



FEEDBACK



Warminster
Amateur Radio Club

Web Site k3dn.org

Warminster Amateur Radio Club

June 2016

Next Meeting June 2nd - Field Day Prep/Logging Program

President's Message

Let me start by announcing that, due to Andy KD3RF continuing to recover from his recent procedure, the Board has appointed Kathy KC3FBY to fill the remainder of Andy's term as Secretary prior to beginning her own. Kathy was voted in by the membership for the next term (due to start in July), but has been appointed to the position a few months early. Congratulations, Kathy, and thank you for your service!

WARC's Field Day preparations are gaining steam, but there's still work to be done! Doc W3GAD and Mark AA3K are focused on making this Field Day another successful event, and your help and cooperation is necessary to accomplish that. I've said this before, but it's worth repeating: If you've never been to Field Day, you should try to attend. It's one of those 'Bucket List' things that should every ham should experience at least once, and most find themselves repeating the process annually! With all the rain we've seen since the beginning of April, hopefully Mother Nature will be fresh out by the time the last weekend in June rolls around...

We're heading towards the bottom of sunspot Cycle 24, but there's still activity on the bands, even if it's a bit hit-and-miss and noise levels continue to creep up. Since I've reinstalled the mobile rig, I've been more active recently myself, and have taken advantage of reasonably good conditions to work some DX. As the low point nears, how do you plan to wait it out? Will you take advantage of the lull to brush up on your operating skills, perhaps build up your CW proficiency? Maybe you'll use the time to upgrade your antenna farm or organize your shack? Or will you maintain the same level of activity, a sort of "Damn the torpedoes" approach?

This month's meeting presentation will be dedicated to Field Day prep and tying up most of the loose ends, as this our last gathering before the event. There is plenty of help still needed, so we look forward to your participation. See you there!

de Tony, W3FLH

73

Meeting Minutes WARC General Membership Meeting May 5, 2016

Attendance:

Call to order

Introductions – pass the mic

Minutes from last meeting:

Approved with one correction; in old business change the software we are using for Field Day to N3FJP.

Committee Reports:

Treasurer's Report: <Bill K3FMQ>

As read at the meeting.

Programs: <Vinny K3VJP>

June: Field Day prep

July: Transmitters and Microwaves

August: Home Brew night

Have a volunteer to talk about QSL cards

Membership: <George KC3ESH>

WARC currently has 128 members. 2 pending applications, 2 new members

Public Service: <George N3HBT>

2 sign-up sheets

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Memorial Day Parade, Warminster, May 30 from 10 to 12:30-1:00, Hot dogs, coffee, soda back at VFW post after the parade. Parade runs from the township building at Henry and Gibson Ave down Henry Ave to York Rd., north on York Rd to Street Road and then east on Street Road to Louis Drive and then Louis Drive to the VFW Post.

Hole-in-One Golf Outing at Warminster Five Ponds Golf Course, Monday, June 20. Start time 1:00 pm. Hot buffet after outing. Need about 8 operators.

Thank you to all who helped at the March of Dimes, March for Babies at Tyler State Park on April 24. No incidents and Sergeant Bainbridge really appreciated the help.

Karl K3KH, Tour de Cure, Saturday, June 4. If you have helped in the past year or 2, you will be getting an email from Michael KB1JEY. If you have not helped in the past but would like to, please send an email to KB1JEY@ARRL.net or K3KH@arrl.net. The bike race begins at about 7:00 am in the morning.

Classes: <Ron WA2OQB>

Extra classes still going on. As far as the tech class, out of the 7 have taken the test, 6 passed and 1 missed by 2 questions. Next set of classes date to be determined.

VE Testing: <Larry WA3ELQ>

2 VE sessions, 4/25, 9 candidates, 8 successful, 4 techs and 4 upgraded to extra Hamfest, 6 candidates all successful, 1 tech and 5 upgraded to extra
Next VE session will be one week earlier, May 23, due to Memorial Day.

Repeater: <Brian N3EXA>

Not much new to report, added a filter. Need to fix echo link it's not working.

Good and Welfare:

Vince not in attendance. Toni not aware of anything. Copy of Dave Simpson's, W13Y, memorial service booklet is available to review.

