



# HDARC NEWS



**THIS EDITION OF THE HDARC NEWSLETTER COMING TO YOU FROM LYNNWOOD, WASHINGTON.**

**October 2009**  
**Jerry Aceto – K6LIE, Editor**  
 jaceto@q.com  
 505 771-1323

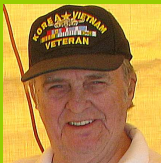
## PRESIDENT'S MESSAGE

**Frank Warren AB5WJ**

**Ab5wj@arrl.net**

**WEBSITE: <http://www.nm5hd.com>**

### Officers



Frank Warren AB5WJ  
 President



Larry Elkin NY5L  
 Vice President



Kathey Meland WB6JAN  
 Secretary



Patricia Nekoranec, KE5MJK  
 Treasure

### BOARD OF DIRECTORS

Jim Hunter KE5IPR

Fred Lete KC5IPK

Marie Swigert KE5JIV

Duane Schneider K5DLS

\*Happy autumn to all members. The weather has been great and nice cool nights sure make sleeping nice. With the fall in New Mexico comes the State Fair which has now ended. And the next operation to set itself upon us is the Albuquerque International Balloon Fiesta which starts on October 3<sup>rd</sup>. HDARC will once again participate on a daily basis until it ends on the 11<sup>th</sup> of October. We will be located just inside the North gate of the Balloon field and just a bit south of the gate on the inside of the field. We will be operating from 8 am (MDST) until 5 pm daily. We are running two shifts from 5am (yup early as if you don't get there that early you cannot fight the traffic to get in) to 12 and 12 – 5pm. Those that will operate on the early shift should be prepared for some cold weather in the early morning as we are high altitude and it gets cold prior to the sun coming up. We are hoping for some better propagation than we had last year. We will be operating on 15, 20 and 40 meters this year again and I expect that we will be mostly on 20 and 40. 21.280, 14.260, and 7.260 MHZ is our frequencies that we listed. Our call sign will be N5B for this years event. Hope to talk to many amateurs on the air and meet and shake hands with those who stop by our location and sign our guest book.

\*Our Christmas party has been planned and the location will be the same as last year at the Alegria location. It has been booked for December 5<sup>th</sup> and more information will be forthcoming as it gets closer. We had a great party last year, lots of good food from the pot

luck and lots left over too.

\*I gave a class for the Albuquerque CERT, and we had 14 attend for Technician. All 14 passed their Technician exam and two upgraded also to General in the same session. We had one walk in who passed her Technician and one who became an extra. Congratulations to them all.

\*One of our members is in rehab after suffering a broken leg while working on an antenna. Willie Williams W5WIW who relocated to Colorado but retained his membership with HDARC is living in Eaton Co. I talked to him and he is doing well but rehab will be about 2 months, You can e-mail Willie at [wiwillie36@gmail.com](mailto:wiwillie36@gmail.com). He would be glad to hear from club members.

\*Enjoy the autumn weather and if you have to travel , please do it safely..

73 to you all

Frank Warren Sr AB5WJ



**TELL YOUR FRIENDS ABOUT THE HDARC !!**

## HIGH DESERT AMATEUR RADIO CLUB CONTACT LIST

### **PRESIDENT**

Frank Warren Sr. AB5WJ  
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[ny5l@arrl.net](mailto:ny5l@arrl.net)

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[ke5ipr@arrl.net](mailto:ke5ipr@arrl.net)

### **MEMBERSHIP CHAIRMAN**

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### **NEWSLETTER EDITOR / PIO**

Jerry Aceto K6LIE  
505 771-1323  
[jaceto@q.com](mailto:jaceto@q.com)



## Apology from the President

In the May 2006 issue of the HDARC news letter, an article titled “Fuzzy Logic” was printed for the information of our members. This particular article was extracted from the web and printed in its entirety. I fell through the cracks of proper journalism as we did not get the proper permission to republish it nor did we give the proper credits to the two authors of this article. This is an apology to Dr Murray Greenman ZL1BPU and Mr Gary Bold ZL1AN for this error. It was made in error and the issue and the article has been withdrawn from the HDARC web site.

