



# FEEDBACK



Web Site [k3dn.org](http://k3dn.org)

Warminster Amateur Radio Club

April 2015

## Next Meeting April 2nd, 2015 - Hamfest and ISS CRS Report

### President's Message

March, came in like a lion and hasn't stopped yet. My wife and I spent a week in Florida catching a Phillies game and seeing some friends who have moved down full time. We even considered not getting back on the plane again. Why not, the weather was 80+ degrees every day with sunshine. When we landed in Philly it was 35 degrees and overcast.

**April Meeting - Thursday, April 2nd.** At our next Club Meeting we will discuss plans for our Hamfest in May as this is the last club meeting before our Hamfest. This is the largest WARC activity and a major fund raiser for our club. We hope to see you there.



**Getting on the Air.** I hope everyone has had an opportunity to get on the air this past month. It was a little on the quiet side for major Dx activity. Although, when I turned on the radio today there was a huge pile up on a VU station on 20 meters; and the Dx was loud working both US and Europe. I hope you worked some of the good Dx that showed up for the ARRL Dx SSB contest in early March. The 10 meter band was wide open with excellent contacts worldwide. I reached all new high for my home station with over 1,170 contacts for a preliminary score of 1.2 million points.

#### **Club News.**

**Hamfest.** Mark your calendars now! Our 2015 Hamfest is scheduled for Sunday, May 3rd. Mike, WJ30, our Chairperson, has been working to coordinate activities. Our Hamfest not only helps fund Club Activities, it also provides a service to our Ham community. With Radio Shack closing all stores, where else will you find all those small parts everyone needs?

**Membership List.** Our membership list is now up to date. If your Email address changes, please remember to update it by sending an email to [membership@k3dn.org](mailto:membership@k3dn.org). We will use this updated Email address list for our upcoming Club Elections and other club communications.

**Member Survey.** Our first Club Membership Survey has been completed. We had a response rate of 66% from our members. If you have ever been involved in surveys before, that is an excellent response rate. Full survey results can be found on our club website ([www.K3DN.org](http://www.K3DN.org)) and in this issue of the Feedback.

**Refreshment Chairpersons Needed.** *-Here's an easy way for you to help your club.* Do you enjoy having a cup of hot coffee, doughnuts and other treats during the social portion of our monthly meetings? After many, many years of service as our Refreshments Coordinators, both Randy, N3LJE and Doc, KA3RAU are in need of break and stepping down. Rich Luce has stepped in temporarily to help Doc while we identify a new Chairperson.

The Refreshments Coordinator helps provide and serve refreshments for our monthly meetings which includes:  
Purchase supplies as needed- cups, napkins, spoons, instant coffee, sugar, creamer  
Purchase refreshments for the monthly meeting  
Set-up/clean-up refreshments  
All purchases are reimbursed by the club.

**If we are unable to identify someone to take over this responsibility, we will no longer be offering refreshments at club meetings.**

**Repeater.** The new Yaesu Fusion that was on back-order has been received and Brian N3EXA is in the process of installing on our 440 repeater system to test. The YAESU DR-1 is a digital/conventional FM dual mode repeater that covers the VHF and UHF amateur radio bands. Initially Brian plans on using Analog FM while he tests the Digital version.



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**Club Classes.** Club radio classes have started again in March with Tech Classes being offered.

**Annual Dues.** January through March is our annual club dues collection. The dues help our club support a number of both club and community services. Once again the Dues for membership will remain at \$20 for regular members. Your dues benefit you and help the club support the following:

- Repeater System + Used for Emergency Management
- Field Day
- Hamfest - including Club member only table for selling
- Club Presentations
- Club Auction
- Club Station
- Club Meetings + Refreshments
- License Classes
- WARC Talk
- Feedback

Dues can be paid electronically at <http://www.k3dn.org/paydues.htm> or by check to:

Warminster Amateur Radio Club, Inc.  
P.O. Box 113, Warminster, PA 18974



*The club dues are still less than a good bottle of wine.....*

***The grace period for being a Member of WARC ends on March 31st. If you still want to be considered a member of WARC, you must pay your dues before this date.***

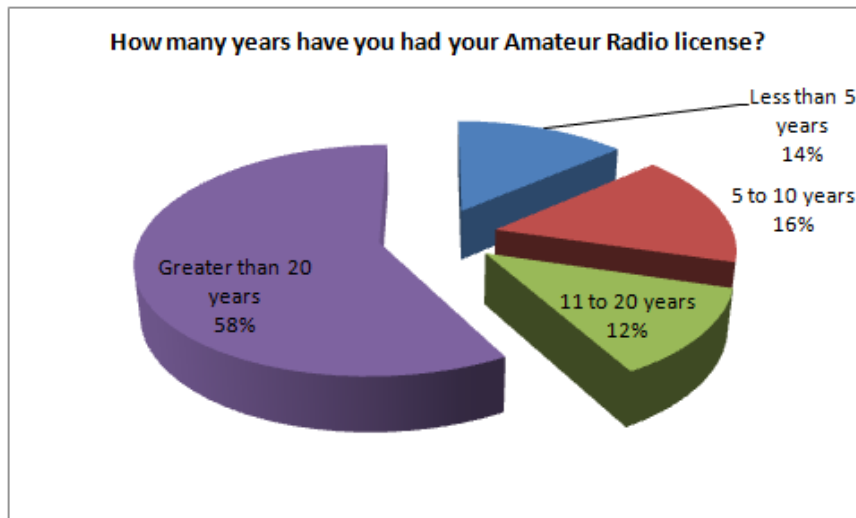
***Have fun and get on the Air!***

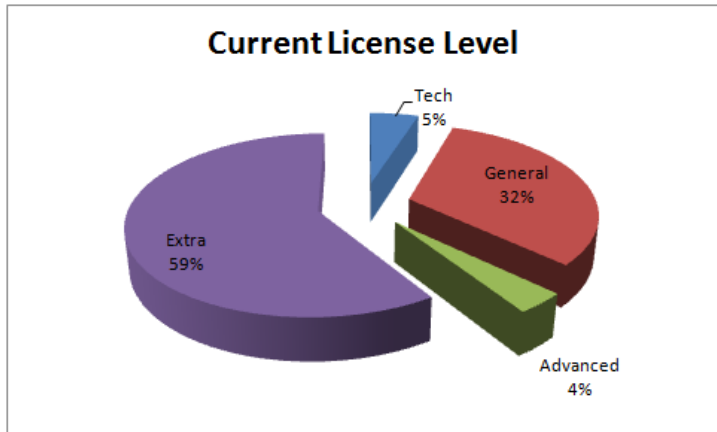
Irwin, KD3TB  
WARC President

**2015 Warminster Amateur Radio Club Survey Results**

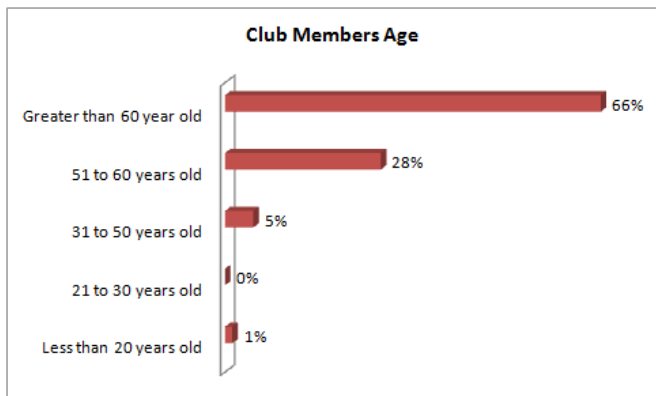
In the first quarter of 2015 Warminster Amateur Radio Club (WARC) conducted a survey of our club's membership to get a better understanding of member needs and where to take the Warminster Amateur Radio Club in the coming year. The survey received response from 68% (81) individuals out of 120 that were sent out. The following are the results from the survey.