Old Business

NPOTA – was a success. 156 unique stations on 40 meters and a total of 164 contacts. Between the NPOTA and the Revolutionary Run, put club and HAM radio in a good light. We may look at another operation later in the year, maybe in the fall.

Kit Building Session – Toni W3FLH club purchased kits for a 10W passive dummy load with LED. Need sign-up sheet for people interested. Session will be held on a Saturday to allow enough time to complete the kit.

ARRL visit will be planned for the fall.

Hamfest recap – Mike WJ3O reported that it was a success even with the weather. Thank you to everyone who helped, especially those who worked outside. 300+ people attended. This year we will probably break even. Testing worked out well. Mike is stepping down chairman next year. Anyone interested in taking over talk to Mike.

Field Day – DOC W3GAD Band captains will have sign-up sheet – please add name, call sign and phone number. Need someone for Publicity. Will be at the Shrine of Czestochowa, Doylestown, PA. Will be using N3FJP, ver. 5.1. Contact Mark for password.

Survey Monkey – 2 new surveys will be going out, 1 for logging software and 1 for refreshments.

Election results will be tallied after pizza.

Motion to adjourn at 8:15 pm.

Presentation: *Pizza and Elections*

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Laura, KC3GWL, Receives Directors Award at State Science Fair

(Ed. Note: The following was received from Mark N1MDF as sent to Tony, W3FLH)

Laura attended the PA State Science Fair last weekend at Penn State. Her presentation on detecting radio emissions from planets not only scored a perfect score from 3 individual judges, but also earned her the Director's Award in the category Earth/ Space of which only one presenter in each of the 13 categories out of 3000 students was awarded.

Personally, I wanted to say thank you for the warm welcome and hospitality the WARC club has demonstrated thus far. Laura is very excited to be a member of this mature organization and I believe is a big part of this accomplishment.

We are looking forward to getting more involved and continuing both of our educations.

Thanks in advance.

Mark

Michael, KB1JEY, Visits ARRL HQ

I took advantage of traveling through Connecticut on a weekday and poked my head into W1AW and ARRL HQ on my return from Massachusetts. I said hello to Joe Carcia NJ1Q, the W1AW Station Manager who was pleased about restoring his old Tek oscilloscope to life but not so happy about band conditions (I offered to make a contact to him from the Mighty Manly Minivan II). Not having time available to visit everywhere, I decided to revisit the ARRL Lab with Skip Colton W1FTE, a volunteer tour guide.



The object that Skip is holding in the picture is the famous Tuna Tin QRP transceiver, constructed by the late Doug DeMaw W1FB. Your readers can learn more at the following link:

<http://www.arrl.org/news/museum-donates-doug-demaw-w1fb-homebrew-equipment>

Skip did not flinch when I mentioned his visage might appear in Cheesebits and Feedback.

73, Michael KB1JEY

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HAMFEST PHOTO (Contributed by WA3ZPC)



K7RA SOLAR UPDATE

Tad Cook, K7RA, Seattle, reports: Solar indices pulled back this week. The average sunspot number was 25.3 for May 19-25, down by 38.8 points from the previous week. The average daily solar flux over the same period was 97, down by 3.4 points from the previous week. Planetary A index average was 7.1, down by 2.8 points, and average daily mid-latitude A index was 7, down by 3.9. This overall decline in solar activity should continue at least for the next 4 years. Compared to past cycles, this one is considerably weaker.

The latest forecast from NOAA/USAF shows solar flux at 95, 90, and 85 on May 26-28; 90 on May 29-30; 85, 95, 90, and 95 on May 31-June 3; 90 on June 4-7; 95 on June 8; 100 on June 9-10; 95 on June 11-12; 90 on June 13-16; 85 on June 17-20; 90 on June 21-25 (except 85 on June 23), and 95 on June 26-30.

The latest prediction for planetary A index is 12, 14, 8, 12, 16, and 8 on May 26-31; 5, 12, 15, 35, 30, and 15 on June 1-6; 5 on June 7-10; 12 on June 11-13; 8 on June 14-15; 5, 15, 12, and 10 on June 16-19; 5 on June 20-21; 12, 10, 8, 5, 15, 12, and 8 on June 22-28; 15 on June 29-30; 35, 30, and 15 on July 1-3, and 5 on July 4-7.