Franklin A Warren Sr AB5WJ  
President HDARC of NM, Inc.



## SECRETARY/TREASUR REPORT

### **HIGH DESERT AMATEUR RADIO CLUB MINUTES**

**September 19, 2009**

The Club meeting was called to order by President Frank Warren AB5WJ at 12:01 PM, with member introductions. There were 16 people in attendance. Our guest was Bob KD4HCR, who will be filming many of our upcoming activities for a 60 minute National Geographic program on amateur radio. He is filming other clubs as well, and will be at the Balloon Fiesta Special Events Station with us.

There was a presentation by Michael Stuart K5KM on Lightning Protection and Grounding, which included information about lightning and electromagnetic pulses and their effects, and safety measures amateur radio operators can take against them.

#### **OFFICERS' REPORTS**

Frank welcomed everyone, and discussed the points covered at the recent Board of Directors and Officers' meeting held on September 11<sup>th</sup>. He said that Bill Warshauer K5BNW has resigned his position on the Board, and that there is need for another person to take his place.

The Vice President's Report was given by Larry Elkin NY5L. He mentioned the need for newer members to help with Club work, and that he would be discussing DX communications at the October Club meeting.

The Secretary's Report is in the form of the previous meeting's minutes, which are accessible in the monthly newsletter. Kathey Meland WB6JAN reported that, but brought an extra copy of the May minutes for anyone to read.

The Treasurer's Report was given by Membership Chair Kennie Warren W5KLW, in place of Treasurer Pat Nekoranec KE5MJK.

Kennie reported that the Club now has 71 members.

## OLD BUSINESS

Jim Hunter NM5JH reported that the proposed Club Constitution and By Laws passed the membership election by the required 2/3 majority, with 54 ayes and 0 nays. The entire texts of these documents will be posted on the Club web site.

Frank announced that this year's ARRL Field Day was successful in the new location.

## NEW BUSINESS

Frank announced that our Balloon Fiesta Station set up will take place Thursday October 1<sup>st</sup> at 11:00 AM. Lunch will be provided by the Club.

He also proposed a change in locations for the Club monthly brunch from The Golden Corral to Sandia Casino Buffet. A tryout will be done in October, on the fourth Saturday, October 24<sup>th</sup>. He volunteered to email the membership regarding this proposed change and tryout, with the final decision to be made at the November 21<sup>st</sup> meeting.

He also announced that the Club Holiday party will be held Saturday December 5<sup>th</sup> at the Clubhouse at Alegria in Bernalillo, same as last year. Set up will be at 5:00 and the party will begin at 6:00.

Bill Firth KE5TOB was nominated by Larry to fill in the Board of Directors vacancy left by Bill Warshauer. Bill Firth said he would consider whether or not he could take the position. Jerry Aceto K6LIE volunteered to take the position also.

Chuck Palmer NM5F suggested we invest in a large banner that would read simply HAM RADIO or AMATEUR RADIO, to attract public attention to our events. Fred Lete KC5IPK motioned that Chuck contact a banner maker with a Club spending allowance of \$100.00 to place an order. Members voted in favor of that by show of hands.

Frank mentioned that Willie Williams W5WIW had broken his leg when falling off a ladder, and that he will be indisposed for a long period of time.

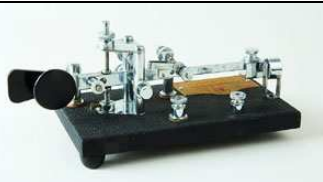
Kennie asked the membership to approve funds for her to mail the Newsletter and other materials to those members who do not own a computer. There are four. Jerry volunteered to handle that responsibility.

Kathey announced that the antenna party team needs more members to help out.

Frank announced that he will be teaching a Tech level class on September 25<sup>th</sup> through the 27<sup>th</sup> at the County building on 2<sup>nd</sup> Avenue.

This meeting was adjourned at 2:10 PM by President Frank Warren.

