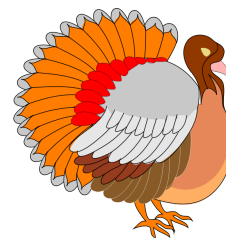




NM5HD



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,

This week we have the opportunity to celebrate and break bread with family and friends. It is the opportunity to reflect on what and whom we are thankful for, the chance to show charity and spark the holiday spirit. We will visit with one another about experiences, transceivers, antennas, and repeaters, exchange opinions, watch football (Go PACK!), basketball and ice hockey with friends and loved ones. When I reflect on this, it is obvious this is what we do with each other all year long as a Amateur Radio family here at HDARC. How fortunate I am to be a part of this wonderful circle of human beings spreading camaraderie in our community.

We are well over 50 members and guests who have sent an RSVP for the Holiday Party and 20 Year Celebration at Rudy's Country Store and BBQ on December 14, 2024. The prize list has grown a little more. Details in the newsletter.

The January 2025 Satellite workshop and February 2025 DMR Workshop are beginning to fill. Don't wait till the last minute to register. It takes a simple email to hdarcpres@gmail.com to do so. We have a location in Albuquerque for both workshops. Details in the newsletter.

VP/Tres. Mike C has submitted to me the necessary spreadsheets/numbers to pull a FY25 budget proposal together. Thank you Mike C for doing this all year. After this holiday week Mike C and I will finalize the proposal and send it to the BOD for the first week in

December. The membership will ratify the FY25 budget proposal during the December 2025 meeting.

I want to congratulate Cynthia KJ5FMW for running the Chat Shack Net this past Saturday. I hear she did a wonderful job for her first time as a net controller. Who's next? Available openings are in the newsletter. A big 73 to all members who participated and encouraged and assisted Cynthia.

Our Elmer MaryAnn NS7X has found another guest Elmer for this week's article in the Elmer section. A big 73 MaryAnn.

Last week we published the Jemez Christmas tree cutting and 4x4 with the Rio Rancho Off Road facebook group. This week I will end the suspense and give you the date of the activity: December 8, 2024

I hope you have a safe and joyous holiday week. Enjoy your Thanksgiving!

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>

Hamming Around New Mexico - Holiday Style

A Christmas tree cutting and 4x4 in the Jemez with the Rio Rancho Off Road facebook group will be held on **Sunday December 8, 2024**. While some are tree cutting we could do a quick Hamming Around New Mexico.....

This will be a fun and relaxed run (hopefully with snow) to take our members out to grab a christmas tree. Permits can be purchased at the Walatowa Visitors Center or online.

We will be meeting at the Walatowa Visitors Center at 9am and we will roll out at 9: 30am.

We generally have a designated route each year but (like last year) things can change.

Generally this run will last at least a half day or more, so bring snacks, water and definitely warm clothing! If you have recovery gear or anything else, it's always helpful, in case of emergencies.

If there is snow and you have anything to play in the snow with, bring it! The kids always have a great time when we stop. Please have a working 4wd. If there is snow, you'll probably need it in the area we head to. No you don't have to get a christmas tree to participate! We welcome everyone who wants to just come out and have fun. If you wish to participate contact Past President David by email at n6sik@arrl.net.



Saturday CHAT SHACK NET Incentive **Program-Update**

This program has been developed to promote members to participate in the Saturday Chat Shack Net and develop net controller skills. We just finished the 4th week of the program that runs through February 2025. 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.

Last week Cynthia KJ5FMW ran her first net. Thank you Cynthia. You did a great Job. Who is next? I have the following dates available if you wish to volunteer as net controller:

December 2024: Saturday December 14, 2024

Saturday December 28, 2024

January 2025: Saturday January 4, 2025

Saturday January 11, 2025

February 2025: Saturday February 8, 2025

Saturday February 22, 2025

As of this publishing I have no volunteers for this coming Saturday. John K5JVG will be running the net. I am driving from Denver Colorado to Rio Rancho that day and don't know if I will be in range of the mega link at 10:00 A.M. So John will be delivering my President's message also.