Sunspot numbers for May 19 through 25 were 38, 43, 17, 15, 13, 24, and 27, with a mean of 25.3. The 10.7 centimeter flux was 98.8, 99.5, 97.8, 97.4, 97.4, 94.3, and 93.6, with a mean of 97. Estimated planetary A indices were 8, 6, 15, 7, 5, 6, and 3, with a mean of 7.1. Estimated mid-latitude A indices were 8, 6, 16, 5, 4, 6, and 4 with a mean of 7.

Send <k7ra@arrl.net> me your reports and observations.

Courtesy ARRL Newsletter

Maritime Mobile Service Network Responds to Mayday Call from Stranded Vessel

The crew of a sailing vessel that foundered on a reef in the South Pacific in early May was rescued in good shape, thanks in part to the alert ear of Maritime Mobile Service Network ([MMSN](#)) member Russell Taylor, AI6GV, of San Marcos, California. On May 3, Taylor monitored a "Mayday" call on 14.300 MHz from the Alaska-based *Morning Dove*, at the time some 200 miles northeast of French Polynesia. The vessel's captain, Bruce Moroney, KL3RK, reported that his 46-foot ketch had become stuck on a reef and was unable to move. The crew transmitted the Mayday distress call after the vessel began taking on water.

"I tried to reverse with no effect," Moroney explained afterward to [Latitude 38](#). "Within 10 minutes, conditions became extreme." Moroney said that after the ketch's hull and diesel fuel tank breached, an emergency position-indicating radio beacon ([EPIRB](#)) was activated, and a Mayday put out. "Within 15 minutes, the radios were underwater," Moroney said.

Taylor apprised the US Coast Guard of the situation and of the vessel's position. The French Navy subsequently dispatched a helicopter to the area within about 6 hours of the incident, airlifting the four unharmed crew members to safety. Efforts were reported under way to retrieve the grounded vessel.

The Coast Guard later called Taylor, to tell him that had he not monitored the Mayday, the consequences could have been devastating for the crew.

Assisting in the event were longtime net member William Sturridge, KI4MMZ, in Florida, and his friend Peter Mott, ZL1PWM, in New Zealand, who relayed information.

The Maritime Mobile Service Network monitors 14.300 MHz with operators on scheduled shifts from 1700 to 0300 UTC.

"This incident occurred well after scheduled net operations, when propagation on 20 meters usually is minimal at best," Assistant Net Manager Jeff Savasta, KB4JKL, said. He pointed out that MMSN members often continue to monitor the frequency outside of the net's regular schedule, keeping an ear open for just such events. Read [more](#). -- *Thanks to Jeff Savasta, KB4JKL, and MMSN Manager Rene Stiegler, K4EDX, and to Latitude 38*

Courtesy ARRL Newsletter

Missouri Radio Amateur Petitions FCC to Designate "Symbol Communication" Subbands

James E. Whedbee, N0ECN, of Gladstone, Missouri, has petitioned the FCC to designate Morse (radiotelegraphy) Amateur Radio band segments as "symbol communication" subbands. The FCC has invited comments on his *Petition for Rule Making* ([RM-11769](#)), filed on May 2. Arguing that retaining the current regime of "legacy" CW subbands has proven "grossly inefficient," Whedbee said he'd like to see the FCC delete all privilege restrictions that limit any part of the Amateur Radio spectrum to Morse code to the exclusion of other modes.

"Nostalgia for retention of Morse code telegraphy-only subbands is also an insufficient reason to avoid moving forward to [the] elimination of such subbands, because nothing about this *Petition* suggests the elimination of the mode itself, only that it not be the sole authorized mode in the subject subbands," Whedbee told the FCC.

Whedbee characterized CW-only subbands as "an excessive regulatory constraint, as well as a poor use of the spectrum concerned." He proposed that the FCC's Part 97 rules reflect the "ultimate form of communication reproduced at the receiving end." As he explained it, his regulatory scheme would break down modes into three categories: "Symbol communication mode" -- for CW, digital, and other emission modes that reproduce a discrete symbol on the receiving end; "voice mode," and "image mode."