**Our Club Members:** The majority of our members have been licensed for greater than 20 Years, and have a high technical knowledge as Amateur Radio operators with 59% holding an Extra License. With a combination of 36% members holding either a General or Advanced class license, there appears to be an opportunity for WARC to conduct an Extra Class license course.





There is an even mixture of those currently employed either Full, Part Time or Self Employed at 44%, while 41% are Retired. The remainder included Students, Volunteers and those in Transition.



Our membership reflects the current status of the hobby with the majority of our members over 50 years old. The majority of our members, 86%, are members of the Amateur Radio Relay League. In addition many of our members also belong to either Bucks or Montgomery RACES and belong to either Packrats, Penn Wireless, Frankford Radio Club and other Radio Clubs.

**Amateur Radio Activities:** Our members have a wide variety of interests in Amateur Radio. This is what makes our Club and hobby so interesting. The majority of our members enjoy HF, FM Repeater activity, UHF/VHF, Side Band (SSB), Dx'ing and Casual Operating (Rag-Chewing). We have a number of members who enjoy HF Digital operating, along with Echo Link, contesting and CW. Other responses included Public service, Straight Key Century Club, QRP and MARS operating.

Amateur Radio Interests	Response
HF	84%
FM Repeater	69%
UHF/VHF	67%
Side Band (SSB)	53%
Dx'ing	42%
Rag-chewing/Casual Operating	42%
HF Digital (PSK31,RTTY, SSTV, or other Digital Modes)	36%
Echo Link	26%
Contesting	24%
CW	24%
D-Star	19%
Fox Hunting	3%
Fusion	1%
Digital FM Voice	0%

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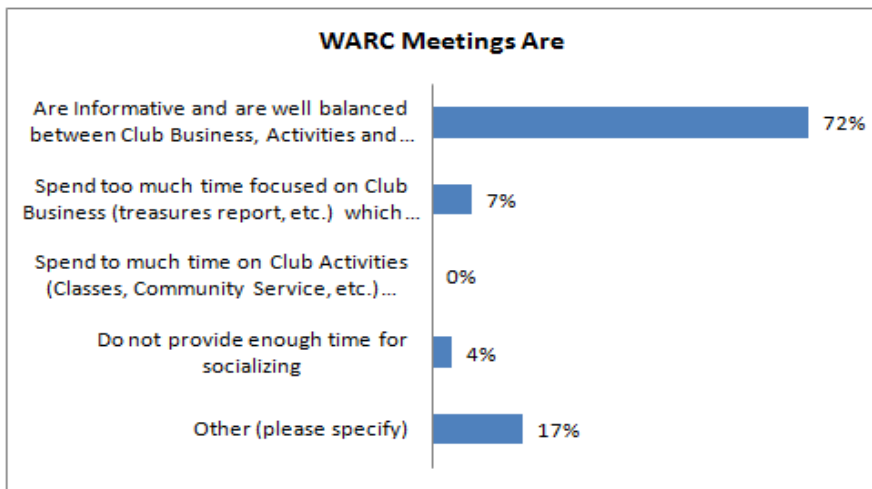
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**WARC Meetings:** Our meetings are well attended with over 61% responding having attended over 50% of meetings in the last 6 months.

The response to the meeting content shows that 72% felt WARC meetings are ' Informative and are well balanced between Club Business, Activities and Presentations', while 7% felt too much time focused on 'Club Business' and 4% felt that 'not enough time was allowed for socializing'.

Some of the other comments included "Content is good but maybe the pace could be picked up", "More technical content would be good" and "Speakers and Programs are very good". An additional number indicated that they are unable to attend meetings.

