



FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

November 2010

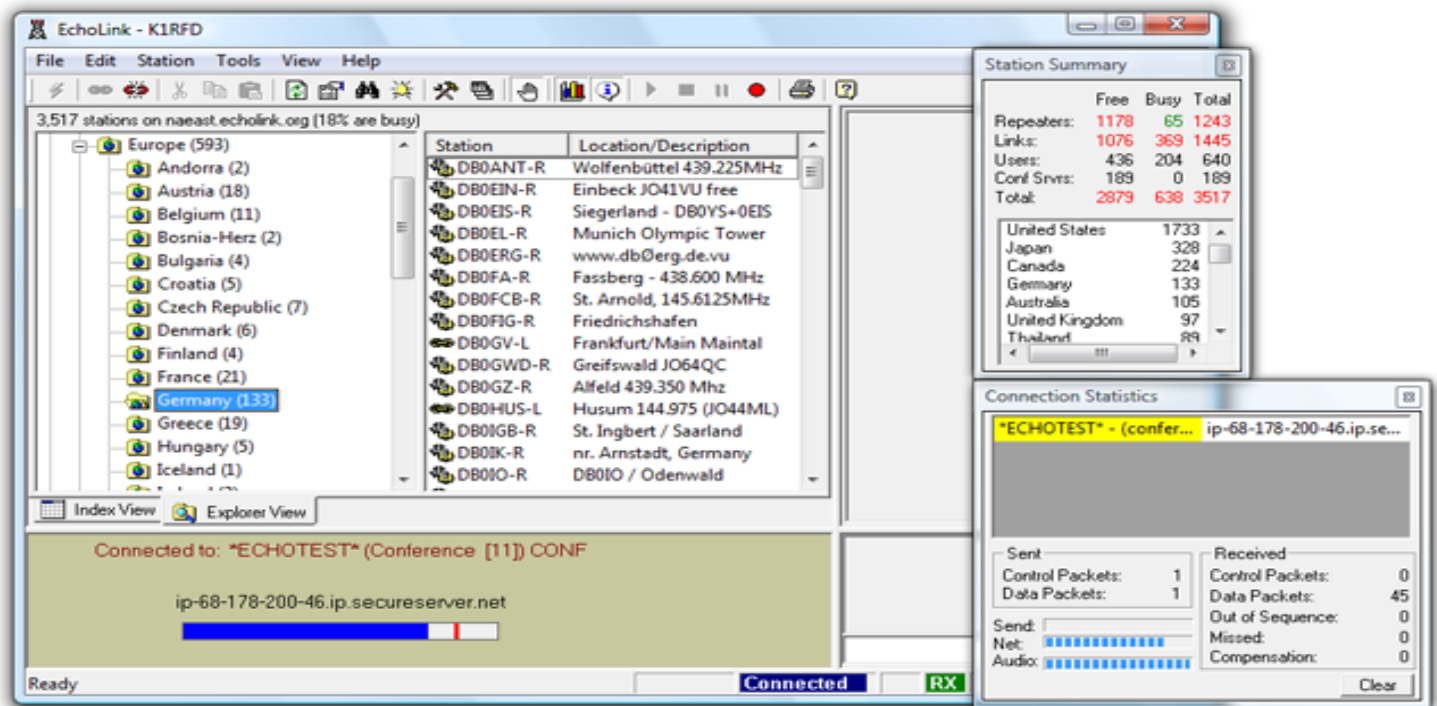
Next Meeting November 4th - HRO

President's Message

Echolink and How to Get Started

Echolink has now been around since 2002, and its uses are ever expanding. On our Warminster repeaters you now hear a pleasant voice saying "K3DN, Echolink enabled repeater". What is that all about?

About 18 months ago the club purchased the Echolink hardware interface for our repeater system. Brian / N3EXA and Al / W13Z have put together a remarkable system that operates very well with its own notebook computer, and transceiver. The audio is so clear that you need to listen carefully to ascertain if the signal is actual RF or VOIP. It is simply amazing how far we've come in a short time. The whole purpose of course is to extend the capability of our repeater system.