"[C]ontinuing regulation by specific emission designator is proving to be onerous with changes to the state of the art," Whedbee said. "Accordingly, to continue developing the state of the art in radiocommunications, Amateur Radio needs to clearly get away from regulating in that fashion and return to consideration of what the receiving end of the communication reproduces." Commenters have 30 days to respond to Whedbee's *Petition*. Read [more](#).

Courtesy ARRL Newsletter

CLUB INFO

PUBLIC SERVICE

Tor de Cure, June 4—Michael KB1JEY

Golf Outing - Monday, June 20 - 1 PM start.

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

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

An Alumni membership category is available for WARC members who are unable to attend meetings and club activities on a regular basis because of health considerations, travel impediments, or other hardships. Dues for the Alumni membership are \$10.00 annually and are approved by the Board. Please contact the Membership Committee for more information if interested."

ATTENTION MEMBERS

The Membership Committee can provide Club badges. Two types are available: an engraved plastic callsign and name badge for \$5 or a free, laminated plastic, photo ID badge/card. The photo id badge is included with your membership. Pictures for the club badge will be taken before club meetings on even numbered months. If you do not have at least a Warminster Amateur Radio Club badge with your picture on it, please contact your Membership Chairs at the WARC monthly meetings. Otherwise, please contact Membership by email at: membership@k3dn.org.

If you want to have your picture taken to be placed on the 'Members' Photos' section of the www.k3dn.org website, please contact Membership with your interest. When we get enough people who are interested we will post a notice in Feedback and have a camera ready at the following club meeting.

PROGRAMS 2016

June – Field Day Prep/Logging Program

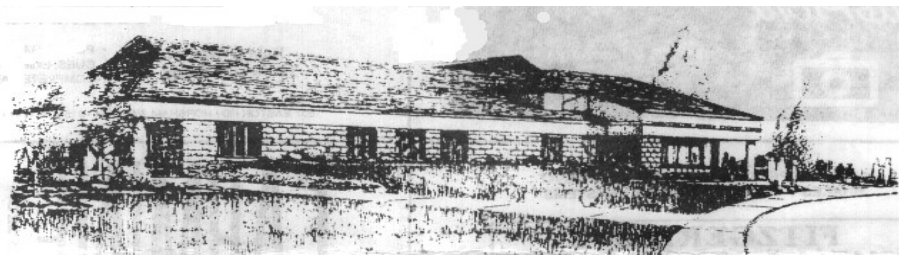
July – Transceivers/Microwave

August – Homebrew Night

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.



2016 Contest Calendar

JUNE

June VHF

June 11-13, 1800 UTC Saturday, runs through 0259 UTC Monday

Kids Day

June 18, 1800 UTC through 2359 UTC

Field Day

June 25 - 26, 1800 UTC Saturday and running through 2059 UTC Sunday

JULY

IARU HF World Championship

July 9-10, 1200 UTC Saturday and ending 1200 UTC Sunday

AUGUST

10 GHz & Up

August 20-21, Operations may take place for 24 hours total on each contest weekend. Each weekend begins at 6:00 AM local Saturday through 12:00 midnight local Sunday.

Rookie Roundup (RTTY)

August 21, 1800 UTC through 2359 UTC.

QSO Parties

Alabama 1600Z, Jun 4 to 0400Z, Jun 5

West Virginia 1600Z, Jun 18 to 0200Z, Jun 19

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 2016 test fee is **\$15.00**.

