



NM5HD

WEEKLY NEWSLETTER
FOR THE
HIGH DESERT AMATEUR RADIO CLUB OF NEW
MEXICO INC.

"Celebrating 20 years of service to the Amateur Radio Community and the General Public
as a non profit 501 (c)(3) charitable organization"

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Introduction from the President

Greetings,

Thank you for your understanding this week about the delay of the publishing of this newsletter. Thank you to those members who have reached out to me. We will be back on a normal schedule next week.

The HDARC Saturday Chat Shack Net Incentive Program began on November 2, 2024. We still need members to volunteer to be a net controller. Complete details in the newsletter.

The Club Holiday Party and 20 year Celebration is scheduled for Saturday December 14, 2024. Please RSVP me at hdarcpres@gmail.com if you plan to attend. I just need to have an idea of the numbers for attendance. Complete details in the newsletter.

We are finalizing the details on two workshops that will be offered during the beginning of 2025. Complete details are in the newsletter.

The club's Test Equipment Loaner Program is now launched. In the email that contained this newsletter is another attachment that contains the program outline and the process for checking out equipment.

I have added a section advocating for members to join the ARRL. Members that are already ARRL members know the importance of joining the ARRL. Their website is rich in content and their advocacy for HAMS is unmatched. Please consider joining.

That's all I have for this week. I hope to hear from you on the net this Saturday @ 1000 hours on the Mega Link. We are entering the busy holiday season. The New Year is only 63 days away. Be safe and enjoy your friends and family.

73 Mike KI5NBP

Club Repeaters and Simplex Frequencies

The Club has Two Repeaters, 442.750+ PL 162.2 on Sandia Crest and 145.370 - PL 162.2 in Edgewood. The Club uses two Simplex frequencies, 146.460 and 446.025

Join the FUN, join the Club

Are you aware that the HDARC is one of the most active Amateur Radio Clubs in New Mexico? Well, it is! Read on and find out! Tell a friend! www.nm5hd.org

To become a club member go to www.nm5hd.org and click on the "become a member" tab to join the ever growing group of the coolest Hams in New Mexico, you'll be glad you did!

Join the ARRL



The American Radio Relay League, the ARRL, a non-profit organization, is the largest membership association of amateur radio enthusiasts in the United States. The ARRL represents the interests of amateur radio operators before federal regulatory bodies, the ARRL provides technical advice and assistance to amateur radio enthusiasts, it also supports a number of educational programs and sponsors emergency communications service throughout the country. The HDARC is an ARRL Affiliated Club and a ARRL Special Service Club. We encourage you to join. Click on this link:

<https://www.arrl.org/membership>

Saturday CHAT SHACK NET Incentive Program

This program has been developed to promote members to participate in the Saturday Chat Shack Net and develop net controller skills. This past Saturday was the launch of the 4 month Challenge. The membership approved this incentive program for members who check in and members who volunteer to take on the role of net controller on various Saturdays. Here is the rooster by callsign of those members who checked in to the net on Saturday November 2, 2024.

N6TYT	KJ5IMX*	NS7X	KI5QKC	KF5MFR	N6SIK
NM5MC	A5GUY	KI5NP	*New Member and First Contact		

The net controller was K5JVG. Any member in good standing who checks into the Saturday Net will receive a ticket with their call sign attached. When you check in starting in November 2024 indicate that you are a member, clearly give you callsign using phonics. The net controller will submit their log sheet to the President who will verify and assign tickets. Those who chose to volunteer to be net controller and complete that assignment for that given Saturday will receive 5 tickets with their call sign attached. A member can be a net controller once per month. Net controllers will be assigned on a first come first serve basis.

If you wish to be net control for the Saturday Chat Shack Net between November 2024 and February 2025 send an email to hdarcpres@gmail.com. The grand prize is a \$300.00 gift certificate to HRO (Ham Radio Outlet). If you volunteer to be a net controller and it is your first time, you will be assigned a club net controller mentor to prepare you for running the net if you request it. We have our first volunteer for Net Control this coming Saturday. At every monthly club meeting between now and February 2025, members who participated can obtain a n envelope with the tickets they earned to date.

