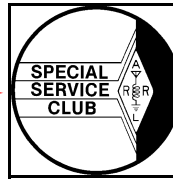


# HDARC NEWS



**HIGH DESERT AMATEUR RADIO CLUB, NM5HD**

May 2011

Editor, Jerry Aceto K6LIE

**NEXT MEETING MAY 21ST AT NOON**

Email: [jerold45@yahoo.com](mailto:jerold45@yahoo.com)

## President's Corner - Larry Elkin, NY5L

Welcome to May. Is your antenna still operational? Or, at least still standing upright?

So far this Spring, winds have been exceeding many vertical antenna maximum wind ratings on a regular basis. My Mosley vertical from the factory, has a 38 MPH wind rating. With modifications, it has withstood probably 70 MPH over the last 6 Spring seasons. Now is a good time to watch your antenna in heavy winds and think about what you can do to improve its' maximum wind resistance. If you need help, we're here to help!

Hopefully, you have all voted on whether to revise certain portions of our club documents. Your vote is important whether you favor or do not favor the revisions. With Bill Firth's leadership, and a hard working group of officers, Board of Directors, and HDARC members, the proposed revisions were prepared, reviewed and refined in quick order for you to evaluate and present your voting opinion. Don't complain if you neglect to vote! Please email your vote to Secretary Chuck Palmer [cpalmer02@msn.com](mailto:cpalmer02@msn.com) before midnight May 20, or attend the May 21 HDARC club meeting to vote in person. The voting results will be presented at the meeting. We will still be required to follow the present documents until the revisions are read at three consecutive general meetings. These three general meetings may be held within a short period of time, not necessarily over 3 months. We will announce the schedule of these meetings during our May meeting.

This is May and the center of the Amateur Radio universe will be located in Dayton Ohio at the Dayton Hamvention. Almost every major Amateur Radio manufacturer in the world plus just about every other substantial retailer from North America will be present for 2 1/2 days from May 20 to 22nd along with over 3 thousand flea market vendors and other retailers. For me, it will be my 17th time attending (it was only a 2 hour drive from Indianapolis IN.). Vice President Jerry K6LIE, Secretary Bob N5UKA, and Field Day/Balloon Fiesta cochairman Terry W4RCN will have holes burning in our pockets! For Bob and Terry, it will be their first time. Since our club meeting will take place during the Hamvention, Secretary Chuck NM5F will lead the meeting (he went to Dayton last year). If possible, we will attempt to stream a live report back to the meeting. If not, we will have some video for the June meeting to give everyone some idea of the size and scope of Hamvention.

Field Day is coming in June. We would like to see our newer members, and less active members come and join us for an interesting and fulfilling experience. Details will be announced soon and we will be looking for volunteers to assist in this great event.

Remember to vote!

73, Larry NY5L

**WELCOME NEW MEMBERS!**

*We would like to extend a GREAT BIG HDARC WELCOME to our newest members*

*Suzanne Warren KF5JMH  
Richard Warren KF5JME  
John Romano KF5KFT*

*We hope you will have fun learning and experiencing all that our great hobby of Amateur Radio has to offer!*

**Next VE Session**

The next High Desert Amateur Radio Club VE session will be held on **May 21 at 10:30 AM before the club meeting**. Please bring the following required:

- ◆ **Photo ID** (drivers license)
- ◆ **Original** Amateur Radio License
- ◆ **Copy** of Amateur Radio License
- ◆ **Original** CSCE's
- ◆ **Copy** of CSCE
- ◆ Test fee is \$15.00 .
- ◆ Proof of Tech Plus if before 3/21/87 and doing paper upgrade to General.
- ◆ SS Number will be needed if you don't have an FRN number.



**MAY HDARC Birthday Greetings!**

We want to extend warm **HAPPY BIRTHDAY** wishes to our club members celebrating their birthday in the month of **May**:

*Maurice Graff KF5TBJ*

*Adrian Miura W5ASM*

*Tim Wagoner KD5QHM*

*Jon Hansen KF5BFA*

*Dave Johnson N0LVA*

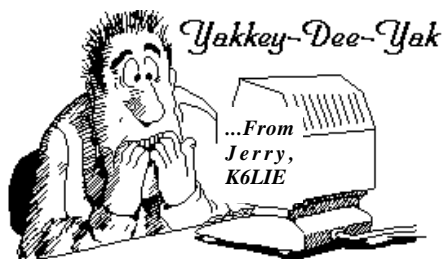


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## From The Editor's Desk.....