Respectfully submitted by  
Kathy Meland, WB6JAN  
Secretary



## **HDARC SILENT KEYS**

**“Lest WE Forget”**

**Vern Thackery W5CSY**

**Clifford (Cliff) Tingley KD5ANU**

**Joseph (Joe) Boyd KC5GPY**

**Bruce Alan Mattison W5NTM (N5CFO)**

**Robert Barrow KD5ZPS**

**Robert Swigert – Past President – HDARC – K0RGS**

**Ben Joseph “Joe” Murdock W5IN**



## A NOTE FROM YOUR NEWSLETTER EDITOR

Hi Everyone,

I am in Lynnwood, Washington (about 20 miles north of Seattle) as I write this months newsletter, visiting family, friends and Grandkids! Having a great time.

If you were not at our September meeting, you missed a very informative program on protecting your station (and yourself) against lightning strikes using proper grounding techniques. The program was given by John Stuart K5KM. The club thanks John for a very interesting program.

The program for the October meeting will be on working DX, given by our Vice President, Larry Elkin NM5L. Larry will talk about how to snag those rare ones and how to get a QSL card out of the DX stations that you work. I'm sure Larry will present a great program.

The club is considering the buffet at the Sandia Casino for our monthly breakfast social. Watch for a notice via e-mail in the near future regarding this change. We will probably give it a try to see what the members would like to do. Last month, a few of us had breakfast at the buffet and found it to be pretty good.

Hope to see everyone at the October meeting!

73

Jerry Aceto – K6LIE

Editor – HDARC Newsletter

[jaceto@q.com](mailto:jaceto@q.com)

771-1323



## GET WELL SOON, WILLIE!!

Willie Williams W5WIW suffered a broken leg while working on an antenna. He is living in Colorado but maintains his membership with the HDARC.

Willie, get well soon. All our club members wish you and Jeri the very best and hope you have a speedy recovery! All the best from the HDARC!!



## BALLOON FIESTA SPECIAL EVENTS STATION N5B

The HDARC will again be hosting a special events station at the Albuquerque Balloon Festival. The call of our Special Events station this year will be N5B. Everyone in the club is invited to come down to the station on site and operate during the festival. Members from other area clubs are also invited to operate. See the presidents letter for more info. Also, if you would like to schedule some operating time, contact Kathey Meland WB6JAN at [wb6jan@arrl.net](mailto:wb6jan@arrl.net) . The station will be operating during the entire event, October 3<sup>rd</sup> through October 11<sup>th</sup>.



## AMATEUR RADIO PUBLIC SERVICE EVENTS FOR OCTOBER

We are down to one remaining event for the season -- the Duke City Marathon on October 18. This is a large scale event requiring substantial communications resources. I do not yet have the volunteer turnout I need, so please help with this event if you can. We have a long history of supporting the DCM.

Barring any unexpected developments, this will be my final e-mailed events listing until the event season begins to heat up again, probably next spring. I will be quiet for a few months.

Thanks to everyone for your interest in public service and your assistance with events during the year.

73, Ed Ricco N5LI



## HDARC WOMEN'S LUNCHEON

Gentlemen, please pass this message onto your spouses or female friends or relatives:

The Women's group will be meeting on Friday, October 9<sup>th</sup>, 12:00 pm at the Pasta House on Southern in Rio Rancho. All ladies are welcome whether they are associated with High Desert Radio Club or not. We hope all can attend. Three times a year the luncheon will be held on a Saturday for those who are still working, the rest will be on a Friday. Bring projects to show, books to recommend or loan out, or pictures of activities, vacations, etc. that you wish to share or whatever you wish to bring to share.

If you wish to attend, please contact Kennie Warren at [kenniewarren@earthlink.net](mailto:kenniewarren@earthlink.net) so that you can be included in the reservations. We have had a wonderful time since this group has started and it seems to have a healing effect on all.

