



## Meeting April 7<sup>th</sup> at IU20

### The Prez Sez

by Bryan, AA3WM



I'd like to thank Paul, N0KIA for doing a great job on the program for the March meeting! He volunteered to do the program on short notice, and I really appreciate his

willingness to do so.

Charlie, W3DEA, is spearheading a new event at the Bethlehem Public Library [on April 16<sup>th</sup>]. The DLARC will be donating a set of ARRL books to the library as part of this event. See Charlie for more information.

For those interested in weather and weather spotting, you now have an opportunity to get trained. On April 17<sup>th</sup>, there will be a Skywarn training class at the Lehigh Valley Hospital Auditorium. You need to register, and it is on a first come, first serve basis. You may register by sending an email to Larry – KB3JMS at [kb3jms@netzero.com](mailto:kb3jms@netzero.com). Contact Larry if you need further information.

Don't forget that coming up in April, May, and June are the MS Walks and Bike Tour. These are important events that we, as amateur radio operators, can contribute to by volunteering our time to help with the communications. This year's MS Events are:

- Sunday, April 17, 2005 – MS Walk - Hugh Moore Canal Park, Easton, PA
- Sunday, May 1, 2005 – MS Walk - Rose Garden Pavilions, Allentown, PA
- June 11-12, 2005 - MS150 PA Dutch Bike Tour

Al -W3CE, and Ken – N3IYX, with the help of others, are continually improving the club station set up at the milk house. The club station is open most Wednesday nights and sometimes other nights as well. Why don't you check it out when you get a chance?

de Bryan, AA3WM

### Snippets

by Charlie, W3DEA

Library Special Event Station April 16 1-3PM @ The Bethlehem Area Public Library contact Charlie W3DEA [w3dea@snycomp.com](mailto:w3dea@snycomp.com) 610-954-5285

MS Walk - Easton April 17. Meeting at Hugh Moore Park Easton at 8 AM Contact Charlie W3DEA [w3dea@snycomp.com](mailto:w3dea@snycomp.com) 610-954-528 or Larry KB3JMS [kb3jms@netzero.com](mailto:kb3jms@netzero.com).

Tech Net April 6 at 8PM. Tech Nets are the wednesday before the general meeting on the W3OK repeater system. Discussing ham radio disasters and



The DLARC Meets The First Thursday Of Every Month  
The Delaware-Lehigh Amateur Radio Club Is An ARRL Special Service Club

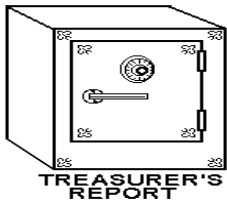


successes as well as what's going on. Check in even if you are only planning on listening - you never know when YOU will be the one able to answer someone's question.

*de Charlie, W3DEA*

## Treasurer's Report

*by Dick, KA3MOU*



Delaware-Lehigh Amateur Radio Club, Inc. Income & Loss Statement.

<b>Balance 1/31/05</b>	<b>\$6,432.11</b>
<b>INCOME</b>	
Club Dues	\$287.00
Interest Checking	5.42
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<b>TOTAL INCOME</b>	<b>\$292.42</b>
<b>EXPENSES</b>	
Field Day Plainfield Township 6/25-26	\$125.00
Memory Of Margaret Carling	25.00
Newsletters Dec. Jan. & Feb.	117.00
Picnic Pavilion 9/11	45.00
Postage	70.00
Telephone	17.73
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<b>TOTAL EXPENSES</b>	<b>\$399.73</b>
<b>Balance 2/28/05</b>	<b>\$6,324.80</b>

*de, Dick, KA3MOU, Treasurer*

## DLARC General Meeting Minutes - March 3, 2005

*by Charlie, W3DEA*

**7:35 PM** Called to order by Bryan AA3WM, 30 members present – 24 needed for quorum.

### REPORTS:

#### **Secretary – Charlie W3DEA**

- ✓ No changes, 1st – Bill N2DH, 2nd – Mike K7PTL, Passed

#### **Treasurer – Dick KA3MOU not present (Bryan AA3WM)**

- ✓ No changes, 1st – Al W3CE, 2nd – Ken N3IYX, Passed

#### **Repeater – Barry N3NVA (Charlie W3DEA)**

- ✓ Please do not acknowledge any malicious interference on the air. Listen on the input frequency to see if you pick up any signal and if you do, contact Barry N3NVA.