Saturday CHAT SHACK NET/MegaLink

The Saturday 10am CHAT SHACK NET will use the 444.325 + PL 100 and the 145.290 - PL100 on Sandia Crest in order to access the MegaLink system.

NM5HD Net Controllers :

1st Saturday, John Gleeson, K5JVG

2nd Saturday, OPEN . We need volunteers.

3rd Saturday, Club Meeting. No net

4th Saturday, Open for a Volunteer

5th Saturday, (when needed) Open for a volunteer.

The net controller for this Saturday is Cynthia KJ5FMW. You can reach this Net from any part of NM because of its design. You just need to be on the right frequency, offset, and PL tone for the local repeater closest to your location at the day and time of the net. I use a HT and have checked in from different parts of the state with minimal issues. For current mega link frequency information go to www.nm5ml.com. If you're having issues programming your radio email hdarcpres@gmail.com. You will be directed to someone in the club that can help you.

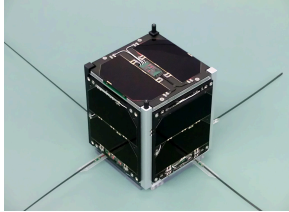
Please [click here](#) to see the operational status of NM5ML Mega Link Repeaters.

DMR- Getting on the Air Workshop- NEW

Our December 2024 Meeting Presentation will be conducted by John Betz II - K5YIF. The topic will be a 50 minute primer to DMR radio. John has agreed to conduct a 3-4 HOUR workshop on a Saturday in February 2025 that will get an operator and the DMR radio on the air. We are currently scheduling a room for the workshop. In the meantime, if you are interested in attending this workshop, send me a quick email stating such at hdarcpres@gmail.com.

HDARC Space/Satellite Communications Program - UPDATE

The club will be hosting a Beginners HAM Radio Satellite Communication Workshop to be given by Ed Poccia, KC2LM . I am in the process of scheduling a Saturday for this 3-4 hour workshop. If you are interested in attending a workshop on this topic please send an email to hdarcpres@gmail.org expressing your interest to attend.



Click on this link to access an article from “The Radio Amateur Satellite Corporation (AMSAT)” to learn more about this topic:

https://www.amsat.org/wordpress/wp-content/uploads/2023/06/For_Beginners_Compilation.pdf

HDARC Holiday Dinner and 20 year celebration -Update

Saturday December 14, 2024 is our annual HDARC Club Holiday Dinner. Save the date. We will also be acknowledging 20 years as a club. We will be having the holiday/celebration dinner at Rudy’s Country Store and BBQ at 10136 Coors Blvd NW in Albuquerque NM. Members and their guests will be responsible for getting their own food and then joining us in the enclosed and heated patio area. We will be giving away HDARC swag and prizes in honor of this milestone. If you plan to attend please RSVP at hdarcpres@gmail.org. I need just a number of who is attending to ensure we save enough space. To this point I have only received 2 RSVPs.

Test Equipment Loaner Program for Members

HDARC Director Harvey Dove KI5YVY is the lead for this program. *We have attached in the email you received this newsletter a copy of the Equipment Loaner Program that contains how to contact Harvey if you wish to borrow any of the test equipment. We will also post the program outline and how to contact Harvey on the Club website.*

The current inventory of loaner test equipment includes:

- MFJ -263 Dummy Loads
- MFJ - 802B Field Strength Meter
- RigExpert AA-650ZOOM Antenna Analyzer



We **CURRENTLY** have two donated pieces of test equipment; A ZeenKo, NanoVNA-H 4 Handheld Vector Network Analyzer and a Fluke Multimeter. Please consider if you have a piece of gently used and functional test equipment you can donate for this program. The next purchase of test equipment for the program will include RF noise detectors (MFJ 805).

