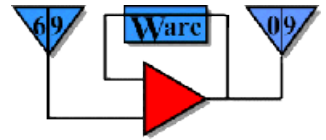




FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

June 2012

Next Meeting June 7th, 2012 – High Definition Display Technology Trends

President's Message

The Warminster ARC Hamfest is completed and put away until next year. Three years running we had great weather for our Hamfest weekend. WARC Hamfest 2012 was a financial success thanks to the work of our Hamfest Chair Mark Hinkel / WA3QVU, as well as all the club members who contributed to pull off our major fund raising event. All are to be commended for a job well done. The financial proceeds from the Hamfest in May fully underwrite the cost of the club's Field Day event, plus other activities throughout the year.

Mark / WA3QVU has alerted us that he can't do the Hamfest next year, so the position of Hamfest Chair is open. Interested? – please let any of the board members know.

The June 7th meeting is jam packed. It will feature **Pete Putman / KT2B**, on High Definition Display Technology Trends. Pete, a 30+ year veteran of the AV industry and a journalist for over 25 years, will talk about significant trends in display and interfacing technology and how these trends will have a direct impact on the world of pro AV...or not! Those trends include organic light-emitting diode (OLED) displays, hybrid display + data interfaces (Thunderbolt), laser projection, wireless HDMI and Display Port connectivity, AV Bridging, augmented reality (AR) eyewear, and voice and gesture recognition for AV control systems – plus a few surprises.

Pete is the president of ROAM Consulting LLC, currently writes AVENT Horizon, a monthly column for Sound & Communications magazine. He's also a contributor to TV Technology and publishes his own Web site, HDTVexpert.com. He was named InfoComm's 2008 Instructor of the Year and is a featured speaker at the annual InfoComm conventions.

In addition, this meeting will feature our annual Pizza Night, and an update on Field Day preparations and Club Elections.

The annual election of officers for the Warminster ARC occurs at the June meeting. We have a slate of well-qualified nominees who will provide strong leadership for Warminster Amateur Radio Club. If you want to nominate anyone, or possibly run for any position yourself, please contact Bernie / AB3YZ, or Bill / K3ZMA.

As we start the month of June, we can look forward to a number of major operating events for the Warminster ARC. First on June 9-11, 2012, we have the ARRL June VHF QSO party. This is one of two yearly events where our technicians can fully participate in the event. The goal is to work as many stations as possible, and trying to get as many grid squares as possible. This is strictly 50 Mhz and above.



Then on **June 23-24, 2012**, we have the premier operating event of the year: ARRL Field Day. Our club conducts its Field Day activities at The National Shrine of Our Lady of Czestochowa in New Britain Township. This is where we set up operating stations on as many bands as possible and operate for a 24-hour period on non-commercial power. The Pauline Fathers at the Shrine are very generous and allow the Warminster ARC to conduct Field Day every year. This year again, we will have MARK / AA3K serving as Field Day chairperson. Mark's XYL Marianne / KA2VJO will be serving up her usual excellent meals from their camper kitchen. If you would like to participate in this superb event, contact Mark Kempisty at aa3k@k3dn.org.

(Continued on page 2)

(Continued from page 1)

Finally I'll be stepping down as club president this month. I enjoyed the 30 months that I served as your president. I'd like to step back down to position of Club Vice President Actually, the job of vice president is more demanding and time consuming than that of president.

It was my honor being your president at the Warminster ARC.

'73s

Richard J Luce
President Warminster ARC
ag31@arrl.net

Meeting Minutes

The President Rich / AG3L opened the meeting at 7:35.

The sign-in sheet was passes around.

Introductions

Minutes of previous meeting

The minutes of the April 2012 meeting were approved as published in the Feedback.

Committee Reports

Treasurer report - Frank, WD0ESL

As reported.

Membership - Bill, K3ZMA

Members on rolls: 142

Members in good standing: 122

Members on new yearly cycle: 109

Public Service - George, N3HBT

March of dimes was a successful event.

Warminster Memorial Day parade. Confirmed event. Need 10 operators.

Hole in one golf event at the Five ponds course on June 7. This is a morning event.

Need 10 operators.

Hatboro car show in July to be confirmed.

Programs - Irwin, KD3TB

TONIGHT Ham fest setup.

