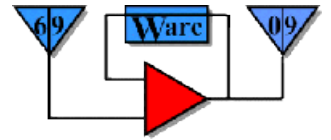




FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

July 2013

Next Meeting July 11, 2013 – D-Star

President's Message

Presidents Message from Irwin, KD3TB

Another Field Day has come to an end and we had a great turnout this year with 4 active stations running continuously on generators. Even mother nature cooperated with perfect sunny and hot weather....no rain! We were even visited by a fly-over from the International Space Station. Hopefully everyone got an opportunity to get on the air and try out a number of different radios and antenna's. Preliminary numbers have us making 306 CW, 4 PSK31 and 1,351 SSB contacts. A special thanks to Mark and his YL Mary-Ann (and daughter) who cooked up some great meals for everyone. This year's highlight was Home Made Chili. I am sure it helped keep the bugs out of the operating tents during those late night QSO's. The Shrine even provided us with visitors who inquired about our activities. We were visited by the Bucks County EOC, Scott Forster and Michael Sabal, KB3GJT Bucks County ARES Emergency Coordinator. Our thanks to everyone who participated and helped out with all of the pre, set-up and tear-down activities. We would also like to thank Shapiro Fire Protection who provided us with Fire Extinguishers free of charge.

July 13th to 14th, 2013 you will find the IARU World Championship contest, <http://www.arrl.org/iaru-hf-championship>. In preparation for the IARU World Radiosport Team Championship, which will be hosted in the US in 2014, Mark AA3K, Dave, K3FT, both WARC and FRC members will be participating from Framingham, Massachusetts. Their call sign has not yet been assigned. They will be testing antenna's at the site along with a number of other volunteers. WRTC is an invitation-only event in which the world's elite testers compete against one another using amateur radio stations that are in one geographic area of the world and are equipped with similar antennas and operating restrictions. The last WRTC was held in Moscow in 2010.

On July 21st, George - N3HBT will be coordinating a Public Service event with the Alex Lemonade Bike Ride fund raiser. The race starts and ends in Doylestown. He will need 10 operators to cover stations in Central and Upper Bucks county. Please contact George at N3HBT@K3DN.org.

Note the July Meeting Date has been changed: Because the 4th of July falls on the 1st Thursday of the month, our July meeting has been moved to Thursday, July 11th. We will meet at the same place and same time on this new date. The July meeting will feature a presentation on D-Star.

Band conditions have been sporadic this month. Atmospheric noise seems to be up giving us noisy bands. I have heard and worked a number of Dx stations, so look for the spots and listen to the bands. You will be surprised what is out there. PSK31 has always been a great band to have a good conversation with your fellow hams. I usually like to rag chew on PSK31, but I am now finding that many of the Dx stations just want to make quick contacts and move on to the next QSO.

See you at the July meeting.

Irwin KD3TB

MINUTES

The meeting was called to order at 7:30PM by the President Irwin, KD3TB.

Introductions

The microphone was passed around. Forty eight members present. Other members joined while the meeting was in progress.

Steve, KC3ANQ upgraded to General.

(Continued on page 2)

Minutes of previous meeting

The minutes of the May meeting were not available.

Committee Reports

Treasurer report - Frank, W3ESL

As reported.

Programs - Rich, AG3L

Tonight Pizza night, Elections, Hamfest "Lessons learned" discussion and Field day preparation.

July Antennas, part 2

August VHF/UHF digital modes.

Membership - Bill, K3ZMA

There 144 members on the roster and 39 members past due.

Yearly dues must be paid by the end of March 2013 by check or PayPal.

Any questions on membership should be directed to membership@k3dn.org

Public Service - George, N3HBT

June 10 - Warminster Township 5 Ponds golf outing. Need 8-10 operators.

July 21 - Alex lemonade stand run in Doylestown. Not finalized yet. Need 4-6 operators.

VE session - Larry, WA3ELQ

Regular session: one upgrade to General.

Hamfest session: 10 candidates took the test of which 7 passed.

VE sessions are held at the Ben Wilson center on the last Monday of the month at 6:30

PM except for the month of August.

Meeting adjourned at 8:00 PM

ELECTIONS - Larry, WA3ELQ

Ballot:

Irwin, KD3TB - President

Rich, AG3L - Vice President

Bill, K3FMQ - Treasurer

Vacant - Secretary

Mark, AA3K - Director

George, N3HBT - Director

ELECTION RESULTS

All candidates elected unanimously. No write-ins.