HDARC East Mountain Group

Thursday November 15, 2024: East Mountain Group Luncheon.

11:30AM Little Mama's Restaurant (Formerly Katrinas) 505-281-4050

150 NM-344 Edgewood, NM 87015

This is a casual get together. All past, present and future ham operators are welcome !

DCHF 2025 -Call for Leadership Volunteers

The DCHF BOD is seeking motivated individuals who would be willing to serve on the Board and help with the planning and hosting of the DCHF. The commitment is roughly one meeting a month during most of the year, and then an increased meeting cadence in the couple of months leading up to the event. Interested candidates should be a team player, self-motivated and capable of completing tasks between meetings.

**The DCHF Annual Meeting will be held on Saturday, November 23rd at 2pm at the Hub (just east of Truman/Gibson:
<https://maps.app.goo.gl/vgMTDZDgPWDSX4p49>.**

The meeting is open to the public, although we ask anyone interested in standing for a position on the Board to let us know in advance.

If people have questions, they can reach out to any of this year's Board of Directors (<https://www.dukecityhamfest.org/contacts/>).

From the “Elmer”

Welcome to Time Zone Tango!

Did you know that there are 38 different time zones in the world? That includes the 24 basic time zones that circumscribe the Earth, and the handful of time zones some countries have chosen to use within their own borders. If you're talking on your two meter radio, and tell a ham buddy, "I'll meet you at 2", it's pretty obvious you are using local time. But if you're sending an e-mail out nationally to announce a Zoom meeting, you best be qualifying the time. "We'll be meeting at 2 PM Mountain time." We've just changed our time zone from Mountain Daylight Time (MDT) to Mountain Standard time (MST). Many countries around the world also switch from standard to daylight time during the year, but the dates they make the change are different than the days the US uses. Just to make things even more fun, keep in mind that there are 38 different time zones around the globe. Trying to figure out time differences can get pretty confusing in a hurry. This is why hams use Coordinated Universal Time also known as UTC. UTC is not a time zone, it is a standardized method to keep track of time. In other words, everyone throughout the world who use UTC are on the same clock. Unlike time zones, UTC never changes, except for an occasional addition of a leap second. A week ago, before we switched to standard time, we were 6 hours behind UTC. That is, when our clock read 6 PM, it was midnight (0000) UTC. Since we "fell back" an hour, we are now 7 hours behind UTC. Oftentimes you'll hear hams refer to UTC as "zulu." This is because the US military has named the 24 primary time zones using the

phonetic alphabet. Zulu happens to be the UTC time slot. Since we're now 7 hours behind zulu (or UTC -7), we're in time zone tango. At least we will be until next spring when we get switched, again.

73 MaryAnn NS7X

Elmer MaryAnn has prepared several tutoring kits for new hams. These kits will be on display this coming Saturday for review during the meeting. Thank you MaryAnn. If you know of someone wanting to become a ham or if you wish to upgrade, MaryAnn NS7X can be contacted through ns7x@arrl.net

ELMERS are defined as an experienced operator who takes someone under his or her wing, providing personal guidance and answers to the thousands of questions that confront a newbie. In our case it would include those wanting to upgrade.

The New HAM 10 (or so) Minute Tutorial

What is Amateur Radio Transmitter Fox Hunting ?

Let's learn more about this. Click on the links below:

<https://youtu.be/PN-c5DQFuhl?si=loXbn-ruz2usZhBg>

HDARC Member Name Badges/Hats/Shirts



I have been asked by members how to purchase a HDARC Membership Badge. [Click Here](#) to be directed to our vendor's web store.



HDARC Shirts,hats,and other Club gear can be ordered from Rio Rancho T-Shirts, 1207 Golf Course Rd SE Ste F, Rio Rancho, NM 87124. Speak with Wayne or Penny at: (505) 891-1521



Club Calendar - November - December 2024 SAVE THE DATES **UPDATED**

November 2024

Saturday November 9, 2024 10:00 AM: HDARC NM5HD STATEWIDE CHAT SHACK NET on the MEGA Link NM5ML. net controller will be Cynthia KJ5FMW [Click Here](#) for more info.