I was able to use the K3DN repeater in August while on Kauai and O'ahu in Hawaii. It worked like a charm. My Dell laptop has the microphone and speaker built in, and it was easier to just speak into laptop without the headset and boom mike. Joe / WA3SRU used the K3DN repeater from Nevada, Ragu / KB3SDD uses Echolink to contact friends in India, Al / W13Z regularly uses the system from the shore. Brian / N3EXA uses Echolink with an Aircard from his mobile when he is beyond RF range. So the system is working well.

We've had visitors from Japan, England, and a number of states use the K3DN repeater. If you hear a visitor come on, feel free to engage them - that's why they checked in.

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Besides computers and laptops, now many of us have smart phones, IPODS, DROIDS, and IPADS. There are free Echolink application programs for all of these devices at the Echolink website. If you are ready to try the Echolink system, you first need to be validated that you are a licensed amateur radio operator.

As I have gone through the process twice already, I thought I would share what I found to be the easiest and quickest method. It takes less than 10 minutes, and there is no cost. If you have your amateur radio license available, you need to look for your file number (not FRN). If you don't have a copy of your license handy, fret not there's an easy solution.

Download Echolink Program - The first step is to download, install, and run the EchoLink software (located at: <http://www.echolink.org> on your computer. This registers your callsign and your email address with the Echolink system. However, you will not be able to connect with anyone on the EchoLink network until you have been authenticated. There is no cost for downloading or using Echolink.

Validate your Callsign - The next step is to visit the validation page to request access for your callsign. This is located at <http://www.echolink.org/validation/> Please understand that the purpose of authentication is not to exclude any licensed Amateur from using EchoLink, but to ensure its continued enjoyment by you and other users who appreciate its commitment to security. Part of this is to ensure that the callsign you're using is valid. But the other, and most important part, is to verify that you are indeed the licensee.

Once you have run the Echolink software, your callsign (unvalidated) is in the Echolink system. You will be directed to call a telephone number given to you by the Echolink program. When you call the automatic answering device it will ask you for your 10-digit file number listed on your FCC license (not your FRN). Enter the entire number, including the leading zeros. Once it verifies the File Number is correct, the system will give you an access code, and disconnect.

The system will call you back at your listed telephone number in a few minutes, and the system will ask you to re-enter the access code given to you previously. You must have your phone listed in the telephone directory for this process to work – and the address for the phone must match the address on your license. After you re-enter the code, this completes the process, and you are good to use the Echolink system. The whole process takes less than 10 minutes.

Obtaining Your File Number – If you don't have immediate access to your license or file number, you can print off a reference copy of your license by going to: <http://wireless.fcc.gov/uls/index.htm?job=home> and do a search for your license. Look for the tab above the listing of your license which says "Reference Copy". Printing out that file will give you a duplicate of your original license and the file number is listed.

'73s

Richard J Luce / AG3L
Warminster ARC President
Echolink node: 390784

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FOR SALE

Welz CT150 coaxial termination	\$30	Bushnell field glasses	\$25
Kenwood RD-20 dummy	\$15	Drake surge shunt model 1549	\$5
Dixon redimark felt tip marker	\$.50	female to female BNC connector	\$.50
Micronta SWR/power meter	\$15	Spool of solder (silver)	\$3
male UHF to female BNC connector	\$.50	Radio Shack six outlet power strip	\$5
Small bench vise	\$5	2005 & 2006 arrl periodical CD's	
Astron RS-35A power supply	\$80		

Contact Don Rector W3UBF Phone: 215-393-4642
Email: byronrector@verizon.net

PROGRAMS

November 5, 2010 - Ham Radio Outlet RICK LAMB (K3TL). "What's new with Ham Radios"

December 2, 2010 - Annual Warminster ARC Holiday Dinner.

January 6, 2011 - NAWC Museum Presentation

February 3, 2011 - Annual Club Auction

March 3, 2011 - Repeater Update and Echo Link

April 7, 2011 - ARRL Night and Log Book of the World (LOTW)

May 5, 2011 - Digital Modes - PSK31, RTTY, etc.

June 2, 2011 - Pizza Night with WARC Elections and Home Brew

CLUB INFO

PUBLIC SERVICE

November 25 (Thanksgiving) - Doc (W3GAD) announced there will be a 5 K run in Newtown.