Kennie Warren W5KLW

962-9212 or 331-2157



## SOUTH AFRICAN AMATEUR PAYLOAD REACHES ORBIT

From ARRL Headquarters  
Newington, CT September 18, 2009  
To all radio amateurs

SB SPACE ARL ARLS007  
ARLS007 South African Amateur Radio Payload Reaches Orbit

After several delays, South Africa's SumbandilaSat satellite finally blasted to orbit aboard a Soyuz rocket from the Baikonur Cosmodrome in Kazakhstan on September 16. The main payload is a multi-spectral imager, but the satellite also carries an Amateur Radio component consisting of a 2 meter/70 cm FM repeater.

After SumbandilaSat is fully commissioned, the repeater will be

activated with an uplink at 145.880 MHz and a downlink at 435.350 MHz; there will also be a voice beacon at 435.300 MHz. The transponder mode will be controlled by a CTCSS tone on the uplink frequency. The CTCSS tone frequencies have yet to be announced.

SumbandilaSat was sponsored by with the the Department of Science and Technology and was built at SunSpace in cooperation Stellenbosch University.

In addition to the SA-AMSAT amateur module, the satellite carries Stellenbosch University's radiation experiment and software defined radio (SDR) project, an experiment from Nelson Mandela Metropolitan University and a VLF radio module from the University of KwaZulu-Natal



## **FEMA WORKSHOP**

A one day FEMA Workshop class is being offered at the Bernalillo County Communications Center, 10401 Holly NE (Paseo del Norte at Eubank), Albuquerque, on October 19, 2009. This is the first time this workshop has been offered in New Mexico. This is also one of the required FEMA Advanced Professional Series classes.

The course discusses how communities can develop plans and procedures for rapidly and efficiently collecting disaster intelligence immediately following a disaster. This is the information needed to prioritize response activities, allocate available resources, and identify needs so you can request specific resources from other sources to save and sustain lives.

The course is designed for planners, building inspectors, public works, emergency managers, volunteer agencies active in disasters, government administrative and others with a role in disaster response but anyone with an interest may attend. This is the one class all Engineering and Building Inspection staff tasked for our Damage Assessment Teams (DATs) and the Financial Services staff who are responsible for oversight of DATs should attend.

Prerequisites to attend as always: IS-100 and IS-700.

You may register directly on line at [www.nmdhsem.org](http://www.nmdhsem.org) by clicking "training" then "registration" or obtain the State Training Application Form from me. There is no cost to attend and DHSEM will reimburse attendees mileage for use of their POV.

Please call me if you have questions or need additional information.

**Rick Bassi, CEM**  
**Emergency Programs Manager**  
**505-891-5855**



## SCHEDULE OF CLUB EVENTS

### **Club Meeting**

**3<sup>rd</sup> Saturday of the month at noon. Location of meeting is the Albuquerque Police NW Command – 4051 Ellison Ave NW (across from Cibola High School).**

### **Breakfast Social**

**4th Saturday of every month at 9:00 AM.  
At the Golden Corral on Alameda.**

### **Coffee at Flying Star**

**Every Wednesday-2:00 PM on Corrales Rd across the street from The Sunflower Market Shopping Center at Hwy 528 and Corrales Rd.**

### **Breakfast at Flying Star**

**Every Thursday morning at 8:00 AM on Corrales Rd across the street from The Sunflower Market Shopping Center at Hwy 528 and Corrales Rd.**

### **HDARC NET**

**Thursday nights at 8:00 PM on 145.330 Mhz (100 Hz PL).**

**Jim Hunter (KE5IPR) Net Control Coordinator.**



## **DX News**

Larry Elkin NY5L – Vice President

### **DX'g and Propagation**

Well, some new sunspot activity was observed around the 20<sup>th</sup> of September. There were no indications, as of yet that the new cycle has really started in earnest; only time will tell! Magnetic indices have generally been in the mid range, not really providing any improvement, or overly noisy conditions. 15 meters and above propagation has been observed to be generally none existent. 20 meters to outside North America becomes somewhat alive in late afternoon to around sunset. 40 meters comes alive also in the late afternoon but continues later into the evening to primarily Europe. In mid-September, there was a “worked all Europe” contest. Many German and central European amateurs were heard working state-side amateurs. I was primarily looking for some rarer DX countries and had a contact with a Luxemburg station—it took about 8 tries and ten minutes to penetrate the pile-up before we had the QSO.