Wednesday November 13, 2024 Noon: Club ZOOM Lunchtime Chat Room. Click on the link below to enter the virtual room.

<https://us02web.zoom.us/j/82410741347?pwd=kXb9i18t3bc3MATidQmEsJb31DoVnR.1> PIN 737373

Saturday November 16, 2024 10:00 AM: In Person Club Meeting and V.E. Testing.

Presentation: Mike Langer K5MGR : How Ham's started the Broadcast Industry:.

HT Radio Giveaway. V.E. Testing begins at Noon. [Click here](#) for more information

**Location: North Domingo Baca Multigenerational Center Room #4
7521 Carmel NE Albuquerque, NM 87113.**

Live Stream Link: TBA at a later date

Wednesday November 20, 2024 Noon: Club ZOOM Lunchtime Chat Room. Click on the link below to enter the virtual room.

<https://us02web.zoom.us/j/82410741347?pwd=kXb9i18t3bc3MATidQmEsJb31DoVnR.1> PIN 737373

Saturday November 23, 2024 10:00 AM: HDARC NM5HD STATEWIDE CHAT SHACK NET on the MEGA Link NM5ML. Net controller tbd. [Click Here](#) for more info.

Wednesday November 27, 2024 Noon: Club ZOOM Lunchtime Chat Room. Click on the link below to enter the virtual room.

<https://us02web.zoom.us/j/82410741347?pwd=kXb9i18t3bc3MATidQmEsJb31DoVnR.1> PIN 737373

Saturday November 30, 2024 10:00 AM: HDARC NM5HD STATEWIDE CHAT SHACK NET on the MEGA Link NM5ML.
Net controller tbd. [Click Here](#) for more info.

December 2024

Wednesday December 4, 2024 Noon: Club ZOOM Lunchtime Chat Room. Click on the link below to enter the virtual room.

<https://us02web.zoom.us/j/82410741347?pwd=kXb9i18t3bc3MATidQmEsJb31DoVnR.1> PIN 737373

Saturday December 7 , 2024 10:00 AM: HDARC NM5HD STATEWIDE CHAT SHACK NET on the MEGA Link NM5ML.
K5JVG John is our net controller. [Click Here](#) for more info.

Wednesday December 11, 2024 Noon: Club ZOOM Lunchtime Chat Room. Click on the link below to enter the virtual room.

<https://us02web.zoom.us/j/82410741347?pwd=kXb9i18t3bc3MATidQmEsJb31DoVnR.1> PIN 737373

Saturday December 14, 2024 10:00 AM: HDARC NM5HD STATEWIDE CHAT SHACK NET on the MEGA Link NM5ML. net controller TBD . [Click Here](#) for more info.

Saturday December 14, 2024 4:00 PM- 6:00 PM: HDARC Holiday Dinner and 20 Year Celebration. Rudy's Country Store & BBQ 10136 Coors Blvd NW in Albuquerque NM. RSVP hdarcpres@gmail.com

Wednesday December 18, 2024 Noon: Club ZOOM Lunchtime Chat Room. Click on the link below to enter the virtual room. <https://us02web.zoom.us/j/82410741347?pwd=kXb9i18t3bc3MATidQmEsJb31DoVnR.1> PIN 737373

Saturday December 21, 2024 10:00 AM: In Person Club Meeting and V.E. Testing.
Presentation: John Betz II KI5YIF: Intro to Digital Mobile Radio (DMR)
HT Radio Giveaway. V.E. Testing begins at Noon. [Click here](#) for more information
Location: North Domingo Baca Multigenerational Center Room #4
7521 Carmel NE Albuquerque, NM 87113.

Live Stream Link: TBA at a later date

Wednesday December 25, 2024 Noon: Club ZOOM Lunchtime Chat Room. Click on the link below to enter the virtual room.

