



NM5HD

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

A 501(c)(3) Non Profit Organization

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Introduction from the President

Greetings,

What a great membership meeting we had last Saturday. Thank you to all of you that attended. We recognized club members for their outstanding leadership. You passed revisions to the club by-laws and constitution that will shape and keep the club moving forward in a positive direction. We listened to a great presentation from the Rocky Mountain Ham Club of New Mexico. A big 73 to Brian N5ZGT for spending part of his Saturday with us and representing his club. We had more used equipment to give away to the membership. David N6SIK announced that he is developing a new education program for newly licensed technicians. And sadly we said goodbye to our fellow member and friend the late Wes Jones NM5WJ.

We announced that the leadership has decided to forgo the September 22st General Membership meeting so members are free to attend the 2024 Duke City Hamfest and Convention if they choose.

I know I was really harping on the need for club members to volunteer. The reality is that some of the new club programming will rely on members volunteering to help deploy and manage those programs. The members we have currently volunteering to help run and lead current programs do not have the bandwidth to take on anymore.

These are exciting times. I will announce a few more programming additions in the near future once I get confirmation and dates. We have numerous opportunities for members to learn, engage in

traveling within the state, represent HDARC, explore, and get on the air.

Don't forget to join fellow HAMS on our Wednesday Noon Zoom CHAT room for lively discussions on current events in Amateur Radio.

The link to access the chatroom is

<https://us02web.zoom.us/j/81747392564?pwd=W3vSa9XrFJdzQQrlqDFZu6yaP8nWir.1> If you are asked to enter a pin/passcode it is **737373**.

Previous links will not work correctly.

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!



HDARC NM5HD Distinguished Service Awards

At this past Saturday's membership meeting the NM5HD Distinguished Service Award was presented to the following members for recognition of outstanding service, dedication, and loyalty to Amateur Radio and NM5HD - The High Desert Amateur Radio Club of New Mexico, Inc. The recipients are:

**David Ham N6SIK
HDARC President
2020 - 2024**

**Ken Ham AG5UY
HDARC Vice-President
2020-2024**

**Becky Ham N6TYT
HDARC SECRETARY
2021-2024**

**Thomas Siph NM5TS
HDARC TREASURER
2021-2024**

Their efforts and selflessness during their term of service as officers was instrumental and key to our existence as an organization today. Thank you for your continued support and efforts in leadership as we move forward.

Invite to 2024 [Spaceport America](#) Open House

Yul WA5YUL forwarded a link from Spaceport America near Hatch NM. It was a call for presenters to come and participate in the 2024 Spaceport America Open House on September 8, 2024. We have received an official invite to demonstrate Amateur Radio and how it aligns/relates with Space. This is a STEM based event with vendors, demonstrations, displays, etc. We are assembling a team from the club to put together programming for the event. If you wish to participate email me at hdarcpres@gmail.com. This will be a long day. 2-2.5 hour drive to spaceport. We can set up at Spaceport America between 0800hr and 1000 hrs local time. Breakdown is between 1400 - 1500 hours local time. I will keep you all up to date on our progress and what Spaceport America tells us. Thank you Yul WA5YUL for the heads up.

Update: I have reached out to their liaison by email and phone for updates and further instructions.



July 20,2024 HDARC Meeting Presentation: Rocky Mountain Ham Radio Inc. [Club-Update](#)

At our Saturday membership meeting on July 20, 2024 Brian Milesosky N5ZGT from [Rocky Mountain Ham Radio](#) Inc. (RMHAM) did a presentation on their multi-state 5-GHz microwave backbone/network project. The scope and magnitude of the project was fascinating. The technical network engineering behind this project is massive. I want to point out that the magnitude of social network engineering (partnerships) they have to maintain is just as daunting.

A big 73 to Brian N5ZGT for taking time to come and present this to the Club.



[Click here](#) to learn more about Rocky Mountain Ham Radio Inc.

HDARC Sept. Membership Meeting/Duke City Hamfest & Convention -[NEW](#)

It was announced at our July membership meeting that the HDARC Leadership made a decision to forgo our Sept 20, 2024 Membership Meeting because it falls on the same day of the Duke City Hamfest and Convention. As a sponsor of the Hamfest we want members to take the opportunity to go and enjoy the Hamfest and Convention. We have some of our members that have roles at the Hamfest. We have several members who will be featured as forum presenters on Sept. 21, and 22, 2024. The hamfest has over 30 workshops and forum presenters. We will have a club table to staff all day Saturday and Sunday morning. In January I took on the role of chairman of the 2024 DCHF forums Committee. Tom N5ATR sat on the committee with me to select presenters. Thank you Tom. At this Saturday's meeting I asked for volunteers to staff the club tables. HDARC Director Harvey KI5VY has volunteered to take a morning shift on Saturday Sept 20th . Thank you Harvey.If you volunteer for a shift, the Club will reimburse your \$15.00 REGISTRATION FEE.