Warminster Amateur Radio Club, Monthly, Last Mon. 7:00 pm at the Wilson Senior Community Center 580 Delmont Avenue Warminster, PA 18974 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, 3rd Monday at 6:30. Falls Township Building - Ben Johns, K3JQH, 215-657-5994

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 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 ➤ 2016

June 5 - JSARS HAMFEST BY THE SHORE

Riverwood Park 100 Riverwood Drive Toms River, NJ 08753

<http://jsars.org>

June 11 - Bloomsburg Hamfest

Lime Ridge Community Center 6405 4th Street Lime Ridge, PA

<http://www.qsl.net/cm-arc/hamfest.htm>

June 19 - BARC Fathers Day Hamfest

Arcadia Volunteer Fire Company Grounds 16020 Carnival Avenue Upperco, MD 21155

<http://www.w3ft.com>

June 23 - RadioActivity 2016

Holiday Inn 9615 Deereco Road Timonium, MD

<http://www.maarc.org>

July 2 - Eastern Pennsylvania Section Convention (Firecracker Hamfest)

Harrisburg Area Community College 3599 Industrial Road Harrisburg, PA 17101

<http://www.w3uu.org>

July 9 - Valley Forge Hamfest

Kimberton Fire Company Fairgrounds Route 113 Kimberton, PA 19442

<http://www.marc-radio.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>

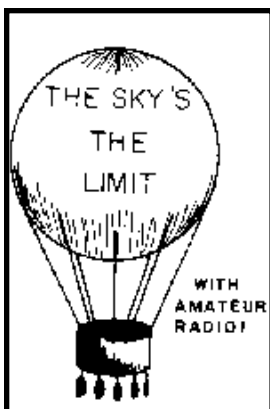
SKYWARN Basic Weather Spotter Educational Programs URL:

<http://www.erh.noaa.gov/phi/skywarn/training.html#sched>

➤ CLUB EQUIPMENT

WARC has 2 Baofeng UV-5R dual band HT's and a Yaesu FT-2900 2M mobile that are available for use by members of the club. The radios 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, Vinny Porcaro K3VJP
215-493-0783



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.

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:

Lower Bucks NY3J-10

145.530 Bensalem

Net Schedules

Sunday	2100	10 Meter Net	28.445 MHz
Wednesday	2000	2 Meter Net	147.09 Rptr.
Wednesday	2000	Linked w/ 2 Meter Net	443.95
Rptr. Wednesday	2000	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.
146.790 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
147.270 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
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

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 FamilyMember: \$ 10.00
Student: \$ 10.00
Alumni: \$ 10.00

- Are your dues current ?

2016 Officers

Executive Officers

President	Tony Cuttone	W3FLH	267-679-9297
Vice-President	Vinny Porcaro	K3VJP	215-493-0783
Secretary	Alan Ash	KA3YCG	
Treasurer	Bill Ballantine	K3FMQ	215-766-0764
Director (A)	Michael Shanblatt	W3MAS	267-491-5773
Director (E)	Larry Abbott	WA3ELQ	215-704-3282
Director (A)	Jim Elmore	WA4YWM	215-538-1889
Director (E)	George Brechmann	N3HBT	215-443-5656
Past President	Irwin Darack	KD3TB	215-343-8170

Committee Chairpersons

Archives			
ARES/RACES Liason	Karl Harris	K3KH	215-264-1855
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 16	Doc Whitticar	W3GAD	215-968-6397
Fundraising			
Hamfest 16	Mike Karabin	WJ3O	215-317-4029
Hamwear	Herb Hickmott	KB3VMN	267-718-3601
Holiday Dinner	George Brechmann	N3HBT	215-443-5656
Membership	George Acker	KC3ESH	215-815-7783
Net Manager	George Brechmann	N3HBT	215-443-5656
Publicity	Bernice Kraut	KB3PCX	215-884-8195
Refreshments	Brandon Penglase	KC3DYT	
RF Interference	Andy Vavra	KD3RF	610-287-3295
RF Interference	Bill Ballantine	K3FMQ	215-766-0764
Repeater Coordinator	Brian Taylor	N3EXA	215-257-6303
Safety Officer	Vinny Porcaro	K3VJP	215-493-0783
Skywarn Liason			
Station Trustee	George Brechmann	N3HBT	215-443-5656
Sunshine Club	Vince Pironti	KD3TC	215-674-0446
Township Liason	Richard Luce	AG3L	215-441-8264
VE License Testing	Larry Abbott	WA3ELQ	215-704-3282
VHF/UHF/MW	George Altemus	KA3WXV	215-855-3856
Website Coordinator	Al Konschak	WI3Z	215-491-9941
Youth Programs	Steve Larson	WW3Y	215-822-1511