



# NM5HD

WEEKLY NEWSLETTER  
FOR THE  
HIGH DESERT AMATUER 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,

October is turning out to be a busy month for our club. This coming Saturday is our October Membership Meeting at the North Domingo Baca Multigenerational Center in Albuquerque. We start at 10:00 AM. The meeting will be streamed live. Go to the Club Calendar Section of this newsletter for directions and more info. Look for the meeting agenda in your email inbox later this week. This coming Thursday the HDARC East Mountain Group has its monthly Luncheon. Times and location are in the newsletter. We will have an additional testing session in the East Mountains at the end of the month and we're going to make our annual visit to the [National Museum of Nuclear Science and History](#). Details are in the newsletter.

The link for the Wednesday Lunchtime Noon Chat Room

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

The link for the live stream of this Saturdays membership meeting on ZOOM is

<https://us02web.zoom.us/j/85937595863?pwd=w6o03eq8SVyrbuBDzQwtb7K5iC3kGP.1> Password is 737373 Your audio will be muted

automatically upon entry to Zoom. This is a view only feed.

That's all I have for this week. I hope to see you at the meeting this Saturday.

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](http://www.nm5hd.org)

To become a club member go to [www.nm5hd.org](http://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 HAM Radio Demonstration for STEM Week at the National Museum of Nuclear Science and History**

YuI WA5YUL has assembled a team of HDARC members to put on a HAM Radio Demonstration at the [National Museum of Nuclear Science and History](#) in Albuquerque. The demonstration will take place on October 24, 2024 from 0900 - 1500 hours. This is an annual event for HDARC at the museum. We will share more details as they are provided.

## Test Equipment Loaner Program for Members

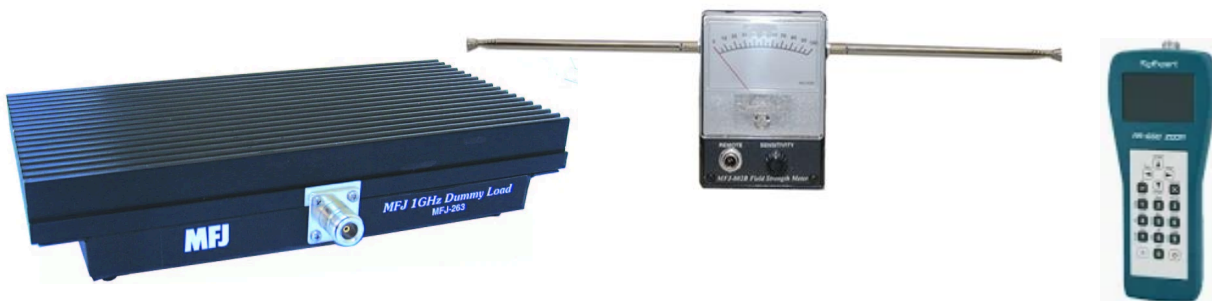
HDARC Director Harvey Dove KI5YVY is the lead for this program and will be the featured presenter for our October 19, 2024 Membership Meeting to outline the program. We are also making available to members access to online tutorials on how to use the test equipment from the HDARC NM5HD.org website.

The complete process on how to get access to this equipment will be spelled out by Harvey at this Saturdays membership meeting.

To date we have purchased the following pieces of test equipment for this program:

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

Shipping was free, the total was \$902.31.



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. Any

equipment that has been purchased and in our possession to date will be at that membership meeting.

## **HDARC East Mountain Group**

**Thursday October 18,2024:** 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 !

**Saturday October 28, 2024 12:00 PM HDARC Testing Session for Technician's License.** Edgewood Community Center , 27 East Frontage Road Edgewood New Mexico 87015. This is a rare opportunity to sit for the technicians licensure exam in the east mountains. There are a limited number of seats for this exam.  
Register Now: <https://www.nm5hd.org/free-testing-registration-form>  
Free study material at: <https://www.nm5hd.org/study-material>

## **From the "Elmer"**

If you have ever watched a TV show or seen a movie which featured a two-way radio, you probably heard the phrase "over and out." It may sound like official radio talk, but, if truth be told, it's an indicator of procedural ignorance. You see, in radio-speak the word "over" and the word "out" are opposites. "Over" means: It's your turn to talk, and I'll be listening for your response. "Out" means: We're done talking and I won't be listening for any response from you. I guess you could say it's either "over" or "out," but it's never both – "over and out."

**This may sound like a trivial observation, but it's important to remember that ham radio is a technical field. And, as such, the terminology used is precise. It's all about getting the message through as efficiently and as accurately as possible.**

### *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](mailto: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**

**How to use the RigExpert AA-650 Antenna Analyzer. Let's explore:**

** RigExpert AA-650 ZOOM Antenna Analyzer Review/Quick Demo, ...**

## 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 - October-November 2024

SAVE THE DATES **UPDATED**

### October 2024

Wednesday October 16, 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

**Thursday October 18,2024: 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 !**

**Saturday October 19, 2024 10:00 AM: In Person Club Meeting  
and V.E. Testing.**

**Presentation: Director Harvey Dove KI5YVY, HDARC Test  
Equipment Loan Program Overview & Kickoff, 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:**

**<https://us02web.zoom.us/j/85937595863?pwd=w6o03eq8SVyrbuBDzQwtb7K5iC3kGP.1>**

**Your audio will be muted automatically upon entry to the feed. This is a view only  
feed.**



**Wednesday October 23, 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 October 26, 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 October 26, 2024 12:00 PM: HDARC East Mountain Group Technicians Exam. Special Session Edgewood Community Center , 27 East Frontage Road Edgewood New Mexico 87015.**

## November 2024

**Saturday November 2, 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 November 6, 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 9, 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 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.**  
NM5MC Mike C is our net controller. [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.**  
KI5NBP Mike S 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.

There is no net this Saturday. We still need volunteers to run the 2nd Saturday and 5th Saturday of the month nets. 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](http://www.nm5ml.com). If you're having issues programming your radio email [hdarcpres@gmail.com](mailto: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](http://www.nm5hd.org). For more information contact Yul Bratcher at his email, [yul.bratcher@att.net](mailto: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.

## **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.

## **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](http://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](mailto: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 seeing you at this Saturday's membership meeting.***

**73 Mike**

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