Hi All,

Well, the local tailgate was held this past Saturday (the 30th). There was a nice turnout and lots of good stuff, too. It was a fun event. It is always great to see those that you talk to on the air, than get to have an eyeball when at a local event such as the tailgate. The big question, though, was, "is this spring!?". You see, it was kind of chilly and everyone said it seemed more like the winter tailgate. But it was still a fun time, with a great breakfast with a few friends afterward.

Best 73's to all!  
Jerry—K6LIE

### Next club meeting May 12, 2011

*The High Desert Amateur Radio Club will have its next meeting on Saturday, May 21 at 12 noon at The Community Room of the West Albuquerque Police Station on Ellison across from Cibola High School. All members, families and guests are invited to attend.*

#### Please vote on revised club documents

The club board is still in the process of revising portions of the club documents. We know it is tedious, but it must be done. You all have received the revised documents. PLEASE SEND YOUR VOTE to Secretary Chuck Palmer at cpalmer02@msn.com by May 20.

### HI HO, HI HO, IT'S OFF TO DAYTON WE GO! May 20th through the 22nd.

This month marks the 60th consecutive year for the Dayton Hamvention. Several members will be attending the event and we are all looking forward to a great time.

Terry, W4RCN, his wife Jeannette; Larry, NY5L and Karen; Bob, N5UKA and myself, K6LIE will be attending. Larry, Karen, Bob and I will be caravanning in two vehicles, leaving on the 17th. Terry and Jeannette will be leaving several days earlier since they are driving their motor home and hauling an additional vehicle.

Taking a look at gasoline prices, I have found the prices are as follows:

Regular.....ARM 9/10

Mid.....LEG 9/10

Premium....BOTH 9/10.

Oh well, you get the point, but

what the heck, IT'S DAYTON!! So on to the biggest Amateur Radio convention in the world! I'm sure Terry and Bob's jaw will drop when they see a flea market that stretches just about as far as the eye can see. Larry and I have been there, so we know what to expect. Of course, every vendor and their uncle will be there also, so the guys had better bring a few bucks.

We will try to report back during the May club meeting, hopefully with video, to report on what we are seeing and doing. If this doesn't work, we will put together a program on Dayton for the June meeting.

It should be a great time. Hope to find some great bargains.

73's.....Jerry K6LIE

### CLUB REPEATERS

145.370 Mhz PL 162.2 Hz IRLP Node 7706

224.480 Mhz No PL IRLP Node 3285

442.750 Mhz PL 162.2 Hz

**Our club repeater systems, including our IRLP systems are open to our members as well as the entire Amateur Radio community.**

**Echo Link coming to 145.370 soon!**

**IRLP is in the process of being added to 442.750 and should be operational this month!**

**Thanks to Adrian, W5ASM and Fred, KC5IPK for working on these projects!**

## LUNCH OF THE MONTH

Hello All!

I am happy to tell you that the next Lunch of the Month, scheduled for Saturday, 05/14 at 12 noon, will be at the Pueblo Harvest Cafe at the Indian Pueblo Cultural Center. The address is 2401 12th Street NW, Albuquerque 87104.

We will probably be served on adjacent tables of 6 or so because we will get separate checks. If we were to pay on one check, we could get a large table. Please let me know how you feel about this. I would rather have the different tables and separate checks. My credit card can only bend so far! If you would like to see the menu, their web site is [www.indianpueblo.org](http://www.indianpueblo.org). Or, you can always call them at 724-3510. Their cuisine is Native Fusion; – basically, different tribal cooking traditions mixed in with some regular American dishes. I have eaten there in the past and highly recommend it. The Cafe is part of the Indian

Pueblo Cultural Center, but it is not necessary to pay for the museum in order to enter the restaurant or gift shop. If anyone is interested in visiting the museum, the prices are: \$4.00 per person to New Mexico residents with ID, \$3.00 for kids ages 5-17 years, and under 5 free. (Out of state residents get to pay \$6.00, with \$5.50 for seniors). It is more than worth the \$4.00!