June 7 Pizza night. Field day. Elections.

July 5 Emergency Management ARES Bucks Co.

Aug 2 Fox Hunting

Sep 6 Home brew

Oct 4 Open

Nov 1 Rick Lamb -HRO

Dec 6 Holiday dinner

Classes - George, KA3WXV

We are holding a combined Technician and General license class. There are sixteen student. Plan to hold similar class in the fall starting on the second Monday in September.

Repeater - Brian, N3EXA

The repeater is working fine after adjusting the screen voltage on the transmit tube.

Brian reminded the mobile users to 'hang' the mike when done talking to prevent random keying of the repeater.

(Continued on page 3)

Visitors

None.

Hamfest - Mark, WA3QVU

Coordination Activities in preparation of the event done after closing of the business meeting.

Other announcements

None.

Old Business

None.

New Business

None.

Members Comments/Questions

None.

The meeting was adjourned at 7:30.

Submitted:

Bernie / AB3YZ, Club Secretary

June 2, 2012

A Tech on Ten (Generally Speaking)

Hello Everyone! It's been a while since I rambled on about something and thought it was about time I did. As you may have inferred from my title, I recently passed the General Exam and upgraded my license. But that's another story for another day.

The thing that's got me charged up today is HAMFEST 2012 ! A year's worth of planning went into this Grand Event and it certainly showed. Weeks ahead of time the Club mailed out postcards to let every Ham within 5 surrounding states know about our "Little Party".

Before anyone knew it, the count down was upon us and we were sitting at the last General Meeting just 3 short days before our event. Work parties for set up were requested and some small changes in the rules regarding vendors unloading their bounty from vehicles parked inside the building as well as overnight parking on the fair grounds were discussed. Everyone was well informed and it seemed that these small changes would have little effect.

Saturday came...one day to go. The team worked together like we'd done this before...hmmm. Tables in place, check. Power cords run, PA System wired in, Check! We're more than ready, but boy did we get a surprise on Sunday Morning! The weather looked a little iffy, but, They came in droves ...PEOPLE!! Vendors took up All of the space that we'd prepared indoors and the field outback was packed with more! New Radios, Old Radios, Coax, Miscellaneous connectors of every kind, Power supplies, HTs, collectables, Amps and more.....Ham Heaven.

I am very happy to say that the response we got was great. All of our guests left happy and everything went off without a single hitch. Oh, I did forget to mention, the V.E. session went well. Of the three people that took the exam 2 passed. That's not all bad! More Happy Hams to add to our ranks. I'm sure the one that didn't make it this time will get it right next time. I do hope he or she left seeing all of our Ham brethren and saw that there are plenty of us to ask questions of if need be. I wonder if we can make a follow up contact and get them into one of our classes....That'll get 'em through for sure!

So at the end of the day, the fair ground was left in tip top shape and a bunch of exhausted WARC Hams dragged off into the sunset (queue some dramatic music). We all need to look back and reflect on Ham fest 2012. We make one heck of a great Team Huh!!!.....How are we gonna top this next year?! Let's get planning!

Thank you all.

Your Tech on Ten, Generally Speaking,

Alan Berkheiser KB3VYX

SOLAR UPDATE

Tad "All spheres, grown, ungrown, small, large, Suns, moons, planets <<http://www.youtube.com/watch?v=8aK6k6tt1Z4>>" Cook, K7RA, reports: The average daily sunspot numbers sank more than 28 points this week (nearly 26 percent) to 81.9, while the average daily solar flux declined more than 16 points to 111.6. No new sunspots appeared since May 25. The short term outlook is for lower solar activity, with the

solar flux peaking around 120 on June 5-15 and July 1-12. The latest prediction has solar flux at 110 on May 31-June 2, 115 on June 3-4, 120 on June 5-15, then 115 on June 16-18, 110 on June 19-26 and 105 on June 27-28. The predicted planetary A index is 5 on May 31-June 2, then 10, 15, 18, 15 and 8 on June 3-7, 5 on June 8-11, 8 on June 12-13, 5 on June 14-17, and 15, 12 and 8 on June 18-20, and then back down to 5 on June 21-25. Look for more on the ARRL website on Friday, June 1. 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 Ralph Vaughan Williams' A Sea Symphony http://en.wikipedia.org/wiki/Sea_Symphony (II On the Beach at Night Alone), taken from Walt Whitman's Leaves of Grass <http://en.wikipedia.org/wiki/Leaves_of_Grass> (Book XIX <http://en.wikisource.org/wiki/Leaves_of_Grass/Book_XIX#On_the_Beach_at_Night_Alone>, verse 8).