CLUB STATION

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

WARC ALUMNI MEMBERSHIP

Attention all former WARC members. At the March 4, 1999 General Meeting, revisions to our club's constitution were approved that among other things, establishes a new Alumni membership category for former WARC members who are unable to attend meeting and Club activities on a regular basis due to health considerations or travel impediments. Dues for the Alumni membership were established at \$10.00 annually to cover the costs of printing and mailing our monthly FEEDBACK newsletter. Please contact co-chair Mark Hinkel (WA3QVU) for more information.

ATTENTION MEMBERS

If you want to have your picture taken to be placed on the 'Members Photos' section of the www.k3dn.org website, please email Mark Hinkel at mrhinkel@verizon.net or myself Michelle at mal61@comcast.net with your interest. If we get enough people who are interested, I will pass the info on and then we will have camera ready at the following club meeting. Remember to bring your best face!"

The Membership Committee has badges and Club cards for you to pick up. If you do not have a Warminster Amateur Radio Club badge or card with your picture on it, please stop by and visit your Membership Chairs, Mark Hinkel - WA3QVU or Michelle London - KB3MTW at the WARC monthly meetings. Otherwise, please contact Membership at: WARCmembership@K3DN.org. Thank you.

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Warminster Amateur Radio Club General Meeting Minutes October 7, 2010

Meeting was called to order by the President, Rich (AG3L) at 7:30 pm.

INTRODUCTIONS:

MINUTES FROM THE SEPTEMBER 2, 2009 MEETING:

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

TREASURER REPORT- James (K3JHR):

As given

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DECEMBER HOLIDAY DINNER

WARC Members,

Hold this date and mark your calendars now. Our WARC Holiday Dinner is now planned. Bring your wife, your girl friend or your kids. This will be an evening of fun, networking and holiday cheer.

Date: December 2nd

Time: 6:30pm to ?

Location: Benjamin Wilson Senior Center (same place as our regular meetings)

Cost: \$12.50 for Adults and \$7.50 for Children under 12 years old.

Menu items:

- Baked Chicken
- Meat Balls
- Stuffed Shells
- Glazed Carrots and Herb Roasted Potatoes
- Cold Platter (Cold Cut Meats, Potato Salad, Macaroni Salad and Cole Slaw)
- Breads
- Desserts
- Soda's and Coffee

Please send your reservation checks by mail to:

Warminster Amateur Radio Club

Box 113

Warminster, PA 18974

Or through PayPal through the WARC Club Website (www.k3dn.org).

Please make sure you include a note with your name, call sign and the number of Adults and Children with payments.

All reservations have to be in by November 23rd.

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COMMITTEE REPORTS:

PROGRAMS- Irwin (KB3TB):

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

December 2, 2010 – Annual Warminster ARC Dinner.

January, 2011 – Presentation about the NADC Museum

February, 2011 – Club Auction

March, 2011 – Repeater Update by Brian (N3EXA) and Al (WI3Z)

April, 2011 – ARRL Night – Log Book Of The World and Hamfest (May 1, 2011)

May, 2011 – Digital Modes

June, 2011 – Fox Hunting

August, 2011 – Software Defined Radio

September, 2011 – Storm Watching

October, 2011 – D-Star

November, 2011 - Ham Radio Outlet RICK LAMB (K3TL).

December, 2011 – Annual Warminster ARC Dinner.

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

There are currently 112 paid-up members. .

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Every member is also encouraged to join the ARRL. Currently, 95 WARC members are ARRL members. The club must have at least 50% of its members as ARRL members to keep the WARC's affiliation. ARRL annual membership dues are \$39.00.

PUBLIC SERVICE – George (N3HBT):

October 11 Five Ponds Golf Course Hole-In-One Contest. Dinner afterwards. 8:30 – 1:30 Need 10 operators.

October 23, 8:30 am – 1:30 pm. Run starts at 9:00. Kraven Hall 5 K run at Warminster Park. Need 5-6 operators.

November 6 – Burt (N3YVH) mentioned that the Thank You Dinner for volunteers at the Polish-American Fest would be November 6

November 25 (Thanksgiving) – Doc (W3GAD) announced there will be a 5 K run in Newtown.

CLASSES:

There is a class for the Technician Class license taught by George (KA3WXV). 7:00 – 9:00 pm. There are 3 students. Next March there will be another Technician Class license class.

REPEATER – Al (WI3Z):

Repeaters are up and running.

Echolink is running. It should soon be almost portable.

At the March meeting Al (WI3Z) and Brian (N3EXA) will explain everything about Echolink.

