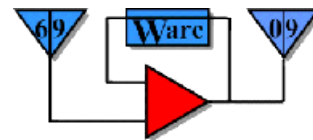




FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

September 2010

Next Meeting September 2 - Contesting



President's Message

Bits and Pieces from the WARC President

Well as you read this I'll be in KH6 land. Eva and I will be on vacation in Kauai and O'ahu in our 50th state. I originally wanted to take a QRP setup since part of my last weekend there is the ARRL Hawaii QSO party. Unfortunately as I was adding up what we needed to pack, the list kept getting longer. Suffice to say the only ham gear I'm packing is my dual band FT-60R HT and my laptop with Echolink. We are trying to stay with 2 bags of under 50 pounds each. Not likely. I'm a member of the Honolulu ARC and I hope to have breakfast with some of those guys. They really worked hard in helping me get a Hawaii contact via PSK-31 from Warminster. I also hope to check into the Warminster ARC nets via Echolink. I need to plan ahead for that and maybe someone can relay me into the net – which starts at 2PM Hawaii time.

Last week I was speaking with some of the locals on Echolink and they were giving me the lay of the land – ham radio wise. There are a LOT of VHF/UHF repeaters on such a small island. So with my magmount antenna on the rental car, I'll should be in good shape with the FT-60R.

Speaking of Echolink, in October, I'll be discussing my experience both in Army and Air Force MARS. They have something like Echolink called TEAMSPEAK. It's VOIP the same as Echolink and it has some nice features. First it allows a conference of members,

which I used for one on one training with the training officer near Binghamton, NY. It also is tied to HF nets, so you could check in using to the net via VOIP. I'm going to look into using Echolink or Teamspeak for our VHF nets. So between now and October, I should gather the facts together, for a reasonable presentation.

Finally, getting back to WARC business, I have set a goal for myself to contacting all current WARC members to get your thoughts on what you like about YOUR club, and maybe what you might not like. I want to know what activities, and trips you would like to see and so forth. I will also be contacting former members for the same reason. So feel free to drop me an email at: ag3l@k3dn.org. We are working to making Warminster ARC an even more enjoyable experience. 73's
Rich Luce / AG3L
President, Warminster ARC

Warminster Amateur Radio Club General Meeting Minutes August 5, 2010

Meeting was called to order by the President, Rich (AG3L) at 7:35 pm.

INTRODUCTIONS:

MINUTES FROM THE July 1, 2009 MEETING:

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

TREASURER REPORT- Rich (AG3L):
As given

COMMITTEE REPORTS:

MEMBERSHIP- Mark (WA3QVU) and Michelle (KB3MTW):

There are currently 123 paid-up members. There are 94 members who belong to the ARRL.

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 affiliation. ARRL annual membership dues are \$39.00.

PUBLIC SERVICE – George (N3HBT):

Nothing until the Polish American Festival at The Shrine of Czestochowa in Doylestown. It is September 4, 5 and 6 (Labor Day Weekend) then 11 and 12. See Burt (N3YVH) to sign up. October 12 (Columbus Day) there is the WREC Hole-In-One at Five Ponds. October 23 (Saturday) – Craven Hall 5K Run.

PROGRAMS- Irwin (KB3TB):

September 2, 2010 – Mark (AA3K), Irwin (KD3TB), Andy (KD3RF), *et al.* on Contesting.

(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

September 2, 2010 – Contesting

Mark (N3GNW), Irwin (KD3TB) and Andy (KD3RF)

October 7, 2010 – Presentation by Rich (AG3L) on Army MARS (Military Auxiliary Radio System)

November 5, 2010 - Ham Radio Outlet RICK LAMB (K3TL).

December 2, 2010 - Annual Warminster ARC Dinner.

(Continued from page 1)

October 7, 2010 – Presentation by Rich (AG3L) on Army MARS (Military Auxiliary Radio System)

November 5, 2010 - Ham Radio Outlet RICK LAMB (K3TL).

December 2, 2010 – Annual Warminster ARC Dinner.

REPEATER – Brian (N3EXA):

Warrington and Hilltown sites are off the air.

EchoLink is working on 440 MHz. Look for K3DN on website.

CLASSES:

September 13 (second Monday) there will be a class for the Technician Class license taught by George (KA3WXV). Study guides are available at cost.

Irwin (KB3TB) asked how many members would be interested in a Study Group for the Extra Class license. He will ask members to help. Doc (W3GAD) will help. With a study group you will learn instead of memorize.

GOOD and WELFARE- VINCE (KD3TC):

None.