#### **VE Session – Bill N2DH**

- ✓ No registrants for tomorrow

#### **W3OK Club Station (Milkhouse) – Al W3CE & Ken N3IYX**

- ✓ Keys aren't lost (at 911 center), they are just not available. No word on availability.
- ✓ 6 people at station last night
- ✓ MOTION – BY Al W3CE, 2nd by Charlie W3DEA, for the club to buy two lengths of panduit costing \$50.00 to protect station wiring. Passed.

#### **Tech Net – Charlie W3DEA**

- ✓ 10 stations participated over the course of the net
- ✓ Next Tech Net is April 6 at 8PM. Non-members are invited to participate in the net as well as the DLARC membership. Check in, even if you only plan on listening; you never know when YOU may be able to answer someone's question.

#### **Membership / Guests – Bryan AA3WM**

- ✓ Pete KB3JWQ
- ✓ To be voted on at the next meeting – David N3XGE & Pete KB3JWQ
- ✓ Please make correction to your directories – Frank KC2LGC's e-mail address is now stacker70@msn.com

## ANNOUNCEMENTS:

- ✓ Weather Drill – March 10th contact Dick KA3MOU
- ✓ Classes Start on March 15 and will run ~9 weeks, contacts Bob KE3AW, George N3SQD and Chris NU3L – also check web site
- ✓ Skywarn Training is available on April 17, contact Larry KB3JMS
- ✓ MS Walks are Easton April 17, meeting at Hugh Moore Park at 8AM and the Allentown walk is May 1st. Contacts Charlie W3DEA & Larry KB3JMS.
- ✓ Library Special Event Station is on April 16 operating from 1 – 3 PM. If interested contact Charlie W3DEA.
- ✓ Amy Zimmerman award has been given over to a committee headed by Jeff N3QZT to set down parameters and guidelines for the award.
- ✓ Bill K3ANS has volunteered to do a program on station grounding – Date TBA
- ✓ Tonight's program is given by Paul NOKIA on the Elmer 160 course.

## Adjourn

- ✓ 1st – Bill N2DH, 2nd – Rick KB3LLM, passed

*de Charlie, W3DEA*

## Skywarn Training

*by Larry, KB3JMS*

Several weeks ago I had a conversation with Tom-kb3iue, DLARC Program Director, and Phil-kb3hmk, LVARC Program Director as to whether there would be an interest in a Skywarn Training Class. They both agreed that there would be some interest, and said that they had no objection if I tried to set up a class.

I checked with Mark-n3ulr, Skywarn Coordinator, and asked if he had any objections if I tried to set up a class. He said he had no objections.

After a few tries I finally succeeded and we have a class scheduled. The details are below.

*73 de Larry, KB3JMS*

## SKYWARN TRAINING

Sunday, April 17, 2005 - 4:30 pm

AT:

Lehigh Valley Hospital Auditorium  
South Cedar Crest Blvd. (Rte. 29) and Interstate 78  
Allentown, PA

## ADVANCED REGISTRATION REQUIRED

Larry Nierenberg, who is a meteorologist at the National Weather Service office in Mount Holly, NJ, will be the instructor for the training session. In addition to Larry, we will have Ed Hanna, Chief Meteorologist, from WFMZ-TV 69News / AccuWeather Channel, who will be providing the added dimension of local flavor to the training session.

The session will last approximately 2 to 3 hours including a mid-point break. April is the time to prepare for the storms that will arrive in the spring and summer. Skywarn information is key information for the national weather service and is provided by volunteers like you.

If you have attended a prior class, now would be the time for a refresher. Skywarn classes are not presented often, so take advantage of this opportunity. Everyone who attends will be eligible for certification as a National Weather Service Skywarn Spotter.

The following are quotes from the "Basic Spotters Field Guide": "In the average year, 10,000 severe thunderstorms, 5,000 floods, and over 900 tornadoes occur across the United States. During the past 10 years, tornadoes, severe thunderstorms, and flash floods have killed nearly 2,300 people in the United States and injured thousands of others. Because of storm spotter reports, such as those you provided, plus the addition of new technology and improved warning dissemination, this death toll was reduced by more than 800 from the previous 10 years. While these figures still appear staggering, several thousand lives have been saved by reports from storm spotters.

Registration is on a "first come, first served" basis and only those who have registered will be admitted. Once the capacity of the room has been reached the course will be closed. You may register by sending an email to kb3jms@netzero.com.

Directions to the class can be found at the Lehigh Valley Hospital website <http://www.lvhhn.org>. Click on locations near you. Click on Cedar Crest. This website also provides internal maps of the hospital building. Park in the main parking lot and use the main entrance. Then follow the signs to the Skywarn Class.