OLD BUSINESS:

Russ (KB3UI) is working of the club's status as a non-profit organization with a 501(c)3 submission form. George (N3HBT) talked to Cathy Watson (PA Representative) about the 501(c)3.

NEW BUSINESS:

The Annual Warminster ARC Dinner will start at 6:30 pm. The cost to adult members will be \$ 12.50. For children under 12 it will be \$ 7.50.

Menu items:

? Baked Chicken

? Meat Balls

? Stuffed Shells

? Glazed Carrots and Herb Roasted Potatoes

? Cold Platter (Cold Cut Meats, Potato Salad, Macaroni Salad and Cole Slaw)

? Breads

? Desserts

? Soda's and Coffee

All information will be on WARC-Talk Monday or Tuesday.

MEMBER COMMENTS/QUESTIONS:

Mark (AA3K):

The PA QSO Party is October 9 – 10. Check the rules.

Also:

The CQ World-Wide Phone Contest is coming up. You can work locally for multipliers.

Report should be 59 (RST) 05 (Zone).

Irwin (KD3TB) et.al. are going north to zone 2. That's good for Worked All Zones.

Doc (KA3RAU):

Would like to try having a CW practice net. See Irwin (KD3TB). Possibly start after the December Meeting

TONIGHT'S PROGRAM:

Presentation by Rich (AG3L) on Army MARS (Military Auxiliary Radio System)

Submitted:

WDØESL, Club Secretary October 12, 2010

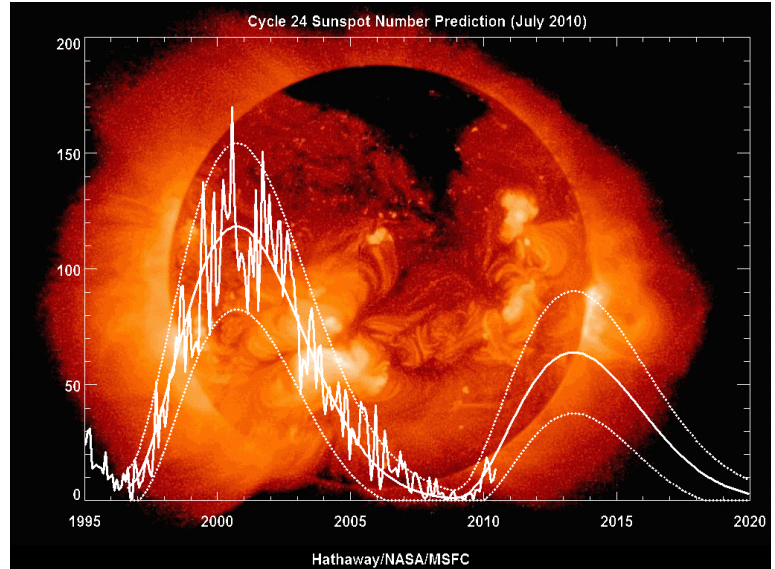
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Solar Cycle # 24 Updated By Irwin Darack KD3TB

With more than 22% of the Solar Cycle #24 over, NASA now predicts that this cycle will be a weak one with a maximum number of approximately 70 +/- sunspots at the peak in 2013. "We find a starting time of July 2008 with minimum occurring in November or December 2008 and maximum in June 2013 (<http://solarscience.msfc.nasa.gov/predict.shtml>)." This is significantly lower than Cycle # 23 which had a peak of around 150 sunspots.

Another interesting article in The American Association for the Advancement of Science, titled "Say Goodbye to Sunspots?" - (<http://news.sciencemag.org/sciencenow/2010/09/say-goodbye-to-sunspots.html>) - "Scientists studying sunspots for the past 2 decades have concluded that the magnetic field that triggers their formation has been steadily declining. If the current trend continues, by 2016 the sun's face may become spotless and remain that way for decades—a phenomenon that in the 17th century coincided with a prolonged period of cooling on Earth."



If this prediction becomes true, what does this mean to us as Ham Radio Operators on the East Coast? For those of you working on your DXCC award, Southeast Asia will be a challenge from the East Coast of the US. Australia and New Zealand stations will still show up on early in the morning and late in the afternoon, while Singapore, Malaysia, etc. will be a challenge. European stations, especially Italian and German stations, will continue to attract pile-ups on the HF bands. Currently as I write this article (8 October) the Solar Flux is sitting at 75 with an A of 4 and a K of 1 giving us a quiet band. This is a very quiet sun given that we are supposed to be heading for the top of the solar cycle.