50/50:

Adam (KB3JCP)

OLD BUSINESS:

None.

NEW BUSINESS:

1. Second full weekend in October is the PA QSO Contest.
2. Doc (KA3RAU) would like to have a special event station at the

Union League in Philadelphia. Doc has to talk to the Board at the League. Those who participate should take a sports coat and tie or a skirt or dress.

3. Tony (N3YNH) Discussed ham stations at Abington (and Lansdale) Hospitals. The new replacement for dealing with hams is also ham-friendly.

4. Doc (W3GAD) September 25 there will be a V/UHF Conference at the Montgomeryville Quality Inn. Check the PackRats website for details. There is a fee for the Conference and a fee for the banquet. There is no fee for the "beginner's" session on Saturday afternoon.

- Sunday October 3, 2010 is the PackRats Hamfest.

TONIGHT'S PROGRAM:

Renewable Electric Solar Photovoltaic Systems – Hugh (KB3BI) & Ken (KE3C)

Submitted:

WDØESL, Club Secretary
August 12, 2010

PUBLIC SERVICE

POLISH – AMERICAN FEST – Bert (N3YVH):

The Fest will be held September 4, 5, and 6 then 11 and 12 (Labor Day weekend and the following weekend.

WREC Hole-In-One at Five Ponds October 12 (Columbus Day)

Craven Hall 5K Run.

October 23 (Saturday)

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 Mark Hinkel (WA3QVU) 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 Mark Hinkel at mrhinkel@verizon.net or myself 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, Mark Hinkel - WA3QVU or Michelle London - KB3MTW at the WARC monthly meetings. Otherwise, please contact Membership at:

(Continued on page 3)

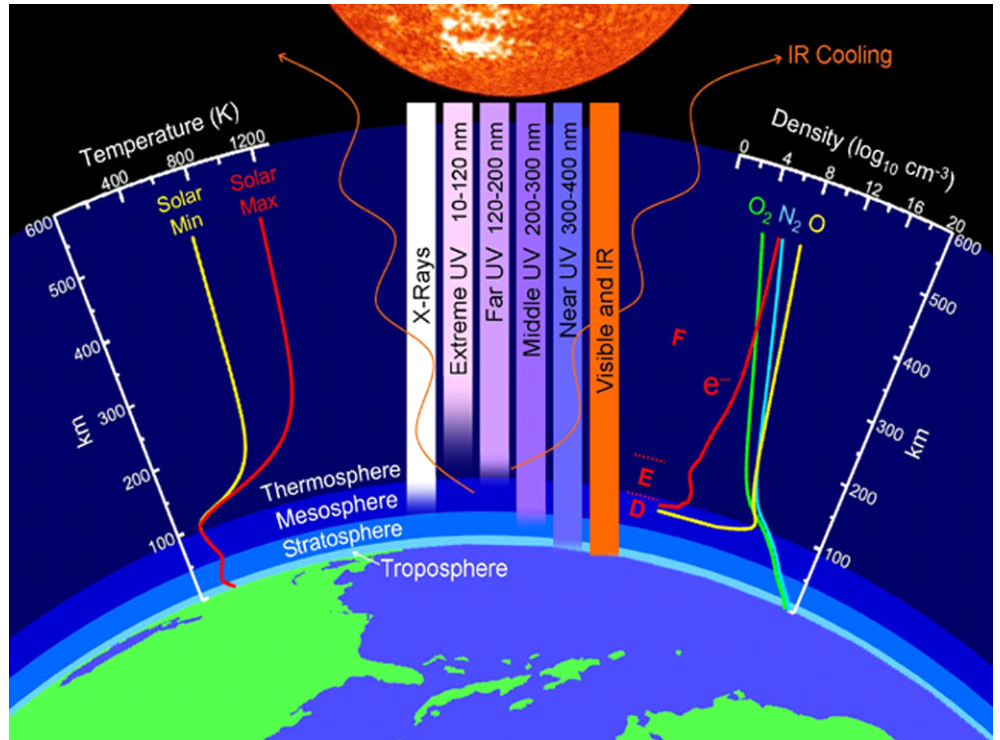
(Continued from page 2)
 WARCmembership@K3DN.org.
 Thank you.