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## Concerning ARES/RACES membership.

by Dick, KA3MOU

I am working on the new membership cards for ARES/RACES. When I have 30 or so cards to be laminated I will take the cards to the laminator. I will announce on the Wednesday night nets when the cards are ready to be picked up at a club meeting.

73, Dick, KA3MOU

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## Email Updates

by Dick, KA3MOU

Below are up dated E-mail addresses for the following club members. Please make the changes on your E-mail directory which you received.

Change for Dennis / KR3U kr3u@ptd.net

Change for Pat / KB3IDQ kb3idq@ptd.net

Change for Al / W3CE w3ce@verizon.net

Change for Roy / W3ZIF w3zif@comcast.net

Change for Frank / KC2LGC stacker70@msn.com

73, de, Dick, KA3MOU

## A Walk in Time

by Barry G. Kery, KU3X

The Hammarlund HQ-180A is a General Coverage receiver which covers continuously from below 500 Khz to 30 MHz. The left VFO is the general coverage VFO and the right VFO is the bandspread VFO for tuning the 80 to 10 meter Amateur Bands. The HQ-180 was introduced in 1959. A nearly identical model, HQ-180A, was introduced in 1963 and was produced until 1972. The price of the HQ-180A was \$439. The HQ-180X had a crystal control board in place of the clock.

The receiver's IF/detector system was optimized for Single Sideband reception. It's a great receiver to use for either AM or SSB, and is still highly prized by Short Wave Listeners for its overall performance, frequency coverage, and quality audio. I personally owned the HQ-180A in the early '80 and to this day I am sorry I sold it.



de Barry, KU3X

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## Milkhouse Happenings

by Al, W3CE

We are upgrading the DC distribution at the milkhouse. Currently there are several twelve volt power supplies and wall warts powering everything from an Ethernet hub to HF and VHF/UHF rigs. It was decided to use the club's 36 amp supply to power almost all of the equipment requiring 12 volts. Two six foot sections of Panduit were purchased and are being installed under the AC strips at the operating

positions. A MFJ 12 Volt PowerPole distribution panel will feed the DC via individually fused lines. All lines will end in PowerPole connections, which will allow more versatility in arranging equipment. Hopefully this will also lessen the amount of tangled wires along the back of the operating positions. The job should be finished on Wednesday the 16th.

George N3SQD installing the Panduit



Photo by Al, W3CE

*de Al, W3CE*

## Meeting Pictures

From the February meeting:

Chuck, WA3MGD speaking



Photo by Jeff Keller, N3QZT

Barry, N3NVA talking about the repeater



Photo by Jeff Keller, N3QZT

From the March meeting:

Paul, NOKIA teaching us about capacitance and inductance



Photo By Brad Snyder, KB3JXQ

Al, W3CE receiving certificate



Photo provided by Bryan, AA3WM



Photo by Bryan, AA3WM

## CQ Introduces the "CQ DX Field Award"

Submitted by Clarence, W3PYF

(Hicksville, NY - March 14, 2005) -- CQ Amateur Radio magazine today announced the introduction of a new operating award, the "CQ DX Field Award," recognizing achievements in contacting at least 50 of the world's 324 10x20-degree "grid fields." This is the first of three new programs to be announced by CQ over the next three months with the goal of revitalizing ham radio's core activity of DXing, or contacting stations in faraway places.

The CQ DX Field Award is based on the Maidenhead Grid Locator system, already popular among VHF DXers and contesters, in which the world is divided, based on latitude and longitude, into 324 10x20 degree "fields" and each field is broken up into 100 1x2 degree "grid squares" or "locators." CQ DX Awards Manager Billy Williams, N4UF, has calculated that there are 177 fields with which the active ham stands a pretty good chance of making a contact, noting that many fields are in Antarctica, the Arctic or wholly within oceans.

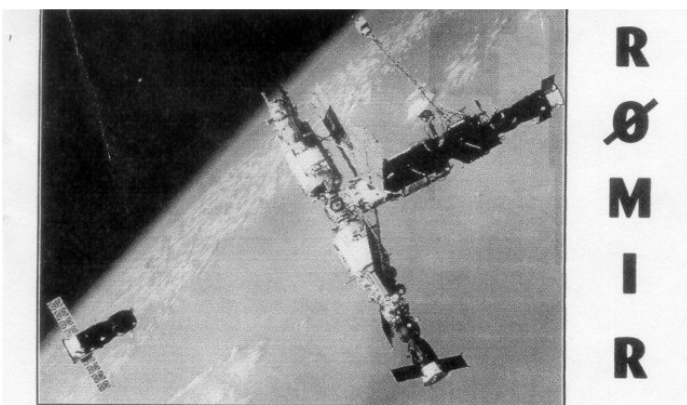
Williams estimates that a ham who has achieved the basic levels of the traditional CQ DX Award program and/or the ARRL's DXCC program - both of which require confirmed contact with at least 100 DX "entities" - will probably also qualify for the basic CQ DX Field Award level of 50 confirmed fields. Endorsements will be issued for each additional 50 fields up to 150, then in increments of 25 fields to a final level of all 324 fields.