Any member in good standing who checks into the Saturday Net will receive a ticket with their call sign attached. When you check into the Chat Shack Net 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 a 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. You only need to be a net controller for the specific date you sign up for. We have a specific script to guide you and mentoring if you wish. These are not long term assignments. You can determine if you liked net control and if you liked the assignment we can schedule you again in a month or after the challenge.

If you wish to be net control for the Saturday Chat Shack Net on any of the available dates send an email to hdarcpres@gmail.com. The grand prize is a \$300.00 gift certificate to HRO (Ham Radio Outlet) and will be drawn at the March membership meeting. At every monthly club meeting between now and February 2025, members who participated can obtain an envelope with the tickets they earned to date. We hope that members actively participate in this challenge.

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 next net is Saturday November 30, 2024. *Your net controller is John K5JVG.* 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.

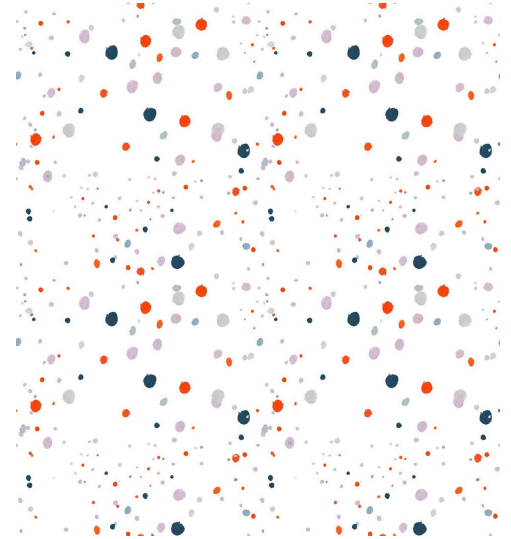
HDARC Holiday Dinner and 20 Year Celebration -Update

GREAT NEWS! We have over fifty (50) RSVP'S



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. Members in good standing that attend will receive free raffle tickets. To date we will be raffling two (2) \$100.00 gift certificates to Ham

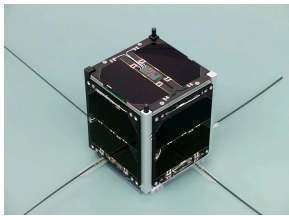


Radio Outlet (HRO). We have Anniversary Edition HDARC Hats and other items to be raffled for. We have added a new DMR HT to the mix.

If you plan to attend please RSVP at hdarcpres@gmail.com I need just a number of who is attending to ensure we save enough space.

HDARC Space/Satellite Communications Program - UPDATE

The club will be hosting a Beginners HAM Radio Satellite Workshop to be given by Ed Poccia, KC2LM . The date for



the workshop is Saturday
January 11, 2025 from 10:00
A.M. to 1:00 P.M. **The location
will be the Bear Canyon Senior
Center**



<https://www.cabq.gov/seniors/senior-multigenerational-centers/bear-canyon-senior-center> in Albuquerque New Mexico. The workshop is open to any interested licensed amateur radio operators. Here is the outline of the workshop:

No prior knowledge nor experience is necessary for success in this most interesting field of Amateur Radio.

At the conclusion of the class, you will be able to:

1. Decode **Slow Scan TV** Images transmitted by the International Space Station (ISS).
2. Find out when the ISS is operational and in position overhead.
3. Have a **FM Voice QSO** with other hams across the country using the repeater onboard the ISS.
4. Use the **digipeater** on the ISS to make **APRS contacts**.
5. **Make a Satellite Antenna** for transmitting and receiving antenna using 18” steel rods from “Home Depot” and a stick.
6. **Use your mobile rig** and antenna to make satellite contacts.
7. **Use a Baofeng HT** radio as your satellite station.
8. **Track the ISS** and other LEO (*Low Earth Orbiting*) satellites across the sky.