The Incredible Shrinking Thermosphere

(Article provided by Irwin, KD3TB) http://science.nasa.gov/science-news/science-at-nasa/2010/15jul_thermosphere/ reported a collapse in the thermosphere. The thermosphere is now rebounding. John Emmert, Naval Research Lab, lead author on the article published in *Geophysical Research Letters* (June 2010), stated "This is the biggest contraction of the thermosphere in at least 43 years," ... "It's a Space Age record." The collapse happened during the deep solar minimum of 2008-2009—a fact which comes as little surprise to researchers. The thermosphere always cools and contracts when solar activity is low. In this case, however, the magnitude of the collapse was two to three times greater than low solar activity could explain. One possible explanation is carbon dioxide (CO₂). When carbon dioxide gets into the thermosphere, it acts as a coolant, shedding heat via infrared radiation. It is widely known that CO₂ levels have been increasing in Earth's atmosphere. Extra CO₂ in the thermosphere could have magnified the cooling action of solar minimum "But the numbers don't quite add up," says Emmert. "Even when we take CO₂ into account using our best understanding of how it operates as a coolant, we cannot fully explain the thermosphere's collapse." This is interesting to us as the ionosphere, responsible for radio wave propagation, is not another atmospheric layer, it is considered by some to be an extension of the thermosphere. We did not lose our radio wave propagation during this time, as AM Radio was still on the air and so were HF radio contacts.

SOLAR UPDATE

Tad "For shame the Sun will never show himself"
 <<http://www.vcu.edu/engweb/transcendentalism/authors/thoreau/>



thoreau.html#rain>"
 Cook, K7RA, reports: Sunspot numbers and solar flux declined this week, with the average daily sunspot numbers down nearly 17 points to 36.1, and the average daily solar flux down nearly 1 point to 83.6. In the previous week, average daily sunspot numbers had risen nearly 33 points to 53. New sunspot groups appeared on August 11, 13 and 16, but on Tuesday and Wednesday (August 17-18), total sunspot area was one-fifth what it was on August 16, less than one-seventh the area on August 14, and less than one-fourteenth the area of August 12. On August 12, 14, 16 and 18, the daily sunspot number was 50, 31, 39 and 23. Projections for solar flux over the next 10 days -- August 19-28 -- are 81, 80, 80, 80, 81, 82, 82, 85, 84 and 82. Predictions for planetary A index over those same days are 5 on August 19-23, 12 on August 24, 8 on August 25 and 5 on August 26-28. Geophysical Institute Prague predicts quiet conditions for August 20-22, quiet to unsettled August 23 and unsettled August 24-26. Look for more information -- including a look at some mail from readers and an article suggesting a theory on what may be responsible for this long solar

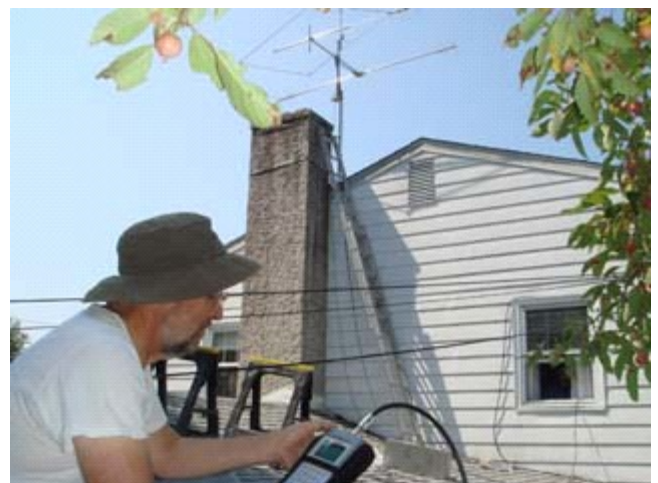
minimum -- on the ARRL Web site on Friday, August 20. For more information concerning radio propagation, visit the ARRL Technical Information Service Propagation page <<http://www.arrl.org/propagation-of-rf-signals>>. This week's "Tad Cookism" is brought to you by Henry David Thoreau's *The Summer Rain* <<http://www.vcu.edu/engweb/transcendentalism/authors/thoreau/thoreau.html#rain>>.

Courtesy The ARRL Newsletter

Authorities Believe Gary Haas, N5VGH, and Wife Killed by Escaped Convicts

The burned skeletal remains of Gary Haas, N5VGH, and his wife Linda were found in a charred camper on a remote ranch in eastern New Mexico on the morning of Wednesday, August 4. Authorities believe they were killed by escaped convicts, along with an accomplice, who had escaped from an Arizona prison on July 30. Authorities said that the Haas' bodies and camper were found by a rancher on his property, not far from Santa Rosa, one of the New Mexico cities that the couple frequented;

Doc Morein's (KA3RAU) Antenna Party
(With help from Jim, KB3NNB; Bill, K3ZMA and Irwin, KD3TB)



(Continued from page 3)

their truck was found in Albuquerque, 100 miles away.