Courtesy ARRL Newsletter

Heathkit Educational Systems Closes Up Shop

For the second time since 1992, Heathkit Educational Services (HES) has shuttered its doors. Rumors of the legendary kit-building company's demise were **posted on QRZ.com**, with several readers bringing the news to the attention of the ARRL. In August 2011, Heathkit announced it was **returning to the kit building business**, and in September, that it would once again be **manufacturing Amateur Radio kits**.

The ARRL tried to reach Heathkit to confirm that the company is still in business, but their phone and fax numbers have a continuous busy signal, and e-mails to the company have gone unanswered.

On LinkedIn, a popular networking site, HES Chief Executive Officer Lori Marciniak listed her **employment ending at Heathkit as of March 2012**. Likewise, Heathkit's Marketing and Sales Director Ernie Wake listed his **employment ending in April 2012**. An **unsubstantiated report on Wikipedia** states that "[in] December 2011, Heathkit Educational Systems laid off most employees and in March 2012, the company indefinitely suspended operations."

Tom Ferriter, of Technical Education Products, is an outside sales representative for HES, based in Hampden, Massachusetts. "Heathkit is telling us that they have temporarily closed, but that they are hopeful that they will be able to reorganize," he told the ARRL. "While they're not telling us too much, they did say that they were having poor sales for a myriad of reasons and are hopeful that they will be able to refinance the company and negotiate with the bank to refinance some of the debt."

Courtesy ARRL Newsletter

AMATEUR RADIO IN SPACE: AMATEURS ASKED TO LISTEN FOR HORYU-2 SATELLITE

The Japanese HORYU-2 <http://kitsat.ele.kyutech.ac.jp/index_e_new.html> research satellite was launched May 17 at 1639 UTC as part of a mission that included the JAXA climate observation satellite Shizuku. HORYU-2 was built by students at the Kyushu Institute of Technology (KIT) and it carries the call sign JG6YBW. The satellite will conduct a variety of experiments including high-voltage power generation and space debris measurements. Amateurs have been asked to monitor HORYU-2's Morse code and 1200-baud AX.25 packet telemetry at 437.375 MHz. Telemetry decoding software is available for download

<http://kitsat.ele.kyutech.ac.jp/Documents/ground_station/Horyu2%20Data_Analysis_Program_japanese.zip>.

To encourage hams to submit reports, KIT will conduct a monthly prize drawing. Details are available here

<http://kitsat.ele.kyutech.ac.jp/Documents/ground_station/english/Receive_competition_eng.pdf>.

Courtesy ARRL Newsletter

CLUB INFO

PUBLIC SERVICE

Hole in one golf event at the Five ponds course on June 7. This is a morning event.
Need 10 operators.
Hatboro car show in July to be confirmed.

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!"

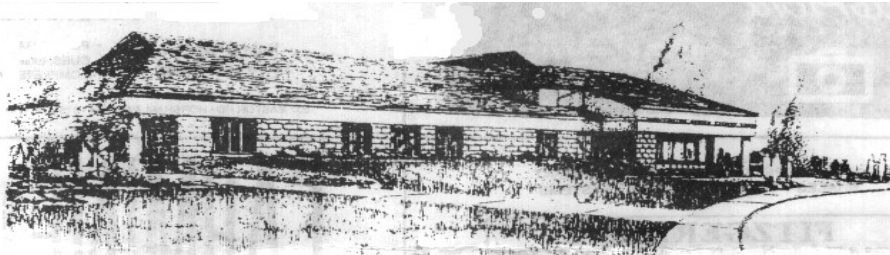
The Membership Committee has badges and Club cards for you to pick up. If you do not have a Warminster Amateur Radio Club badge or card with your picture on it, please stop by and visit your Membership Chairs, Bill Strunk, K3ZMA or Michelle London - KB3MTW at the WARC monthly meetings. Otherwise, please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

PROGRAMS 2012

June 7th	High Definition Display Technology Trends
July 5th	Emergency Management
August 2nd	Fox Hunting
September 6th	Home Brew
October 4th	ARRL night
November 1st	Tentative – Rick Lamb HRO
December 6th	Holiday Party

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.