Antenna Designs, Digital Operating, followed by Use of Troubleshooting Equipment , Homebrew and New Radio Equipment gained the highest interest in future presentations. Some of the additional suggestions included MESH Networks, presentations by Bucks and Montgomery Emergency Management, Rejuvenating older and antique equipment, working Satellites and Soldering.



I am interested in the following presentations at WARC Meetings (Check all that apply):	
Antenna Designs	66%
Digital Operating (PSK31, RTTY, SSTV, etc.)	57%
Use of Troubleshooting Equipment (Multi-meters, Antenna ,	49%
Homebrew / Kit Building	47%
New Radio Equipment (Radio's, Amplifiers, Tuners, etc.)	46%
Electronic theory and Practice	38%
Ham Radio Software (Logging, Contesting, etc.)	38%
Lightning Protection/Station Grounding	34%
D-Star, Fusion and other FM Repeater Digital Modes	30%
Emergency Management	30%
Question and Answer session for common in-shack practic	29%
ARRL Activities	25%
Contesting	21%

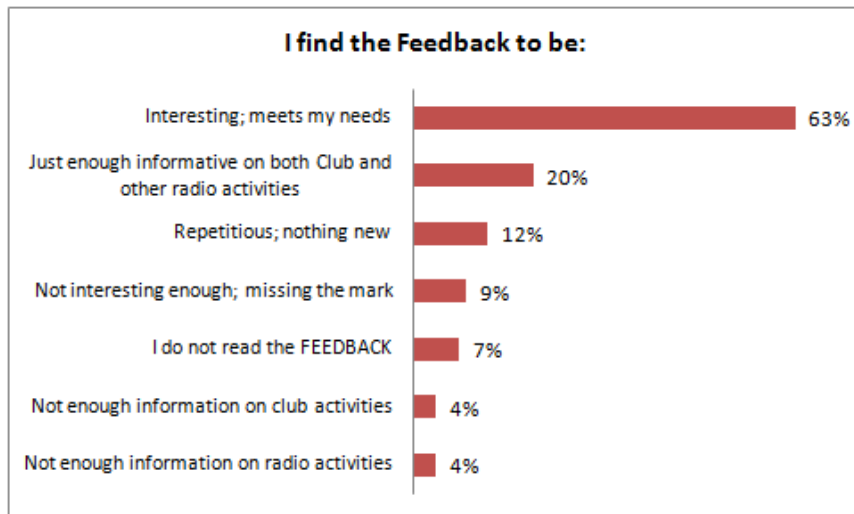
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**Club Newsletter - Feedback:** The Feedback published each month is a major source of Club information and News. 83% of responding members find the Feedback to be both 'Interesting and just enough information on both Club and other Radio Activities'. Some of the other comments included "Keeps me in touch with what's happening in the club", "Needs more Club members participation", "Some articles are just too long and involved", "Maybe give links to new Radio equipment" and "The person doing this (Feedback) does a great job".

There were a number of suggestions regarding future articles which included:

- New things coming up in ham radio
- Antennas, Design and Building
- Other peoples stations, I liked when the club presented ham's shacks and More participation from other Club Members on their stations, activity and expertise
- User recommendations on software
- RF Exposure
- Tech tips and articles; "How I did it, how I solved it"
- Club activities
- RF Finding
- Homebrew
- New and old mix - CW to Digital
- Articles that feature as many club members as possible - especially articles that help us get to know our fellow members better (focusing not only on a members ham activities, but also on biographical information and their other interests).
- Dxpedition related; photos of club members shacks; lightening and grounding practices; how to upgrade your radios software
- Setting up a ham shack - for new hams
- Operating details for: FLdigi, Echolink, VoiP, New Radios viz: Fusion
- PSK-31, CW Topics



Many of these suggestions will require participation from our Club Members. For those who indicated their interest in writing an article for the Feedback, we will be in touch.