Contacts made on or after January 1, 1980 (the year in which the grid system was adopted for amateur radio use) will count toward the new award. Complete details and rules will be published in the April 2005 issue of CQ magazine and posted on the magazine's website at <<http://www.cq-amateur-radio.com>>. In addition, Williams has developed an online cross-reference guide for converting countries to fields. It will be accessible at <<http://home.earthlink.net/~bfwillia/gridfieldsx.html>>.

## Favorite QSL Cards

The following card was submitted by **Pete, NL7XM**, and shows a contact that he made with "MIR."

The W3OK Corral welcomes all members to submit their favorite QSL cards.



ROMIR-collective space station "MIR"       R\_\_MIR-op. cosmonaut

op.- \_\_\_\_\_

ANT-GP 5/8, IC-228A 5/25W TX, TNC-Handi Packet-1200bps

R 3 K -club station NPO "ENERGIYA"       N6JLH-"MIR" QSL Manager D. Larsen

op.- \_\_\_\_\_

TO RADIO	DATE	UTC	MODE	MHz	RST	QSL
NL7XM	26	D 01	P	14		PSE
	17	M 35	K	5		
	95	Y	m	5		TNX

2-x way QSO CFM by RV3DR-QSL manager  
P.O. Box 1501, Pine Grove CA 95665, E-M docdave@ix.netcom.com docdave@inrech.com

# Electronic Definitions:

submitted by Pete, NL7XM

**Ground Wave:** What you see during an earthquake.

**Backwave:** South side of belly dancer.

**SSB:** A very sad person.

**Stacked Arrays:** What you see at the bunny club.

**Ionosphere:** Opposite of "you own a sphere."

**Sunspots:** Freckles.

**Repeater:** A gossip.

**Mobile Operation:** Surgery while in motion.

**Inductance:** When you are sworn into the Armed Forces.

**Resonance:** The gooey stuff that runs down the side of a fir tree.

**Nodes:** How you pronounce "noses" when you have a head cold.

**Half Wave:** Twice as many in a full wave.

**Quarter Wave:** Twenty five cents worth of a wave.

**Dipole:** Stirring stick used in a dyeing vat.

**Voltmeter:** A metric ruler for measuring the length of a volt.

**Semiconductor:** A short ticket taker on a train.

(SPARC-GAP – ST. PETE)



## Free – Free – Free – Free

I have an old 6-element, 6 meter beam free for the taking.

Mitch Bloom WA1LLD

2005			APRIL				2005
Sun	Mon	Tue	Wed	Thu	Fri	Sat	
May 1 <sup>st</sup> – MS Walk - Allentown					1	2	
3	4	5	6 ARES / RACES Net 7:00 pm <u>TechNet 8:00 pm</u>	7 Club Meeting 7:30 pm	8 VE Testing 7:00 pm	9	
10 Newsletter Deadline	11	12	13 ARES / RACES Net 7:00 pm	14	15	16 Library Special Event	
17 MS Walk – Easton Skywarn Training	18	19	20 ARES / RACES Net 7:00 pm	21 Executive Committee Meeting	22	23	
24	25	26	27 ARES / RACES Net 7:00 pm	28	29	30	

All Amateur Radio Operators are invited to Participate in the DLARC, RACES, and ARES nets: 51.76, 146.70, and 444.90 W3OK/RPT (pl 151.4) with an alternate of W3PYF/RPT 145.11 (pl 151.4)  
W3OK trustee Chris Hornaman, NU3L  
The Nets are held on Wednesdays at 7:00 PM

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The W3OK CORRAL is published monthly and is the Official Publication of the Delaware-Lehigh Amateur Radio Club, Inc.

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**== 2004-2005 ==**  
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**CLUB MEETINGS**

All regular meetings of the D.L.A.R.C. are held on the first Thursday of each month  
7:30 PM at IU20 Building in Palmer Township  
TALK IN ON 146.70  
Any comments or articles contributed to this newsletter  
should be addressed to kb3jxq@snycomp.com or Brad Snyder, Editor  
4260 Cedar Drive, Walnutport, PA 18088

visit our web page

<http://www.dlarc.org>



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