2012 Contest Calendar

June

9-10 June VHF QSO Party
 16 Kids Day
 23-24 Field Day

July

14-15 IARU HF World Championships

August

4-5 August UHF Contest
 19 Rookie Roundup - RTTY
 18-19 10 GHz and Up Contest (round 1)

QSO Parties

Alabama 1600Z, Jun 2 to 0400Z, Jun 3
West Virginia 1600Z, Jun 16 to 0200Z, Jun 17

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 2012 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

➤ ATLANTIC DIV. HAMFESTS - 2012

June 9 - Bloomsburg Hamfest

Lime Ridge Community Center
 6405 Fourth Street
 Lime Ridge, PA
<http://www.qsl.net/cm-arc/>

June 30 - Eastern Pennsylvania Section Convention (Electronics Expo & Firecracker Hamfest)

Harrisburg Area Community College Public Safety and Fire Training Grounds
 3599 Industrial Road
 Harrisburg, PA 17101
<http://www.w3uu.org>

July 8 - Mid-Atlantic ARC's Valley Forge Hamfest

Kimberton Fire Company Fairgrounds Firehouse Lane Kimberton, PA 19442
<http://www.marc-radio.org>

July 21 - KC2YRV Memorial Jersey Shore Hamfest

Shore Mall
 6725 Black Horse Pike
 Egg Harbor Township, NJ 08234
<http://www.jerseyshorehamfest.com/>

July 22—MARYLAND HAMFEST AND COMPUTER FEST

Howard County Fairgrounds 2210 Fairground Road
 West Friendship, MD 21794
<http://www.bratsatv.org/hamfest>

September 30 - Hamarama,

Mount Airy VHF Radio Club (Packrats)
 Middletown Grange, Penns Park Road, Wrightstown, Pa.
<http://www.packratvhf.com>

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

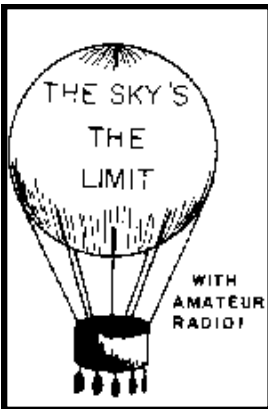
Bucks County SKYWARN Weather Spotter PRIMARY FREQUENCY: 147.300MHZ (+ 131.8)
 Fairless Hills, PA (many remote access locations throughout Bucks County)

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 station.

For further information contact George Brechmann, N3HBT at 215-443-5656.

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
- 447.475 WR3B
- 447.625 WE3E
- 448.225 Penn Wireless

D-STAR

- 146.61000 K3PDR DV
- 445.18125 K3PDR DV
- 445.01875 AA3E Montco RACES

6 Mtr

- 53.030 WA3BXW
- 53.230 N3DQZ
- 53.320 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. 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.

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 regular meeting.

For general club correspondence:

k3dn@k3dn.org

Visit our Home Page at:
<http://www.k3dn.org>

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.

2012 Officers

Executive Officers

President	Richard Luce	AG3L	215-441-8264
Vice-President	Irwin Darack	KD3TB	215-343-8170
Secretary	Bernie Paratore	AB3YZ	215-348-2010
Treasurer	Frank Clayton	WD0ESL	215-855-1029
Director (E)	Michelle London	KB3MTW	215-672-7578
Director (E)	Mark Kempisty	AA3K	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			
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 12	Mark Kempisty	N3GNW	215-953-1493
Fundraising	Adam Huffnagle	KB3JCP	215-442-9526
Hamfest 12	Mark Hinkel	WA3QVU	215-659-4449
Hamwear			
Holiday Dinner	George Brechmann	N3HBT	215-443-5656
Interference	Mark Kempisty	N3GNW	215-953-1493
Membership	Michelle London	KB3MTW	215-672-7578
Membership	Bill Strunk	K3ZMA	215-822-0749
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 Coordinator	Brian Taylor	N3EXA	215-257-6303
Satellite	Joe Bagnick	N3EMA	215-997-2539
Skywarn Liason			
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