



NM5HD

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

A 501(c)(3) Non Profit Organization

TABLE OF CONTENTS

<u>Topic</u>	<u>Page</u>
Introduction from the President	2
Club Repeaters and Simplex Frequencies	3
Join the FUN, join the Club	3
HDARC Distinguished Service Awards	4
2024 Spaceport America Open House-Confirmation	5
HDARC Sept. Meeting/2024 Duke City Hamfest & Convention	6
HDARC Member Name Badges, Shirts and Hats	7
Hamming Around New Mexico - NEW Jemez Ride 8-3-24	7
ELMERS	9
Club Calendar June-September: Save the Dates	10
Saturday Morning CHAT SHACK Net	14
V.E. Testing	15
Test Equipment Loaner Program for Members	16
HDARC By-Laws Review	17
HDARC Club Communications Trailer	17
Live Streaming HDARC Monthly Meeting on ZOOM	18
The New HAM 10 Minute Project-NEW	18
Meteorology/ Space Weather Prediction for HAMS	18
Classifieds - NEW	19
Ham Radio Etiquette	20
Conclusion	21

Introduction from the President

Greetings,

We are in our last month of summer. In my opinion fall is the most exciting time in New Mexico. Our club is no exception. Fall is going to keep us busy as a club with exciting events and explorations.

Hamming around New Mexico has several opportunities exploring the State. We announced that the leadership has decided to forgo the September 22nd General Membership meeting so members are free to attend the 2024 Duke City Hamfest and Convention if they choose. The two charter schools that we sponsor for Ham radio are going back to school next week. Both of them have requested a field day like event during school hours to help them enroll more members in Sept or Oct. We will announce a few more programming additions for the fall and winter in the near future once I get confirmation and dates.

Our new Elmers. MaryAnn NS7X and Marc Matheson KD6KRA will go live in a few weeks once the three of us discuss how members can access them. Soon our Test Equipment Loaner program will kick off. Thank you Harvey KI5YVY for taking on this program.

I wish to thank the membership again for passing the revisions to the constitution and by-laws. COB Ken, VP/Treasurer Mike C and I have already begun looking for a good way to invest the budget reserve. VP/Treasurer Mike C and I will begin developing a budget document in September for next fiscal year.

We need a few more volunteers to work the club booth at the DukeCity Hamfest in September. We also need a member to be net control for the Chat Shack on the 2nd Saturday of the month. Give it a try for one month and see if you like being a net control operator. Let me know if you are willing to give it a shot.

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 the July 2024 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.



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 the 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 received an email from Spaceport America today confirming our participation at the event. They asked for a copy of our logo so they can place it on their open house website. I did advise them of our location and space requirements for that day. I will update you as I receive more information. If you wish to participate please advise me.

HDARC Sept. 2024 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 the July membership meeting I asked for volunteers to staff the club tables. HDARC Director Harvey KI5YVY 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. A forum 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. A big 73 to Sean KJ5USN and Harvey KI5YVY for volunteering. Contact me at KI5NBP.mike.smith @gmail.com or at 505-401-0219 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 -[NEW](#)

Jemez Ride: 8-3-2024 , Sat. Meet at 8:30 am. Leave at 9 AM. Vacant Lot of old Family Dollar parking lot. We will drive up into the mountains from hwy 550.

Full tank of Gas. Recovery points, front and back. Good condition off-road tires. dress for mountain weather. LOW range gearbox

Bring drinks and food for ALL day ride through the westside of the Jemez Mountains , on MVUM forest roads, and in the Santa Fe Nat. Forest. We can set up some radios at lunch and see who we can chat with.

We will travel on seldom used forest roads. On forest roads, the club has not been on in a few years.

There might be some tight trails. We cleared overgrowth and fallen trees from the route recently.

GMRS Radio for Comm. Don't have a radio?,no problem, just fall in line , in the middle of the group.We will stop sometimes, just ask another driver what's happening. We stop for restroom breaks, lunch, pictures, any issues, etc.

Back to pavement around 5 pm, but this may vary based on road conditions and weather. Expect the unexpected!!

Contact David N6SIK if you'd like to go.

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 4 th 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**

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.

Saturday August 3, 2024 8:30 AM: Jemez Ride [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 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.

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

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. COB Ken AG5UY will be posting the revised document on the website tomorrow. Look under the tab titled “Resources then “Club Documents”

UPDATE: COB Ken, VP/Treasurer Mike C, and I are researching for the best investment and return for the club reserves requirement. We have estimated the 2 year budget reserve to be \$3000.00. We will keep you informed as we decide on the best investment approach.

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

In August the meeting will be beta tested with a live stream on Zoom for the entire meeting. If all goes well, The October meeting will be streamed live on Zoom for the membership.

The New HAM 10 Minute Project- NEW

Did you just get your ticket as a new Technician?

Understanding the function and importance of a SWR Meter is a necessity. [Let's explore](#)

Meteorology and Space Weather Prediction for HAMS-NEW

A general understanding of how Meteorology and Space Weather shapes HF radio is a necessity for HAMS. Explore the information offered on the following links:

- ❖ Quick overview of Meteorology. [Click Here](#)
- ❖ Quick overview of Space Weather. [Click Here](#)
- ❖ Types of Space Weather [Click Here](#)
- ❖ NOAA Space Weather Prediction Center [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.