As you read this article, you will be either preparing for CQWW SSB contest at the end of October, or the contest will have just ended. During the daytime, 20M will be our main band with 40M early in the morning and at night. Our ability to hear weak signals will depend upon other natural (QRN) and man-made atmospheric noise (QRM). During the contest we will hear increased activity on 15M, hopefully some openings on 10M to the Caribbean and South America. Regarding the low bands, look for activity on 80M and some 160M during the night. Contesting can be fun and you do not have to be a 'big gun' to participate. You will be surprised on how many stations you can work with a dipole or vertical antenna during a contest.

Good Dx'ing. Irwin – KD3TB

About the author: KD3TB, Irwin Darack, was first licensed in 1979 as KA1CLH and currently holds an Amateur Extra license. He has also held licenses from different countries, including Singapore as 9V1AP. He is active in both the Warminster Amateur Radio and Frankford Radio Clubs. He enjoys Dx'ing and contesting using a variety of modes, including SSB, PSK31, CW and RTTY. He is a member of the VE2DXY team which activates CQ Zone 2 in Sept Isles, Canada during the CQWW SSB contest. Irwin can be reached at idarack@gmail.com

SOLAR UPDATE

Tad "The Sun is up, the sky is blue; it's beautiful and so are you <<http://www.youtube.com/watch?v=M-2lMstw6qs>>" Cook, K7RA, reports: The average sunspot numbers for the week were up nearly 44 points to 55.6, but the average solar flux readings were unchanged, at 84.9. A few days ago, the solar flux values rose above 90, but currently the projection from USAF and NOAA for solar flux over October 21-31 is 84, 83, 82, 82, 82, 80, 78, 80, 85, 80 and 80. Seven new sunspot groups arrived since October 9: group 1112 came on October 9; group 1113 on October 13; 1114 and 1115 on October 14; 1116 on October 17, and 1117 and 1118 on October 19. While the average sunspot number for the past week was 55.6, the greatest sunspot activity was over the past few days, with the daily sunspot numbers on October 17-20 at 61, 69, 65 and 61. Look for more information on the ARRL Web site on Friday,

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October 22. 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 John Lennon's Dear Prudence <http://en.wikipedia.org/wiki/Dear_Prudence>.

Courtesy of the ARRL Newsletter

AMATEUR RADIO IN SPACE: ARISSAT-1 TOPS AGENDA AT AMSAT-NA'S ANNUAL MEETING

The development and next year's scheduled launch of ARISSat-1 were the main topics of discussion at the 2010 AMSAT-NA Space Symposium and Annual Meeting, held October 8-10, 2010, in Elk Grove, Illinois. ARISSat-1 has been delivered to NASA to undergo final preparations for delivery to the International Space Station. ARISSat-1 is scheduled to be manually released into orbit during an ISS spacewalk early next year. The ARISSat-1 project began when plans for SuitSat-2 had to be shelved for lack of a space suit.

<<http://www.arrl.org/news/suitsat-2-now-called-arissat-1>>. The development team undertook the task of housing the payload planned for SuitSat-2 in a more traditional housing adapted for manual deployment. A few units were developed to have on standby for future launch opportunities; one of these units was on display at the Symposium. Read more here:

<<http://www.arrl.org/news/arissat-1-tops-agenda-at-amsat-na-s-annual-meeting>>.

Courtesy of the ARRL Newsletter

FREE ANTENNA

Hi,

My name is Fred Platt(W1KQV). I have been a ham for over 40 years and have recently retired from the hobby. I would like to dispose of a 20M tuned loop antenna that I constructed several years ago. It worked quite well installed in my attic, however the close proximity to other services in the attic presented some interference problems. It is constructed of copper tubing with a high voltage variable condenser for tuning.

Please send me an e-mail (Aeroham@aol.com) to arrange a pickup. It weighs less than 10 pounds. I hate to leave it for trash pickup.