I will be giving a presentation on DX'g for the October club meeting. Topics to be reviewed will include how to use the incoming and outgoing “buro's” to reduce mailing costs; propagation, how to work pile-ups, and other issues faced by DX'ers. If you have some DX subject you want to have discussed, please email me your request to: [NY5L@ARRL.org](mailto:NY5L@ARRL.org)

We hope you have volunteered to operate the club's special event station “N5B” during the Albuquerque International Balloon Fiesta. DX'g isn't the primary motive for the special event station but, you never know when some freaky propagation can lead to a pile-up directed to your operation of the station. It can be a good source of practical experience to hone your HF operating skills just by working North American amateurs.

**See you at the Balloon Fiesta!**

**Larry NY5L**



## INFORMATION FROM OUR MEMBERS

### **PLEASE KEEP IN MIND THE TWO REPEATERS THAT ARE AVAILABLE FOR CLUB USE (NOTE SOME ADDITIONAL INFO).**

Fred Lete (KC5IPK) would like to let our members know that our club is welcome to use his repeater. **It is now located high above Albuquerque on Sandia Crest.** This makes Freds repeater a wide area coverage repeater with excellent coverage of the central New Mexico area. The frequency is 442.750 Mhz with a PL of 162.2 hertz. If you would like more info on his system, you may call him at 892-0380 or on his cell phone at 261-7464.

Also, the 224.480 Mhz repeater is up and operating from Rio Rancho, affording very good coverage of the greater Albuquerque area. **My system now has IRLP (the Internet Radio Linking Project) linked to it for all of you to use and enjoy.**

**I have added the Amateur Radio Newslines broadcast to the system every Monday evening at 8:30 PM local time.**

If you have any questions regarding this system, contact Jerry – K6LIE at 771-1323.

**Please consider supporting the club use of these systems that are available to all of you. They constitute much work and personal expense in setting up and maintaining them and are provided simply for the love of our hobby. It would be great to see our net or other activity on these systems. I think I can speak for Fred and certainly for myself when I say that the club truly has two very useful repeaters to use and enjoy.**

**HIGH DESERT AMATEUR RADIO CLUB OF NEW MEXICO**

It shall be our purpose to further the exchange of information and cooperation between members, to promote radio knowledge, fraternalism and individual operating efficiency, and to so conduct club programs and activities as to advance the general interest and welfare of Amateur Radio in the community.

**CALENDAR OF ACTIVITIES FOR UPCOMING MONTH**

**October 2009**

**Saturday, October 17  
CLUB MEETING at the  
Albq Police Station –  
4051 Ellison Ave NW  
(across from  
Cibola High School) at  
noon.**

**Saturday, October 24  
BREAKFAST SOCIAL  
at 9 am at the Golden  
Corral on Alameda.**

**Every Wednesday at  
2:00pm NMHDARC  
Coffee At The Flying  
Star at Hwy 528 &  
Corrales Rd across  
the street from  
Sunflower Market**

**Every Thursday at 8  
am NMHDARC  
Breakfast at The  
Flying Star at Hwy 528  
& Corrales Rd across  
the street from  
Sunflower Market**

**Club net on Thursday  
nights at 8:00 PM on  
145.33 with 100 Hz PL.**

**NET CONTROL**

- **NET CONTROL SCHEDULE**  
HDARC HAS A DIRECTED NET THAT OCCURS EVERY THURSDAY AT 8:00PM ON 145.330 WITH 100 HZ PL.

If you are interested in being a Net Control Operator, please contact Jim Hunter, KE5IPR our net control coordinator to sign up. We have several openings in January and February. Jim can be reached via e-mail at [hunterabq@comcast.net](mailto:hunterabq@comcast.net), or by phone at **505 897-2939**.