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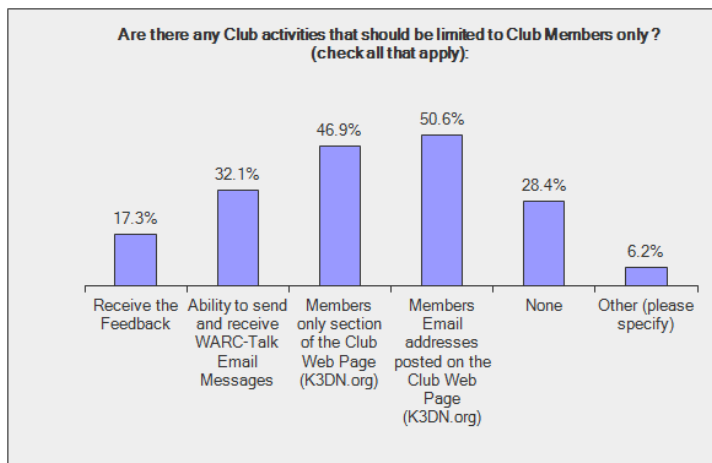
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**Club Activities:** There was a lot of interest in future Club activities. Both Field Day and Helping at the Hamfest received the most comments, followed by Public Service and Special Event Stations. Past Trips to ARRL, Battleship New Jersey and SEPTA Communications Center were also indicated as possible future activities.

<b>Which Club activities do you have an interest in (check all that apply)?</b>	
Field Day	66%
Helping at the Hamfest	59%
Public/Community Service Activities	41%
Special Event Station	40%
Trip to Battleship New Jersey	29%
Trip to SEPTA Communication Center	29%
Trip to ARRL	27%
Operating at the Club Station	27%
Trip to FCC in Gettysburg,PA	26%
Trip to Dayton	24%

**Club Membership:** We asked the question if any Club Activities should be limited only to Club members. The top responses included having a section of the Club Website (www.K3DN.org) limited to members only, restricting access to member Email addresses only to Club members and limiting WARC-Talk to members.

Other comments included "Winning Door Prizes" and that members should not be charged a Bidders Fee at the Club Auction. While some clubs in our area do charge a Bidders Fee to everyone, WARC has not at this time. The Board has discussed charging a Bidders Fee to non-members in the future.



We had a great response to the question if responders were interested in serving the Club in a variety of Board and Committee positions. A number of individuals responded interest in serving on Committees. Elmer/Helping New Amateur Radio licenses received the highest number of responses, followed by Repeater Activities/Maintenance and Helping at Club Classes . We will be contacting everyone who responded to a specific Club activity soon.

Our Club members face a number of Challenges when it comes to Ham Radio. Having enough time to operate had the most responses, especially with work and travel. When it came to Amateur Radio, Antenna Building and Design, especially when living in either an apartment, HOA restricted community or just not enough space was the second most challenge indicated. Additional challenges included: Digital Modes, CW Proficiency, Setting up a Station, License Upgrading and using Radio Software.

**What's Next:** This survey gives us an excellent pulse on our membership. Warminster is a General Services club meeting the Amateur Radio needs of our membership and the Community. We are only as strong as our membership and the amount of time our members are able to volunteer. We thank everyone who took the time to complete the survey and help the club move forward. The survey helps us to determine what we are doing right and what where we need to improve. Some changes will require both time and your participation to come to fruition.

Thank you,  
Warminster Radio Club Board of Directors

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### **WARC General Meeting – Minutes of 3/12/15**

Meeting called to order by (President) Irwin KD3TB at 7:38pm

**Introductions:**

Microphone passed around: 43 licensed attendees + 7 guests

Irwin KD3TB started the meeting by asking our guests to introduce themselves and give a quick reason for attending.

Minutes of previous meeting were accepted as published in Feedback.

Bob KB3QAJ announced that he had brought free copies of QST for anyone interested.

The Hamfest postcards/labels will be put together at the conclusion of tonight's business meeting.