Write-ins for Secretary:

Michelle, KB3MTW - 9

Hugh, KE3DI - 5

Andy, KD3RF - 3

Mark, WA3QVU - 1

It has been a pleasure and an honor to serve as Secretary of this club for the past year and a half. Look forward to participating to future club activities, enjoying the hobby and continue to foster friendships.

Submitted:

Bernie / AB3YZ, Club Secretary

June 25, 2013



20M Team Building a Mosley Beam



Ed, WI3Y and crew on 15M CW



10, 80 and 20M Station



15M Station



40M Station



Brian, N3EXA Working 40M Phone



Solar Station with a KX3



Relaxing During the Contest



Logging a 40M QSO



Launching the 2M and 6M Beams



Ron, NY3J at the 40M Digital Operation



WJ3O Toughing It Out on 40M

WARC Members Participate in PEMA Exercise

PEMA held a Bucks County Coordinator Certification Functional Exercise on June 6 at the Bucks County EOC. WARC members Karl Harris, K3KH and Jim Elmore, WA4YWM participated with Mike Sabal, KB3GJT- the Bucks County ARES EC.

The exercise scenario was a severe weather event involving heavy flooding that is complicated by several competing and related emergency events including hazardous materials, power outages, loss of telephone communications and aircraft search and rescue. Participants from various county and state agencies were involved including the PA Air National Guard, the Fire Marshals Office, Red Cross, Hazmat and Law Enforcement Agencies.

PEMA had specifically requested that 3 amateur radio operators be present for the exercise and we were officially written into the exercise. We were there to actively participate and not there just to be available for backup.

During the scenario Karl was dispatched to a location away from the EOC (actually in his car in the parking lot). He had a script to follow in which messages were to be transmitted to the EOC at specific times. These messages would then be given to the appropriate personnel to handle. The messages involved an Emergency Locator Beacon from an aircraft, an accident involving hazardous materials and a loss of Verizon communications among others. The exercise was to be as realistic a simulation as was possible.

It was a very interesting exercise to have been a part of and helped to show those at the county and state level how amateur radio operators can perform in emergency situations.

Ham Radio in Space: HamTV Project to Open "A New Era" for ARISS

The Amateur Radio on the International Space Station (ARISS <<http://ariss.rac.ca/>>) program hopes an Amateur Radio digital TV system will be up and running aboard the International Space Station by later this year. A project initiated by AMSAT-Italy <<http://www.amsat.it/>>, HamTV would provide one-way video and audio from the ISS to complement the FM radio voice link used for ARISS school group radio contacts. According to an overview paper <<http://www.ariss-eu.org/Ham%20TV.pdf>> drafted by ARISS-Europe Chairman Gaston Bertels, ON4WF, a DATV downlink on S-Band (2.4 GHz) is under development to place aboard the ISS Columbus module in August. Columbus already sports the necessary antenna. As a debate between the merits of analog versus digital TV aboard the ISS continued, Bertels says, the digital system got a big boost from Italian astronaut Paolo Nespoli, IZ0JPA, who had conducted ARISS school contacts in 2010 and 2011, when he was aboard the ISS.

"At the initiative of AMSAT Italy, an Italian manufacturer, Kayser Italia <<http://www.kayser.it/index.php/exploration-2/ham-tv>>, presented a project for an Amateur Radio DATV transmitter to ESA <<http://www.esa.int/>>'s [European Space Agency] educational services," Bertels explains in his paper. ESA accepted the proposal in 2012 and contracted with Kayser Italia to develop and manufacture a 10 W EIRP "Ham Video" DATV transmitter for S-Band.

Receiving the DATV signal will be far more demanding than receiving VHF or UHF, Bertels notes in his overview paper. He said a study conducted by Piero Tognolatti, I0KPT, shows "that DATV decoding should be possible for a ground station equipped with a 1.2 meter dish, when the ISS is within a range of about 800 to 1000 km," limiting the DATV reception window to about 3 or 4 minutes during a favorable pass. According to Bertels, Kayser Italia is to provide five ground stations for siting in Europe. "It is hoped that amateurs will support other ground station 'chains' in other countries, as multiple stations are needed to provide up to 15 minutes of video in support of school contacts," Bertels explains in his paper. He says ARISS anticipates that similar chains of ground stations will be set up on other continents, to expand the system's flexibility.