[The list of Net Control operators for October:](#)

<b>October 1</b>	<b>Kathy Meland WB6JAN</b>
<b>October 8</b>	<b>Bill Firth KB5TOB</b>
<b>October 15</b>	<b>Frank Warren AB5WJ</b>
<b>October 22</b>	<b>Open</b>
<b>October 29</b>	<b>Jim Hunter NM5JH</b>

If you do not have the radio capabilities to be net control but would like to do so anyway, please contact Frank & Kennie Warren at [ab5wj@arrl.net](mailto:ab5wj@arrl.net). You are welcome to use their radios at their home and take net control. This is great practice for talking on the radio. Just make sure they are going to be home. Frank teaches a lot of courses and sometimes we're not available.

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**[DON'T FORGET-CLUB MEETING SATURDAY,  
OCTOBER 17<sup>TH</sup> AT NOON](#)**

**[PROGRAM ON DX'ING PRESENTED BY VICE  
PRESIDENT LARRY ELKIN - NY5L](#)**

**[SIGN UP TO OPERATE OUR SPECIAL EVENTS  
STATION N5B DURING BALLOON FESTIVAL](#)**



## OTHER NEW MEXICO AMATEUR RADIO CLUBS

### AMATEUR RADIO CARAVAN CLUB

- They own and operate a repeater site on Sandia Crest in Albuquerque, NM, W5CSY which has 2 meter on 145.33 Mhz, and 70cm. on 444.0 Mhz. Both repeaters require a 100 Hz PL tone. They meet on the second Friday of each month from October through May at 7:00pm at Height Cumberland Presbyterian Church 8600 Academy Rd. in Albuquerque.
- The Club holds a Net each Sunday evening at 9pm local time on 145.33 and 444.0 Mhz for purpose of holding club business, passing traffic , making announcements of interest to Hams and just getting to know each other.
- Contact: Haska KC6BBP, 288-8358

### ALBUQUERQUE DX ASSOCIATION

- ADXA holds their regular meeting on the last Wednesday of every month. They meet at JB's Restaurant on Eubank & I-40 next to the Owl Cafe.
- All Hams are welcome. The members start gathering about 6pm and the business/program starts at 7pm
- The call sign W5UR is issued to the ABQ DX Association. The call sign honors one of ASXA's founding members.
- Website: <http://www.qsl.net/adxa/index.html> or Contact: Kermit KB5HA, 884-3554

### ANTIQUA RADIO CLUB

- Meets on the Second Sunday of each month at 1pm in the parking lot at the Anna Kaseman Hospital.
- If interested, come join us.

### ALBUQUERQUE AMATEUR RADIO CLUB

- The club meets at 7:30 am on the first Saturday of the month at JB's Restaurant at 15 Hotel Circle.
- Contact Michael K5ATM, 296-3455

### NEW MEXICO WEAK SIGNAL GROUP

- Meets on air on various bands on Sunday, Monday, Tuesday and Wednesday for the promotion of and general utilization of the VHF & UHF bands.
- Contact Bob N5XZM, 298-8478 for times & frequencies

### QUARTER CENTURY WIRELESS ASSOCIATION

- This club is made up of hams who were licensed at least 25 years ago.
- They meet Quarterly at Shoney's Restaurant at Louisiana & Menaul Blvd. NE at 1pm. Contact Warren W5UZU 298-7097

### UPPER RIO FM SOCIETY, INC.

- The members meet quarterly at 7:30 on the second Tuesday of January, April, July and October at the Immanuel Presbyterian Church, 114 Carlisle SE.
- The Upper Rio FM Society is a technical club with extensive repeater coverage in New Mexico and extending into Colorado and Arizona.
- Repeaters: 146.640, 146.860, 146.900 with -67 tone, 146.940 with -100 tone, 146.960 with -100 tone, 147.060 with +67 tone, 147.080 with +67 tone, 444.525 with +67 tone, 449.550 with -71.9 tone, 449.800 with -67 tone, and 449.825 with -67 tone. WEBSITE: [www.urfmi.org](http://www.urfmi.org)