Bill K3FMQ updated the club on his progress reviewing the current insurance policy, as it covers club members, Board members and attendees at various Club activities and events. This is an exercise in due diligence that had not been thoroughly performed in several years, and will take some time to complete. He has consulted with our WM Bob K3RF, who is a licensed attorney, to be sure that the necessary coverages are implemented.

Andy KD3RF reports great success with the ARISS/CRSD space station contact! The local media coverage was very favorable, with multiple outlets posted stories (newspaper, TV and online). The teachers from CRSD have been recommended to attend the ARRL Teachers Institute, and have asked for guidance establishing a club station at the high school. Two teachers were among our guests tonight. Irwin KD3TB made a special presentation to Andy KD3RF & Joe AA3JH for the leadership on this project: a personalized jar of Tang!

Irwin KD3TB reports that the membership survey returned an astounding 63% response (a phenomenal rate, as these things go). The results will be published in Feedback, and on WARC-Talk, as well as being made available on the website in the future.

Warminster Twp. Supervisors issued a proclamation to the club for 50 years of service the township and surrounding communities. The plaque will be displayed in our club station.

Rich AG3L has volunteered to be on the refreshment committee, however we are still in need of one more member to step up for this very important position.

**Treasurers Report:**

Bill K3FMQ – As reported

**Programs:**

March will be a presentation on antenna analyzers, with Andy KD3RF & Joe AA3JH, with an emphasis on the MFJ analyzer owned by the club.

April is the Hamfest update from Mike WJ3O, Board/Director nominations, and potentially a CW demonstration by Bob KW3F.

May will be Elections, a recap of the ARISS/CRSD contact by Andy KD3RF & Joe AA3JH, as well as a debriefing of the Hamfest.

**Membership:**

95 members are currently in good standing, with 35 in the grace period.

**Public Service:**

George N3HBT has (3) events on the horizon:

March of Dimes Walk for Babies (4/26); multiple ops required.

Warminster Twp. Memorial Day Parade (5/27); several ops needed.

Warminster Chamber of Commerce Hole-in-One Golf Tourney {Five Ponds GC} (6/4); approx. 6 ops needed.

Michael KB1JEY is looking for ops for the Valley Forge Revolutionary Run on (4/19); contact him directly for more info.

**Classes:**

New classes (Technician) began on March 9.

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## VE Session:

George N3HBT informed us that 5 people showed for the latest session, with 4 passing their tests. Congrats to all!  
The FCC announced that they will no longer be issuing paper licenses as a matter of regular business. Copies may still be obtained upon request, and printable copies will be made available immediately.

## Club Station:

George N3HBT reports the club station dipole antenna has yet to be reinstalled, citing the terrible weather conditions of recent months.

## Good &amp; Welfare:

Vince KD3TC reports that several cards were sent the previous month.

## Repeater:

Brian N3EXA purchased a few new 12AU7 tubes for the initial amplifier stage of the repeater. These are becoming a bit pricey, as they are also commonly used in guitar amps!  
He is also purchasing an ADR Interface for use with our new FT1-DR repeater, which has finally arrived!  
The TX on our machine had an intermittent issue, which has been corrected. And Echolink has been re-established on the system.

## Old Business:

No Old Business

## New Business:

No New Business

Meeting adjourned (8:11pm).

Submitted by Tony, W3FLH, Secretary (3/26/15)

### THE K7RA SOLAR UPDATE

Sunspot numbers and solar flux both rose this week. Average daily sunspot numbers on March 19-25 were up 24.8 points to 83.9, compared to the previous 7-day period. Average daily solar flux rose from 117.5 to 122.4.

The average planetary A index dropped from 29.4 to 19.4, although conditions continued to be active. March 22-23 had planetary A index numbers at 24 and 21, but there was nothing like the index of 117, recorded on March 17.

We saw one new sunspot region on March 19, two on March 21, three on March 22 and again on March 23, and yet another new one on March 24.