"A new era opens for Amateur Radio on the International Space Station," Bertels concludes. -- Thanks to AMSAT News Service; Kayser Italia

CLUB INFO

PUBLIC SERVICE

July 21 - Alex lemonade stand run in Doylestown.
November 17 - Bucks County marathon.
Thanksgiving Turkey Run

CLUB STATION

The WARC club station is open to anyone with an interest, on Tuesday evenings between the hours of 7:00 and 9:00 pm. For further information, call George Brechmann N3HBT at 215-443-5656.

WARC ALUMNI MEMBERSHIP

Attention all WARC members. At the March 4, 1999 General Meeting, revisions to our club's constitution were approved that, among other things, established a new Alumni membership category for WARC members who are unable to attend meetings and Club activities on a regular basis due to health considerations, travel impediments or other hardships. Dues for the Alumni membership were established at \$10.00 annually. Please contact the Membership Committee for more information on becoming this class of member.

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.

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.

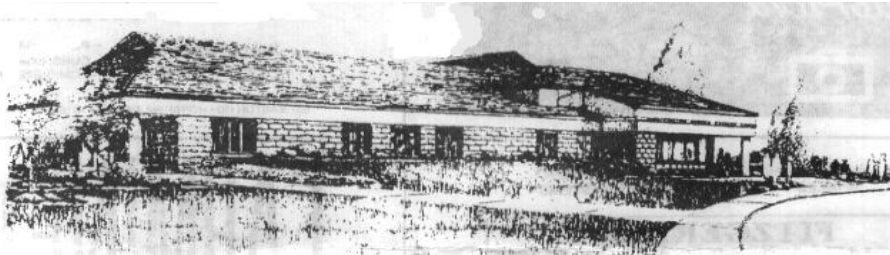
PROGRAMS 2013

July Meeting (July 11) -- D-STAR Presentation
August Meeting -- Antennas for those living in association restricted locations

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.**



2013 Contest Calendar

July

13-14 IARU HF World Championship

August

3-4 August UHF Contest
 17-18 10 GHz & Up Contest – [Round 1](#)
 18 Rookie Roundup – [RTTY](#)

September

14-16 September VHF Contest
 21-22 10 GHz & Up Contest – [Round 2](#)
 28-29 EME Contest – [2.3 GHz & Up](#)

October

21-25 School Club Roundup
 26-27 EME 50-1296 MHz-Round 1

QSO Parties

New Jersey 1600Z, Jul 27 to 0400Z, Jul 28 and
 1300Z-2000Z, Jul 28

➤ ATLANTIC DIV. HAMFESTS - 2013

July 20 - KC2YRV Memorial Jersey Shore Hamfest

Holy Spirit High School
 500 North New Road (Route 9)
 Absecon, NJ 08201
<http://jerseyshorehamfest.com>

July 21 - MARYLAND HAMFEST AND COMPUTER FEST

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

August 10 - Reading Radio Club Mini-Hamfest

Heritage Park of the Sinking Spring Area Historical Society
 992 Clematis Street
 Sinking Spring, PA
<http://readingradioclub.org>

August 18 - Carroll County Agriculture Center

706 Agriculture Center Drive
 Westminster, MD 21157
<http://www.qis.net/~k3pzn>

September 27 - Mt. Airy VHF Radio Club (Pack Rats)

InnPlace Hotel Bensalem
 3327 Street Road
 Bensalem, PA 19020
<http://www.packratvhf.com>

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 2013 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

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

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 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
- 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
 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.

2013 Officers

Executive Officers

President	Irwin Darack	KD3TB	215-343-8170
Vice-President	Richard Luce	AG3L	215-441-8264
Secretary	Alan Ash	KA3YCG	
Treasurer	Bill Ballantine	K3FMQ	
Director (A)	George Brechmann	N3HBT	215-443-5656
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	215-704-3282

Committee Chairpersons

Archives			
ARES/RACES Liason	Karl Harris	K3KH	215-264-1855
Arri 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 13	Mark Kempisty	AA3K	215-953-1493
Fundraising	Adam Huffnagle	KB3JCP	215-442-9526
Hamfest 13	Richard Luce	AG3L	215-441-8264
Hamwear	Alan Berkheiser	KB3VYX	
Holiday Dinner	George Brechmann	N3HBT	215-443-5656
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	AA3K	215-953-1493
Refreshments	Doc Morein	KA3RAU	215-542-0593
Refreshments	Randy Gehman	N3LJE	215-822-9473
RF Interference	Andy Vavra	KD3RF	610-287-3295
RF Interference	Bill Ballantine	K3FMQ	215-766-0764
Repeater Coordinator	Brian Taylor	N3EXA	215-257-6303
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	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