I also asked for volunteers to help me with the forum presenters as Forum Presenter Host on Saturday Sept. 21st and the morning of Sunday September 22. I have been volunteering since January 2024 as the 2024 DCHF Prestation Forums Committee Chair. A forums host

will be assigned a presentation room for a four (4) hour shift. The host will greet the presenter, help the presenter get settled in, introduce the presenter, and aid the presenter in finishing on time. Any IT issue will be handled by the UNM A/V technician assigned to us. Volunteers for this job will have their registration fee (\$15.00) reimbursed personally by me. I need 8 to 10 volunteers and will be offering this opportunity outside our club also. Contact me at KI5NBP.mike.smith@gmail.com or at 505-4-1-0219 if you are interested. Go to the [2024 DCHF website](#) to look at the list of presenters.

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



HAMMING AROUND NEW MEXICO

Saturday, August 31st Alamogordo Hamfest 7am-3pm
Past President Dave N6SIK and Becky N6TYT will be traveling down a few days prior to the Hamfest to visit the local sites. We will be staying in the local KOA campground. You're all invited to join them. The more the merrier. Alamogordo is about a 3-hour drive from the Big I. Saturday afternoon we can fire up the radios and see who we can chat with.

Weekend of October 4-5-6 Cooke's Canyon north of Deming. Drive down on Friday the 4th and stay at the Desert Vista RV campground. 2020 Hatch Hwy, Deming, NM 88030. Join them at the campground if you wish or make other arrangements. Deming is about a 3.5 hour drive from Big I. Saturday morning, we will get an early start so we can visit many of the historic sites important to the history of New Mexico. These are good dirt roads with only a few rough spots so any good ground clearance vehicle should be okay. We will venture out to visit places like Cooke's City, Fort Cummings, the old Butterfield Trail and the Wells Fargo Stage Route and Massacre Canyon. In the coming months they will provide fascinating stories in the weekly newsletter. Saturday afternoon and Sunday morning we can fire up the radios and see who we can chat with. For more information contact Past President David N6SIK.

ELMERS! - NEW

We have another member who has stepped forward and is willing to be an Elemer for the Club. **A big 73 to Marc Matheson KD6KRA** for volunteering. Mary Ann NS7X, Marc Matheson KD6KRA and I will have a discussion on how members can access them for help and guidance. 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.

Club Calendar - July -September 2024

SAVE THE DATES UPDATED

July 2024

Wednesday July 24, 2024 Noon: Club ZOOM Lunchtime Chat Room. Click on the link below to enter the virtual room.

<https://us02web.zoom.us/j/81747392564?pwd=W3vSa9XrFJdzQQrlqDFZu6yaP8nWir.1> PIN 737373

Saturday July 27, 2024 10:00 AM: HDARC NM5HD STATEWIDE CHAT SHACK NET on the MEGA Link NM5ML. Mike NM5MC will be our net controller. [Click Here](#) for more info.

Wednesday July 31, 2024 Noon: Club ZOOM Lunchtime Chat Room. Click on the link below to enter the virtual room.

<https://us02web.zoom.us/j/81747392564?pwd=W3vSa9XrFJdzQQrlqDFZu6yaP8nWir.1> PIN 737373

August 2024

Saturday August 3, 2024 10:00 AM: HDARC NM5HD STATEWIDE CHAT SHACK NET on the MEGA Link NM5ML. John K5JVG will be our net controller. [Click Here](#) for more info.

Wednesday August 7, 2024 Noon: Club ZOOM Lunchtime Chat Room. Click on the link below to enter the virtual room.
<https://us02web.zoom.us/j/81747392564?pwd=W3vSa9XrFJdzQQrlqDFZu6yaP8nWir.1> PIN 737373

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

Wednesday August 14, 2024 Noon: Club ZOOM Lunchtime Chat Room. Click on the link below to enter the virtual room.
<https://us02web.zoom.us/j/81747392564?pwd=W3vSa9XrFJdzQQrlqDFZu6yaP8nWir.1> PIN 737373

Saturday August 17, 2024 10:00 AM: In Person Club Meeting and V.E. Testing.

Presenter: Tom Russell N5ATR “National Traffic Management System Overview”. HT Radio Giveaway and V.E. Testing begins at Noon. [Click here](#) for more information

Wednesday August 21, 2024 Noon: Club ZOOM Lunchtime

Chat Room. Click on the link below to enter the virtual room.

https://us02web.zoom.us/j/81747392564?pwd=W3vSa9XrFJdzQQrlqDFZu6yaP8nWir.1__ PIN 737373

Saturday August 24, 2024 10:00 AM: HDARC NM5HD

STATEWIDE CHAT SHACK NET on the MEGA Link NM5ML.

NM5MC Mike C is our net controller. [Click Here](#) for more info.

Wednesday August 28, 2024 Noon: Club ZOOM Lunchtime

Chat Room. Click on the link below to enter the virtual room.

https://us02web.zoom.us/j/81747392564?pwd=W3vSa9XrFJdzQQrlqDFZu6yaP8nWir.1__ PIN 737373

Saturday August 31, 2024 10:00 AM: HDARC NM5HD

STATEWIDE CHAT SHACK NET on the MEGA Link NM5ML.