Instruction will be based on *Power Point* slides and LIVE satellite transmission recordings.

Also presented will be a discussion on:

- * the basic equipment you will need.
- * useful Organizations & Internet Sites

If you are interested in attending the workshop please send an email to hdarcpres@gmail.com expressing your interest to attend. Do not hesitate to enroll. This workshop will fill fast.

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



2025 HDARC Winter Field Day

HDARC will participate in the 2025 Winter Field Day. Field starts on January 25, 2025 at 1200 hrs local time. SAVE THE DATE. We are currently seeking a location. I have asked YUL

WA5YUL to see if the Albuquerque Open Space Visitor Center is available. This would provide us with a climate controlled environment with plenty of access to run all the coax and wires we feel like. We will keep you informed. Click on the link for general information about Winter Field Day 2025: <https://winterfieldday.org/>

If you know at this point that you want to operate during our field day event, contact me now for an operating assignment. First come first serve.

Digital Mobile Radio (DMR) - Getting on the Air Workshop- Update

The date for the DMR Getting on the AIR workshop is Saturday February 1, 2025 from 10:00 A.M. to 1:00 p.m. The location will be the Bear Canyon Senior Center

<https://www.cabq.gov/seniors/senior-multigenerational-centers/bear-canyon-senior-center> in Albuquerque New Mexico. The presenters are John Betz II KI5YIF and Paul Bouthillier KBØWMA. This workshop will get a new DMR operator and their DMR radio on the air. If you are interested in attending this workshop, send me a quick email stating such to hdarcpres@gmail.com.

Test Equipment Loaner Program for Members

HDARC Director Harvey Dove KI5YVY is the lead for this program. *A copy of the program outline and how to contact Harvey to request a loaner is posted on the home page of NM5hd.org. Click on this link: https://www.nm5hd.org/files/ugd/d9cb96_5fe894d5a99c434191712575def6987b.pdf*

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 three donated pieces of test equipment. 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).

We are looking for volunteers to help us make in house instructional videos to demonstrate how to use each piece of test equipment. If you have the hands on knowledge, help us share that with other club members.

HDARC at the National Museum of Nuclear Science and History

We have been invited back to the National Museum of Nuclear Science and History to set up another hands-on Radio Demonstration for the 2025 Atomic Science Week. We are scheduled for Friday January 31, 2025. If you are interested in participating in the hands-on demonstration contact Yul WA5YUL at yul.bratcher@att.net.

HDARC East Mountain Group

Thursday Decemeber 20, 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 !

From the "Elmer"

ITU Phonetics: Clarity, Simplicity, Uniformity, Brevity

By Nick KI5MFF Guest Elmer

First off, I would like to welcome you to the hobby of Amateur Radio! It's an extremely fun, educational, thought provoking and useful hobby. Hopefully, we can assist you in your journey down the plethora of rabbit holes this hobby can lead you, wherever that may be. You may be interested in DXing, SOTA/POTA, Contesting, Rag-chewing, ARES/RACES, Public Service Events, or many other aspects of the hobby. Communicating in a clear, concise, and

predictable way will assist you in completing contacts with other individuals, no matter what aspect of Amateur Radio you find yourself interested in, or the first language of the person you are attempting to complete a contact with, is.

As a former soldier and retired police officer, I can tell you that clear and concise communication can be the difference between successful communication and, well, bad things happening. (Or in Amateur Radio, at least a broken QSO.) While the hobby aspect of Amateur Radio may not be “Mission Critical” it can help you complete a contact during difficult conditions. If ARES/RACES is more to your liking, it ‘could’ literally mean the difference between getting a load of dish towels instead of a load of diapers.

Learning the ITU phonetic alphabet is relatively easy, can be extremely helpful, and can make your communications much easier. Think of how similar A sounds to K and J when spoken aloud. B, C, D, E, G, P and V can sound similar, especially when there’s static or interference on a signal. We could go on, but you get the picture! The ITU phonetic alphabet was designed so that most people (Speaking English) can be understood, regardless of their native language or accent. It’s most helpful, especially during difficult band conditions for everyone to be on the same sheet of music.