Married about 35 years, the couple started out as high school sweethearts. They wed while Linda was still in college and Gary was in the US Air Force. Both followed career paths that led them to work at the General Motors plant in Oklahoma City, leaving when it closed down in 2006. After retirement, the couple took to camping, frequenting places in Colorado and New Mexico, often staying at state parks. According to Linda's younger sister, it wasn't unusual for the couple to take off for a month or so and go to Colorado with their pickup, travel trailer and dogs.

Two of the three escaped convicts have been captured: Tracy Province, 42 -- who was serving a life sentence

for murder and robbery -- was captured Tuesday, August 10 in Meeteetse, Wyoming; Daniel Renwick, 36 -- who was serving two consecutive 22-year sentences for second-degree murder -- was captured August 1 in Colorado. The third escaped convict -- John McCluskey, 45 -- was serving a 15 year sentence for attempted second-degree murder, aggravated assault and the discharge of a firearm. He and accomplice Casslyn Welch, 44, are still on the loose; Welch is McClusky's fiancée and cousin. -- *Thanks to The Oklahoman, the Tucson Citizen and the Phoenix New Times for the information*

(Editor's Note: Welch and McClusky have since been captured.)

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 2010 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 jmcloskey@msn.com and by phone 215-275-2979.

Lansdale, PA Testing on the first non-holiday 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

2010 Contest Calendar

- 09/11/2010** ARRL September VHF QSO Party
- 09/18/2010** ARRL 10 GHz and Up Contest

Colorado QSO Party 1200Z, Sep 4 to 0400Z, Sep 5
 Tennessee QSO Party 1800Z, Sep 5 to 0300Z, Sep 6
 Arkansas QSO Party 1300Z, Sep 11 to 0100Z, Sep 12
 Connecticut QSO Party 0000Z-2359Z, Sep 18
 South Carolina QSO Party 1300Z, Sep 18 to 2100Z, Sep 19
 Texas QSO Party 1400Z, Sep 25 to 0200Z, Sep 26 and 1400Z-2000Z, Sep 26

➤ **ATLANTIC DIV. HAMFESTS - 2010**

- 11 September** Pocono Area Hamfest Stroudsburg Junior High School Chipperfield Drive Stroudsburg, PA
<http://www.qsl.net/n3is/hamfest/index.html>
- 19 September** Gloucester County ARC's 32nd Annual Hamfest Gloucester County 4-H Fairgrounds 240 Bridgeton Pike (Route 77) Mullica Hill, NJ 08062 <http://www.w2mmd.org>
- 25 September** Mid-Atlantic States VHF Conference Quality Inn Conference Center 969 Bethlehem Pike Montgomeryville, PA 19454
<http://www.packratvhf.com>
- 2 October** Red Rose Repeater Association West Earl Community Park Newport Road (Route 772, Brownstown) Talmage, PA <http://w3rrr.org>
- 3 October** Mt. Airy VHF Club (PackRats) Middletown Grange #684 Penns Park Road Newtown, PA 18940
<http://www.packratvhf.com/latest.htm#Hamarama>
- 17 October** RF Hill ARC Sellersville Firehouse 50 North Main Street Sellersville, PA <http://www.rfhill.ampr.org>

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

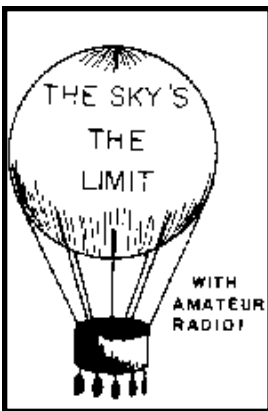
Bucks County SKYWARN Weather Spotter PRIMARY FREQUENCY: 147.300MHZ (+ 131.8)
 Fairless Hills, PA (many remote access locations throughout Bucks County)

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>

➤ **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



*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 Tech licenses starting on **Monday, September 13th, 2010**, at the Benjamin Wilson Community Center. The classes will start at 7:30 pm and last until 9:00 pm and run for 8 weeks.

For further information contact: George Brechmann at 215-443-5656

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 Gateway Stations:

Upper Bucks	NJ3A-10	145.610 Riegelsville
Lower Bucks	NY3J-10	145.530 Bensalem
Montco	W3CF-10	145.950 Hatfield
Chester County	W3EOC-10	145.690

Net Schedules

Sunday	2100	10 Meter Net	28.445 MHz
Wednesday	2030	2 Meter Net	147.09 Rptr.
Wednesday	2030	Linked w/ 2 Meter Net	443.95
Rptr. Wednesday	2030	Linked w/ 2 Meter Net	53.230 Rptr.
Sunday	2030	Informal Net	223.5 Simplex
Thursday	1900	Mont. Cnty RACES Net	146.835 Rptr.