KI5NBP Mike S is our net controller. [Click Here](#) for more info.

Saturday August 31, 2024 7AM to 3PM: Hamming Around NM at the Alamogordo Hamfest NM. [Click here](#) for info.

September 2024

Wednesday September 6, 2024 Noon: Club ZOOM Lunchtime Chat Room. Click on the link below to enter the virtual room.
<https://us02web.zoom.us/j/81747392564?pwd=W3vSa9XrFJdzQQrlqDFZu6yaP8nWir.1> PIN 737373

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

Sunday September 8, 2024 5:00 AM - 6:00 PM: Caravan to “Spaceport USA Open House” Event in Southern New Mexico: NM5HD Amateur Radio Demonstration. [Click here](#) for more information.

Wednesday September 11, 2024 Noon: Club ZOOM Lunchtime Chat Room. Click on the link below to enter the virtual room.
<https://us02web.zoom.us/j/81747392564?pwd=W3vSa9XrFJdzQQrlqDFZu6yaP8nWir.1> PIN 737373

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

Friday September 19 - Sunday September 21, 2025 8:00AM:
Duke City Hamfest & Convention.

Saturday September 20, 2024 8:00 AM - 5:00 PM : HDARC Club Booth at the Duke City Hamfest & Convention.

Sunday September 21, 2024 8:00 AM - 1:00 PM: HDARC Club Booth at the Duke City Hamfest & Convention.

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

<https://us02web.zoom.us/j/81747392564?pwd=W3vSa9XrFJdzQQrlqDFZu6yaP8nWir.1> PIN 737373

Saturday September 25, 2024 10:00 AM: HDARC NM5HD STATEWIDE CHAT SHACK NET on the MEGA Link NM5ML. NM5MC Mike C is our net controller. [Click Here](#) for more info.

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, Michael Chirin, NM5MC

5th Saturday, (when needed) Open for a volunteer. Backfilled by Mike Smith, KI5NBP until a volunteer is assigned.

We still need volunteers to run the 2nd Saturday and 5th Saturday of the month nets. Mike C NM5MC will host the Net this Saturday.

Our numbers for participation have been declining. Please join us on this Net. It only takes a few minutes to check in. 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 hdarepres@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.

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.

Test Equipment Loaner Program for Members

UPDATE

HDARC Director Harvey Dove KI5YVY has volunteered to lead this program. At this time we 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. Harvey is currently working on the program outline, equipment training program, and loaner process. We will be making some purchases of new equipment in the near future. I anticipate a final report to the club at the August meeting.

HDARC By-Law Review Progress Report -[UPDATE](#)

At our General Membership meeting on Saturday July 20, 2024 a live quorum of our membership voted to approve the revision to the current HDARC By-Laws and Constitution. On behalf of the leadership team I wish to thank the membership for their trust and wisdom on this matter. Your vote of confidence has set into motion some new annual milestones for the leadership team. I will present in the next newsletter a synopsis of those milestones. COB Ken AG5UY will be posting the revised document on the website tomorrow. Look under the tab titled “Resources then “Club Documents”

HDARC CLUB COMMUNICATION TRAILER



Thanks to Rob KI5NBN, progress is being made in repairing, modifying and identifying what we need to make the trailer truly operational. We did another event last weekend in Edgewood NM using the trailer to support multiple antenna systems. The trailer now has two antenna mounting systems. Thank you Rob

KI5NBN for your continued work on the trailer. Our next scheduled outing using the trailer is the Spaceport USA

**event in
September.**



Live Streaming HDARC Monthly Meetings on ZOOM-NEW

At last Saturday's membership meeting I did a test run on Zoom using my own Apple I-PAD Pro 11. The stream quality and screen resolution was really good. The audio recording was clear and the sound quality using only the I-Pads microphone was surprisingly of good quality. I will keep you advised of next steps.

The New HAM 10 Minute Project- NEW

**Did you just get your ticket as a new Technician?
Understanding the function and importance of feedlines is a must. Let's explore [Click Here](#)**

Classifieds-NEW

Welcome to our new 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. Here is our first listing from a



fellow member Alamogordo NM. Chuck KA5PAL is always checking in on the NM5HD State-wide Chat Shack Net. He is listing the following for sale:

[50 foot Tower](#) (click on the title)

Chuck's email is cwstonex@outlook.com

If you have something to post in the classifieds please email it to me no later than Sunday prior to the Wednesday publications date. Email to hdarcpres@gmail.com

Listing 2 from Rob KI5NBN



We just got a Kenwood TM-281 from a Silent Key's family. It is 65 Watts and has the magnetic mount antenna. No mounting bracket.

It retails for over 150 bucks new in the box.

50 bucks to HDARC Members.

Contact me if you are interested in the radio.

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. 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.

73 Mike

Michael R. Smith, KI5NBP, President HDARC

The High Desert Amateur Radio Club of New Mexico, Inc.