ, The fourth (4th) Tuesday of each month, at 7 p.m. Winslow Township Senior Center, 33 Cooper Folly Road, 08004-2603.

Mark (K2AX) jtra@comcast.net 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 Schmell, KB3CEZ, 215-257-6368 days 215-538-7458 evenings.

**Philadelphia**, **PA**, Testing is done on the 4th, non holiday Thursday of the month at the, Community Ambulance Association of Ambler, 1414 E Butler Pike, Ambler PA 19002 at 7:00 PM We also are testing on Saturdays at least once per quarter at 9:00 AM. For further information contact James McCloskey at jmccloskey@msn.com and by phone 215 -275-2979.

Lansdale, PA Testing on the first nonholiday Tuesday of the month starting at 7:00 PM. The Lansdale Library Community Room Vine St. and Susquehanna Ave. Lansdale, Pa.Registration is required 48 hrs. or more before the scheduled exam date. If there are no registrations the scheduled exam date will be canceled. NO WALK-INS. You can register by contacting: Olaf N. Markert ------ Phone (610) 517-

5074, E-mail w3pa@arrl.net

#### 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\*

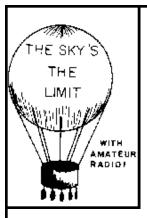
## Bucks County SKYWARN Weather Spotter PRIMARY FREQUENCY: 147.300MHZ (+ 131.8)

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



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.

The Warminster Amateur Radio Club will be offering free ham radio licensing classes for the **Extra** and **Technician** license starting on **Monday, September 12th, 2011** at the Benjamin Wilson Community Center. The classes will start at 7:00 pm and last until 9:00 pm and run for 8 weeks. The Classes are free, but

the students will be responsible for any study guides.

#### **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. This net is linked as shown in the Net Schedule box for the Wednesday night net. It may also be linked to 147.300. Winlink Cotevany Stations:

winlink Gateway	Stations:
Upper Bucks	NJ3A-10
Lower Bucks	NY3J-10
Montco	W3CF-10
Chester County	W3EOC-10

145.610 Riegelsville 145.530 Bensalem 145.950 Hatfield 145.690

Net Schedules

- Sunday Wednesday Wednesday Rptr.Wednesday Sunday Thursday
- 2100 2030 2030 2030 2030 2030 1900
- 10 Meter Net 2 Meter Net Linked w/ 2 Meter Net Linked w/ 2 Meter Net Informal Net Mont. Cnty RACES Net

28.445 MHz 147.09 Rptr. 443.95 53.230 Rptr. 223.5 Simplex 146.835 Rptr.

#### **CLUB EQUIPMENT**

WARC has purchased four Vertex Standard 2-meter HT's that are available for use by members of the club. The HT's are available on a month-by-month basis and have been purchased primarily to help new hams get on the air. However, they may also be used by any club member who is in need of a temporary 2-meter radio. They are also available for use by participants in WARC's public service activities. DE, Irwin Darack KD3TB 215 -343-8170

Area Repeaters					
VHF					
145.310					
145.350	Doylestown R.C.				
	Penn Wireless				
	Hilltown				
146.670	DVRA				
146.685	Holmesburg				
146.925	Willingboro				
147.000	Ham Buergers				
147.030	Phil-Mont				
147.090	Warminster				
	Frankford				
	BEARS				
147.390	CBRA				
220					
224.580	PackRats				
223.76	K3NAL				
UHF					
442.650	DVRA				
443.250	TAG				
443.050	Metro-Comm				
	Warminster				
444.200	BEARS				
447.475					
447.625	WE3E				
448.225	Penn Wireless				
D-STAR					
445.1812	25 K3PDR DStar DV				
	75 AA3E Montco				
RACES					
6 Mtr					
53.030	WA3BXW				
53.230	N3DQZ				
53.320	K3MFI				