Hopefully, this will assist you in understanding why we use the ITU phonetic alphabet during Amateur Radio activities. It’s not to sound “Cool” on the radio, but instead to make our communications clearer and hopefully quicker, regardless of the operating conditions by

reducing the number of times a callsign or portion of a message must be repeated to be understood.

73 and I hope to see you on down the log!

Nick KI5MFF

A Alpha	N November
B Bravo	O Oscar
C Charlie	P Papa
D Delta	Q Quebec
E Echo	R Romeo
F Foxtrot	S Sierra
G Golf	T Tango
H Hotel	U Uniform
I India	V Victor
J Juliette	W Whiskey
K Kilo	X X-Ray
L Lima	Y Yankee

Elmer MaryAnn has prepared several tutoring kits for new hams. These kits will be available at this coming Saturday's 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

Getting hooked on phonics ,I mean phonetics. Click on the link below:

<https://youtu.be/9q0EY2hnzs8?si=42oz0xNAIPzzj6v5>

HDARC Member Name Badges/Hats/Shirts-New



I have been asked by members how to purchase a HDARC Membership Badge. [Click Here](#) to be directed to our vendor's web store. **NOTE: There is an issue with this vendor's online store. Follow the instructions for manual check out. We will be looking for a local vendor.**



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 2024 - January 2025
SAVE THE DATES UPDATED

November 2024

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 John K5JVB

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.

**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.

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)

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.

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

January 2025

Wednesday January 1, 2025 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 January 4, 2025 10:00 A.M.: HDARC NM5HD STATEWIDE CHAT SHACK NET on the MEGA Link NM5ML. K5JVG John is our net controller.

Wednesday January 8, 2025 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 January 11, 2025 10:00 A.M.: HDARC NM5HD STATEWIDE CHAT SHACK NET on the MEGA Link NM5ML. Net controller TBD.

Saturday January 11, 2025 10:00 A.M.: Beginning HAM Radio Satellite Workshop ; Presenter is Ed Poccia KC2LM
Location: Bear Canyon Senior Center 4645 Pitt NE
Albuquerque, NM 87111

Wednesday January 15, 2025 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 January 18, 2025 10:00 AM: In Person Club Meeting and V.E. Testing. Presentation: Winter Field Day Briefing & 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 January 22, 2025 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 January 25, 2025 10:00 A.M.: HDARC NM5HD STATEWIDE CHAT SHACK NET on the MEGA Link NM5ML. Net controller TBD.

Saturday January 25, 2025 09:00 A.M. to 4:00 PM: HDARC WINTER FIELD DAY. Location TBD

Wednesday January 29, 2025 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

Friday January 31, 2025 08:00 AM to 4 P.M.: HDARC at the National Museum of Nuclear Science and History Hands-on Radio Demonstration for the 2025 Atomic Science Week.

Future Scheduled Club Events

- February 2025 - Club Board of Directors Elections - 2 positions
- April 2025 Membership Meeting Presentation: Bill Mader K8TE “Why Aren't You Contesting?”
- 2025 ARRL FIELD DAY June
- August 2025 Membership Meeting Presentation: Bill Mader K8TE “Better DX Chasing”

Club Events in the Bull Pen (Not Scheduled Yet)

- POTA - Field Days
- SOTA - Membership Presentation and Workshop/Field Day
- Hamming Around New Mexico
- Las Cruces Space Festival /Spaceport America (Sept 2025)
- National Solar Observatory -Sunspot NM (Spring 2025)
- Portable Battery Box Workshop
- Transmitter Fox Hunt workshop and field day

- CW Morse Code Challenge
- Ham Radio Home Brew Challenge
- Club Test Equipment Workshops
- And more to come.....

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.

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. ***This is a free service with no fees attached.***

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 for contributing to the newsletter. 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. *Have a wonderful holiday week!*

73 Mike

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