2010 Contest Calendar

11/06/2010 ARRL November Sweepstakes (CW)
11/20/2010 ARRL November Sweepstakes (Phone)
12/03/2010 ARRL 160 Meter Contest
12/11/2010 ARRL 10 Meter Contest
12/19/2010 ARRL Rookie Roundup - December
 Kentucky QSO Party 1400Z, Nov 13 to 0200Z, Nov 14

➤ ATLANTIC DIV. HAMFESTS - 2011

January 15 Harrisburg Radio Amateurs Club Paxtang Firehouse
 3423 Derry St., Harrisburg, PA www.w3uu.org

January 23 Maryland Mobileers Amateur Radio Club Odenton Volunteer
 Fire Department Hall 1425 Annapolis Road (Route 175) Odenton, MD 21113
<http://www.mobileers.org/>

March 26-27 Baltimore Amateur Radio Club Maryland State Fairgrounds
 2200 York Road Timonium, MD <http://www.gbhc.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 2010 test fee is **\$15.00**.

Warminster Amateur Radio Club, Monthly, Last Wed. 7:00 pm at the Warminster Recreational and Educational Center on Little Lane.

George Brechmann (215) 443-5656.

Atco, NJ, The fourth (4th) Tuesday of each month, at 7 p.m. Winslow Township Senior Center, 33 Cooper Folly Road, 08004-2603.

Mark (K2AX) jtra@comcast.net

Levittown, PA, Monthly, 1st Saturday - George LeNoir, WR3B, 215-943-4886.

Telford, PA, Monthly, RF Hill ARC. 3rd Monday at the Indian Valley Library.

Charles Schmell, KB3CEZ, 215-257-6368 days 215-538-7458 evenings.

Philadelphia, PA, Testing is done on the 4th, non holiday Thursday of the month

at the, Community Ambulance Association of Ambler, 1414 E Butler Pike, Ambler PA 19002 at 7:00 PM We also are

testing on Saturdays at least once per quarter at 9:00 AM. For further information contact James McCloskey at 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.
- 145.250 Penn Wireless
- 145.330 Hilltown
- 146.670 DVRA
- 146.685 Holmesburg
- 146.925 Willingboro
- 147.000 Ham Buegers
- 147.030 Phil-Mont
- 147.090 Warminster
- 147.270 Frankford
- 147.300 BEARS
- 147.390 CBRA

220

- 224.580 PackRats
- 223.76 K3NAL

UHF

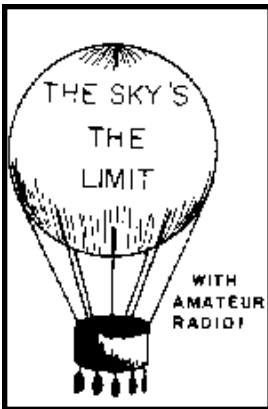
- 442.650 DVRA
- 443.250 TAG
- 443.050 Metro-Comm
- 443.950 Warminster
- 444.200 BEARS
- 449.325 KA3WXV
- 447.475 WR3B
- 447.625 WE3E
- 448.225 Penn Wireless

D-STAR

- 447.625 K3PDR DStar DV

6 Mtr

- 53.030 WA3BXW
- 53.230 N3DQZ
- 53.320 K3MFI



*The Warminster Amateur Radio Club
 Announces Free Ham Radio Instructional Classes*

If you're interested in Ham Radio, or think you might be, this is your opportunity. Perhaps you'd like to learn about digital communications, Morse code, VHF, UHF, satellite, or perhaps you'd rather sit down and chat with someone in South Africa, Russia, Great Britain or in the space shuttle.

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

Bucks County Amateur Radio Emergency Service (BCARES)

www.bucksares.org
 Bucks County ARES will be on the air Wednesdays, at 9:00 PM . We will be using Warminster Amateur Radio Club's repeater on 147.090, pl 131.8. This net is linked as shown in the Net Schedule box for the Wednesday night net. It may also be linked to 147.300.

Winlink Gateway Stations:

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

Net Schedules

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

Are you submitting an article for the Feedback ?

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

- E-Mail to:
wa4ywm@comcast.net
Or via snail mail to:
FEEDBACK EDITOR
Warminster Amateur Radio Club
Box 113
Warminster, Pa 18974
- Use both upper and lower case letters.
- Use your program's spell check.
- If you don't have a computer, then typewritten sheets are o.k. but please use both upper and lower case.
- Put your name and call at the beginning or end of the article, and show credits if you are using material from another source.
- Deadline for articles is the Saturday before the Board meeting.