Thank you to Serena for suggesting the Calico Cafe in March, and to Karen Elkin for arranging the St. Clair Winery dinner this April!

Now: I have lived here for only 6 years, and certainly do not know all of the good eateries. So I would like more suggestions from you all for places to go. Bill Firth recommended Boston Pizza near the ABQ Journal center near Jefferson and I 25, which would be a good choice for the summertime. I am thinking also of an afternoon at the BioPark,

where we can eat together and visit many of the attractions for one admission price. More on that later. But please share more with me.

Please let me know ASAP if you would like to go with us to the Pueblo Harvest Cafe, and how many you will bring with you. Families and friends are always welcome to our activities!  
Kathy WB6JAN

## MAY CLUB PROGRAM

Club Secretary, Chuck Palmer, NM5F, will present a program on Classic Ham Equipment. There are always great bargains in used equipment and Chuck will talk about what to look for, simple restorations, resources for repair or securing parts if you want to do your own repair or upgrades. Should be a very interesting program. Thank you, Chuck!

## *WHEN ALL ELSE FAILS, HAM RADIO WORKS!*

On Friday, the 29th of April, Claudine ( KF5JXG ) took a group of sixth graders on a field trip to the tent rocks near Cochiti. She took along her TH-f6a ( just incase ) and also to see if she could hit the clubs 442.750 repeater. All the kids and a group of teachers rode the bus. The parents that wanted to go, drove themselves and their own kids.

Some where along the way, the cars became separate from the caravan and lost the bus. The bus pulled into an area village south of Cochiti to wait for them to catch up. Some of them did and they ( the adults ) decided to move on.

The group has now arrived at the tent rocks, ( all but one car ). Nobody knows where these people are and there is no cell service and nobody has phone numbers for them any way.

Claudine contacted me ( Rick KF5JAJ ) through radio to call the school to get phone numbers for the parents. I was able to contact the parents by phone and relay messages by radio back to Claudine. They did make it to the correct place about 30 minutes after the bus arrived there and were able to enjoy the field trip.

Claudine was able to hit the club repeater from tent rocks. Transmission was scratchy when she was near the bus, but clear otherwise.

My moral of the story: Know where you are going, Don't depend on GPS, and don't loose sight of a big yellow, slow moving bus!

Rick Rood KF5JAJ



This year Field Day will be on June 25-26. Dave Johnson, N0LVA and I, Terry Zipes, W4RCN are the Co chairs for this event. We are striving to make this weekend as productive and as enjoyable as possible. We are researching several sites and will keep you apprized as to the final site in the near future. If anyone has a preference for a site or would like to have a site considered, please contact me or Dave. We also intend to have a Bar-B-Q/Pot Luck dinner to encourage all family member to come out on Saturday evening. We will, after a site has been chosen, ask that you let us know if you will be coming to the Pot Luck and what you will be bringing. We will need snacks,

potato chips, salads, deserts, and other main course dishes if possible. Please plan to attend the dinner with your family. We also need to have volunteers for setup, takedown, and 24 hour operations. Please let me or Dave know so that we may build a workable schedule. My email address is [w4rcn@q.com](mailto:w4rcn@q.com). Dave's is [daven0lva@gmail.com](mailto:daven0lva@gmail.com).

Thanks and Best 73s

Terry, W4RCN

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### ***2011 Membership Dues***

**Membership dues are due May 1st.**

**Please mail your 2011 club dues to:**

**Dues are as follows:**

<b>Member</b>	<b>\$25</b>
<b>Family Member</b>	<b>\$5</b>
<b>Life Membership (those 80+)</b>	<b>Free</b>
<b>Aux. Member-Studying for License</b>	<b>\$15</b>

**High Desert Amateur Radio Club  
Robert Nieri - Treasurer  
225 Bryn Mawr SE  
Albuquerque, New Mexico 87106**

**Please renew your dues no later than June 30th. After this date, you will be removed from the roster and Newsletter list. We would certainly miss you. If you should forget, you will be reinstated upon receipt of your 2011 dues. Thank You!**

I have been asked by several new members about IRLP, what it is and how it works. So, I will attempt to give you all a somewhat non-technical report on this really great service.