Predicted solar flux is 150 on March 26-28, 145 on March 29-30, then 150, 155, and 145 on March 31 through April 2, 130 on April 3-5, 125 on April 6-8, 120 on April 9-10, 115 on April 11-19, 120 on April 20, 115 on April 21, 120 on April 22-23, and 125 on April 24-27.

Predicted planetary A index is 8 on March 26-27, 25 on March 28-29, 10 on March 30-31, 5 on April 1, then 10, 15, and 12 on April 2-4, 5 on April 5-6, 8 on April 7-8, 5 on April 9-11, 15, and 30 on April 12-13, 20 on April 14-16, 15 on April 17, 20 on April 18-19, then 12, 5 and 15 on April 20-22, and 25 on April 23-24.

This weekly "Solar Update" in The ARRL Letter is a preview of the "Propagation Bulletin" issued each Friday. The latest bulletin and an archive <<http://arrl.org/w1aw-bulletins-archive-propagation>> of past propagation bulletins is on the ARRL website.

In Friday's bulletin, look for an updated forecast and news from readers, including a report from one unlucky ham who had planned to operate on 17 meters while vacationing in Florida for a couple of days. Unfortunately, his stay coincided with the peak effect of the recent large disturbance, and he heard no signals for the 2 days he was there.

Send <k7ra@arrl.net> me your reports and observations. -- Tad Cook, K7RA

*Courtesy ARRL Newsletter*

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**CLUB INFO****PUBLIC SERVICE**

Michael KBIJEY is looking for ops for the Valley Forge Revolutionary Run on (4/19); contact him directly for more info.

George N3HBT informed of the following:

March of Dimes Walk for Babies (4/26); multiple ops required.

Warminster Memorial Day Parade, scheduled for Monday (5/25), with a rain date of Saturday (5/30). Multiple operators will be needed; more info to follow.

Warminster Chamber of Commerce will hold their annual Hole-in-One challenge at Five Ponds Golf Course on Thursday (6/4). About 6 operators should be needed for this event.

**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. 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 when a facial photo is provided by you. Please see members' photos on club website for proper facial composition. 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](mailto:membership@k3dn.org).

If you want to have your picture taken to be placed on the 'Members' Photos' section of the [www.k3dn.org](http://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 2015**