				1 222 2110
Are you submitting an article for the Feedback ?		2011 Office	ers	
Contributions of articles to be pub-				
lished are always accepted for consid-	<b>Executive Officers</b>			
eration. Please follow these guidelines:	President	Richard Luce	AG3L	215-441-8264
E-Mail to:	Vice-President	Irwin Darack	KD3TB	215-343-8170
wa4ywm@comcast.net	Secretary	Ron Wenig	NY3J	215-638-9257
Or via snail mail to: FEEDBACK EDITOR	Treasurer	Frank Clayton	WD0ESL	215-855-1029
Warminster Amateur Radio Club		Michelle London	KB3MTW	215-672-7578
Box 113	Director (E)			
Warminster, Pa 18974	Director (E)	Mark Kempisty	AA3K	215-953-1493
	Director (A)	Al Konschak	WI3Z	215-491-9941
▶ Use both upper and lower case	Director (A)	Brian Taylor	N3EXA	215-257-6303
letters	Past President	Larry Abbott	WA3ELQ	215-443-7521
Use your program's spell check.				
If you don't have a computer, then typewritten sheets are o.k,	Committee Chairpers		N10X7X7T	<b>A</b> (7, 701, 0, 000
but please use both upper and	Archives	Burt Ludin	N3YVH	267-781-0603
lower case,	ARES Liason	Denise Burstein	KB3ANO	215-355-1150
Put your name and call at the be-	Arrl Liason	Richard Luce	AG3L	215-441-8264
ginning or end of the article, and	Awards Manager	Vince Pironti	KD3TC	215-674-0446
show credits if you are using ma-	Classes	George Altemus	KA3WXV	215-855-3856
terial from another source. Deadline for articles is the Satur-	Digital and APRS	Ron Wenig	NY3J	215-638-9257
day before the regular meeting.	DXpedition	Doc Whitticar	W3GAD	215-968-6397
day octore the regular meeting.	Feedback Editor	Jim Elmore		215-538-1889
	Field Day 11	Mark Kempisty	N3GNW	215-953-1493
	Fundraising	Adam Huffnagle	KB3JCP	215-442-9526
	Hamfest 11	Mark Hinkel	WA3QVU	215-659-4449
	Hamwear	Burt Ludin	N3YVH	267-781-0603
	Holiday Dinner	George Brechmann	N3HBT	215-443-5656
	Interference	Mark Kempisty	N3GNW	215-953-1493
	Membership	Michelle London	KB3MTW	215-672-7578
For general club correspon-	Membership	Bill Strunk	K3ZMA	215-822-0749
dence:	Net Manager	George Brechmann	N3HBT	215-443-5656
k3dn@k3dn.org	PA QSO Party	Mark Kempisty	N3GNW	215-953-1493
5	Publicity	Dan Myers	KB3IBQ	215-957-2343
	RACES Liason	Chris McCormack	N3JHR	215-969-2626
	Refreshments	Doc Morein	KA3RAU	215-542-0593
Visit our Home Page at:	Refreshments	Randy Gehman	N3LJE	215-822-9473
http://www.k3dn.org	Repeater Cooridinator	Brian Taylor	N3EXA	215-257-6303
inclusion of the difference of the second seco	Satellite	Joe Bagnick	N3EMA	215-997-2539
The annual dues rate structure is	Skywarn Liason	Mike Patton	W3MJP	215-491-9665
as follows:	Station Trustee	George Brechmann	N3HBT	215-443-5656
	Sunshine Club	Vince Pironti	KD3TC	215-674-0446
Full Member: \$ 20.00	Township Liason	George Brechmann	N3HBT	215-443-5656
2nd Family Member: \$ 10.00	VE License Testing	Larry Abbott	WA3ELQ	215-443-7521
Student: \$ 10.00	VHF/UHF/MW	Al Sheppard	N3ITT	610-847-5490
Alumni:         \$ 10.00           Associate:         \$ 5.00	Website Coordinator	Al Konschak	WI3Z	215-491-9941
Associate. 5 5.00	Youth Programs	Richard Luce	AG3L	215-441-8264
> Are your dues current ?	Youth Programs	Steve Larson	WW3Y	215-822-1511
Check the date on your				
Feedback mailing label.				

## FEEDBACK