IRLP is the brainchild of Dave Cameron, VE7LTD. You can see what IRLP stands for in the graphic to the right. As the logo implies, IRLP is a way of linking VHF and UHF radio systems via the internet. These systems may be repeaters or simplex systems. By using VoIP (Voice over Internet Protocol), we can use the internet as the means of linking these systems, thus allowing radio systems that would normally have a typical line of sight range to now be able to extend its range world wide. This means that wherever you are in the country, or world that has a repeater or simplex system that is IRLP capable, you can literally talk to stations world wide from your mobile station, home station or even your handheld rig. Yes, you have this capability literally in the palm of your hand if your handheld can communicate with a system that is IRLP capable. Sounds pretty neat, huh? Well, it is and if you have heard the 220 Rag Chewers Net on our 224.48 repeater, linked with our 145.37 repeater, both of which are linked to IRLP, then you have already heard the capability of these systems. I have had check-ins to my net from around the country and around the world. Now that we have IRLP working on our 2 meter repeater, those of you that do not have 220 can join in the fun on Wednesday evenings. Oh, by the way, did I men-

tion that our 442.75 repeater will have IRLP working on it soon? So on Wednesday evenings, both the club's net and the 220 net will be linked up on *all three* repeaters. Of course, you do not have to wait for a net to use these systems, but more about that later.

So, how does all this work? What amount of equipment do you, the user need? Do you have to go out and buy some special, super piece of equipment to get on this system? Maybe a special transmitter? Well, the answer is a resounding NO! Chances are pretty high that you already have all that you need, and that is a radio that is equipped with a touch tone pad, or a DTMF encoder, as us techies like to call it. Simple, right? And to think that you all thought this was going to require some great effort on your part and all this time you already have the needed equipment on your end. This is because all the equipment needed for you to access this super system has already been added to the various repeater and simplex systems, including your clubs repeaters. In our case, our technical folks: Jerry, K6LIE, Adrian, W5ASM and Fred, KC5IPK have purchased the needed gear and incorporated the equipment into our

repeaters. All the work has been done for you. All you have to do is access the systems when you wish to make a call through them.

Ok, everything is in place. The work has been done for you and our systems are up and running, (our 440 system will be up soon). I would suggest that you take a look at the IRLP website at [www.irlp.net](http://www.irlp.net). This is the official website for this system. Here you can go into the technical details, if you wish, of all the equipment and software needed to make the system function. But what will probably be of more interest to you is the link showing all the nodes that are operating all over this country as well as throughout the world. Bring up the website and on the left side of the screen are various choices. Choose "node info". Then choose "List of Nodes and Frequencies". Across the top will be several tabs. Choose "All Nodes". On the all nodes page, you will see a very extensive spread sheet showing all the nodes on the system, by node number. For instance, if you scroll down to my node number 3285 and click on the node number, in blue, you will see the info regarding my node. Across the top of the spread sheet, you will see the columns (node, call, province (state), etc. Let's say you want to sort the list info by city, simply click on "city" and the info will now be sorted by city. Go ahead and explore this website. It has much info that you will find very interesting. (continued on page 7)

Now, you are ready to give it a try. Where would you like to go? Let's say you would like to talk with someone in Dayton, Ohio during Hamvention. Simply access one of the club repeaters, or any of several other systems in the area, identify your self (this is K6LIE accessing IRLP) and touch tone node #4235 (Dayton). You will hear a confirmation in voice that the nodes are connected. Now, when you transmit from Albuquerque, you will be heard in Dayton. It is permissible on IRLP to call a short CQ. Or you can call someone you know to be monitoring. If someone answers you, they will be heard in our area and you will be heard there in Dayton. When you finish talking, or if no one answers your call, simply touch tone "73" to disconnect the nodes and return the systems back to normal repeater function. Remember, when you are out of town, you can work your friends here in our area. If you touch tone node 3285, for instance, you will dump out on our repeater. You can also use a simplex system. Those of us going to Dayton will be on IRLP. We hope to work some of you and also say hi during the May club meeting and give you a report from Hamvention. It really is great fun!