April – Hamfest Mike WJ3O /ISS Andy KD3RF, Bill K3FMQ, Irwin KD3TB

May - Elections / Hamfest Recap Mike WJ3O/Pizza night

June - Field Day / Logging Software

July – Microphones – Andy KD3RF

August – Emergency Preparedness Part 2 Vinny K3VJP

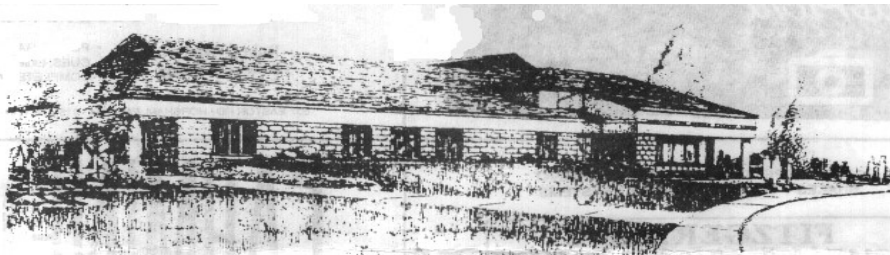
September- HomeBrew Night

December – 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.**



### 2015 Contest Calendar

#### APRIL

19 **Rookie Roundup - Phone**  
1800 UTC through 2359 UTC

#### JUNE

13-15 **VHF**  
1800 UTC Saturday, runs through 0259 UTC Monday

21 **Kids Day**  
1800 UTC through 2359 UTC Sunday

27-28 **Field Day**  
1800 UTC Saturday and running through 2059 UTC Sunday

#### QSO Parties

**Missouri** 1400Z, Apr 4 to 0400Z, Apr 5 and 1400Z-2000Z, Apr 5  
**Mississippi** 1400Z, Apr 4 to 0200Z, Apr 5  
**Montana** 1800Z, Apr 4 to 0559Z, Apr 5  
**New Mexico** 1400Z, Apr 11 to 0200Z, Apr 12  
**Georgia** 1800Z, Apr 11 to 0359Z, Apr 12 and 1400Z-2359Z, Apr 12  
**Nebraska** 1200Z, Apr 18 to 0200Z, Apr 19 and 1700Z-2300Z, Apr 19  
**Michigan** 1600Z, Apr 18 to 0400Z, Apr 19  
**North Dakota** 1800Z, Apr 18 to 1800Z, Apr 19  
**Florida** 1600Z, Apr 25 to 0159Z, Apr 26 and 1200Z-2159Z, Apr 26

### ➤ ATLANTIC DIV. HAMFESTS - 2015

#### April 11 - York Hamfest

Elicker's Grove Park 511 Roth Church Road  
Spring Grove, PA 17362

<http://www.yorkhamfest.org>

#### April 26 - Hamfest By the Shore

Riverwood Park Riverwood Drive  
Toms River, NJ 08753

<http://jsars.org>

#### May 3 - WARC Hamfest

Middletown Grange Fairgrounds 576 Penns Park Road  
Newtown, PA 18940

<http://www.k3dn.org/hamfest.htm>

#### June 21 - BARC Father's Day Hamfest

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

<http://www.gbhc.org>

#### July 4 - Eastern Pennsylvania Section Convention (Firecracker Hamfest)

Shumaker Public Safety Center - HACC 1 HACC Drive  
Harrisburg, PA 17101

<http://www.w3uu.org>

#### July 11 - VALLEY FORGE HAMFEST

Kimberton Fire Company Fairgrounds Route 113 and Firehouse Lane  
Kimberton, PA 19442

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

### 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 2015 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 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

**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, Vinny Porcaro K3VJP  
 215-493-0783

**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

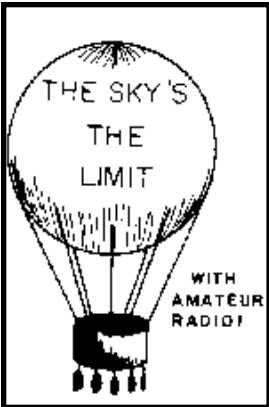
**6 Mtr**

- 53.030 WA3BXW
- 53.230 N3DQZ
- 53.320 K3MFI

*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](http://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**

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

## 2015 Officers

### Executive Officers

President	Irwin Darack	KD3TB	215-343-8170
Vice-President	Vinny Porcaro	K3VJP	215-493-0783
Secretary	Tony Cuttone	W3FLH	267-679-9297
Treasurer	Bill Ballantine	K3FMQ	215-766-0764
Director (A)			
Director (E)	Joe Horanzy	AA3JH	215 962-9592
Director (A)	Jim Elmore	WA4YWM	215-538-1889
Director (E)	Andy Vavra	KD3RF	610 287-3295
Past President	Richard Luce	AG3L	215-441-8264

### 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 15	Mark Kempisty	AA3K	215-953-1493
Fundraising	Adam Huffnagle	KB3JCP	215-442-9526
Hamfest 15	Mike Karabin	WJ3O	215-317-4029
Hamwear	Herb Hickmott	KB3VMN	267-718-3601
Holiday Dinner	George Brechmann	N3HBT	215-443-5656
Membership	Vinny Porcaro	K3VJP	215-493-0783
Membership	Fred Pezok	K3MFP	
Membership	Andy Vavra	KD3RF	610 287-3295
Membership	Bill Ballantine	K3FMQ	215-766-0764
Net Manager	George Brechmann	N3HBT	215-443-5656
PA QSO Party	Mark Kempisty	AA3K	215-953-1493
Publicity	Bernice Kraut	KB3PCX	215-884-8195
Refreshments	Doc Morein	KA3RAU	215-542-0593
Refreshments			
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