The annual dues rate structure is as follows:

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

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

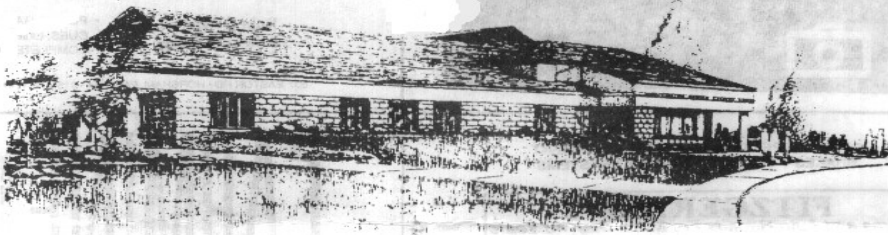
2010 Officers

Executive Officers

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

Committee Chairpersons

Archives	Burt Ludin	N3YVH	267-781-0603
ARES Liason	Denise Burstein	KB3ANO	215-355-1150
Arrl Liason	Richard Luce	AG3L	215-441-8264
Awards Manager	Vince Pironti	KD3TC	215-674-0446
Classes	George Altemus	KA3WXV	215-855-3856
Digital and APRS	Ron Wenig	NY3J	215-638-9257
DXpedition	Doc Whitticar	W3GAD	215-968-6397
Feedback Editor	Jim Elmore	WA4YWM	215-538-1889
Field Day 11	Mark Kempisty	N3GNW	215-953-1493
Fundraising	Adam Huffnagle	KB3JCP	215-442-9526
Hamfest 11	Mark Hinkel	WA3QVU	215-659-4449
Hamwear	Burt Ludin	N3YVH	267-781-0603
Holiday Dinner	George Brechmann	N3HBT	215-443-5656
Interference	Mark Kempisty	N3GNW	215-953-1493
Membership	Michelle London	KB3MTW	215-672-7578
Membership	Mark Hinkel	WA3QVU	215-659-4449
Net Manager	George Brechmann	N3HBT	215-443-5656
PA QSO Party	Mark Kempisty	N3GNW	215-953-1493
Publicity	Dan Myers	KB3IBQ	215-957-2343
RACES Liason	Chris McCormack	N3JHR	215-969-2626
Refreshments	Doc Morein	KA3RAU	215-542-0593
Refreshments	Randy Gehman	N3LJE	215-822-9473
Repeater Cooridinator	Brian Taylor	N3EXA	215-257-6303
Satellite	Joe Bagnick	N3EMA	215-997-2539
Skywarn Liason	Mike Patton	W3MJP	215-491-9665
Station Trustee	George Brechmann	N3HBT	215-443-5656
Sunshine Club	Vince Pironti	KD3TC	215-674-0446
Township Liason	George Brechmann	N3HBT	215-443-5656
VE License Testing	Larry Abbott	WA3ELQ	215-443-7521
VHF/UHF/MW	Al Sheppard	N3ITT	610-847-5490
Website Coordinator	Al Konschak	WI3Z	215-491-9941
Youth Programs	Richard Luce	AG3L	215-441-8264
Youth Programs	Steve Larson	WW3Y	215-822-1511

Club Station**Meetings****Talk To Us**

The Club Station - K3DN - is located at the Benjamin Wilson Senior Center, Delmont Avenue, Warminster, PA. The station is open for club members and the interested general public on non-holiday Tuesday evenings from 7 to 9 pm . The station is fully operational on HF (80 meters through 10 meters) both phone and CW. There is an assortment of amateur radio shareware which may be copied under the shareware licensing agreement.

For additional information on the Club Station please call the Station Manager N3HBT - George at 215-443-5656.

- WARC Meetings are held the first Thursday of each month at 7:30 pm at the Benjamin Wilson Senior Center, Delmont Avenue, Warminster, PA. Talk in is available on the 147.09 & 443.950 repeaters.

For general club correspondence:

k3dn@k3dn.org

For Feedback articles:

wa4ywm@comcast.net

Visit our Home Page at:

<http://www.k3dn.org>

**Federal Communications
Commission**

1270 Fairfield Road
Gettysburg, PA 17325

License Information

800-322-1117 - M-F 0800-1630

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FEEDBACK

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Box 113
Warminster, Pa 18974

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