My IRLP computer & link radio-Node 3285

So there you have it. I hope I have given enough info to get you on IRLP. It is just one of so many ways we as Amateur Radio operators can communicate with one another. I hope you give it a try.

## COMMERCIAL ADS

Ad rates are \$20 per year or \$5 per month. Send ads to Jerry Aceto, Editor, 1023 Purple Aster Dr, Bernalillo, NM 87004 or email [jerold45@yahoo.com](mailto:jerold45@yahoo.com)

Help support the HDARC. Donations accepted and are tax deductible!

**WANTED:** New Mexico Amateur Radio Call-sign License Plates, all years. Especially need 1959-1964, inclusive, plus 1976, 1977, 1983, 1984, 1986, 1987, 1989, and 2000. Will buy or trade. Bill Johnston, K5ZI, P.O. Box 640, Organ, NM 88052-0640. Tel. 575-382-7804. e-mail: [K5ZI@arrl.net](mailto:K5ZI@arrl.net)

## SPECIALTY COMMUNICATIONS

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Albuquerque, NM 87123-3324  
(505) 294-6100

Need Antennas, coax, connectors, mobile installations, repair services? Contact Paul Choc, WA5IHL.

In business since 1964, Paul can help you with all your Amateur radio needs.

<http://www.specialty-communications.com>

## **DX NEWS - LARRY ELKIN NY5L**

Propagation changes are a coming!

During April, mornings have shown an increase in European hams being worked by east coast hams, and yes some of us farther west on 40 and 20! Also, check 17 and 15 meters during this time. Some late afternoons 12 and 10 have shown some Caribbean and Central/South America hams coming through.

Late afternoon also has European, JA's, VK's, ZL's and Oceania hams appearing into the late night on 40 and surprise, 20! After dark there have been loads of Russian and central European hams being worked from all over North America.

The daily Sunspot number rose to a new high for cycle 24 by hitting 153. In July 2005, we hit 149 as the highest sunspot number. Of course the count started to drop after the 153, but the average sunspot number is increasing (finally). Solar flux and other propagation numbers are still on a roller coaster. The main point is the average sunspot number is over 93 and on a rise.

Keep listening carefully and tune slowly!

73, Larry

## **HDARC CALENDAR OF EVENTS FOR MAY 2011**

**Coffee - Every Wednesday, 2 PM at the Flying Star in Corrales**

**Breakfast –Every Thursday morning at 8 AM at the Flying Star in Corrales**

**Lunch of the Month –Saturday at noon at the [Pueblo Harvest Cafe](#) in the Indian Pueblo Cultural Center.**

**Club Net –Every Wednesday evening on 145.37 at 7:30 PM.**

**Club meeting –Saturday, May 21 at noon at the West Albuquerque Police Station on Ellison across from Cebola High School. Program on Classic Ham Equipment presented by Secretary Chuck Palmer, NM5F. VE testing before every meeting at 10:30 AM.**

**Club Breakfast –Saturday, May 28 at 9:00 AM at the Thur Shan Buffet in the Sandia Casino.**

**Club Members and their Families are always welcome at all club meetings and events.**

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## **CLUB MEMBERSHIP SERVICES**

**MEMBER TRANSPORTATION** –Need a ride to club meetings or other club activities? Call Jerry Aceto, K6LIE at 771-1323 or Larry Elkin, NY5L, at 771 0391. We will arrange transportation for you from your home to club activities.

**MENTORING SERVICES** –If you are a new ham, or are interested in becoming a ham, or just have a question, we offer various services to help you along. Check out our website at [www.nm5hd.com](http://www.nm5hd.com) and click on the “Mentors, Education, VE testing” link. Here, you will find whom to contact for help with all your questions on various subjects.

**LICENSE CLASSES AND TESTING** –If you are interested in becoming an Amateur Radio operator, or want to upgrade your license, contact Marty Soffran, NM5MS, at 410-3992 or Fred Lete, KC5IPK at 892-0380. We provide VE testing before our club meetings and also will be doing classes from time to time.