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 Buegers
- 147.030 Phil-Mont
- 147.090 Warminster
- 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

D-STAR

- 447.625 K3PDR DStar DV

6 Mtr

- 53.030 WA3BXW
- 53.230 N3DQZ
- 53.320 K3MFI

Are you submitting an article for the Feedback ?

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

- 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 Saturday before the Board meeting.

The annual dues rate structure is as follows:

Full Member:	\$ 20.00
2nd Family Member:	\$ 10.00
Student:	\$ 10.00
Alumni:	\$ 10.00
Associate:	\$ 5.00

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

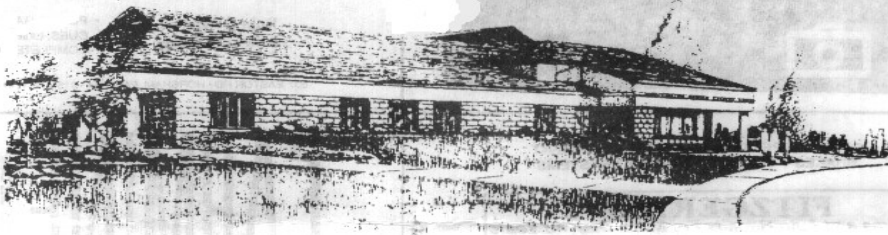
2010 Officers

Executive Officers

President	Richard Luce	AG3L	215-441-8264
Vice-President	Irwin Darack	KD3TB	215-343-8170
Secretary	Frank Clayton	WD0ESL	215-855-1029
Treasurer	James Hersch	K3JSR	215-674-1607
Director (E)	Michelle London	KB3MTW	215-672-7578
Director (E)	Mark Kempisty	N3GNW	215-953-1493
Director (A)	Al Konschak	WI3Z	215-491-9941
Director (A)	Brian Taylor	N3EXA	215-257-6303
Past President	Larry Abbott	WA3ELQ	215-443-7521

Committee Chairpersons

Archives	Burt Ludin	N3YVH	267-781-0603
ARES Liason	Denise Burstein	KB3ANO	215-355-1150
Arrl Liason	Richard Luce	AG3L	215-441-8264
Awards Manager	Vince Pironti	KD3TC	215-674-0446
Classes	George Altemus	KA3WXV	215-855-3856
Digital and APRS	Ron Wenig	NY3J	215-638-9257
DXpedition	Doc Whitticar	W3GAD	215-968-6397
Feedback Editor	Jim Elmore	WA4YWM	215-538-1889
Field Day 09	Mark Kempisty	N3GNW	215-953-1493
Fundraising	Adam Huffnagle	KB3JCP	215-442-9526
Hamfest 10	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
Membership	Mark Hinkel	WA3QVU	215-659-4449
Net Manager	George Brechmann	N3HBT	215-443-5656
PA QSO Party	Mark Kempisty	N3GNW	215-953-1493
Publicity	Dan Myers	KB3IBQ	215-957-2343
RACES Liason	Chris McCormack	N3JHR	215-969-2626
Refreshments	Doc Morein	KA3RAU	215-542-0593
Refreshments	Randy Gehman	N3LJE	215-822-9473
Repeater Cooridinator	Brian Taylor	N3EXA	215-257-6303
Satellite	Joe Bagnick	N3EMA	215-997-2539
Skywarn Liason	Mike Patton	W3MJP	215-491-9665
Station Trustee	George Brechmann	N3HBT	215-443-5656
Sunshine Club	Vince Pironti	KD3TC	215-674-0446
Township Liason	George Brechmann	N3HBT	215-443-5656
VE License Testing	Larry Abbott	WA3ELQ	215-443-7521
VHF/UHF/MW	Al Sheppard	N3ITT	610-847-5490
Website Coordinator	Al Konschak	WI3Z	215-491-9941
Youth Programs	Richard Luce	AG3L	215-441-8264
Youth Programs	Steve Larson	WW3Y	215-822-1511

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.

For general club correspondence:

k3dn@k3dn.org

For Feedback articles:

wa4ywm@comcast.net

Visit our Home Page at:

<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

Warminster Amateur Radio Club
Box 113
Warminster, Pa 18974

Address Service Requested. If
Undeliverable, Return to Sender.