<https://us02web.zoom.us/j/82410741347?pwd=kXb9i18t3bc3MATidQmEsJb31DoVnR.1> PIN 737373

Saturday December 28, 2024 10:00 AM: HDARC NM5HD STATEWIDE CHAT SHACK NET on the MEGA Link NM5ML.
Net controller tbd. [Click Here](#) for more info.

Wednesday December 30, 2024 Noon: Club ZOOM Lunchtime Chat Room. Click on the link below to enter the virtual room.

<https://us02web.zoom.us/j/82410741347?pwd=kXb9i18t3bc3MATidQmEsJb31DoVnR.1> PIN 737373

V.E. Testing

The Institute of HAM Radio Sciences conducts free V.E. testing session at NOON on the 3rd Saturday, of every month immediately following the Monthly HDARC In-Person Club Meeting in classroom #4 at the North Domingo Baca Multigenerational Center. Look for the link [FREE TESTING](#) on the club web page. Please, pre register on the club web page for testing www.nm5hd.org. For more information contact Yul Bratcher at his email, yul.bratcher@att.net A big 73 to YUL and the V.E. team for volunteering their time and resources. Without them this could not happen.

Congratulations to the following HAMS who passed their exams this past Saturday. We had 3 new technicians and 2 upgrades to General:



Technician:

Steve Coltran

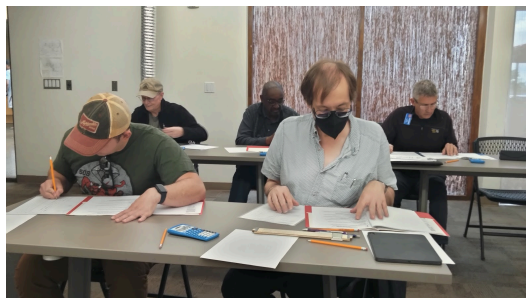
Dwight E. Talley

Richard W. Ramirez

General:

Thomas D. Tarman KC5MRC

Jim Baylor KJ5DMX



Classifieds

Welcome to the classified section. The intent is to give members and other HAMS a place to advertise any HAM related equipment they have for sale. It is also a place for members to list what HAM related equipment they are seeking to buy. There are no new classifieds this week. We will have new items posted next week.

HAM RADIO ETIQUETTE

- adapted from the original Amateur's Code, written by Paul M. Segal, W9EEA, in 1928

The Radio Amateur is:

CONSIDERATE...He/[She] never knowingly operates in such a way as to lessen the pleasure of others.

LOYAL...He/[She] offers loyalty, encouragement and support to other amateurs, local clubs, the IARU Radio Society in his/[her] country, through which Amateur Radio in his/[her] country is represented nationally and internationally.

PROGRESSIVE...He/[She] keeps his/[her] station up to date. It is well-built and efficient. His/[Her] operating practice is above reproach.

FRIENDLY...He/[She] operates slowly and patiently when requested; offers friendly advice and counsel to beginners; kind assistance, cooperation and consideration for the interests of others. These are the marks of the amateur spirit.

BALANCED...Radio is a hobby, never interfering with duties owed to family, job, school or community.

PATRIOTIC...His/[Her] station and skills are always ready for service to country and community.

CONCLUSION

Check the club's website often, there are interesting things being added weekly. www.nm5hd.org

I want to thank the club's COB, Kenneth Ham, AG5UY, for maintaining the website. Thanks Yul, WA5YUL and V.E. team for what they do to provide free testing to the public. Thank you to our Elmer MaryAnn NS7X. Thanks to those of you who provided content for this newsletters.

Feel free to reach out to me anytime at hdarcpres@gmail.com. If you wish to add content to the weekly newsletter the deadline for submission is Monday preceding the Wednesday publication date. *I look forward to hearing from you on the net this Saturday.*

73 Mike

**Michael R. Smith, KI5NBP, President HDARC
The High Desert Amateur Radio Club of New Mexico, Inc.**

